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A NASTRAN VIBRATION MODEL OF THE AH-1G HELICOPTER AIRFRAME. VOLUME II

James D. Cronkhite, et al

Bell Helicopter Company

Prepared for:

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Rock Island Arsenal

June 1974

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A NASTRAN VIBRATION MODEL OF THE AH-1G HELICOPTER AIRFRAME

VOLUME II OF II

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FINAL REPORT

PREPARED BY

BELL HELICOPTER COMPANY

FORT WORTH, TEXAS

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8. Airframe
9. Helicopter

20. ABSTRACT *(Continue on reverse side if necessary and identify by block number)*

This report documents a NASTRAN finite element model of the AH-1G helicopter airframe. The model was developed for the purpose of representing the low frequency vibration response of the airframe and the structure deflections due to weapon firing. The nastran input data deck for the model is included in the documentation as well as a Normal Modes run on Level 15.1 of the program.

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The documentation is aimed at assuring that the government can independently use and modify the model to reflect actual or proposed changes in design. It is assumed that government personnel using this model and documentation have a good understanding of the NASTRAN computer program.

The documentation consists mainly of drawings and sketches of the idealized NASTRAN model with supporting instructions. In addition, the actual structure is identified and the idealization of the structure as a finite element model is explained. The NASTRAN input data deck serves as a major portion of the documentation.

FOREWORD

This report, "A NASTRAN Vibration Model of the Bell AH-1G Helicopter Airframe," was prepared by Bell Helicopter Company, Fort Worth, Texas, for the U. S. Army Armament Command, Rock Island, Illinois, under contract DAAF03-73-C-0122. Messrs. Carl E. Swindlehurst, Jr. (USAAMRDL-Langley) and Eugene C. Naumann (NASA-Langley) were the contracting officer's technical representatives.

The authors acknowledge the help of Bell Helicopter Company's Mr. David L. Kidd, Dynamics Group Engineer, for his contributions to the study.

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8. NASTRAN DATA

8.1 INPUT DECK

8.1.1 Organization of the Unsorted Bulk Data Deck

The unsorted bulk data is organized in a manner which should allow quick and easy reference to the NASTRAN model. Special ID numbering conventions, described in Table 8-1, are used in the modeling, and familiarity with these conventions should allow the user to easily identify and locate grid points and structural elements. The outline below shows the organization of the bulk data and should provide additional aid in referring to the model.

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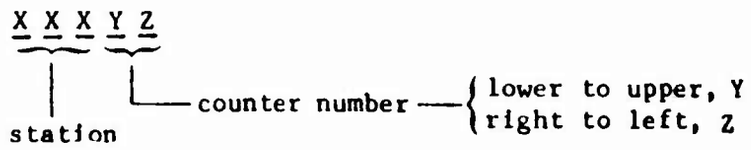
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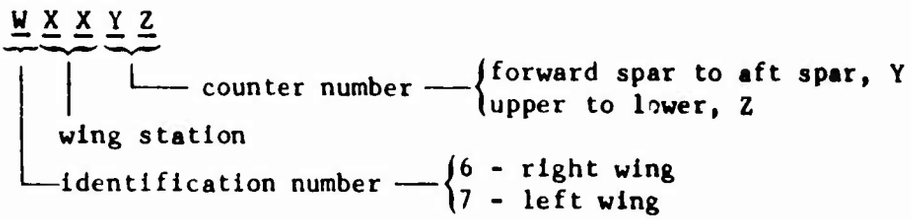
TABLE 8-1. ID NUMBERING CONVENTIONS USED IN THE MODELING

I. GRID POINTS

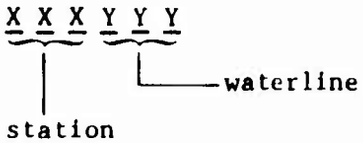
A. Fuselage, tailboom, vertical fin, elevator



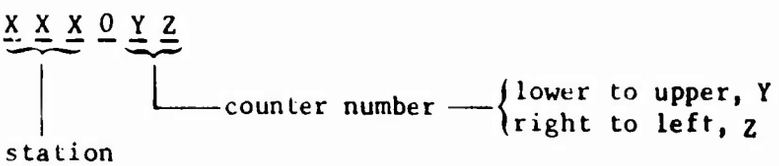
B. Wings



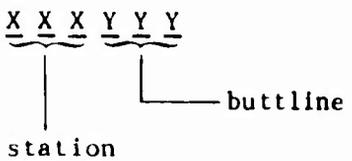
C. Main rotor mast/transmission



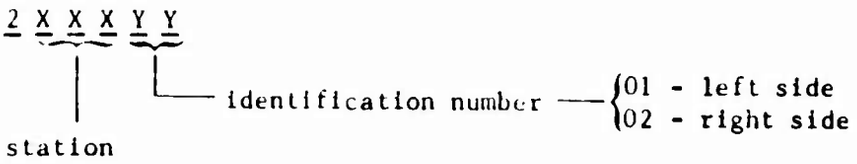
D. Main rotor transmission case support



E. Tail rotor mast/gearbox



F. Skid landing gear



G. Engine mounts

1 X X X Y Z

station — counter number — {lower to upper, Y; right to left, Z}

H. Engine

1 X X X 0 0

station

I. Useful load cg's

X X X 0 0

station

II. STRUCTURAL ELEMENTS

A. Fuselage

1. Doublers, caps, skins, useful load trusses, main rotor mast/ transmission, skid landing gear, engine mounts

X X X X X X Y

Last six digits of part number — counter number

2. Rods for shear panel

X X X X X Y Y

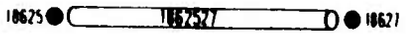
Last five digits of shear panel part number — counter number

3. Bulkheads

X X X Y Y Z Z

station — grid point counter number — grid point counter number

Examples:





4. Wing lugs

X X X Y Y 0 0

- Y Y: grid point counter number
- X X X: station

5. Main rotor pylon mount springs

X X X Y Y Z

- Z: coordinate (1 = X, 2 = Y = 3 = Z)
- Y Y: grid point counter number
- X X X: station

B. Empennage

1. Tailboom/vertical fin

X X X Y Y Y 0

- Y Y Y: aft station
- X X X: forward station

2. Elevator - see II.A.3.

3. Tail rotor mast/gearbox - see II.A.1.

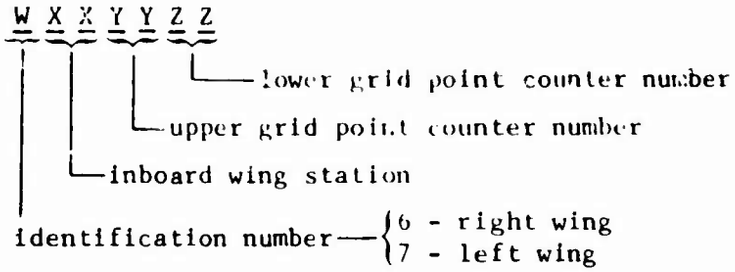
C. Wings

1. Spars caps

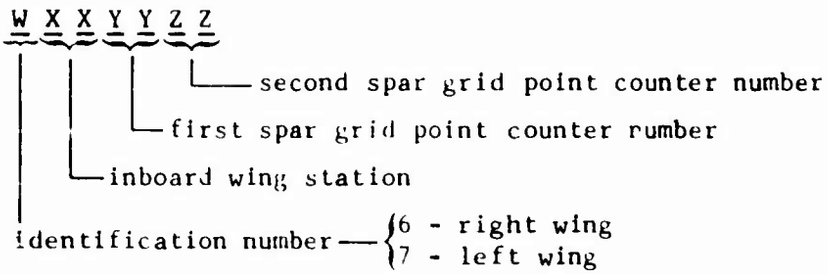
W X X Y Y Z Z

- Z Z: grid point counter number
- Y Y: outboard wing station
- X X: inboard wing station
- W: identification number — 6 - right wing; 7 - left wing

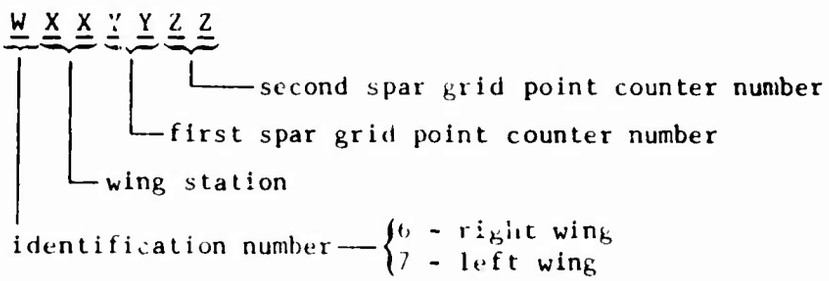
2. Spars webs



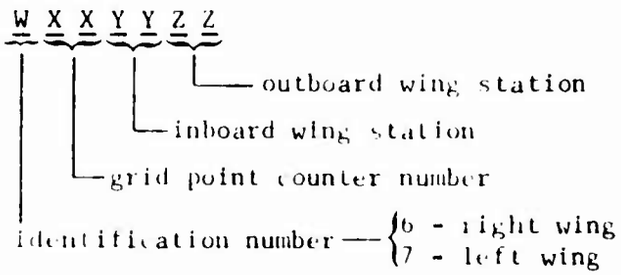
3. Skins



4. Ribs



5. Lugs



III. MISCELLANEOUS

A. Shear panel/membrane properties

1. Primary

X X X Y Y Y Y

skin thickness in thousandths of an inch — material identification number

2. Secondary

X X X X X

skin thickness in hundred-thousandths of an inch

B. Bar properties

X X X X X X X

bar element identification number

C. Materials

1. Primary

X X X X

alloy number

2. Secondary

X X

counter number

D. Coordinate systems for SPC's

X X X X X

grid point at which SPC's applied

```
NASTRAN CONFIG=+, KEN360=1536, BUFFSIZE=2048, LINES=7500
ID VLBERRY,GROUP 6
APP DISPLACEMENT
SOL 3,0
DIAG 8,13,19
TIME 170
CHKPNT YES
DIAG 5,6
CEND
TITLE=AH-1G THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL
SUBTITLE=BASIC MISSION WEIGHT CONFIGURATION - 9500 LB GROSS WEIGHT
LABEL=NATURAL FREQUENCIES AND MODE SHAPES
MAXLINES=100000
ECHO=BOTH
METHOD=999
MPC=1000
OUTPUT
    DISPLACEMENT=ALL
    SPCFORCES=ALL
BEGIN BULK
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                              GRID POINT DATA
$                                  BEGIN
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
$
$                              NOSE SUBASSEMBLY
$                                  * * *
$
$                            STA  33.00 BULKHEAD
$                              209-030-580-057
$
GRID       3331    0          33.00     4.90    49.60    0           456
GRID       3339    0          33.00    -4.90    49.60    0           456
GRID       3341    0          33.00     6.95    56.85    0           456
GRID       3349    0          33.00    -6.95    56.85    0           456
$
$                            STA  46.00 BULKHEAD
$                              209-030-582-053
$
GRID       4631    0          46.00    11.46    49.60    0           456
GRID       4633    0          46.00     9.07    46.00    0           456
GRID       4637    0          46.00    -9.07    46.00    0           456
GRID       4639    0          46.00   -11.46    49.60    0           456
GRID       4641    0          46.00    12.34    57.00    0           456
GRID       4649    0          46.00   -12.34    57.00    0           456
GRID       4661    0          46.00     9.70    65.00    0           456
GRID       4669    0          46.00    -9.70    65.00    0           456
$
```

```
$
$                                  FORWARD FUSELAGE SUBASSEMBLY
$                                            * * *
$
$                                      STA  61.25 BULKHEAD
$                                        209-030-101-001
$                                        209-030-510-007
$
GRID      6123    0        61.25    10.00    40.91    0              456
GRID      6127    0        61.25   -10.00    40.91    0              456
GRID      6131    0        61.25    13.82    46.00    0              456
GRID      6133    0        61.25    10.00    46.00    0              456
GRID      6137    0        61.25   -10.00    46.00    0              456
GRID      6139    0        61.25   -13.82    46.00    0              456
GRID      6141    0        61.25    14.54    54.16    0              456
GRID      6143    0        61.25    10.00    54.16    0              456
GRID      6147    0        61.25   -10.00    54.16    0              456
GRID      6149    0        61.25   -14.54    54.16    0              456
GRID      6161    0        61.25    15.06    60.00    0              456
GRID      6163    0        61.25    10.00    60.00    0              456
GRID      6167    0        61.25   -10.00    60.00    0              456
GRID      6169    0        61.25   -15.06    60.00    0              456
GRID      6171    0        53.95    10.00    69.42    0              456
GRID      6179    0        53.95   -10.00    69.42    0              456
$
$                                      STA  70.79 PSEUDO-BULKHEAD
$                                  FORWARD TURRET ATTACH POINTS
$
GRID      7031    0        70.79    15.04    46.00    0             3456
GRID      7033    0        70.79    10.00    46.00    0              456
GRID      7037    0        70.79   -10.00    46.00    0              456
GRID      7039    0        70.79   -15.04    46.00    0             3456
GRID      7043    0        70.79    10.00    54.38    0             2456
GRID      7047    0        70.79   -10.00    54.38    0             2456
GRID      7061    0        70.79    15.80    60.38    0              456
GRID      7063    0        70.79    10.00    60.38    0              456
GRID      7067    0        70.79   -10.00    60.38    0              456
GRID      7069    0        70.79   -15.80    60.38    0              456
GRID      7071    0        70.79    15.72    61.84    7071          2456
GRID      7079    0        70.79   -15.72    61.84    7079          2456
$
$                                    XM-28 ARMAMENT SUBSYSTEM
$                                            717000
$
GRID      7505    0        75.50     0.0     29.00    0        0
$
$                                      STA  85.26 PSEUDO-BULKHEAD
$                                    AFT TURRET ATTACH POINTS
$
GRID      8531    0        85.26    16.90    46.00    0             3456
```

```
GRID       8533    0          85.26    10.00    46.00    0              456
GRID       8537    0          85.26   -10.00    46.00    0              456
GRID       8539    0          85.26   -16.90    46.00    0             3456
GRID       8543    0          85.26    10.00    54.72    0             2456
GRID       8547    0          85.26   -10.00    54.72    0             2456
GRID       8561    0          85.26    16.92    60.96    0              456
GRID       8563    0          85.26    10.00    60.96    0              456
GRID       8567    0          85.26   -10.00    60.96    0              456
GRID       8569    0          85.26   -16.92    60.96    0              456
GRID       8571    0          85.26    16.72    64.64    8571          2456
GRID       8579    0          85.26   -16.72    64.64    8579          2456
$
$                                  STA  93.00 BULKHEAD
$                                  209-030-102-323
$
GRID       9303    0          93.00    10.00    21.77    0              456
GRID       9307    0          93.00   -10.00    21.77    0              456
GRID       9313    0          93.00    10.00    27.00    0              456
GRID       9317    0          93.00   -10.00    27.00    0              456
GRID       9331    0          93.00    17.89    46.00    0              456
GRID       9333    0          93.00    10.00    46.00    0              456
GRID       9337    0          93.00   -10.00    46.00    0              456
GRID       9339    0          93.00   -17.89    46.00    0              456
GRID       9341    0          95.41    17.99    55.00    9373          1456
GRID       9343    0          95.41    10.00    55.00    0              456
GRID       9347    0          95.41   -10.00    55.00    0              456
GRID       9349    0          95.41   -17.99    55.00    9377          1456
GRID       9361    0          97.14    17.84    61.44    0              456
GRID       9363    0          97.14    10.00    61.44    0              456
GRID       9367    0          97.14   -10.00    61.44    0              456
GRID       9369    0          97.14   -17.84    61.44    0              456
GRID       9371    0          98.69    17.65    67.23    0              456
GRID       9373    0          98.69    10.00    67.23    9373          1456
GRID       9377    0          98.69   -10.00    67.23    9377          1456
GRID       9379    0          98.69   -17.65    67.23    0              456
$
$                                  STA 115.58 PSEUDO-BULKHEAD
$          FORMER-FWD FACE OF INST. PANEL / MAIN BEAM REF PLANE INTERSECT
$
GRID       11503   0         115.58    10.00    27.00    0             3456
GRID       11507   0         115.58   -10.00    27.00    0             3456
GRID       11531   0         115.58    17.91    46.00    0             3456
GRID       11533   0         115.58    10.00    46.00    0              456
GRID       11537   0         115.58   -10.00    46.00    0              456
GRID       11539   0         115.58   -17.91    46.00    0             3456
GRID       11543   0         115.58    10.00    55.00    0              456
GRID       11547   0         115.58   -10.00    55.00    0              456
GRID       11561   0         115.58    17.91    62.172   0              456
GRID       11563   0         115.58    10.00    62.172   0              456
```

```
GRID     11567    0        115.58   -10.00    62.172  0          456
GRID     11569    0        115.58   -17.91    62.172  0          456
GRID     11571    0        114.04    17.65    70.19   11571     2456
GRID     11579    0        114.04   -17.65    70.19   11579     2456
$
$                                  STA 138.70 BULKHEAD
$                                  209-030-103-159
$
GRID     13801    0        138.70    15.81    28.00   0          456
GRID     13803    0        138.70    10.00    27.00   0          456
GRID     13807    0        138.70   -10.00    27.00   0          456
GRID     13809    0        138.70   -15.81    28.00   0          456
GRID     13821    0        138.70    17.68    35.97   0          456
GRID     13823    0        138.70    10.00    35.97   0          456
GRID     13827    0        138.70   -10.00    35.97   0          456
GRID     13829    0        138.70   -17.68    35.97   0          456
GRID     13831    0        138.70    17.94    46.00   0          456
GRID     13833    0        138.70    10.00    46.00   0          456
GRID     13837    0        138.70   -10.00    46.00   0          456
GRID     13839    0        138.70   -17.94    46.00   0          456
GRID     13841    0        138.70    17.99    55.00   0         1456
GRID     13843    0        138.70    10.00    55.00   0          456
GRID     13847    0        138.70   -10.00    55.00   0          456
GRID     13848    0        135.29   -10.00    55.00   0          456
GRID     13849    0        135.29   -17.99    55.00   13849     1456
GRID     13861    0        138.70    18.00    63.09   0          456
GRID     13863    0        138.70    10.00    63.09   0          456
GRID     13867    0        132.25   -10.00    62.84   0          456
GRID     13869    0        132.25   -18.00    62.84   0          456
GRID     13871    0        138.70    17.64    74.95   13871     2456
GRID     13879    0        128.37   -17.64    72.96   13879     2456
$
$                                  CENTER FUSELAGE SUBASSEMBLY
$                                          * * *
$
$                                  STA 148.50 BULKHEAD
$                                  209-030-104-011
$
GRID     14801    0        148.50    15.81    28.00   0          456
GRID     14803    0        148.50    10.00    27.00   0          456
GRID     14807    0        148.50   -10.00    27.00   0          456
GRID     14809    0        148.50   -15.81    28.00   0          456
GRID     14821    0        148.50    17.67    35.97   0          456
GRID     14823    0        148.50    10.00    35.97   0          456
GRID     14827    0        148.50   -10.00    35.97   0          456
GRID     14829    0        148.50   -17.67    35.97   0          456
GRID     14831    0        148.50    17.94    46.00   0          456
GRID     14833    0        148.50    10.00    46.00   0          456
GRID     14837    0        148.50   -10.00    46.00   0          456
```

```
GRID     14839    0        148.50   -17.94   46.00   0          456
GRID     14841    0        148.50    17.99   55.00   0         1456
GRID     14843    0        148.50    10.00   55.00   0          456
GRID     14847    0        148.50   -10.00   55.00   0          456
GRID     14849    0        148.50   -17.99   55.00   0         1456
GRID     14861    0        148.50    17.99   63.49   0          456
GRID     14863    0        148.50    10.00   63.49   0          456
GRID     14867    0        148.50   -10.00   63.49   0          456
GRID     14869    0        148.50   -17.99   63.49   0          456
GRID     14881    0        152.27    17.64   77.57   0          456
GRID     14883    0        152.27    10.00   77.57   0          456
GRID     14887    0        152.27   -10.00   77.57   0          456
GRID     14889    0        152.27   -17.64   77.57   0          456
$
$                    FORWARD SKID GEAR ATTACH POINT / RIGHT SIDE
$
GRID     15212    0        152.45    13.50   30.34   0        0
$
$                    FORWARD SKID GEAR ATTACH POINT / LEFT SIDE
$
GRID     15218    0        152.45   -13.50   30.34   0        0
$
$                          STA 156.41 BULKHEAD
$                            209-030-105-001
$
GRID     15601    0        156.41    16.39   29.00   0          456
GRID     15603    0        156.41    10.00   27.00   0          456
GRID     15607    0        156.41   -10.00   27.00   0          456
GRID     15609    0        156.41   -16.39   29.00   0          456
GRID     15621    0        156.41    17.64   35.97   0          456
GRID     15623    0        156.41    11.55   35.97   0          456
GRID     15625    0        156.41      0.0   35.97   0          456
GRID     15627    0        156.41   -11.55   35.97   0          456
GRID     15629    0        156.41   -17.64   35.97   0          456
GRID     15633    0        156.41    11.55   46.00   15633     2456
GRID     15637    0        156.41   -11.55   46.00   15637     2456
$
$                          STA 164.00 BULKHEAD
$                            209-030-106-027
$
GRID     16481    0        164.00    17.64   77.57   0          456
GRID     16483    0        164.00   12.375   77.57   0         3456
GRID     16485    0        164.00      0.0   77.57   0         3456
GRID     16487    0        164.00  -12.375   77.57   0         3456
GRID     16489    0        164.00   -17.64   77.57   0          456
$
$                          STA 186.25 BULKHEAD
$                            209-030-107-009
$                    FORWARD WING CARRY-THRU SPAR
```

```
$
$
GRID       18601    0        186.25    15.61    29.00    0                456
GRID       18603    0        186.25     9.31    27.00    0                456
GRID       18607    0        186.25    -9.31    27.00    0                456
GRID       18609    0        186.25   -15.61    29.00    0                456
GRID       18621    0        186.25    17.40    35.97    0                456
GRID       18623    0        186.25    10.00    35.97    0                456
GRID       18625    0        186.25      0.0    35.97    0                456
GRID       18627    0        186.25   -10.00    35.97    0                456
GRID       18629    0        186.25   -17.40    35.97    0                456
GRID       18631    0        186.25    17.70    46.00    0                456
GRID       18633    0        186.25    10.00    46.00    0               1456
GRID       18635    0        186.25     0.00    46.00    0               1456
GRID       18637    0        186.25   -10.00    46.00    0               1456
GRID       18639    0        186.25   -17.70    46.00    0                456
GRID       18641    0        186.250   17.850   56.20    0      0
GRID       18642    0        186.250   15.850   56.20    0      0
GRID       18643    0        186.250   12.375   56.20    0                4
GRID       18644    0        186.250    5.790   56.20    0               45
GRID       18645    0        186.25     0.0     56.20    0               45
GRID       18646    0        186.250  -5.790   56.20    0               45
GRID       18647    0        186.250 -12.375   56.20    0                4
GRID       18648    0        186.250 -15.850   56.20    0      0
GRID       18649    0        186.250 -17.850   56.20    0      0
GRID       18651    0        186.250  17.850   58.39    0      0
GRID       18652    0        186.250  15.850   58.39    0      0
GRID       18653    0        186.250 -15.850   58.39    0      0
GRID       18654    0        186.250 -17.850   58.39    0      0
GRID       18656    0        186.250  17.850   63.12    0      0
GRID       18657    0        186.250  15.850   63.12    0      0
GRID       18658    0        186.250 -15.850   63.12    0      0
GRID       18659    0        186.250 -17.850   63.12    0      0
GRID       18661    0        186.250  17.850   65.60    0      0
GRID       18662    0        186.250  15.850   65.60    0      0
GRID       18663    0        186.250  12.375   65.60    0      0
GRID       18664    0        186.250   5.790   65.60    0               45
GRID       18665    0        186.25     0.0     65.60    0               45
GRID       18666    0        186.250  -5.790   65.60    0               45
GRID       18667    0        186.250 -12.375   65.60    0      0
GRID       18668    0        186.250 -15.850   65.60    0      0
GRID       18669    0        186.250 -17.850   65.60    0      0
GRID       18681    0        186.25    17.65    77.57    0               456
GRID       18683    0        186.25    12.375   77.57    0      0
GRID       18685    0        186.25     0.0     77.57    0               456
GRID       18687    0        186.25   -12.375   77.57    0      0
GRID       18689    0        186.25   -17.65    77.57    0               456
$
$                    STA 189.94 PSEUDO-BULKHEAD
```

```
$                    CENTERLINE OF FWD MAIN ROTOR PYLON MOUNTS
$
GRID      18983    0        189.94    12.375   77.57   0            4
GRID      18987    0        189.94   -12.375   77.57   0            4
$
$                          CENTER WING CARRY-THRU SPAR
$                                 209-030-141
$
GRID      19741    0        196.90    17.730   55.390  0        0
GRID      19742    0        196.90    10.090   54.75   0        0
GRID      19743    0        196.90     7.920   54.75   0            4
GRID      19745    0        196.90     0.0     54.75   0            45
GRID      19747    0        196.90    -7.920   54.75   0            4
GRID      19748    0        196.90   -10.090   54.75   0        0
GRID      19749    0        196.90   -17.730   55.390  0        0
GRID      19751    0        196.90    17.730   62.160  0        0
GRID      19752    0        196.90    10.090   62.16   0        0
GRID      19758    0        196.90   -10.090   62.16   0        0
GRID      19759    0        196.90   -17.730   62.160  0        0
GRID      19761    0        196.90    17.730   64.63   0        0
GRID      19762    0        196.90    10.090   64.63   0        0
GRID      19763    0        196.90     7.920   64.63   0            4
GRID      19765    0        196.90     0.0     64.63   0            45
GRID      19767    0        196.90    -7.920   64.63   0            4
GRID      19768    0        196.90   -10.090   64.63   0        0
GRID      19769    0        196.90   -17.730   64.63   0        0
$
$                          STA 211.72 PSEUDO-BULKHEAD
$                    CENTERLINE OF AFT MAIN ROTOR PYLON MOUNTS
$
GRID      21183    0        211.72    12.375   77.57   0            4
GRID      21187    0        211.72   -12.375   77.57   0            4
$
$                          AFT FUSELAGE SUBASSEMBLY
$                                 * * *
$
$                          STA 213.94 BULKHEAD
$                                 209-030-108-007
$                          AFT WING CARRY-THRU SPAR
$                                 209-030-142
$
GRID      21321    0        213.94    16.86    35.97   0            456
GRID      21323    0        213.94    10.00    35.97   0            456
GRID      21325    0        213.94     0.0     35.97   0            456
GRID      21327    0        213.94   -10.00    35.97   0            456
GRID      21329    0        213.94   -16.86    35.97   0            456
GRID      21341    0        213.940   17.590   54.78   0        0
GRID      21343    0        213.940   12.000   54.78   0            4
GRID      21345    0        213.940    0.000   54.78   0            4
```

```
GRID     21347   0        213.940 -12.000   54.78   0          4
GRID     21349   0        213.940 -17.590   54.78   0       0
GRID     21361   0        213.94    17.73   65.00   0         456
GRID     21363   0        213.94    12.375  65.00   0           6
GRID     21364   0        213.94     5.55   65.00   0         456
GRID     21366   0        213.94    -5.55   65.00   0         456
GRID     21367   0        213.94   -12.375  65.00   0           6
GRID     21369   0        213.94   -17.73   65.00   0         456
GRID     21383   0        213.94    12.375  77.57   0       0
GRID     21387   0        213.94   -12.375  77.57   0       0
$
$                    CENTERLINE OF AFT PYLON MOUNT CROSS BEAM
$                              209-031-344-001
$
GRID     21485   0        214.50     0.0    77.57   0             156
$
$                              STA 218.97 BULKHEAD
$                              209-030-109-005
$
GRID     21801   0        218.97    13.98   29.00   0         456
GRID     21803   0        218.97     8.62   27.00   0         456
GRID     21807   0        218.97    -8.62   27.00   0         456
GRID     21809   0        218.97   -13.98   29.00   0         456
GRID     21821   0        218.97    16.72   35.97   0         456
GRID     21823   0        218.97    10.00   35.97   0         456
GRID     21825   0        218.97     0.0    35.97   0         456
GRID     21827   0        218.97   -10.00   35.97   0         456
GRID     21829   0        218.97   -16.72   35.97   0         456
$
$                    AFT SKID GEAR ATTACH POINT / RIGHT SIDE
$
GRID     22312   0        223.29    13.50   31.00   0         456
$
$                    AFT SKID GEAR ATTACH POINT / LEFT SIDE
$
GRID     22318   0        223.29   -13.50   31.00   0         456
$
$                              STA 227.62 BULKHEAD
$                              209-030-110-005
$
GRID     22701   0        227.62    13.42   29.00   0         456
GRID     22703   0        227.62     7.86   27.00   0         456
GRID     22707   0        227.62    -7.86   27.00   0         456
GRID     22709   0        227.62   -13.42   29.00   0         456
GRID     22721   0        227.62    16.43   35.97   0         456
GRID     22723   0        227.62    10.00   35.97   0         456
GRID     22725   0        227.62     0.0    35.97   0         456
GRID     22727   0        227.62   -10.00   35.97   0         456
GRID     22729   0        227.62   -16.43   35.97   0         456
```

```
$
$                                  STA 250.00 BULKHEAD
$                                  209-030-111-107
$
GRID       25001    0        250.00    11.63    29.00    0              456
GRID       25003    0        250.00     7.83    27.00    0              456
GRID       25007    0        250.00    -5.18    27.00    0              456
GRID       25009    0        250.00   -11.63    29.00    0              456
GRID       25021    0        250.00    15.52    35.97    0              456
GRID       25025    0        250.00     0.0     35.97    0              456
GRID       25029    0        250.00   -15.52    35.97    0              456
GRID       25041    0        250.00    16.20    52.59    0              456
GRID       25045    0        250.00     0.00    52.59    0             1456
GRID       25049    0        250.00   -16.20    52.59    0              456
GRID       25061    0        250.00    16.20    64.07    0              456
GRID       25065    0        250.00     0.00    64.07    0              456
GRID       25069    0        250.00   -16.20    64.07    0              456
$
$                                  STA 268.25 BULKHEAD
$                                  209-030-112-013
$
GRID       26801    0        268.25     7.80    28.06    0              456
GRID       26809    0        268.25    -5.21    28.06    0              456
GRID       26821    0        268.25    14.56    35.97    0              456
GRID       26825    0        268.25     0.0     35.97    0              456
GRID       26829    0        268.25   -14.56    35.97    0              456
GRID       26841    0        268.25    14.69    51.49    0              456
GRID       26845    0        268.25     0.00    51.49    0             1456
GRID       26849    0        268.25   -14.69    51.49    0              456
GRID       26861    0        268.25    14.79    63.59    0              456
GRID       26865    0        268.25     0.00    63.59    0              456
GRID       26869    0        268.25   -14.79    63.59    0              456
$
$                                  TAILBOOM JUNCTION BULKHEAD
$                                  209-030-113-001
$
GRID       29905    0        300.63     0.0     31.67    0              456
GRID       29921    0        300.37    11.92    35.97    0              456
GRID       29925    0        300.37     0.0     35.97    0              456
GRID       29929    0        300.37   -11.92    35.97    0              456
GRID       29941    0        299.53    14.29    49.38    0              456
GRID       29945    0        299.53     0.0     49.38    29945         1456
GRID       29949    0        299.53   -14.29    49.38    0              456
GRID       29961    0        298.70    12.29    62.80    0              456
GRID       29965    0        298.70     0.0     62.80    0              456
GRID       29969    0        298.70   -12.29    62.80    0              456
$
$                                  BS  41.32 BULKHEAD
$
```

```
GRID     30045    3        299.570    0.0     49.590 0        0
$
$                                 BS  59.50 BULKHEAD
$
GRID     31745    0        317.715    0.0     50.717 0        0
$
$                                 BS  80.44 BULKHEAD
$
GRID     33845    0        338.614    0.0     52.015 0        0
$
$                                 BS 101.38 BULKHEAD
$
GRID     35945    0        359.514    0.0     53.313 0        0
$
$                                 BS 122.33 BULKHEAD
$
GRID     38045    0        380.424    0.0     54.611 0        0
$
$                                 BS 143.28 BULKHEAD
$
GRID     40145    0        401.333    0.0     55.910 0        0
$
$                                 BS 164.23 BULKHEAD
$
GRID     42245    0        422.243    0.0     57.209 0        0
$
$                                 BS 185.18 BULKHEAD
$
GRID     44345    0        443.153    0.0     58.508 0        0
$
$                                 BS 194.30 BULKHEAD
$
GRID     45245    0        452.255    0.0     59.073 0        0
$
$                                 BS 206.17 BULKHEAD
$
GRID     46445    0        464.102    0.0     59.809 0        0
$
$                                 FS  59.06 BULKHEAD
$
GRID     48045    0        480.23     0.0     75.40  0        0
$
$                                 FS  46.95 BULKHEAD
$
GRID     48845    0        488.92     0.0     83.82  0        0
$
$                                 FS  34.66 BULKHEAD
$
GRID     49745    0        497.77     0.0     92.37  0        0
```

```
$
$                                    FS  22.37 BULKHEAD
$
GRID      50645    0        506.60      0.0     100.91  0         0
$
$                                    FS  10.08 BULKHEAD
$
GRID      51545    0        515.43      0.0     109.46  0         0
$
$                                    FS 0.00 BULKHEAD
$
GRID      52045    0        520.67      0.0     118.27  0         0
$
$                                    ELEVATOR
$                                    209-020-800
$
GRID      40141    0        401.33     21.25    55.910  0         0
GRID      40142    0        401.33     20.87    55.910  0         0
GRID      40143    0        401.33      9.68    55.910  0         0
GRID      40147    0        401.33     -9.68    55.910  0         0
GRID      40148    0        401.33    -20.87    55.910  0         0
GRID      40149    0        401.33    -31.25    55.910  0         0
$
$                                    WING / RIGHT SIDE
$                                    209-020-001
$
$
$                                    WS  19.19 RIB
$
GRID      61912    0        186.25     19.19    65.60   0         0
GRID      61913    0        186.25     19.19    64.31   0         0
GRID      61914    0        186.25     19.19    63.12   0         0
GRID      61916    0        186.25     19.19    58.39   0         0
GRID      61917    0        186.25     19.19    57.39   0         0
GRID      61918    0        186.25     19.19    56.20   0         0
GRID      61922    0        196.90     19.19    63.04   0         0
GRID      61923    0        196.90     19.19    62.16   0         0
GRID      61924    0        196.90     19.19    61.35   0         0
GRID      61926    0        196.90     19.19    56.07   0         0
GRID      61927    0        196.90     19.19    55.39   0         0
GRID      61928    0        196.90     19.19    54.37   0         0
GRID      61934    0        213.94     19.19    55.42   0         0
GRID      61935    0        213.94     19.19    54.78   0         0
GRID      61936    0        213.94     19.19    54.08   0         0
$
$                                    WS  22.19 RIB
$
GRID      62211    0        186.93     22.19    66.05   0                   456
GRID      62213    0        186.93     22.19    64.31   0         0
```

```
GRID     62217   0       186.93  22.19   57.39   0       0
GRID     62219   0       186.93  22.19   56.00   0               456
GRID     62221   0       197.44  22.19   63.95   0       0
GRID     62224   0       197.44  22.19   61.35   0       0
GRID     62226   0       197.44  22.19   56.07   0       0
GRID     62229   0       197.44  22.19   54.10   0       0
GRID     62231   0       213.94  22.19   56.35   0       0
GRID     62239   0       213.94  22.19   54.08   0       0
$
$                                WS  28.00 RIB
$
GRID     62811   0       188.25  28.00   66.05   0               456
GRID     62819   0       188.25  28.00   56.73   0               456
GRID     62821   0       198.48  28.00   63.95   0               456
GRID     62829   0       198.48  28.00   54.79   0               456
GRID     62831   0       213.94  28.00   56.91   0               456
GRID     62839   0       213.94  28.00   54.71   0               456
$
$                                WS  34.00 RIB
$
GRID     63411   0       189.62  34.00   66.05   0               456
GRID     63419   0       189.62  34.00   57.49   0               456
GRID     63421   0       199.56  34.00   63.95   0               456
GRID     63429   0       199.56  34.00   55.50   0               456
GRID     63431   0       213.94  34.00   57.49   0               456
GRID     63439   0       213.94  34.00   55.36   0               456
$
$                                WS  42.50 RIB
$
GRID     64211   0       191.55  42.50   66.05   0               456
GRID     64219   0       191.55  42.50   58.56   0               456
GRID     64221   0       201.08  42.50   63.95   0               456
GRID     64229   0       201.08  42.50   56.50   0       0
GRID     64231   0       213.94  42.50   58.31   0               456
GRID     64239   0       213.94  42.50   56.28   0               456
$
$                                WS  50.75 RIB
$
GRID     65011   0       193.42  50.75   66.05   0               456
GRID     65019   0       193.42  50.75   59.60   0               456
GRID     65021   0       202.56  50.75   63.95   0               456
GRID     65029   0       202.56  50.75   57.48   0               456
GRID     65031   0       213.94  50.75   59.11   0               456
GRID     65039   0       213.94  50.75   57.17   0               456
$
$                                WS  59.00 RIB
$
GRID     65911   0       195.30  59.00   66.05   0               456
GRID     65919   0       195.30  59.00   60.64   0               456
```

```
GRID       65924    0        204.04    59.00    63.95    0              456
GRID       65929    0        204.04    59.00    58.45    0        0
GRID       65931    0        213.94    59.00    59.91    0              456
GRID       65939    0        213.94    59.00    58.06    0              456
$
$                                  WING / LEFT SIDE
$                                    209-020-001
$
$
$                                  WS -19.19 RIB
$
GRID       71912    0        186.25   -19.19    65.60    0        0
GRID       71913    0        186.25   -19.19    64.31    0        0
GRID       71914    0        186.25   -19.19    63.12    0        0
GRID       71916    0        186.25   -19.19    58.39    0        0
GRID       71917    0        186.25   -19.19    57.39    0        0
GRID       71918    0        186.25   -19.19    56.20    0        0
GRID       71922    0        196.90   -19.19    63.04    0        0
GRID       71923    0        196.90   -19.19    62.16    0        0
GRID       71924    0        196.90   -19.19    61.35    0        0
GRID       71926    0        196.90   -19.19    56.07    0        0
GRID       71927    0        196.90   -19.19    55.39    0        0
GRID       71928    0        196.90   -19.19    54.37    0        0
GRID       71934    0        213.94   -19.19    55.42    0        0
GRID       71935    0        213.94   -19.19    54.78    0        0
GRID       71936    0        213.94   -19.19    54.08    0        0
$
$                                  WS -22.19 RIB
$
GRID       72211    0        186.93   -22.19    66.05    0              456
GRID       72213    0        186.93   -22.19    64.31    0        0
GRID       72217    0        186.93   -22.19    57.39    0        0
GRID       72219    0        186.93   -22.19    56.00    0              456
GRID       72221    0        197.44   -22.19    63.95    0        0
GRID       72224    0        197.44   -22.19    61.35    0        0
GRID       72226    0        197.44   -22.19    56.07    0        0
GRID       72229    0        197.44   -22.19    54.10    0        0
GRID       72231    0        213.94   -22.19    56.35    0        0
GRID       72239    0        213.94   -22.19    54.08    0        0
$
$                                  WS -28.00 RIB
$
GRID       72811    0        188.25   -28.00    66.05    0              456
GRID       72819    0        188.25   -28.00    56.73    0              456
GRID       72821    0        198.48   -28.00    63.95    0              456
GRID       72829    0        198.48   -28.00    54.79    0              456
GRID       72831    0        213.94   -28.00    56.91    0              456
GRID       72839    0        213.94   -28.00    54.71    0              456
$
```

```
$                                    WS -34.00 RIB
$
GRID     73411    0        189.62   -34.00    66.05   0          456
GRID     73419    0        189.62   -34.00    57.49   0          456
GRID     73421    0        199.56   -34.00    63.95   0          456
GRID     73429    0        199.56   -34.00    55.50   0          456
GRID     73431    0        213.94   -34.00    57.49   0          456
GRID     73439    0        213.94   -34.00    55.36   0          456
$
$                                    WS -42.50 RIB
$
GRID     74211    0        191.55   -42.50    66.05   0          456
GRID     74219    0        191.55   -42.50    58.56   0          456
GRID     74221    0        201.08   -42.50    63.95   0          456
GRID     74229    0        201.08   -42.50    56.50   0        0
GRID     74231    0        213.94   -42.50    58.31   0          456
GRID     74239    0        213.94   -42.50    56.28   0          456
$
$                                    WS -50.75 RIB
$
GRID     75011    0        193.42   -50.75    66.05   0          456
GRID     75019    0        193.42   -50.75    59.60   0          456
GRID     75021    0        202.56   -50.75    63.95   0          456
GRID     75029    0        202.56   -50.75    57.48   0          456
GRID     75031    0        213.94   -50.75    59.11   0          456
GRID     75039    0        213.94   -50.75    57.17   0          456
$
$                                    WS -59.00 RIB
$
GRID     75911    0        195.30   -59.00    66.05   0          456
GRID     75919    0        195.30   -59.00    60.64   0          456
GRID     75921    0        204.04   -59.00    63.95   0          456
GRID     75929    0        204.04   -59.00    58.45   0        0
GRID     75931    0        213.94   -59.00    59.91   0          456
GRID     75939    0        213.94   -59.00    58.06   0          456
$
$                                  MAIN ROTOR MAST
$                                  209-010-450
GRID     200070   0        200.00     0.0     70.00   0        0
$                              MAIN ROTOR TRANSMISSION
$                                  204-040-009
$
GRID     200078   0        200.00     0.0     77.57   0        0
GRID     200079   0        200.00     0.0     79.05   0        0
GRID     200086   0        200.00     0.0     86.25   0        0
GRID     200087   0        200.00     0.0     86.25   0        0
GRID     200095   0        200.00     0.0     95.00   0        0
GRID     200096   0        200.00     0.0     95.00   0        0
GRID     200101   0        200.00     0.0    100.675  0        0
```

```
GRID       200106  0        200.00      0.0     106.00  0       0
GRID       200114  0        200.00      0.0     114.00  0       0
GRID       200121  0        200.00      0.0     121.00  0       0
GRID       200129  0        200.00      0.0     129.00  0       0
GRID       200137  0        200.00      0.0     137.00  0       0
GRID       200145  0        200.00      0.0     145.00  0       0
GRID       200153  0        200.00      0.0     152.76  0       0
GRID       200155  0        200.00      0.0     154.97  0       0
$
$                          MAIN ROTOR TRANSMISSION CASE SUPPORT ASSEMBLY
$                                    204-040-354-009
$
GRID       189073  0        189.94    12.375    77.57   0       0
GRID       189077  0        189.94   -12.375    77.57   0       0
GRID       211073  0        211.72    12.375    77.57   0       0
GRID       211077  0        211.72   -12.375    77.57   0       0
GRID       214075  0        214.50      0.0     77.57   0       0
$
$                                       TAIL ROTOR MAST
$                                         204-040-402
$                                    TAIL ROTOR GEARBOX
$                                         204-040-012
$
GRID       520018  0        520.67     1.80     118.27  0       0
GRID       520024  0        520.67     2.42     118.27  0       0
GRID       520057  0        520.67     5.69     118.27  0       0
GRID       520065  0        520.67     6.45     118.27  0       0
GRID       520068  0        520.67     6.82     118.27  0       0
GRID       520079  0        520.67     7.90     118.27  0       0
GRID       520135  0        520.67    13.47     118.27  0       0
GRID       520139  0        520.67    13.88     118.27  0       0
GRID       520152  0        520.67    15.19     118.27  0       0
GRID       520185  0        520.67    18.488    118.27  0       0
$
$                                    SKID LANDING GEAR
$                                         209-050-002
$
GRID       211002  0        110.20    40.00      7.35   0       0
GRID       214902  0        149.63    40.00      7.35   0       0
GRID       222002  0        220.37    40.00      7.35   0       0
GRID       223402  0        234.92    40.00      7.35   0       0
GRID       215102  0        151.85    29.00     26.00   0       0
GRID       215202  0        152.45    13.50     30.34   0       0
GRID       222202  0        222.67    29.00     26.00   0       0
GRID       222302  0        223.29    13.50     31.00   0       0
GRID       211001  0        110.20   -40.00      7.35   0       0
GRID       214901  0        149.63   -40.00      7.35   0       0
GRID       222001  0        220.37   -40.00      7.35   0       0
GRID       223401  0        234.92   -40.00      7.35   0       0
```

```
GRID     215101   0        151.85   -29.00    26.00    0        0
GRID     215201   0        152.45   -13.50    30.34    0        0
GRID     222201   0        222.67   -29.00    26.00    0        0
GRID     222301   0        223.29   -13.50    31.00    0        0
$
$                                ENGINE MOUNTS
$                          209-060-106/107/108/109
$
GRID     123487   0        234.069   -9.49    81.75    0                 456
GRID     125383   0        253.326   11.731   80.438   0                 456
GRID     125387   0        253.326  -11.731   80.438   0                 456
GRID     123467   0        234.42   -12.931   65.309   0                 456
GRID     126867   0        267.474   -9.989   64.451   0                 456
GRID     125067   0        250.163  -13.008   64.901   0                 456
GRID     125065   0        250.168   -1.937   64.901   0                 456
GRID     125063   0        250.163   13.008   64.901   0                 456
GRID     126863   0        267.474    9.989   64.451   0                 456
$
$                                   ENGINE
$                                209-060-005
$
GRID     122400   0        224.100    0.0     86.00    0        0
GRID     124800   0        248.00     0.0     86.00    0        0
GRID     127200   0        272.800    0.0     86.00    0        0
$
$                                 GUNNER CG
$
GRID     C8300    0         83.00     0.0     70.00    0                 456
$
$                 40MM DRUM/PALLET AND GRENADES (250 ROUNDS)
$
GRID     11300    0        113.60    10.00    37.00    0                 456
$
$                 7.62MM MAMEE DRUM AND AMMO (4000 ROUNDS)
$
GRID     11700    0        115.80    -7.20    36.00    0                 456
$
$                                  PILOT CG
$
GRID     13500    0        135.00     0.0     78.00    0                 456
$
$                               FORWARD FUEL CG
$
GRID     17100    0        169.00     0.0     53.00    0                 456
$
$                                 AFT FUEL CG
$
GRID     23100    0        232.00     0.0     51.00    0                 456
$
```

```
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                                        END
$                                  GRID POINT DATA
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                                       BEGIN
$                            GRID POINT RESEQUENCING (SEQGP CARDS)
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
$                                 DEPARTMENT OF APPLIED MATHEMATICS
$                           NAVAL SHIP RESEARCH AND DEVELOPMENT CENTER
$                                    WASHINGTON, D.C. 20007
$                                     REV. 16 JAN 70 (823)
$
SEQGP      3331     1                          3339     4     3341     2
SEQGP      3349     8     4631     5           4633     6
SEQGP      4637    12     4639     7           4641    10     4649    15
SEQGP      4661     9                          4669    21     6123    16
SEQGP                      6127    27          6131    14     6133    17
SEQGP      6137    18     6139    20          6141    13     6143    28
SEQGP      6147    36     6149    19          6161    24     6163    25
SEQGP      6167    31     6169    32          6171    23
SEQGP      6179    38     7031    29          7033    30     7037    34
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CONM2	161928	71928	0.269
CONM2	161934	71934	0.171
CONM2	161935	71935	0.167
CONM2	161936	71936	0.164
CONM2	162211	72211	0.517
CONM2	162213	72213	0.530
CONM2	162217	72217	0.506
CONM2	162219	72219	0.488
CONM2	162221	72221	1.708

CONM2	162224	72224	1.528
CONM2	162226	72226	1.141
CONM2	162229	72229	0.874
CONM2	162231	72231	0.400
CONM2	162239	72239	0.381
CONM2	162811	72811	0.960
CONM2	162819	72819	1.111
CONM2	162821	72821	1.904
CONM2	162829	72829	1.798
CONM2	162831	72831	0.612
CONM2	162839	72839	0.595
CONM2	163411	73411	1.969
CONM2	163419	73419	2.323
CONM2	163421	73421	3.041
CONM2	163429	73429	2.881
CONM2	163431	73431	1.144
CONM2	163439	73439	1.118
CONM2	164211	74211	2.314
CONM2	164219	74219	3.090
CONM2	164221	74221	3.275
CONM2	164229	74229	3.561
CONM2	164231	74231	1.265
CONM2	164239	74239	1.243
CONM2	165011	75011	1.382
CONM2	165019	75019	2.036
CONM2	165021	75021	1.737
CONM2	165029	75029	2.148
CONM2	165031	75031	0.796
CONM2	165039	75039	0.790
CONM2	165911	75911	0.693
CONM2	165919	75919	0.967
CONM2	165921	75921	1.009
CONM2	165929	75929	1.298
CONM2	165931	75931	0.517
CONM2	165939	75939	0.509
CONM2	301002	211002	4.953
CONM2	304902	214902	13.024
CONM2	312002	222002	6.744
CONM2	313402	223402	5.142
CONM2	305102	215102	3.158
CONM2	305202	215202	0.961
CONM2	312202	222202	6.554
CONM2	312302	222302	1.635
CONM2	301001	211001	4.953
CONM2	304901	214901	13.024
CONM2	312001	222001	6.744
CONM2	313401	223401	5.142
CONM2	305101	215101	3.676
CONM2	305201	215201	0.952

```
CONM2      312201  222201          6.554
CONM2      312301  222301          1.619
CONM2      290070  200070         34.465
CONM2      290078  200078         22.740
CONM2      290079  200079         51.048
CONM2      290086  200086         60.052
CONM2      290087  200087         60.052
CONM2      290095  200095        64.933
CONM2      290096  200096         64.933
CONM2      290101  200101         57.277
CONM2      290106  200106         47.013
CONM2      290114  200114         66.626
CONM2      290121  200121         54.350
CONM2      290129  200129         13.810
CONM2      290137  200137          9.253
CONM2      290145  200145         12.065
CONM2      290153  200153          5.852
CONM2      390153  200153        458.000   MR BLADE
CONM2      490153  200153        489.500   MR HUB
CONM2      290155  200155          6.124
CONM2      610018  520018          5.662
CONM2      610024  520024          5.537
CONM2      610057  520057          4.420
CONM2      610065  520065          0.0
CONM2      610068  520068          0.819
CONM2      610079  520079          4.374
CONM2      610135  520135          1.007
CONM2      610139  520139          0.245
CONM2      710139  520139         16.500   TR HUB
CONM2      610152  520152          0.568
CONM2      710152  520152         14.300   TR BLADE
CONM2      610185  520185          1.583
$
$                          XM-28 WEAPONS INSTALLATION
$
CONM2       97505    7505          1.000   FLUID
CONM2       97506    7505        124.500   TURRET
CONM2       97507    7505          2.300   CLOSUREL
CONM2       97508    7505          2.300   CLOSURER
CONM2       97509    7505          0.100   TUB STP
CONM2       97510    7505         40.800   LAUNCHER
CONM2       97511    7505         10.300   CRADLE
CONM2       97512    7505          9.100   G/BMOTOR
CONM2       97513    7505         48.300   MINIGUN
CONM2       97514    7505          1.000   CABLE
CONM2       97515    7505          1.500   GEARBOX
CONM2       97516    7505          7.700   MOTOR
CONM2       97517    7505          4.500   FEEDTRAY
$
```

```
$                    ENGINE AND ENGINE-SUPPORTED WEIGHT ITEMS
$
CONM2      124800   124800          530.000                              ENGINE
+NGINE   1.78+4            1.10+5                 9.43+4
CONM2      124801   124800           48.000                              STARTER
CONM2      124802   124800            5.000                              RESFLUID
CONM2      124803   124800            1.550                              1/2 DS
CONM2      124804   124800            0.800                              TACHXMTR
$
$
$
$                    BASIC MISSION CONFIGURATION USEFUL LOADS
$                                  3173.1 LB
$
$
$                                  GUNNER CG
$
CONROD   0020081  7033    08300    2014     1.0
CONROD   0020082  7037    08300    2014     1.0
CONROD   0020083  9333    08300    2014     1.0
CONROD   0020084  9337    08300    2014     1.0
CONM2      908300    08300          200.000                              BASIC
$
$                  40MM DRUM/PALLET AND GRENADES (250 ROUNDS)
$
CONROD   0150151  9313    11300    2014     1.0
CONROD   0150152  9317    11300    2014     1.0
CONROD   0150153 13803    11300    2014     1.0
CONROD   0150154 13807    11300    2014     1.0
CONM2      911300    11300           75.00                              BASIC
CONM2     1011300    11300          190.000                             BASIC
$
$                  7.62MM MAMEE DRUM AND AMMO (4000 ROUNDS)
$
CONROD   0150201  9313    11700    2014     1.0
CONROD   0150202  9317    11700    2014     1.0
CONROD   0150203 13803    11700    2014     1.0
CONROD   0150204 13807    11700    2014     1.0
CONM2     1011700    11700           63.300                              BASIC
CONM2     1111700    11700          260.000                              BASIC
$
$                                  PILOT CG
$
CONROD   0010091 14843    13500    2014     1.0
CONROD   0010092 14847    13500    2014     1.0
CONROD   0010093 14883    13500    2014     1.0
CONROD   0010094 14887    13500    2014     1.0
CONM2      913500    13500          200.000                              BASIC
```

```
$
$                                  FORWARD FUEL CG
$
CONROD   0031071 14823    17100    2014     1.0
CONROD   0031072 14827    17100    2014     1.0
CONROD   0031073 18621    17100    2014     1.0
CONROD   0031074 18629    17100    2014     1.0
CONM2      917100   17100            775.000                                  BA>2"
CONM2     1017100   17100              4.250                                  BASIC
$
$                                   AFT FUEL CG
$
CONROD   0031081 21321    23100    2014     1.0
CONROD   0031082 21329    23100    2014     1.0
CONROD   0031083 25021    23100    2014     1.0
CONROD   0031084 25029    23100    2014     1.0
CONM2      923100   23100            825.000                                  BASIC
CONM2     1023100   23100              4.250                                  BASIC
$                                TRANSMISSION OIL
$
CONM2     9200070  200070             26.100                                  BASIC
$
$                                   ENGINE OIL
$
CONM2      124805  124800             26.700                                  BASIC
CONM2      124805  124800              2.200                                  BASIC
$                        42 AND 90 DEGREE GEAR BOX FLUIDS
$
CONM2      946445   46445              0.300                                  BASIC
CONM2      952045   52045              0.400                                  BASIC
$
$
$                              WING PYLONS AND STORES
$
$
$                                   RIGHT WING
$
CONM2      965929   65929             17.800                                  BASIC
CONM2     1065929   65929            202.700    -7.04      0.0    -7.45        BASIC
CONM2     1165929   65929             39.800    -2.74      0.0   -16.05        BASIC
$
$                                   LEFT WING
$
CONM2      975929   75929             17.800                                  BASIC
CONM2     1075929   75929            202.700    -7.04      0.0    -7.45        BASIC
CONM2     1175929   75929             39.800    -2.74      0.0   -16.05        BASIC
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

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$                                   END
$                          WEIGHTS DATA (CONM2 CARDS)
$ * * *
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OMIT	8561	123
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OMIT	9307	123
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OMIT	9349	23
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OMIT	9373	23
OMIT	9377	23
OMIT	9379	123
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OMIT	11533	23
OMIT	11537	13
OMIT	11539	12
OMIT	11543	12
OMIT	11547	12
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OMIT	11571	13
OMIT	11579	13
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OMIT	13803	123
OMIT	13807	123
OMIT	13809	123
OMIT	13821	123

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COMMON/ALL/
COMMON/ALL/
COMMON/ALL/
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OMIT      18633     23
OMIT      18635     23
OMIT      18637     23
OMIT      18639    123
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OMIT      18642     23456
OMIT      18643    12356
OMIT      18644    1236
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OMIT      18646    1236
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OMIT      19741    123456
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OMIT      21367    12345
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OMIT      21807    123
OMIT      21809    123
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OMIT      21823    123
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OMIT      22707    123
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OMIT	22721	123
OMIT	22723	123
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OMIT	26809	123
OMIT	26821	23
OMIT	26825	13
OMIT	26829	123
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OMIT	40145	456
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OMIT	40148	123456
OMIT	40149	2456
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OMIT	71934	126
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OMIT	61936	126
OMIT	71936	126
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OMIT	62219	123
OMIT	72219	123
OMIT	62221	123456
OMIT	72221	123456
OMIT	62224	123456

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OMIT      72226    123456
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OMIT      72811    123
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OMIT      72829      3
OMIT      62831    123
OMIT      72831    123
OMIT      62839     12
OMIT      72839     12
OMIT      63411    123
OMIT      73411    123
OMIT      63419    123
OMIT      73419    123
OMIT      63421      3
OMIT      73421      3
OMIT      63429     12
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OMIT      75021      3
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OMIT	215201	123456
OMIT	215202	123456
OMIT	222001	456
OMIT	222002	456
OMIT	222201	123456
OMIT	222202	123456
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OMIT      520165   123456
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                                  END
$                        CONDENSATION (OMIT CARDS)
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                              ELEMENT DATA
$                                BEGIN
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
$
$                    UPPER MAIN BEAM CAP / RIGHT-HAND SIDE
$                                209-030-157-003
$                          STA   61.25 TO STA 186.25
$                                209-030-160-009
$                          STA  186.25 TO STA 298.75
$
CONROD   1570031  6163     7063    7075     0.198
CONROD   1570032  7063     8563    7075     0.195
CONROD   1570033  8563     9363    7075     0.192
CONROD   1570034  9363    11563    7075     0.325
CONROD   1570035 11563    13863    7075     0.284
CONROD   1570036 13863    14863    7075     0.301
CONROD   1570037 14863    18661    7075     0.285
CONROD   1600091 18661    19761    7075     0.411
CONROD   1600092 19761    21361    7075     0.444
CONROD   1600093 21361    25061    7075     0.404
CONROD   1600094 25061    26861    7075     0.390
CONROD   1600095 26861    29961    7075     0.647
$
$                    LOWER MAIN BEAM CAP / RIGHT-HAND SIDE
$                                209-030-158-004
$                          STA   61.25 TO STA 148.50
$
CONROD   1580041  6133     7033    7075     0.247
CONROD   1580042  7033     8533    7075     0.248
CONROD   1580043  8533     9333    7075     0.249
CONROD   1580044  9333    11533    7075     0.344
```

```
CONROD   1580045  1   3    13833    7075     0.347
CONROD   1580046  1 833    14833    7075     0.227
$
$                          LOWER MAIN BEAM CAP / RIGHT-HAND SIDE
$                                    209-030-159-007
$                               STA 138.70 TO STA 186.25
$                                    209-030-161-029
$                               STA 186.25 TO STA 300.42
$
CONROD   1590071 13823    14823    7075     0.264
CONROD   1590072 14823    15623    7075     0.285
CONROD   1590073 15623    18621    7075     0.309
CONROD   1610291 18621    21321    7075     0.513
CONROD   1610292 21321    21821    7075     0.545
CONROD   1610293 21821    22721    7075     0.640
CONROD   1610294 22721    25021    7075     0.420
CONROD   1610295 25021    26821    7075     0.410
CONROD   1610296 26821    29921    7075     0.450
$
$                    LOWER MAIN BEAM AUXILLARY CAP / RIGHT-HAND SIDE
$                                    209-030-161-015
$                               STA 138.70 TO STA 186.25
$
CONROD   1610151 13821    14821    7075     0.128
CONROD   1610152 14821    15621    7075     0.128
CONROD   1610153 15621    18621    7075     0.128
$
$                    LOWER MAIN BEAM AUXILLARY CAP / RIGHT-HAND SIDE
$                                    209-030-211-010
$                               STA  46.00 TO STA 148.50
$
CONROD   2110101  4633     6131    7075     0.059
CONROD   2110102  6131     7031    7075     0.187
CONROD   2110103  7031     8531    7075     0.189
CONROD   2110104  8531     9331    7075     0.193
CONROD   2110105  9331    11531    7075     0.243
CONROD   2110106 11531    13831    7075     0.248
CONROD   2110107 13831    14831    7075     0.174
$
$                    UPPER MAIN BEAM AUXILLARY CAP / RIGHT-HAND SIDE
$                                 209-030-250-017/091/171
$                               STA  61.25 TO STA 186.25
$
CONROD   2500171  6161     7061    7075     0.054
CONROD   2500172  7061     8561    7075     0.054
CONROD   2500173  8561     9361    7075     0.054
CONROD   2500911  9361    11561    7075     0.053
CONROD   2500912 11561    13861    7075     0.050
CONROD   2500913 13861    14861    7075     0.067
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CONROD   2501711 14861    18661    7075     0.104
$
$                        COWLING ATTACH ANGLES - RIGHT SIDE
$                                  209-030-136-071
$                                STA 186.25 TO BS  41.32
$
CONROD   1360711 18661    19761    2024     0.378
CONROD   1360712 19761    21361    2024     0.399
CONROD   1360713 21361    25061    2024     0.162
CONROD   1360714 25061    26861    2024     0.082
CONROD   1360715 26861    29961    2024     0.071
$
$                          MAIN BEAM CHANNEL - RIGHT SIDE
$                                  209-030-182-005
$                              STA 186.25 TO STA 213.94
$
CONROD   1820051 18641    19741    7075     0.288
CONROD   1820052 19741    21341    7075     0.288
$
$                          MAIN BEAM WEB / RIGHT-HAND SIDE
$                                  209-030-129-207
$                              STA  61.25 TO STA  93.00
$
$    DOUBLERS
CONROD   1290231   6163     7063    7075     0.048
CONROD   1290232   7063     8563    7075     0.047
CONROD   1290233   8563     9363    7075     0.046
CONROD   1290251   6133     7033    7075     0.072
CONROD   1290252   7033     8533    7075     0.075
CONROD   1290253   8533     9333    7075     0.077
CONROD   1290211   6133     6143    7075     0.035
CONROD   1290212   6143     6163    7075     0.035
CONROD   1290271   9333     9343    7075     0.098
CONROD   1290272   9343     9363    7075     0.098
$    INNER SKIN    209-030-129-209    .025 ALUMINUM
CSHEAR   1292090 0257075  6133     7033     7043     6143
CONROD   1290901   6133     7033    7075     0.073
CONROD   1290902   6143     7043    7075     0.122
CONROD   1290911   6133     6143    7075     0.118
CONROD   1290913   7033     7043    7075     0.118
CSHEAR   1292091 0257075  6143     7043     7063     6163
CONROD   1290903   6143     7043    7075     0.122
CONROD   1290904   6163     7063    7075     0.033
CONROD   1290912   6143     6163    7075     0.118
CONROD   1290914   7043     7063    7075     0.118
CSHEAR   1292092 0257075  7033     8533     8543     7043
CONROD   1290921   7033     8533    7075     0.076
CONROD   1290922   7043     8543    7075     0.126
CONROD   1290931   7033     7043    7075     0.181
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CONROD   1290933   8533     8543     7075     0.181
CSHEAR   1292094   0257075  7033     8543     8563     7063
CONROD   1290923   7043     8543     7075     0.123
CONROD   1290924   7063     8563     7075     0.034
CONROD   1290932   7043     7063     7075     0.181
CONROD   1290934   8543     8563     7075     0.181
CSHEAR   1292094   0257075  8533     9333     9343     8543
CONROD   1290941   8533     9333     7075     0.073
CONROD   1290942   8543     9343     7075     0.130
CONROD   1290951   8533     8543     7075     0.123
CONROD   1290953   9333     9343     7075     0.123
CSHEAR   1292095   0257075  8543     9343     9363     8563
CONROD   1290943   8543     9343     7075     0.130
CONROD   1290944   8563     9363     7075     0.035
CONROD   1290952   8543     8563     7075     0.123
CONROD   1290954   9343     9363     7075     0.123
$    INTERIOR SKIN    209-030-129-041    .016 ALUMINUM
CSHEAR   1290411   0167075  7033     8533     8543     7043
CONROD   1294121   7033     8533     7075     0.011
CONROD   1294122   7043     8543     7075     0.057
CONROD   1294131   7033     7043     7075     0.116
CONROD   1294133   8533     8543     7075     0.116
CSHEAR   1290412   0167075  7043     8543     8563     7063
CONROD   1294123   7043     8543     7075     0.057
CONROD   1294124   7063     8563     7075     0.001
CONROD   1294132   7043     7063     7075     0.116
CONROD   1294134   8543     8563     7075     0.116
$    INTERIOR SKIN    209-030-129-159    .016 ALUMINUM
CSHEAR   1291591   0167075  7033     8533     8543     7043
CONROD   1295901   7033     8533     7075     0.024
CONROD   1295902   7043     8543     7075     0.071
CONROD   1295911   7033     7043     7075     0.116
CONROD   1295913   8533     8543     7075     0.116
CSHEAR   1291592   0167075  7043     8543     8563     7063
CONROD   1295903   7043     8543     7075     0.071
CONROD   1295904   7063     8563     7075     0.001
CONROD   1295912   7043     7063     7075     0.116
CONROD   1295914   8543     8563     7075     0.116
$    OUTER SKIN    209-030-129-183    .016 ALUMINUM
CSHEAR   1291831   0167075  6133     7033     7043     6143
CONROD   1298301   6133     7033     7075     0.026
CONROD   1298302   6143     7043     7075     0.071
CONROD   1298311   6133     6143     7075     0.065
CONROD   1298313   7033     7043     7075     0.065
CSHEAR   1291832   0167075  6143     7043     7063     6163
CONROD   1298303   6143     7043     7075     0.071
CONROD   1298304   6163     7063     7075     0.003
CONROD   1298312   6143     6163     7075     0.065
CONROD   1298314   7043     7063     7075     0.065
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CSHEAR  1291833 0167075  7033     8533     8543     7043
CONROD  1298321  7033    8533     7075     0.028
CONROD  1298322  7043    8543     7075     0.074
CONROD  1298331  7033    7043     7075     0.116
CONROD  1298333  8533    8543     7075     0.116
CSHEAR  1291834 0167075  7043     8543     8563     7063
CONROD  1298323  7043    8543     7075     0.074
CONROD  1298324  7063    8563     7075     0.003
CONROD  1298332  7043    7063     7075     0.116
CONROD  1298334  8543    8563     7075     0.116
CSHEAR  1291835 0167075  8533     9333     9343     8543
CONROD  1298341  8533    9333     7075     0.033
CONROD  1298342  8543    9343     7075     0.079
CONROD  1298351  8533    8543     7075     0.062
CONROD  1298353  9333    9343     7075     0.062
CSHEAR  1291836 0167075  8543     9343     9363     8563
CONROD  1298343  8543    9343     7075     0.079
CONROD  1298344  8563    9363     7075     0.007
CONROD  1298352  8543    8563     7075     0.062
CONROD  1298354  9343    9363     7075     0.062
$
$                              MAIN BEAM WEB / RIGHT-HAND SIDE
$                                    209-030-129-207
$                                 STA  93.00 TO STA 138.70
$
$    DOUBLERS
CONROD  1290234  9363    11563    7075     0.024
CONROD  1290235 11563    13863    7075     0.024
CONROD  1290331  9343    11543    7075     0.090
CONROD  1291971 11533    13833    7075     0.044
CONROD  1290254  9333    11533    7075     0.046
CONROD  1291972 11543    13843    7075     0.090
CONROD  1290273  9333     9343    7075     0.043
CONROD  1290274  9343     9363    7075     0.043
CONROD  1291373 13833    13843    7075     0.054
CONROD  1291374 13843    13863    7075     0.054
$    INNER SKIN    209-030-129-209    .025 ALUMINUM
CSHEAR  1292096 0257075  9333     11533    11543    9343
CONROD  1290961  9333    11533    7075     0.079
CONROD  1290962  9343    11543    7075     0.134
CONROD  1290971  9333     9343    7075     0.256
CONROD  1290973 11533    11543    7075     0.256
CSHEAR  1292097 0257075  9343     11543    11563    9363
CONROD  1290963  9343    11543    7075     0.134
CONROD  1290964  9363    11563    7075     0.042
CONROD  1290972  9343     9363    7075     0.256
CONROD  1290974 11543    11563    7075     0.256
CSHEAR  1292098 0257075 11533    13833    13843    11543
CONROD  1290981 11533    13833    7075     0.077
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CONROD   1290982  11543    13843    7075     0.140
CONROD   1290993  11533    11543    7075     0.289
CONROD   1290995  13833    13843    7075     0.289
CSHEAR   1292099  0257075  11543    13843    13863    11563
CONROD   1290983  11543    13843    7075     0.140
CONROD   1290984  11563    13863    7075     0.054
CONROD   1290994  11543    11563    7075     0.289
CONROD   1290996  13843    13863    7075     0.289
$    OUTER SKIN    209-030-129-149     .016  ALUMINUM
CSHEAR   1291491  0167075   9333    11533    11543     9343
CONROD   1294901   9333    11533    7075     0.030
CONROD   1294902   9343    11543    7075     0.080
CONROD   1294911   9333     9343    7075     0.155
CONROD   1294913  11533    11543    7075     0.155
CSHEAR   1291492  0167075   9343    11543    11563     9363
CONROD   1294903   9343    11543    7075     0.080
CONROD   1294904   9363    11563    7075     0.007
CONROD   1294912   9343     9363    7075     0.155
CONROD   1294914  11543    11563    7075     0.155
CSHEAR   1291493  0167075  11533    13833    13843    11543
CONROD   1294921  11533    13833    7075     0.028
CONROD   1294922  11543    13843    7075     0.084
CONROD   1294931  11533    11543    7075     0.176
CONROD   1294933  13833    13843    7075     0.176
CSHEAR   1291494  0167075  11543    13843    13863    11563
CONROD   1294923  11543    13843    7075     0.084
CONROD   1294924  11563    13863    7075     0.014
CONROD   1294932  11543    11563    7075     0.176
CONROD   1294934  13843    13863    7075     0.176
$
$                          MAIN BEAM WEB / RIGHT-HAND SIDE
$                                209-030-129-207
$                             STA 138.70 TO STA 148.50
$
$    DOUBLERS
CONROD   1291985  13863    14863    7075     0.075
CONROD   1291984  13843    14843    7075     0.163
CONROD   1291273  13833    14833    7075     0.084
CONROD   1291274  13833    13843    7075     0.044
CONROD   1291986  13843    13863    7075     0.087
CONROD   1291275  14833    14843    7075     0.036
CONROD   1291987  14843    14863    7075     0.083
$    INNER SKIN    209-030-129-209     .025  ALUMINUM
CSHEAR   1292101  0257075  13803    14803    14823    13823
CONROD   1291001  13803    14803    7075     0.056
CONROD   1291002  13823    14823    7075     0.158
CONROD   1291011  13803    13823    7075     0.120
CONROD   1291015  14803    14823    7075     0.120
CSHEAR   1292102  0257075  13823    14823    14833    13833
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CONROD   1291003 13823    14823    7075     0.158
CONROD   1291004 13833    14833    7075     0.088
CONROD   1291012 13823    13833    7075     0.120
CONROD   1291016 14823    14833    7075     0.120
CSHEAR   1292103 0257075  13833    14833    14843    13843
CONROD   1291005 13833    14833    7075     0.078
CONROD   1291006 13843    14843    7075     0.144
CONROD   1291013 13833    13843    7075     0.120
CONROD   1291017 14833    14843    7075     0.120
CSHEAR   1292104 0257075  13843    14843    14863    13863
CONROD   1291007 13843    14843    7075     0.144
CONROD   1291008 13863    14863    7075     0.063
CONROD   1291014 13843    13863    7075     0.120
CONROD   1291018 14843    14863    7075     0.120
$    INTERIOR SKIN    209-030-129-197    .040 ALUMINUM
CSHEAR   1291981 0407075  13803    14803    14823    13823
CONROD   1299801 13803    14803    7075     0.167
CONROD   1299802 13823    14823    7075     0.167
CONROD   1299811 13803    13823    7075     0.191
CONROD   1299814 14803    14823    7075     0.191
CSHEAR   1291982 0407075  13823    14823    14833    13833
CONROD   1299803 13823    14823    7075     0.201
CONROD   1299804 13833    14833    7075     0.201
CONROD   1299812 13823    13833    7075     0.191
CONROD   1299815 14823    14833    7075     0.191
CSHEAR   1291983 0407075  13833    14833    14843    13843
CONROD   1299805 13833    14833    7075     0.142
CONROD   1299806 13843    14843    7075     0.142
CONROD   1299813 13833    13843    7075     0.191
CONROD   1299816 14833    14843    7075     0.191
$    OUTER SKIN    209-030-129-127    .020 ALUMINUM
CSHEAR   1291271 0207075  13803    14803    14823    13823
CONROD   1292701 13803    14803    7075     0.047
CONROD   1292702 13823    14823    7075     0.122
CONROD   1292711 13803    13823    7075     0.096
CONROD   1292713 14803    14823    7075     0.096
CSHEAR   1291272 0207075  13823    14823    14833    13833
CONROD   1292703 13823    14823    7075     0.122
CONROD   1292704 13833    14833    7075     0.034
CONROD   1292712 13823    13833    7075     0.096
CONROD   1292714 14823    14833    7075     0.096
$    OUTER SKIN    209-030-129-017    .016 ALUMINUM
CSHEAR   1290171 0167075  13843    14843    14863    13863
CONROD   1291701 13843    14843    7075     0.035
CONROD   1291702 13863    14863    7075     0.035
CONROD   1291703 13843    13863    7075     0.055
CONROD   1291704 14843    14863    7075     0.055
$    OUTER SKIN    209-030-129-019    .016 ALUMINUM
CSHEAR   1290191 0167075  13833    14833    14843    13843
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CONROD   1291901 13833    14833    7075     0.013
CONROD   1291902 13843    14843    7075     0.013
CONROD   1291903 13833    13843    7075     0.055
CONROD   1291904 14833    14843    7075     0.055
$
$                          MAIN BEAM WEB / RIGHT-HAND SIDE
$                                209-030-130-005
$                             STA 148.50 TO STA 186.25
$
$    DOUBLERS
CONROD   1300231 14863    18661    7075     0.062
CONROD   1300352 14823    15623    7075     0.095
CONROD   1300271 15623    18621    7075     0.097
CONROD   1300353 14823    14833    7075     0.109
CONROD   1300411 14833    14843    7075     0.109
CONROD   1300412 14843    14863    7075     0.109
CONROD   1300211 18621    18631    7075     0.108
CONROD   1300212 18631    18641    7075     0.108
CONROD   1300213 18641    18651    7075     0.108
CONROD   1300214 18651    18656    7075     0.108
CONROD   1300215 18656    18661    7075     0.108
$    INNER SKIN    209-030-130-039    .020 GLASS  FABRIC
CSHEAR   1300391 0200076  14823    15623    15633    14833
CONROD   1303901 14823    15623    0076     0.096
CONROD   1303902 14833    15633    0076     0.096
CONROD   1303903 14823    14833    0076     0.074
CONROD   1303904 15623    15633    0076     0.074
CSHEAR   1300392 0200076  15623    18621    18631    15633
CONROD   1303911 15623    18621    0076     0.096
CONROD   1303912 15633    18631    0076     0.096
CONROD   1303921 15623    15633    0076     0.282
CONROD   1303924 18621    18631    0076     0.282
CTRMEM   1300393 0200076  14833    15633    14843
CSHEAR   1300394 0200076  15633    18631    18641    14843
CONROD   1303913 15633    18631    0076     0.096
CONROD   1303914 14843    18641    0076     0.096
CONROD   1303922 15633    14843    0076     0.320
CONROD   1303925 18631    18641    0076     0.320
CSHEAR   1300395 0200076  14843    18651    18656    14863
CONROD   1303915 14843    18651    0076     0.083
CONROD   1303916 14863    18656    0076     0.083
CONROD   1303923 14843    14863    0076     0.357
CONROD   1303926 18651    18656    0076     0.357
$    INTERIOR SKIN    209-030-130-029    .025 TITANIUM
CSHEAR   1300291 0259046  14823    15623    15633    14833
CONROD   1302901 14823    15623    9046     0.050
CONROD   1302902 14833    15633    9046     0.050
CONROD   1302903 14823    14833    9046     0.044
CONROD   1302904 15623    15633    9046     0.044
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$    INTERIOR SKIN    209-030-130-035    .032 TITANIUM
CSHEAR   1300331 0129046 14823    15623    15633    14833
CONROD   1303301 14823    15623    9046     0.089
CONROD   1303302 14833    15633    9046     0.089
CONROD   1303303 14823    14833    9046     0.090
CONROD   1303304 15623    15633    9046     0.090
$    OUTER SKIN    209-030-130-033    .012 TITANIUM
CSHEAR   1300331 0129046 14823    15623    15633    14833
CONROD   1303301 14823    15623    9046     0.057
CONROD   1303302 14833    15633    9046     0.057
CONROD   1303303 14823    14833    9046     0.045
CONROD   1303304 15623    15633    9046     0.045
CSHEAR   1300332 0129046 15623    18621    18631    15633
CONROD   1303311 15623    18621    9046     0.057
CONROD   1303312 15633    18631    9046     0.057
CONROD   1303321 15623    15633    9046     0.169
CONROD   1303324 18621    18631    9046     0.169
CTRMEM   1300333 0129046 14833    15633    14843
CSHEAR   1300334 0129046 15633    18631    18641    14843
CONROD   1303313 15633    18631    9046     0.058
CONROD   1303314 14843    18641    9046     0.058
CONROD   1303322 15633    14843    9046     0.192
CONROD   1303325 18631    18641    9046     0.192
CSHEAR   1300335 0129046 14843    18651    18656    14863
CONROD   1303315 14843    18651    9046     0.050
CONROD   1303316 14863    18656    9046     0.050
CONROD   1303323 14843    14863    9046     0.214
CONROD   1303326 18651    18656    9046     0.214
$
$                          MAIN BEAM WEB / RIGHT-HAND SIDE
$                                209-030-137-032
$                             STA 186.25 TO STA 213.94
$
$    DOUBLERS
CONROD   1370364 19741    21341    7075     0.089
CONROD   1370365 19761    21361    7075     0.067
CONROD   1370366 19741    19751    7075     0.156
CONROD   1370367 19751    19761    7075     0.156
CONROD   1370368 21341    21361    7075     0.089
$    INNER SKIN    209-030-137-024    .012 ALUMINUM
CSHEAR   1370241 0127075 19741    21341    21361    19751
CONROD   1372401 19741    21341    7075     0.020
CONROD   1372402 19751    21361    7075     0.020
CONROD   1372403 19741    19751    7075     0.076
CONROD   1372404 21341    21361    7075     0.076
CTRMEM   1370242 0127075 19751    21361    19761
$    INNER SKIN    209-030-137-036    .040 ALUMINUM
CTRMEM   1370361 0407075 18641    19741    18651
CSHEAR   1370362 0407075 18651    19741    19751    18656
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CONROD   1373601 18651    19741    7075     0.139
CONROD   1373602 18656    19751    7075     0.117
CONROD   1373611 18651    18656    7075     0.213
CONROD   1373613 19741    19751    7075     0.213
CSHEAR   1370363 0407075  18656    19751    19761    18661
CONROD   1373603 18656    19751    7075     0.117
CONROD   1373604 18661    19761    7075     0.001
CONROD   1373612 18656    18661    7075     0.213
CONROD   1373614 19751    19761    7075     0.213
$    OUTER SKIN    209-030-137-006    .040 ALUMINUM
CTRMEM   1370061 0407075  18641    19741    18651
CSHEAR   1370062 0407075  18651    19741    19751    18656
CONROD   1370601 18651    19741    7075     0.143
CONROD   1370602 18656    19751    7075     0.095
CONROD   1370611 18651    18656    7075     0.213
CONROD   1370613 19741    19751    7075     0.213
CSHEAR   1370063 0407075  18656    19751    19761    18661
CONROD   1370603 18656    19751    7075     0.095
CONROD   1370604 18661    19761    7075     0.109
CONROD   1370612 18656    18661    7075     0.213
CONROD   1370614 19751    19761    7075     0.213
CSHEAR   1370064 0407075  19741    21341    21361    19751
CONROD   1370621 19741    21341    7075     0.148
CONROD   1370622 19751    21361    7075     0.148
CONROD   1370623 19741    19751    7075     0.341
CONROD   1370624 21341    21361    7075     0.341
CTRMEM   1370065 0407075  19751    21361    19761
$
$                         MAIN BEAM WEB / RIGHT-HAND SIDE
$                                 209-030-180-019
$                            STA 186.25 TO STA 213.94
$
CONROD   1800191 21321    18641    2024     0.491
$
$                         MAIN BEAM WEB / RIGHT-HAND SIDE
$                                 209-030-120-027
$                            STA 213.94 TO STA 250.00
$
$    DOUBLERS
CONROD   1200133 21321    21821    7075     0.279
CONROD   1200134 21821    22721    7075     0.294
CONROD   1200135 22721    25021    7075     0.351
CONROD   1200151 21361    25061    7075     0.238
CONROD   1200136 21321    21341    7075     0.178
CONROD   1200137 21341    21361    7075     0.178
CONROD   1200091 25021    25041    7075     0.163
CONROD   1200092 25041    25061    7075     0.163
$    INNER SKIN    209-030-120-007    .020 GLASS FABRIC
CTRMEM   1200071 0200076  21321    21821    21341
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CTRMEM   1200072 0200076 21321    22721    21341
CSHEAR   1200073 0200076 22721    25021    25041    21341
CONROD   1200701 22721   25021    0076     0.131
CONROD   1200702 21341   25041    0076     0.203
CONROD   1200711 22721   21341    0076     0.292
CONROD   1200713 25021   25041    0076     0.292
CSHEAR   1200074 0200076 21341    25041    25061    21361
CONROD   1200703 21341   25041    0076     0.203
CONROD   1200704 21361   25061    0076     0.034
CONROD   1200712 21341   21361    0076     0.361
CONROD   1200714 25041   25061    0076     0.361
$    INTERIOR SKIN    209-030-120-013    .032 TITANIUM
CTRMEM   1200131 0329046 21321    21821    21341
CTRMEM   1200132 0329046 21821    22721    21341
$    OUTER SKIN    209-030-120-011    .016 TITANIUM
CTRMEM   1200111 0169046 21321    21821    21341
CTRMEM   1200112 0169046 21821    22721    21341
CSHEAR   1200113 0169046 22721    25021    25041    21341
CONROD   1201101 22721   25021    9046     0.109
CONROD   1201102 21341   25041    9046     0.162
CONROD   1201111 22721   21341    9046     0.234
CONROD   1201113 25021   25041    9046     0.234
CSHEAR   1200114 0169046 21341    25041    25061    21361
CONROD   1201103 21341   25041    9046     0.162
CONROD   1201104 21361   25061    9046     0.027
CONROD   1201112 21341   21361    9046     0.288
CONROD   1201114 25041   25061    9046     0.288
$
$                        MAIN BEAM WEB / RIGHT-HAND SIDE
$                              209-030-118-063
$                          STA 250.00 TO BS  41.32
$
$    INNER SKIN    209-030-118-071    .008 ALUMINUM
CSHEAR   1180711 0082024 25021    26821    26841    25041
CONROD   1187101 25021   26821    2024     0.034
CONROD   1187102 25041   26841    2024     0.074
CONROD   1187111 25021   25041    2024     0.061
CONROD   1187113 26821   26841    2024     0.061
CSHEAR   1180712 0082024 25041    26841    26861    25061
CONROD   1187103 25041   26841    2024     0.074
CONROD   1187104 25061   26861    2024     0.011
CONROD   1187112 25041   25061    2024     0.061
CONROD   1187114 26841   26861    2024     0.061
$    INNER SKIN    209-030-118-045    .008 ALUMINUM
CSHEAR   1180451 0082024 26821    29921    29941    26841
CONROD   1184501 26821   29921    2024     0.023
CONROD   1184502 26841   29941    2024     0.069
CONROD   1184511 26821   26841    2024     0.118
CONROD   1184513 29921   29941    2024     0.118
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CSHEAR   1180452  0322024  26841    29941    29961    26861
CONROD   1184503  26841    29941    2024     0.069
CONROD   1184504  26861    29961    2024     0.014
CONROD   1184505  26841    26861    2024     0.113
CONROD   1184506  29941    29961    2024     0.113
$    OUTER SKIN    209-030-118-069    .071  ALUMINUM
CSHEAR   1180691  0717075  25021    26821    26841    25041
CONROD   1186901  25021    26821    7075     0.415
CONROD   1186902  25041    26841    7075     0.676
CONROD   1186911  25021    25041    7075     0.646
CONROD   1186913  26821    26841    7075     0.646
CSHEAR   1180692  0717075  25041    26841    26861    25061
CONROD   1186903  25041    26841    7075     0.676
CONROD   1186904  25061    26861    7075     0.209
CONROD   1186912  25041    25061    7075     0.646
CONROD   1186914  26841    26861    7075     0.646
CSHEAR   1180693  0717075  26821    29921    29941    26841
CONROD   1186921  26821    29921    7075     0.356
CONROD   1186922  26841    29941    7075     0.649
CONROD   1186931  26821    26841    7075     1.109
CONROD   1186933  29921    29941    7075     1.109
CSHEAR   1180694  0717075  26841    29941    29961    26861
CONROD   1186923  26841    29941    7075     0.649
CONROD   1186924  26861    29961    7075     0.276
CONROD   1186932  26841    26861    7075     1.109
CONROD   1186934  29941    29961    7075     1.109
$
$                    SIDE PANELS AND FRAMES / RIGHT SIDE
$                          STA  61.25 TO STA 186.25
$
$
$                                CANOPY FRAME
$                            209-030-500-309
$
CONROD   5003111    6161     7071     7075     0.234
CONROD   5003112    7071     8571     7075     0.230
CONROD   5003113    8571     9371     7075     0.227
CONROD   5003114    9371    11571     7075     0.213
CONROD   5003115   11571    13871     7075     0.201
CONROD   5003116   13871    14881     7075     0.200
$
$                                  SKIN
$                            209-030-179-161
$
CTRMEM   1791611  0322024    6161     7071     7061
CSHEAR   1791612  0322024    7061     7071     8571     8561
CONROD   1796101    7061     8561     2024     0.040
CONROD   1796102    7071     8571     2024     0.040
CONROD   1796103    7061     7071     2024     0.232
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CONROD   1796104   8561      8571     2024      0.232
CSHEAR   1791613 0322024     8561      8571      9371      9361
CONROD   1796111   8561      9361     2024      0.072
CONROD   1796112   8571      9371     2024      0.072
CONROD   1796113   8561      8571     2024      0.202
CONROD   1796114   9361      9371     2024      0.202
CSHEAR   1791614 0322024     9361      9371     11571     11561
CONROD   1796121   9361     11561     2024      0.102
CONROD   1796122   9371     11571     2024      0.102
CONROD   1796123   9361      9371     2024      0.270
CONROD   1796124  11561     11571     2024      0.270
CSHEAR   1791615 0322024    11561     11571     13871     13861
CONROD   1796131  11561     13861     2024      0.140
CONROD   1796132  11571     13871     2024      0.140
CONROD   1796133  11561     11571     2024      0.382
CONROD   1796134  13861     13871     2024      0.382
CSHEAR   1791616 0322024    13861     13871     14881     14861
CONROD   1796141  14861     14861     2024      0.195
CONROD   1796142  13871     14861     2024      0.195
CONROD   1796143  13861     13871     2024      0.187
CONROD   1796144  14861     14831     2024      0.187
$
$                                              PANEL
$                                        209-030-125-143
$
$    DOUBLERS
CONROD   1251491  14861     18661     2024      0.140
CONROD   1251571  14881     16481     2024      0.112
CONROD   1251572  16481     18681     2024      0.111
CONROD   1251511  14861     14881     2024      0.121
CONROD   1251551  18661     18681     2024      0.121
$    INNER SKIN    209-030-125-027    .008 ALUMINUM
CTRMEM   1250271 0082024  14861     14881     16481
CSHEAR   1250272 0082024  14861     16481     18681     18661
CONROD   1252701  14861     18661     2024      0.035
CONROD   1252702  16481     18681     2024      0.035
CONROD   1252703  14861     16481     2024      0.120
CONROD   1252704  18661     18681     2024      0.120
$    OUTER SKIN    209-030-379-001    .021 ALUMINUM
CTRMEM   3790011 0212024  14861     14881     16481
CSHEAR   3790012 0212024  14861     16481     18681     18661
CONROD   3790101  14861     18661     2024      0.121
CONROD   3790102  16481     18681     2024      0.121
CONROD   3790103  14861     16481     2024      0.315
CONROD   3790104  18661     18681     2024      0.315
$
$                                              FRAME
$                                        209-030-125-057
$
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CONROD   1250571  [illegible]   16481    2024     0.115
CONROD   1250572  16481        19681    2024     0.115
$
$                        UPPER MAIN BEAM CAP / LEFT-HAND SIDE
$                                  209-030-157-001
$                              STA  61.25 TO STA 186.25
$                                  209-030-160-005
$                              STA 186.25 TO STA 298.75
$
CONROD   1570011   6167     7067    7075     0.198
CONROD   1570012   7067     8567    7075     0.194
CONROD   1570013   8567     9367    7075     0.191
CONROD   1570014   9367    11567    7075     0.325
CONROD   1570015  11567    13867    7075     0.285
CONROD   1570016  13867    14867    7075     0.275
CONROD   1570017  14867    18669    7075     0.346
CONROD   1600051  18669    19769    7075     0.407
CONROD   1600052  19769    21369    7075     0.441
CONROD   1600053  21369    25069    7075     0.392
CONROD   1600054  25069    26869    7075     0.390
CONROD   1600055  26869    29969    7075     0.638
$
$                        LOWER MAIN BEAM CAP / LEFT-HAND SIDE
$                                  209-030-158-003
$                              STA  61.25 TO STA 148.50
$
CONROD   1580031   6137     7037    7075     0.247
CONROD   1580032   7037     8537    7075     0.248
CONROD   1580033   8537     9337    7075     0.249
CONROD   1580034   9337    11537    7075     0.344
CONROD   1580035  11537    13837    7075     0.346
CONROD   1580036  13837    14837    7075     0.221
$
$                        LOWER MAIN BEAM CAP / LEFT-HAND SIDE
$                                  209-030-159-005
$                              STA 138.70 TO STA 186.25
$                                  209-030-161-019
$                              STA 186.25 TO STA 300.42
$
CONROD   1590051  13827    14827    7075     0.274
CONROD   1590052  14827    15627    7075     0.303
CONROD   1590053  15627    18629    7075     0.315
CONROD   1610191  18629    21329    7075     0.412
CONROD   1610192  21329    21829    7075     0.445
CONROD   1610193  21829    22729    7075     0.522
CONROD   1610194  22729    25029    7075     0.348
CONROD   1610195  25029    26829    7075     0.341
CONROD   1610196  26829    29929    7075     0.351
$
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$                LOWER MAIN BEAM AUXILLARY CAP / LEFT-HAND SIDE
$                                209-030-161-013
$                                STA 138.75 TO STA 18?.25
$
CONROD   1610131 13829    14829    7075     0.128
CONROD   1610132 14829    15629    7075     0.128
CONROD   1610133 15629    18629    7075     0.128
$
$                LOWER MAIN BEAM AUXILLARY CAP / LEFT-HAND SIDE
$                                209-030-211-053
$                                STA  46.00 TO STA 143.50
$
CONROD   2110531  4637     6139    7075     0.059
CONROD   2110532  6139     7039    7075     0.187
CONROD   2110533  7039     8539    7075     0.190
CONROD   2110534  8539     9339    7075     0.193
CONROD   2110535  9339    11539    7075     0.243
CONROD   2110536 11539    13839    7075     0.247
CONROD   2110537 13839    14839    7075     0.166
$
$                UPPER MAIN BEAM AUXILLARY CAP / LEFT-HAND SIDE
$                                209-030-210-045/055/071
$                                STA  61.25 TO STA 186.25
$
CONROD   2100451  6169     7069    7075     0.055
CONROD   2100452  7069     8569    7075     0.054
CONROD   2100453  8569     9369    7075     0.054
CONROD   2100551  9369    11569    7075     0.054
CONROD   2100552 11569    13869    7075     0.054
CONROD   2100553 13869    14869    7075     0.064
CONROD   2100711 14869    18669    7075     0.119
$
$                        COWLING ATTACH ANGLES - LEFT SIDE
$                                209-030-136-069
$                                 STA 186.25 TO BS  41.32
$
CONROD   1360691 18669    19769    2024     0.386
CONROD   1360692 19769    21369    2024     0.411
CONROD   1360693 21369    25069    2024     0.162
CONROD   1360694 25069    26869    2024     0.082
CONROD   1360695 26869    29969    2024     0.071
$
$                           MAIN BEAM CHANNEL - LEFT SIDE
$                                209-030-182-001
$                                STA 186.25 TO STA 213.94
$
CONROD   1820011 18649    19749    7075     0.288
CONROD   1820012 19749    21349    7075     0.288
$
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$                          MAIN BEAM WEB / LEFT-HAND SIDE
$                                209-030-129-199
$                             STA  61.25 TO STA  93.00
$
$    DOUBLERS
CONROD   1290754   6167     7067     7075     0.033
CONROD   1290755   7067     8567     7075     0.033
CONROD   1290731   8567     9367     7075     0.034
CONROD   1290756   6137     7037     7075     0.039
CONROD   1290991   7037     8537     7075     0.041
CONROD   1290992   8537     9337     7075     0.042
CONROD   1290757   6137     6147     7075     0.035
CONROD   1290758   6147     6167     7075     0.035
CONROD   1290791   9337     9347     7075     0.122
CONROD   1290792   9347     9367     7075     0.122
$    INNER SKIN    209-030-129-205    .025 ALUMINUM
CSHEAR   1292050 0257075   6137      7037      7047      6147
CONROD   1290501   6137     7037     7075     0.072
CONROD   1290502   6147     7047     7075     0.122
CONROD   1290511   6137     6147     7075     0.118
CONROD   1290513   7037     7047     7075     0.118
CSHEAR   1292051 0257075   6147      7047      7067      6167
CONROD   1290503   6147     7047     7075     0.122
CONROD   1290504   6167     7067     7075     0.033
CONROD   1290512   6147     6167     7075     0.118
CONROD   1290514   7047     7067     7075     0.118
CSHEAR   1292052 0257075   7037      8537      8547      7047
CONROD   1290521   7037     8537     7075     0.075
CONROD   1290522   7047     8547     7075     0.126
CONROD   1290531   7037     7047     7075     0.181
CONROD   1290533   8537     8547     7075     0.181
CSHEAR   1292053 0257075   7047      8547      8567      7067
CONROD   1290523   7047     8547     7075     0.126
CONROD   1290524   7067     8567     7075     0.034
CONROD   1290532   7047     7067     7075     0.181
CONROD   1290534   8547     8567     7075     0.181
CSHEAR   1292054 0257075   8537      9337      9347      8547
CONROD   1290541   8537     9337     7075     0.078
CONROD   1290542   8547     9347     7075     0.130
CONROD   1290551   8537     8547     7075     0.123
CONROD   1290553   9337     9347     7075     0.123
CSHEAR   1292055 0257075   8547      9347      9367      8567
CONROD   1290543   8547     9347     7075     0.130
CONROD   1290544   8567     9367     7075     0.035
CONROD   1290552   8547     8567     7075     0.123
CONROD   1290554   9347     9367     7075     0.123
$    INTERIOR SKIN    209-030-129-075    .016 ALUMINUM
CSHEAR   1290751 0167075   6137      7037      7047      6147
CONROD   1297501   6137     7037     7075     0.023
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CONROD  1297502   6147     7047     7075      0.069
CONROD  1297511   6137     6147     7075      0.061
CONROD  1297513   7037     7047     7075      0.061
CSHEAR  1290752 0167075    6147      7047      7067      6167
CONROD  1297503   6147     7047     7075      0.069
CONROD  1297504   6167     7067     7075      0.001
CONROD  1297512   6147     6167     7075      0.061
CONROD  1297514   7047     7067     7075      0.061
CSHEAR  1290753 0167075    7047      8547      8567      7067
CONROD  1297521   7047     8547     7075      0.011
CONROD  1297522   7067     8567     7075      0.011
CONROD  1297523   7047     7067     7075      0.102
CONROD  1297524   8547     8567     7075      0.102
$    INTERIOR SKIN    209-030-129-077    .012 ALUMINUM
CSHEAR  1290771 0127075    7047      8547      8567      7067
CONROD  1297701   7047     8547     7075      0.008
CONROD  1297702   7067     8567     7075      0.008
CONROD  1297703   7047     7067     7075      0.058
CONROD  1297704   8547     8567     7075      0.058
$    OUTER SKIN    209-030-129-201    .016 ALUMINUM
CSHEAR  1292011 0167075    6137      7037      7047      6147
CONROD  1290101   6137     7037     7075      0.026
CONROD  1290102   6147     7047     7075      0.071
CONROD  1290111   6137     6147     7075      0.065
CONROD  1290113   7037     7047     7075      0.065
CSHEAR  1292012 0167075    6147      7047      7067      6167
CONROD  1290103   6147     7047     7075      0.071
CONROD  1290104   6167     7067     7075      0.002
CONROD  1290112   6147     6167     7075      0.065
CONROD  1290114   7047     7067     7075      0.065
CSHEAR  1292013 0167075    7037      8537      8547      7047
CONROD  1290121   7037     8537     7075      0.028
CONROD  1290122   7047     8547     7075      0.074
CONROD  1290131   7037     7047     7075      0.116
CONROD  1290133   8537     8547     7075      0.116
CSHEAR  1292014 0167075    7047      8547      8567      7067
CONROD  1290123   7047     8547     7075      0.074
CONROD  1290124   7067     8567     7075      0.003
CONROD  1290132   7047     7067     7075      0.116
CONROD  1290134   8547     8567     7075      0.116
CSHEAR  1292015 0167075    8537      9337      9347      8547
CONROD  1290141   8537     9337     7075      0.029
CONROD  1290142   8547     9347     7075      0.077
CONROD  1290151   8537     8547     7075      0.062
CONROD  1290153   9337     9347     7075      0.062
CSHEAR  1292016 0167075    8547      9347      9367      8567
CONROD  1290143   8547     9347     7075      0.07?
CONROD  1290144   8567     9367     7075      0.003
CONROD  1290152   8547     8567     7075      0.062
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CONROD   1290154   9347     9367    7075      0.062
$
$                                MAIN BEAM WEB / LEFT-HAND SIDE
$                                      209-030-129-199
$                                   STA  93.00 TO STA 138.70
$
$    DOUBLERS
CONROD   1290732   9367    11567    7075      0.044
CONROD   1290733  11567    13867    7075      0.044
CONROD   1291431   9347    11547    7075      0.093
CONROD   1291432  11547    13847    7075      0.093
CONROD   1291111   9337    11537    7075      0.052
CONROD   1291112  11537    13837    7075      0.052
CONROD   1290793   9337     9347    7075      0.056
CONROD   1290794   9347     9367    7075      0.056
CONROD   1290691  13837    13847    7075      0.058
CONROD   1290692  13847    13867    7075      0.058
$    INNER SKIN    209-030-129-205    .025 ALUMINUM
CSHEAR   1292056 0257075   9337    11537    11547     9347
CONROD   1290561   9337    11537    7075      0.078
CONROD   1290562   9347    11547    7075      0.134
CONROD   1290571   9337     9347    7075      0.256
CONROD   1290573  11537    11547    7075      0.256
CSHEAR   1292057 0257075   9347    11547    11567     9367
CONROD   1290563   9347    11547    7075      0.134
CONROD   1290564   9367    11567    7075      0.041
CONROD   1290572   9347     9367    7075      0.256
CONROD   1290574  11547    11567    7075      0.256
CSHEAR   1292058 0257075  11537    13837    13847    11547
CONROD   1290581  11537    13837    7075      0.076
CONROD   1290582  11547    13847    7075      0.139
CONROD   1290591  11537    11547    7075      0.249
CONROD   1290593  13837    13847    7075      0.249
CSHEAR   1292059 0257075  11547    13847    13867    11567
CONROD   1290583  11547    13847    7075      0.139
CONROD   1290584  11567    13867    7075      0.052
CONROD   1290592  11547    11567    7075      0.249
CONROD   1290594  13847    13867    7075      0.249
$    OUTER SKIN    209-030-129-185    .016 ALUMINUM
CSHEAR   1291851 0167075   9337    11537    11547     9347
CONROD   1298501   9337    11537    7075      0.028
CONROD   1298502   9347    11547    7075      0.028
CONROD   1298503   9337     9347    7075      0.159
CONROD   1298504  11537    11547    7075      0.159
CSHEAR   1291852 0167075  11537    13837    13847    11547
CONROD   1298511  11537    13837    7075      0.031
CONROD   1298512  11547    13847    7075      0.031
CONROD   1298513  11537    11547    7075      0.154
CONROD   1298514  13837    13847    7075      0.154
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$    OUTER SKIN    209-030-129-137    .016 ALUMINUM
CSHEAR   1291371 0167075   9347    11547    11567     9367
CONROD   1293701   9347    11547    7075     0.012
CONROD   1293702   9367    11567    7075     0.012
CONROD   1293703   9347     9367    7075     0.159
CONROD   1293704  11547    11567    7075     0.159
CSHEAR   1291372 0167075  11547    13847    13867    11567
CONROD   1293711  11547    13847    7075     0.011
CONROD   1293712  11567    13867    7075     0.011
CONROD   1293713  11547    11567    7075     0.154
CONROD   1293714  13847    13867    7075     0.154
$
$                          MAIN BEAM WEB / LEFT-HAND SIDE
$                                209-030-129-199
$                             STA 138.70 TO STA 148.50
$
$    DOUBLERS
CONROD   1290695  13867    14867    7075     0.097
CONROD   1290696  13848    13847    7075     0.104
CONROD   1290697  13847    14847    7075     0.104
CONROD   1291253  13837    14837    7075     0.090
CONROD   1290698  13867    13848    7075     0.090
CONROD   1291254  13847    13837    7075     0.041
CONROD   1290699  14867    14847    7075     0.081
CONROD   1291255  14847    14837    7075     0.037
$    INNER SKIN    209-030-129-141    .025 ALUMINUM
CSHEAR   1291411 0257075  13807    14807    14827    13827
CONROD   1294101  13807    14807    7075     0.057
CONROD   1294102  13827    14827    7075     0.158
CONROD   1294111  13807    13827    7075     0.120
CONROD   1294115  14807    14827    7075     0.120
CSHEAR   1291412 0257075  13827    14827    14837    13837
CONROD   1294103  13827    14827    7075     0.158
CONROD   1294104  13837    14837    7075     0.088
CONROD   1294112  13827    13837    7075     0.120
CONROD   1294116  14827    14837    7075     0.120
CTRMEM   1291413 0257075  13837    13847    13848
CSHEAR   1291414 0257075  13837    14837    14847    13847
CONROD   1294105  13837    14837    7075     0.078
CONROD   1294106  13847    14847    7075     0.143
CONROD   1294113  13837    13847    7075     0.121
CONROD   1294117  14837    14847    7075     0.121
CSHEAR   1291415 0257075  13848    13847    14867    13867
CONROD   1294107  13848    13847    7075     0.143
CONROD   1294108  13867    14867    7075     0.061
CONROD   1294114  13848    13867    7075     0.122
CONROD   1294118  13847    14867    7075     0.122
CTRMEM   1291416 0257075  13847    14847    14867
$    INTERIOR SKIN    209-030-129-069    .040 ALUMINUM
```

```
CSHEAR  1290691 0407075 13807   14807   14827   13827
CONROD  1296901 13807   14807   7075    0.169
CONROD  1296902 13827   14827   7075    0.169
CONROD  1296911 13807   13827   7075    0.191
CONROD  1296914 14807   14827   7075    0.191
CSHEAR  1290692 0407075 13827   14827   14837   13837
CONROD  1296903 13827   14827   7075    0.201
CONROD  1296904 13837   14837   7075    0.201
CONROD  1296912 13827   13837   7075    0.191
CONROD  1296915 14827   14837   7075    0.191
CTRMEM  1290693 0407075 13837   13847   13848
CSHEAR  1290694 0407075 13837   14837   14847   13847
CONROD  1296905 13837   14837   7075    0.151
CONROD  1296906 13847   14847   7075    0.151
CONROD  1296913 13837   13847   7075    0.194
CONROD  1296916 14837   14847   7075    0.194
$    OUTER SKIN    209-030-129-125    .020 ALUMINUM
CSHEAR  1291251 0207075 13807   14807   14827   13827
CONROD  1292501 13807   14807   7075    0.048
CONROD  1292502 13827   14827   7075    0.122
CONROD  1292511 13807   13827   7075    0.096
CONROD  1292513 14807   14827   7075    0.096
CSHEAR  1291252 0207075 13827   14827   14837   13837
CONROD  1292503 13827   14827   7075    0.122
CONROD  1292504 13837   14837   7075    0.033
CONROD  1292512 13827   13837   7075    0.096
CONROD  1292514 14827   14837   7075    0.096
$    OUTER SKIN    209-030-129-057    .016 ALUMINUM
CSHEAR  1290571 0167075 13837   14837   14847   13847
CONROD  1295701 13837   14837   7075    0.014
CONROD  1295702 13847   14847   7075    0.014
CONROD  1295703 13837   13847   7075    0.056
CONROD  1295704 14837   14847   7075    0.056
$    OUTER SKIN    209-030-129-059    .025 ALUMINUM
CSHEAR  1290591 0257075 13848   13847   14867   13867
CONROD  1295921 13848   13847   7075    0.053
CONROD  1295922 13867   14867   7075    0.053
CONROD  1295923 13848   13867   7075    0.094
CONROD  1295924 13847   14867   7075    0.094
CTRMEM  1290592 0257075 13847   14847   14867
$                       MAIN BEAM WEB / LEFT-HAND SIDE
$                                209-030-138-005
$                          STA 148.50 TO STA 186.25
$
$    DOUBLERS
CONROD  1380291 14867   18669   7075    0.139
CONROD  1380433 14827   15627   7075    0.182
CONROD  1380311 15627   18629   7075    0.186
CONROD  1380432 14827   14837   7075    0.075
```

```
CONROD   1380491 14837   14847   7075     0.075
CONROD   1380492 14847   14857   7075     0.075
CONROD   1380191 18629   18639   7075     0.070
CONROD   1380192 18639   18649   7075     0.070
CONROD   1380193 18649   18654   7075     0.070
CONROD   1380194 18654   18659   7075     0.070
CONROD   1380195 18659   18669   7075     0.070
$    INNER SKIN    209-030-138-041    .020 GLASS FABRIC
CSHEAR   1380411 0200076 14827   15627   15637   14837
CONROD   1384101 14827   15627   0076     0.088
CONROD   1384102 14837   15637   0076     0.088
CONROD   1384103 14827   14837   0076     0.071
CONROD   1384104 15627   15637   0076     0.071
CSHEAR   1380412 0200076 15627   18629   18639   15637
CONROD   1384111 15627   18629   0076     0.088
CONROD   1384112 15637   18639   0076     0.088
CONROD   1384121 15627   15637   0076     0.298
CONROD   1384124 18629   18639   0076     0.298
CTRMEM   1380413 0200076 14837   15637   14847
CSHEAR   1380414 0200076 15637   18639   18649   14847
CONROD   1384113 15637   18639   0076     0.096
CONROD   1384114 14847   18649   0076     0.096
CONROD   1384122 15637   14847   0076     0.334
CONROD   1384125 18639   18649   0076     0.334
CSHEAR   1380415 0200076 14847   18654   18659   14867
CONROD   1384115 14847   18654   0076     0.075
CONROD   1384116 14867   18659   0076     0.075
CONROD   1384123 14847   14867   0076     0.369
CONROD   1384126 18654   18659   0076     0.369
$    INTERIOR SKIN    209-030-138-035    .016 TITANIUM
CSHEAR   1380351 0169046 14827   15627   15637   14837
CONROD   1383501 14827   15627   9046     0.031
CONROD   1383502 14837   15637   9046     0.031
CONROD   1383503 14827   14837   9046     0.066
CONROD   1383504 15627   15637   9046     0.066
$    INTERIOR SKIN    209-030-138-043    .040 TITANIUM
CSHEAR   1380431 0409046 14827   15627   15637   14837
CONROD   1384301 14827   15627   9046     0.096
CONROD   1384302 14837   15637   9046     0.096
CONROD   1384303 14827   14837   9046     0.183
CONROD   1384304 15627   15637   9046     0.183
$    OUTER SKIN    209-030-138-045    .012 TITANIUM
CSHEAR   1380451 0129046 14827   15627   15637   14837
CONROD   1384501 14827   15627   9046     0.053
CONROD   1384502 14837   15637   9046     0.053
CONROD   1384503 14827   14837   9046     0.042
CONROD   1384504 15627   15637   9046     0.042
CSHEAR   1380452 0129046 15627   18629   18639   15637
CONROD   1384511 15627   18629   9046     0.053
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CONROD   1384512  15637    18637    9046     0.053
CONROD   1384521  15627    15637    9046     0.179
CONROD   1384524  18629    18639    9046     0.179
CTRMEM   1380453  0129046  14837    15637    14847
CSHEAR   1380454  0129046  15637    18639    18649    14847
CONROD   1384513  15637    18639    9046     0.058
CONROD   1384514  14847    18649    9046     0.058
CONROD   1384522  15637    14847    9046     0.200
CONROD   1384525  18639    18649    9046     0.200
CSHEAR   1380455  0129046  14847    18654    18659    14867
CONROD   1384515  14847    18654    9046     0.045
CONROD   1384516  14867    18659    9046     0.045
CONROD   1384523  14847    14867    9046     0.221
CONROD   1384526  18654    18659    9046     0.221
$
$                          MAIN BEAM WEB / LEFT-HAND SIDE
$                                209-030-137-031
$                             STA 186.28 TO STA 213.94
$
$    DOUBLERS
CONROD   1370355  19769    21369    7075     0.064
CONROD   1370354  19749    21349    7075     0.158
CONROD   1370356  19749    19759    7075     0.156
CONROD   1370357  19759    19769    7075     0.156
CONROD   1370358  21349    21369    7075     0.089
$    INNER SKIN    209-030-137-023    .012 ALUMINUM
CSHEAR   1370231  0127075  19749    21349    21369    19759
CONROD   1372301  19749    21349    7075     0.016
CONROD   1372302  19759    21369    7075     0.016
CONROD   1372303  19749    19759    7075     0.076
CONROD   1372304  21349    21369    7075     0.076
CTRMEM   1370232  0127075  19759    21369    19769
$    INNER SKIN    209-030-137-035    .040 ALUMINUM
CTRMEM   1370351  0407075  18649    19749    18654
CSHEAR   1370352  0407075  18654    19749    19759    18659
CONROD   1373501  18654    19749    7075     0.139
CONROD   1373502  18659    19759    7075     0.117
CONROD   1373511  18654    18659    7075     0.213
CONROD   1373513  19749    19759    7075     0.213
CSHEAR   1370353  0407075  18659    19759    19769    18659
CONROD   1373503  18659    19759    7075     0.117
CONROD   1373504  18669    19769    7075     0.001
CONROD   1373512  18659    18669    7075     0.213
CONROD   1373514  19759    19769    7075     0.213
$    OUTER SKIN    209-030-137-005    .040 ALUMINUM
CTRMEM   1370051  0407075  18649    19749    18654
CSHEAR   1370052  0407075  18654    19749    19759    18659
CONROD   1370501  18654    19749    7075     0.143
CONROD   1370502  18659    19759    7075     0.095
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CONR[illegible]  [illegible]  18659    18659    7075     0.213
CONROD  1370513  19749    19759    7075     0.213
CSHEAR  1370554  0407075  18659    19759    19769    18669
CONROD  1370504  18669    19759    7075     0.095
CONROD  1370504  18669    19769    7075     0.109
CONROD  1370511  18659    18669    7075     0.213
CONROD  1370511  19759    19769    7075     0.213
CSHEAR  1370554  0407075  19749    21349    21369    19759
CONROD  1370521  19749    21349    7075     0.143
CONROD  1370522  19759    21369    7075     0.143
CONROD  1370521  19749    19759    7075     0.341
CONROD  1370524  21349    21369    7075     0.341
CTRMEM  1370055  0407075  19759    21369    19769
$
$                          MAIN BEAM WEB / LEFT-HAND SIDE
$                                209-030-180-017
$                             STA 186.28 TO STA 213.94
$
CONROD  1370171  18629    21349    2024     0.491
$
$                          MAIN BEAM WEB / LEFT-HAND SIDE
$                                209-030-119-001
$                             STA 213.94 TO STA 250.00
$
$    DOUBLERS
CONROD  1190211  21369    25069    7075     0.229
CONROD  1190171  21329    21829    7075     0.284
CONROD  1190172  21829    22729    7075     0.300
CONROD  1190173  22729    25029    7075     0.353
CONROD  1190231  21329    21349    7075     0.178
CONROD  1190232  21349    21369    7075     0.178
CONROD  1190191  25029    25049    7075     0.167
CONROD  1190192  25049    25069    7075     0.167
$    INNER SKIN   209-030-119-009   .020 GLASS FABRIC
CTRMEM  1190091  0200076  21329    21829    21349
CTRMEM  1190092  0200076  21829    22729    21349
CSHEAR  1190093  0200076  22729    25029    25049    21349
CONROD  1190901  22729    25029    0076     0.131
CONROD  1190902  21329    25049    0076     0.203
CONROD  1190911  22729    21349    0076     0.292
CONROD  1190913  25029    25049    0076     0.292
CSHEAR  1190094  0200076  21349    25049    25069    21369
CONROD  1190903  21349    25049    0076     0.203
CONROD  1190904  21369    25069    0076     0.034
CONROD  1190912  21349    21369    0076     0.361
CONROD  1190914  25049    25069    0076     0.361
$    INTERIOR SKIN   209-030-119-013   .032 TITANIUM
CTRMEM  1190131  0329046  21329    21829    21349
CTRMEM  1190132  0329046  21829    22729    21349
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$    OUTER SKIN    209-030-11[illegible]-005    .016 TITANIUM
CTRMEM   1190051 0169046 21349    21829    21349
CTRMEM   1190052 0169046 21829    22729    21349
CSHEAR   1190053 0169046 22729    25029    25049    21349
CONROD   1190501 22729    25029    9046     0.105
CONROD   1190502 21349    25049    9046     0.162
CONROD   1190511 22729    21349    9046     0.234
CONROD   1190513 25029    25049    9046     0.234
CSHEAR   1190054 0169046 21349    25049    25069    21369
CONROD   1190503 21349    25049    9046     0.162
CONROD   1190504 21369    25069    9046     0.027
CONROD   1190512 21349    21369    9046     0.288
CONROD   1190514 25049    25069    9046     0.288
$
$                          MAIN BEAM WEB / LEFT-HAND SIDE
$                                209-030-117-047
$                              STA 250.00 TO BS  41.32
$
$    DOUBLERS
CONROD   1170191 26869    29969    7075     0.069
CONROD   1170211 26829    29929    7075     0.068
CONROD   1170511 26829    26849    7075     0.043
CONROD   1170512 26849    26869    7075     0.043
CONROD   1170231 29929    29949    7075     0.053
CONROD   1170232 29949    29969    7075     0.053
$    INNER SKIN    209-030-117-011    .016 ALUMINUM
CSHEAR   1170111 0167075 25029    26829    26849    25049
CONROD   1171101 25029    26829    7075     0.066
CONROD   1171102 25049    26849    7075     0.148
CONROD   1171111 25029    25049    7075     0.118
CONROD   1171113 26829    26849    7075     0.118
CSHEAR   1170112 0167075 25049    26849    26869    25069
CONROD   1171103 25049    26849    7075     0.148
CONROD   1171104 25069    26869    7075     0.020
CONROD   1171112 25049    25069    7075     0.118
CONROD   1171114 26849    26869    7075     0.118
$    INNER SKIN    209-030-117-039    .008 ALUMINUM
CSHEAR   1170391 0082024 26829    29929    29949    26849
CONROD   1173901 26829    29929    2024     0.023
CONROD   1173902 26849    29949    2024     0.069
CONROD   1173911 26829    26849    2024     0.116
CONROD   1173913 29929    29949    2024     0.116
CSHEAR   1170392 0082024 26849    29949    29969    26869
CONROD   1173903 26849    29949    2024     0.069
CONROD   1173904 26869    29969    2024     0.014
CONROD   1173912 26849    26869    2024     0.116
CONROD   1173914 29949    29969    2024     0.116
$    INTERIOR SKIN    209-030-117-051    .040 ALUMINUM
CSHEAR   1170511 0407075 25029    26829    26849    25049
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CONROD   1175101  25029    26829    7075     0.235
CONROD   1175102  25049    26849    7075     0.381
CONROD   1175111  25029    25049    7075     0.365
CONROD   1175113  26829    26849    7075     0.365
CSHEAR   1170512  0407075  25049    26849    26869    25069
CONROD   1175103  25049    26849    7075     0.381
CONROD   1175104  25069    26869    7075     0.118
CONROD   1175112  25049    25069    7075     0.365
CONROD   1175114  26849    26869    7075     0.365
$    OUTER SKIN    209-030-117-005    .016 ALUMINUM
CSHEAR   1170051  0167075  25029    26829    26849    25049
CONROD   1170501  25029    26829    7075     0.094
CONROD   1170502  25049    26849    7075     0.152
CONROD   1170513  25029    25049    7075     0.146
CONROD   1170515  26829    26849    7075     0.146
CSHEAR   1170052  0167075  25049    26849    26869    25069
CONROD   1170503  25049    26849    7075     0.152
CONROD   1170504  25069    26869    7075     0.047
CONROD   1170514  25049    25069    7075     0.146
CONROD   1170516  26849    26869    7075     0.146
CSHEAR   1170053  0167075  26829    29929    29949    26849
CONROD   1170521  26829    29929    7075     0.081
CONROD   1170522  26849    29949    7075     0.146
CONROD   1170531  26829    26849    7075     0.250
CONROD   1170533  29929    29949    7075     0.250
CSHEAR   1170054  0167075  26849    29949    29969    26869
CONROD   1170523  26849    29949    7075     0.146
CONROD   1170524  26869    29969    7075     0.062
CONROD   1170532  26849    26869    7075     0.250
CONROD   1170534  29949    29969    7075     0.250
$
$                    SIDE PANELS AND FRAMES / LEFT SIDE
$                         STA  61.25 TO STA 186.25
$
$
$                                CANOPY FRAME
$                             209-030-500-309
$
CONROD   5003091   6169     7079    7075     0.191
CONROD   5003092   7079     8579    7075     0.192
CONROD   5003093   8579     9379    7075     0.193
CONROD   5003094   9379    11579    7075     0.206
CONROD   5003095  11579    13879    7075     0.208
CONROD   5003096  13879    14889    7075     0.205
$
$                                  SKIN
$                             209-030-179-163
$
CTRMEM   1791631  0322024   6169     7079     7069
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CSHEAR  1791632 0322024  7069    7079    8579    8569
CONROD  1796301  7069    8569    2024    0.040
CONROD  1796302  7079    8579    2024    0.040
CONROD  1796303  7069    7079    2024    0.232
CONROD  1796304  8569    8579    2024    0.232
CSHEAR  1791633 0322024  8569    8579    9379    9369
CONROD  1796311  8569    9369    2024    0.072
CONROD  1796312  8579    9379    2024    0.072
CONROD  1796313  8569    8579    2024    0.202
CONROD  1796314  9369    9379    2024    0.202
CSHEAR  1791634 0322024  9369    9379   11579   11569
CONROD  1796321  9369   11569    2024    0.102
CONROD  1796322  9379   11579    2024    0.102
CONROD  1796323  9369    9379    2 24    0.270
CONROD  1796324 11569   11579    2024    0.270
CSHEAR  1791635 0322024 11569   11579   13879   13869
CONROD  1796331 11569   13869    2024    0.130
CONROD  1796332 11579   13879    2024    0.130
CONROD  1796333 11569   11579    2024    0.248
CONROD  1796334 13869   13879    2024    0.248
CSHEAR  1791636 0322024 13869   13879   14889   14869
CONROD  1796341 13869   14869    2024    0.183
CONROD  1796342 13879   14889    2024    0.183
CONROD  1796343 13869   13879    2024    0.321
CONROD  1796344 14869   14889    2024    0.321
$
$                                       PANEL
$                                   209-030-125-141
$
$    DOUBLERS
CONROD  1250971 14869   18669    2024    0.084
CONROD  1250131 14889   16489    2024    0.064
CONROD  1250132 16489   18689    2024    0.064
CONROD  1250171 14869   14889    2024    0.070
CONROD  1250151 18669   18689    2024    0.070
$    INNER SKIN   209-030-125-023    .008 ALUMINUM
CTRMEM  1250231 0082024 14869   14889   16489
CSHEAR  1250232 0082024 14869   16489   18689   18669
CONROD  1252301 14869   18669    2024    0.035
CONROD  1252302 16489   18689    2024    0.035
CONROD  1252303 14869   16489    2024    0.120
CONROD  1252304 18669   18689    2024    0.120
$    OUTER SKIN   209-030-125-091    .016 ALUMINUM
CTRMEM  1250911 0162024 14869   14889   16489
CSHEAR  1250912 0162024 14869   16489   18689   18669
CONROD  1259101 14869   18669    2024    0.098
CONROD  1259102 16489   18689    2024    0.098
CONROD  1259103 14869   16489    2024    0.240
CONROD  1259104 18669   18689    2024    0.240
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$
$                                   FRAME
$                              209-030-125-077
$
CONR 10  1250771 14489   16489   2024     0.115
CONR 10  1250772 16489   18689   2024     0.115
$
$                    TAILBOOM - ELASTIC AXIS REPRESENTATION
$                              209-030-800
$
CBAR     3003170 3003170 30045   31745    0.0      0.0      1.0      1
PBAR     3003170 1       42.74   6244.6   5138.4   3326.6
CBAR     3173380 3173380 31745   33845    0.0      0.0      1.0      1
PBAR     3173380 1       47.46   6300.1   4686.9   2387.8
CBAR     3383590 3383590 33845   35945    0.0      0.0      1.0      1
PBAR     3383590 1       41.47   4650.6   3376.8   1864.0
CBAR     3593800 3593800 35945   38045    0.0      0.0      1.0      1
PBAR     3593800 1       38.74   3323.3   2797.5   1422.9
CBAR     3804010 3804010 38045   40145    0.0      0.0      1.0      1
PBAR     3804013 1       37.56   2301.9   2419.0   1113.3
CBAR     4014220 4014220 40145   42245    0.0      0.0      1.0      1
PBAR     4014220 1       36.72   1782.4   1919.5   881.7
CBAR     4224430 4224430 42245   44345    0.0      0.0      1.0      1
PBAR     4224430 1       34.77   1322.7   1418.8   634.5
CBAR     4434520 4434520 44345   45245    0.0      0.0      1.0      1
PBAR     4434520 1       34.59   1130.4   1094.5   469.2
CBAR     4524640 4524640 45245   46445    0.0      0.0      1.0      1
PBAR     4524640 1       35.55   1159.1   1008.0   428.4
$
$                    VERTICAL FIN - ELASTIC AXIS REPRESENTATION
$                              209-030-801
$
CBAR     4644800 4644800 46445   48045    0.0      0.0      1.0      1
PBAR     4644800 1       38.50   5150.    320.25   113.5
CBAR     4804880 4804880 48045   48845    0.0      0.0      1.0      1
PBAR     4804880 1       35.13   1900.    294.     81.2
CBAR     4884970 4884970 48845   49745    0.0      0.0      1.0      1
PBAR     4884970 1       32.70   1620.    266.     69.0
CBAR     4975060 4975060 49745   50645    0.0      0.0      1.0      1
PBAR     4975060 1       30.25   1540.    236.25   56.8
CBAR     5065150 5065150 50645   51545    0.0      0.0      1.0      1
PBAR     5065150 1       27.85   1060.    176.75   48.5
CBAR     5155200 5155200 51545   52045    0.0      0.0      1.0      1
PBAR     5155200 1       25.45   650.     126.     43.7
$
$                                  ELEVATOR
$                              209-020-800
$
CBAR     4014345 4014345 40143   40145    0.0      0.0      1.0      1        ELEV R
```

```
+ELEV R    56
PBAR     4014345 2024     2.3140  1.3529  1.3529  2.7058
CBAR     4014547 4014547 40145   40147   0.0     0.0     1.0     1       ELEV L
+ELEV L            56
PBAR     4014547 2024     2.3140  1.3529  1.3529  2.7058
CBAR     4014142 4014142 40141   40142   0.0     0.0     1.0     1
PBAR     4014142 2024     0.9471  0.4507  0.4507  0.9014
CBAR     4014243 4014243 40142   40143   0.0     0.0     1.0     1
PBAR     4014243 2024     1.6745  0.8938  0.8938  1.7875
CBAR     4014347 4014347 40143   40147   0.0     0.0     1.0     1
PBAR     4014547 2024     2.3140  1.3529  1.3529  2.7058
CBAR     4014748 4014748 40147   40148   0.0     0.0     1.0     1
PBAR     4014748 2024     1.6745  0.8938  0.8938  1.7875
CBAR     4014849 4014849 40148   40149   0.0     0.0     1.0     1
PBAR     4014849 2024     0.9471  0.4507  0.4507  0.9014
$
$                        MAIN ROTOR PYLON SUPPORT STRUCTURE
$
$
$                           PYLON BEAM - RIGHT SIDE
$                                209-030-121-061
$                          STA 186.25 TO STA 213.94
$
CBAR     1210611 1210611 18683   18983   0.0     0.0     1.0     1
PBAR     1210611 7075     0.643   0.3418  2.0812  0.0
CBAR     1210612 1210612 18983   21183   0.0     0.0     1.0     1
PBAR     1210612 7075     0.643   0.3418  2.0812  0.0
CBAR     1210613 1210613 21183   21383   0.0     0.0     1.0     1
PBAR     1210613 7075     0.643   0.3418  2.0812  0.0
$
$                          FWD PYLON POST - RIGHT SIDE
$
CBAR     1070321 1070321 18663   18683   1.0     0.0     0.0     1
PBAR     1070321 7075     2.100   13.035  6.442   0.0
MPC      1000    18683   6       1.0     18687   1       -.040404        RFPOST6
+RFPOST6         18683   1        .040404
$
$                          AFT PYLON POST - RIGHT SIDE
$
CBAR     1210101 1210101 21363   21383   1.0     0.0     0.      1
PBAR     1210101 7075     1.643   5.770   5.205   0.0
$
$                       AFT PYLON POST LEG - RIGHT SIDE
$
CONROD   1210102 21343   21363   7075    0.473
$
$                             DIAGONAL - RIGHT SIDE
$
CONROD   1210591 21345   21364   7075    0.137
```

```
CONROD  1210592 21364   21383   7075    0.137
$
$                               WEB - RIGHT SIDE
$
CTRMEM  1210590 0507075 21363   21364   21383
$
$                       MAIN BEAM CAP AXIALS - RIGHT SIDE
$
CONROD  1210321 18661   19761   7075    0.241
CONROD  1210322 19761   21361   7075    0.241
$
$                           PYLON BEAM - LEFT SIDE
$                              209-030-121-021
$                         STA 186.25 TO STA 213.94
$
CBAR    1210211 1210211 18687   18987   0.0     0.0     1.0     1
PBAR    1210211 7075    0.643   0.3418  2.0812  0.0
CBAR    1210212 1210212 18987   21187   0.0     0.0     1.0     1
PBAR    1210212 7075    0.643   0.3418  2.0812  0.0
CBAR    1210213 1210213 21187   21387   0.0     0.0     1.0     1
PBAR    1210213 7075    0.643   0.3418  2.0812  0.0
$
$                         FWD PYLON POST - LEFT SIDE
$
CBAR    1070311 1070311 18667   18687   1.0     0.0     0.0     1
PBAR    1070311 7075    2.100   13.035  6.442   0.0
MPC     1000    18687   6       1.0     18683   6       -1.0            LEFJST6
$
$                          AFT PYLON POST  LEFT SIDE
$
CBAR    1210091 1210091 21367   21387   1.0     0.0     0.0     1
PBAR    1210091 7075    1.643   5.770   5.205   0.0
$
$                       AFT PYLON POST LEG - LEFT SIDE
$
CONROD  1210092 21347   21367   7075    0.707
$
$                             DIAGONAL - LEFT SIDE
$
CONROD  1210471 21345   21366   7075    0.137
CONROD  1210472 21366   21387   7075    0.137
$
$                               WEB - LEFT SIDE
$
CTRMEM  1210470 0507075 21366   21367   21387
$
$                       MAIN BEAM CAP AXIALS - LEFT SIDE
$
CONROD  1210311 18669   19769   7075    0.241
```

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CONROD   1210312  19769    21369    7075     0.241
$
$                              AFT PYLON MOUNT CROSS BEAM
$                                    209-031-344-001
$
CBAR     3440011  3440011  21383    21485    0.0      0.0      1.0      1        3440011
+3440011                   0.56     0.0      -2.96    0.0      0.0      -2.96
PBAR     3440011  2014     1.405    2.216    0.0      0.0
CBAR     3440012  3440012  21485    21387    0.0      0.0      1.0      1        3440012
+3440012                   0.0      0.0      -2.96    0.56     0.0      -2.96
PBAR     3440012  2014     1.405    2.216    0.0      0.0
$
$                              AMMUNITION FLOOR - WL 27.00
$                                    209-030-219-005
$                                STA  93.00 TO STA 138.70
$
$    DOUBLERS
CONROD   2190311   9313    11503    2024     0.196
CONROD   2190312  11503    13803    2024     0.196
CONROD   2190313   9317    11507    2024     0.196
CONROD   2190314  11507    13807    2024     0.196
CONROD   2190271   9313     9317    2024     0.046
CONROD   2190431  13803    13807    2024     0.047
$    LOWER SKIN    209-030-219-015    .020 ALUMINUM
CSHEAR   2190151  0202024   9313    11503    11507    9317
CONROD   2191503   9313    11503    2024     0.186
CONROD   2191504   9317    11507    2024     0.186
CONROD   2191501   9313     9317    2024     0.233
CONROD   2191502  11503    11507    2024     0.233
CSHEAR   2190152  0202024  11503    13803    13807    11507
CONROD   2191507  11503    13803    2024     0.186
CONROD   2191508  11507    13807    2024     0.186
CONROD   2191505  11503    11507    2024     0.238
CONROD   2191506  13803    13807    2024     0.238
$    UPPER SKIN    209-030-219-019    .025 ALUMINUM
CSHEAR   2190191  0252024   9313    11503    11507    9317
CONROD   2191903   9313    11503    2024     0.044
CONROD   2191904   9317    11507    2024     0.044
CONROD   2191901   9313     9317    2024     0.272
CONROD   2191902  11503    11507    2024     0.272
CSHEAR   2190192  0252024  11503    13803    13807    11507
CONROD   2191907  11503    13803    2024     0.044
CONROD   2191908  11507    13807    2024     0.044
CONROD   2191905  11503    11507    2024     0.279
CONROD   2191906  13803    13807    2024     0.279
$
$                        FORWARD FUEL CELL FLOOR - WL 35.97
$                                    209-030-212-001
$                                STA 138.70 TO STA 148.50
```

```
$                                        209-030-204-063
$                                  STA 148.50 TO STA 185.25
$
$    DOUBLERS
CONROD   2044711 14821    15621    7075     0.019
CONROD   2044712 14823    15623    7075     0.205
CONROD   2044713 14827    15627    7075     0.205
CONROD   2044714 14829    15629    7075     0.019
CONROD   2044715 14823    14827    7075     0.176
CONROD   2044716 15621    15623    7075     0.296
CONROD   2044717 15623    15625    7075     0.294
CONROD   2044718 15625    15627    7075     0.294
CONROD   2044719 15627    15629    7075     0.296
CONROD   2044720 15621    18621    7075     0.050
CONROD   2044721 15623    18621    7075     0.195
CONROD   2044722 15627    18629    7075     0.195
CONROD   2044723 15629    18629    7075     0.050
CONROD   2044724 18621    18623    7075     0.180
CONROD   2044725 18623    18625    7075     0.180
CONROD   2044726 18625    18627    7075     0.180
CONROD   2044727 18627    18629    7075     0.180
$    LOWER SKIN    209-030-212-001     .040 ALUMINUM
CSHEAR   2120011 0407075 13823    14823    14827    13827
CONROD   2120101 13823    14823    2024     0.133
CONROD   2120102 13827    14827    2024     0.133
CONROD   2120103 13823    13827    2024     0.392
CONROD   2120104 14823    14827    2024     0.392
$    LOWER SKIN    209-030-204-081     .016 TITANIUM
CSHEAR   2040811 0169046  14821    15621    15623    14823
CONROD   2048101 14821    15621    9046     0.050
CONROD   2048102 14823    15623    9046     0.050
CONROD   2048105 14821    14823    9046     0.062
CONROD   2048107 15621    15623    9046     0.062
CTRMEM   2040812 0169046  14823    15623    15625
CTRMEM   2040813 0169046  14823    15625    14827
CTRMEM   2040814 0169046  14827    15625    15627
CSHEAR   2040815 0169046  14827    15627    15629    14829
CONROD   2048103 14827    15627    9046     0.050
CONROD   2048104 14829    15629    9046     0.050
CONROD   2048106 14827    14829    9046     0.062
CONROD   2048108 15627    15629    9046     0.062
CTRMEM   2040821 0169046  15621    18621    15623
CTRMEM   2040822 0169046  15623    18621    18623
CSHEAR   2040823 0169046  15623    18623    18625    15625
CONROD   2048201 15623    18623    9046     0.057
CONROD   2048202 15625    18625    9046     0.115
CONROD   2048205 15623    15625    9046     0.238
CONROD   2048207 18623    18625    9046     0.238
CSHEAR   2040824 0169046  15625    18625    18627    15627
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CONROD   2048203  15625    18623    9046     0.115
CONROD   2048204  15627    18627    9046     0.057
CONROD   2048206  15625    15627    9046     0.238
CONROD   2048208  18625    18627    9046     0.238
CTRMEM   2040825  0169046  15627    18627    18629
CTRMEM   2040826  0169046  15627    18629    15629
$    INTERIOR SKIN    209-030-204-047    .050 TITANIUM
CSHEAR   2040471  0509046  14821    15621    15623    14823
CONROD   2044701  14821    15621    9046     0.152
CONROD   2044702  14823    15623    9046     0.152
CONROD   2044705  14821    14823    9046     0.195
CONROD   2044707  15621    15623    9046     0.195
CSHEAR   2040472  0509046  14827    15627    15629    14829
CONROD   2044703  14827    15627    9046     0.152
CONROD   2044704  14829    15629    9046     0.152
CONROD   2044706  14827    14829    9046     0.195
CONROD   2044708  15627    15629    9046     0.195
$    UPPER SKIN    209-030-204-079    .020 GLASS FABRIC
CTRMEM   2040791  0200076  14823    15623    15625
CTRMEM   2040792  0200076  14823    15625    14827
CTRMEM   2040793  0200076  14827    15625    15627
CTRMEM   2040794  0200076  15623    18621    18623
CSHEAR   2040795  0200076  15623    18623    18625    15625
CONROD   2047901  15623    18623    0076     0.072
CONROD   2047902  15625    18625    0076     0.144
CONROD   2047905  15623    15625    0076     0.298
CONROD   2047907  18623    18625    0076     0.298
CSHEAR   2040796  0200076  15625    18625    18627    15627
CONROD   2047903  15625    18625    0076     0.144
CONROD   2047904  15627    18627    0076     0.072
CONROD   2047906  15625    15627    0076     0.298
CONROD   2047908  18625    18627    0076     0.298
CTRMEM   2040797  0200076  15627    18627    18629
$
$                          PYLON FLOOR - WL 35.97
$                              209-030-205-059
$                         STA 186.25 TO STA 213.94
$
$    DOUBLERS
CONROD   2050431  18621    21321    7075     0.024
CONROD   2050651  18627    21327    7075     0.193
CONROD   2050652  18629    21329    7075     0.053
CONROD   2050432  18621    18623    7075     0.040
CONROD   2050433  18623    18625    7075     0.040
CONROD   2050434  18625    18627    7075     0.040
CONROD   2050435  18627    18629    7075     0.040
CONROD   2050436  21321    21323    7075     0.104
CONROD   2050437  21323    21325    7075     0.104
CONROD   2050438  21325    21327    7075     0.104
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CONROD   2050439 21327    21329    7075     0.104
$    LOWER SKIN    209-030-205-065    .016 ALUMINUM
CSHEAR   2050551 0167075 18621    21321    21323    18623
CONROD   2055501 18621    21321    7075     0.018
CONROD   2055502 18623    21323    7075     0.094
CONROD   2055511 18621    18623    7075     0.221
CONROD   2055515 21321    21323    7075     0.221
CSHEAR   2050552 0167075 18623    21323    21325    18625
CONROD   2055503 18623    21323    7075     0.094
CONROD   2055504 18625    21325    7075     0.059
CONROD   2055512 18623    18625    7075     0.221
CONROD   2055516 21323    21325    7075     0.221
CSHEAR   2050553 0167075 18625    21325    21327    18627
CONROD   2055505 18625    21325    7075     0.059
CONROD   2055506 18627    21327    7075     0.094
CONROD   2055513 18625    18627    7075     0.221
CONROD   2055517 21325    21327    7075     0.221
CSHEAR   2050554 0167075 18627    21327    21329    18629
CONROD   2055507 18627    21327    7075     0.094
CONROD   2055508 18629    21329    7075     0.018
CONROD   2055514 18627    18629    7075     .221
CONROD   2055518 21327    21329    7075     0.221
$    UPPER SKIN    209-030-205-063    .012 ALUMINUM
CSHEAR   2050631 0127075 18621    21321    21323    18623
CONROD   2056301 18621    21321    7075     0.004
CONROD   2056302 18623    21323    7075     0.069
CONROD   2056311 18621    18623    7075     0.145
CONROD   2056315 21321    21323    7075     0.145
CSHEAR   2050632 0127075 18623    21323    21325    18625
CONROD   2056303 18623    21323    7075     0.069
CONROD   2056304 18625    21325    7075     0.045
CONROD   2056312 18623    18625    7075     0.145
CONROD   2056316 21323    21325    7075     0.145
CSHEAR   2050633 0127075 18625    21325    21327    18627
CONROD   2056305 18625    21325    7075     0.045
CONROD   2056306 18627    21327    7075     0.069
CONROD   2056313 18625    18627    7075     0.145
CONROD   2056317 21325    21327    7075     0.145
CSHEAR   2050634 0127075 18627    21327    21329    18629
CONROD   2056307 18627    21327    7075     0.069
CONROD   2056308 18629    21329    7075     0.005
CONROD   2056314 18627    18629    7075     0.145
CONROD   2056318 21327    21329    7075     0.145
$
$                          AFT FUEL CELL FLOOR - WL 35.97
$                                  209-030-206-063
$                              STA 213.94 TO STA 250.00
$
$    DOUBLERS
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```
CONROD  2060850  21321    21321    7075     0.180
CONROD  2060851  21323    21323    7075     0.180
CONROD  2060852  21321    21323    7075     0.205
CONROD  2060853  21323    21325    7075     0.205
CONROD  2060854  21325    21327    7075     0.205
CONROD  2060855  21327    21329    7075     0.205
CONROD  2060856  21821    21823    7075     0.242
CONROD  2060857  21823    21825    7075     0.242
CONROD  2060858  21825    21827    7075     0.242
CONROD  2060859  21827    21829    7075     0.242
CONROD  2060501  21821    22721    7075     0.174
CONROD  2060271  21829    22729    7075     0.174
CONROD  2060231  22721    22723    7075     0.145
CONROD  2060232  22723    22725    7075     0.145
CONROD  2060233  22725    22727    7075     0.145
CONROD  2060234  22727    22729    7075     0.145
CONROD  2060211  22721    25021    7075     0.084
CONROD  2060191  22729    25029    7075     0.084
CONROD  2060391  25021    25025    7075     0.111
CONROD  2060392  25025    25029    7075     0.111
$    LOWER SKIN    209-030-206-087    .016 TITANIUM
CSHEAR  2060871  0169046  21321    21821    21823    21323
CONROD  2068701  21321    21821    9046     0.017
CONROD  2068702  21323    21823    9046     0.093
CONROD  2068711  21321    21323    9046     0.040
CONROD  2068715  21821    21823    9046     0.040
CSHEAR  2060872  0169046  21323    21823    21825    21325
CONROD  2068703  21323    21823    9046     0.093
CONROD  2068704  21325    21825    9046     0.059
CONROD  2068712  21323    21325    9046     0.040
CONROD  2068716  21823    21825    9046     0.040
CSHEAR  2060873  0169046  21325    21825    21827    21327
CONROD  2068705  21325    21825    9046     0.059
CONROD  2068706  21327    21827    9046     0.093
CONROD  2068713  21325    21327    9046     0.040
CONROD  2068717  21825    21827    9046     0.040
CSHEAR  2060874  0169046  21327    21827    21829    21329
CONROD  2068707  21327    21827    9046     0.093
CONROD  2068708  21329    21829    9046     0.017
CONROD  2068714  21327    21329    9046     0.040
CONROD  2068718  21827    21829    9046     0.040
CSHEAR  2060875  0169046  21821    22721    22723    21823
CONROD  2068721  21821    22721    9046     0.014
CONROD  2068722  21823    22723    9046     0.092
CONROD  2068731  21821    21823    9046     0.069
CONROD  2068735  22721    22723    9046     0.069
CSHEAR  2060876  0169046  21823    22723    22725    21825
CONROD  2068723  21823    22723    9046     0.092
CONROD  2068724  21825    22725    9046     0.059
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CONROD   2068734  21823    21825    9046     0.069
CONROD   2068736  22723    22725    9046     0.069
CSHEAR   2060877  0169046  21825    22725    22727    21827
CONROD   2068725  21825    22725    9046     0.059
CONROD   2068726  21827    22727    9046     0.092
CONROD   2068733  21825    21827    9046     0.069
CONROD   2068737  22725    22727    9046     0.069
CSHEAR   2060878  0169046  21827    22727    22729    21829
CONROD   2068727  21827    22727    9046     0.092
CONROD   2068728  21829    22729    9046     0.014
CONROD   2068734  21827    21829    9046     0.069
CONROD   2068738  22727    22729    9046     0.069
CTRMEM   2060881  0169046  22721    25021    22723
CSHEAR   2060882  0169046  22723    25021    25025    22725
CONROD   2068801  22723    25021    9046     0.065
CONROD   2068802  22725    25025    9046     0.136
CONROD   2068811  22723    22725    9046     0.179
CONROD   2068813  25021    25025    9046     0.179
CSHEAR   2060883  0169046  22725    25025    25029    22727
CONROD   2068803  22725    25025    9046     0.136
CONROD   2068804  22727    25029    9046     0.065
CONROD   2068812  22725    22727    9046     0.179
CONROD   2068814  25025    25029    9046     0.179
CTRMEM   2060884  0169046  22727    25029    22729
$    UPPER SKIN    209-030-206-091    .010 GLASS FABRIC
CSHEAR   2060911  0100076  21321    21821    21823    21323
CONROD   2069101  21321    21821    0076     0.011
CONROD   2069102  21323    21823    0076     0.058
CONROD   2069111  21321    21323    0076     0.025
CONROD   2069115  21821    21823    0076     0.025
CSHEAR   2060912  0100076  21323    21823    21825    21325
CONROD   2069103  21323    21823    0076     0.058
CONROD   2069104  21325    21825    0076     0.037
CONROD   2069112  21323    21325    0076     0.025
CONROD   2069116  21823    21825    0076     0.025
CSHEAR   2060913  0100076  21325    21825    21827    21327
CONROD   2069105  21325    21825    0076     0.037
CONROD   2069106  21327    21827    0076     0.058
CONROD   2069113  21325    21327    0076     0.025
CONROD   2069117  21825    21827    0076     0.025
CSHEAR   2060914  0100076  21327    21827    21829    21329
CONROD   2069107  21327    21827    0076     0.058
CONROD   2069108  21329    21829    0076     0.011
CONROD   2069114  21327    21329    0076     0.025
CONROD   2069118  21827    21829    0076     0.025
$    UPPER SKIN    209-030-206-089    .020 GLA
CSHEAR   2060891  0200076  21321    21821    2182
CONROD   2068901  21321    21821    0076     0.02
CONROD   2068902  21323    21823    0076     0.1
```

CONROD	2068911	21321	21323	0076	0.050	
CONROD	2068915	21821	21823	0076	0.050	
CSHEAR	2060892	0200076	21323	21823	21825	21325
CONROD	2068903	21323	21325	0076	0.116	
CONROD	2068904	21325	21825	0076	0.074	
CONROD	2068912	21323	21325	0076	0.050	
CONROD	2068916	21823	21825	0076	0.050	
CSHEAR	2060893	0200076	21325	21825	21827	21327
CONROD	2068905	21325	21825	0076	0.074	
CONROD	2068906	21327	21827	0076	0.116	
CONROD	2068913	21325	21327	0076	0.050	
CONROD	2068917	21825	21827	0076	0.050	
CSHEAR	2060894	0200076	21327	21827	21829	21329
CONROD	2068907	21327	21827	0076	0.116	
CONROD	2068908	21329	21829	0076	0.021	
CONROD	2068914	21327	21329	0076	0.050	
CONROD	2068918	21827	21829	0076	0.050	
CSHEAR	2060895	0200076	21821	22721	22723	21823
CONROD	2068921	21821	22721	0076	0.018	
CONROD	2068922	21823	22723	0076	0.115	
CONROD	2068931	21821	21823	0076	0.087	
CONROD	2068935	22721	22723	0076	0.087	
CSHEAR	2060896	0200076	21823	22723	22725	21825
CONROD	2068923	21823	22723	0076	0.115	
CONROD	2068924	21825	22725	0076	0.074	
CONROD	2068932	21823	21825	0076	0.087	
CONROD	2068936	22723	22725	0076	0.087	
CSHEAR	2060897	0200076	21825	22725	22727	21827
CONROD	2068925	21825	22725	0076	0.074	
CONROD	2068926	21827	22727	0076	0.115	
CONROD	2068933	21825	21827	0076	0.087	
CONROD	2068937	22725	22727	0076	0.087	
CSHEAR	2060898	0200076	21827	22727	22729	21829
CONROD	2068927	21827	22727	0076	0.115	
CONROD	2068928	21829	22729	0076	0.018	
CONROD	2068934	21827	21829	0076	0.087	
CONROD	2068938	22727	22729	0076	0.087	
CTRMEM	2060901	0200076	22721	25021	22723	
CSHEAR	2060902	0200076	22723	25021	25025	22725
CONROD	2069001	22723	25021	0076	0.081	
CONROD	2069002	22725	25025	0076	0.170	
CONROD	2069011	22723	22725	0076	0.224	
CONROD	2069013	25021	25025	0076	0.224	
CSHEAR	2060903	0200076	22725	25025	25029	22727
CONROD	2069003	22725	25025	0076	0.170	
CONROD	2069004	22727	25029	0076	0.081	
CONROD	2069012	22725	22727	0076	0.224	
CONROD	2069014	25025	25029	0076	0.224	
CTRMEM	2060904	0200076	22727	25029	22729	

```
$
$                                  FLOOR PANEL - WL 35.97
$                                       209-030-207-077
$                                 STA 250.00 TO STA 268.25
$
$    DOUBLERS
CONROD   2070091 25021    26821    2024     0.025
CONROD   2070511 25029    26829    2024     0.068
CONROD   2070231 25021    25025    2024     0.044
CONROD   2070232 25025    25029    2024     0.044
CONROD   2070551 26821    26825    2024     0.041
CONROD   2070552 26825    26829    2024     0.041
$    LOWER SKIN    209-030-207-027    .016 ALUMINUM
CSHEAR   2070271 0162024 25021    26821    26825    25025
CONROD   2072701 25021    26821    2024     0.073
CONROD   2072702 25025    26825    2024     0.160
CONROD   2072711 25021    25025    2024     0.144
CONROD   2072713 26821    26825    2024     0.144
CSHEAR   2070272 0162024 25025    26825    26829    25029
CONROD   2072703 25025    26825    2024     0.160
CONROD   2072704 25029    26829    2024     0.073
CONROD   2072712 25025    25029    2024     0.144
CONROD   2072714 26825    26829    2024     0.144
$    UPPER SKIN    209-030-207-081    .012 ALUMINUM
CSHEAR   2070811 0122024 25021    26821    26825    25025
CONROD   2078101 25021    26821    2024     0.040
CONROD   2078102 25025    26825    2024     0.118
CONROD   2078111 25021    25025    2024     0.090
CONROD   2078113 26821    26825    2024     0.090
CSHEAR   2070812 0122024 25025    26825    26829    25029
CONROD   2078103 25025    26825    2024     0.118
CONROD   2078104 25029    26829    2024     0.040
CONROD   2078112 25021    25029    2024     0.090
CONROD   2078114 26825    26829    2024     0.090
$
$                                  FLOOR PANEL - WL 35.97
$                                       209-030-207-085
$                                 STA 268.25 TO BS  41.32
$
$    DOUBLERS
CONROD   2070571 26821    29921    7075     0.156
CONROD   2070151 26829    29929    2024     0.028
CONROD   2070131 26821    26825    2024     0.041
CONROD   2070132 26825    26829    2024     0.041
CONROD   2070211 29921    29925    2024     0.039
CONROD   2070212 29925    29929    2024     0.039
$    LOWER SKIN    209-030-207-065    .008 ALUMINUM
CSHEAR   2070651 0082024 26821    29921    29925    26825
CONROD   2076501 26821    29921    2024     0.019
```

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CONROD   2076502 26825    29925    2024     0.065
CONROD   2076511 26821    26825    2024     0.111
CONROD   2076513 29921    29925    2024     0.111
CSHEAR   2070652 0082024  26825    29925    29929    26829
CONROD   2076503 26825    29925    2024     0.065
CONROD   2076504 26829    29929    2024     0.013
CONROD   2076512 26825    26829    2024     0.111
CONROD   2076514 29925    29929    2024     0.111
$    UPPER SKIN    209-030-207-087    .016 ALUMINUM
CSHEAR   2070871 0162024  26821    29921    29925    26825
CONROD   2078701 26821    29921    2024     0.063
CONROD   2078702 26825    29925    2024     0.141
CONROD   2078711 26821    26825    2024     0.248
CONROD   2078713 29921    29925    2024     0.248
CSHEAR   2070872 0162024  26825    29925    29929    26829
CONROD   2078703 26825    29925    2024     0.141
CONROD   2078704 26829    29929    2024     0.063
CONROD   2078712 26825    26829    2024     0.248
CONROD   2078714 29925    29929    2024     0.248
$
$                              GUNNER'S FLOOR - WL 46.00
$                                   209-030-201-089
$                              STA  46.00 TO STA  93.00
$
$    DOUBLERS
CONROD   2010191   4633     6131    2024     0.018
CONROD   2010192   4637     6139    2024     0.018
CONROD   2010211   4633     4637    2024     0.024
$    LOWER SKIN    209-030-201-067    .012 ALUMINUM
CTRMEM   2010671 0122024  4633     6131     6133
CSHEAR   2010672 0122024  4633     6133     6137     4637
CONROD   2016701   4633     6133    2024     0.029
CONROD   2016702   4637     6137    2024     0.029
CONROD   2016703   4633     4637    2024     0.079
CONROD   2016704   6133     6137    2024     0.079
CTRMEM   2010673 0122024  4637     6137     6139
$    LOWER SKIN    209-030-201-085    .032 ALUMINUM
CSHEAR   2010851 0322024  6131     7031     7033     6133
CONROD   2018501   6131     7031    2024     0.032
CONROD   2018502   6133     7033    2024     0.032
CONROD   2018507   6131     6133    2024     0.127
CONROD   2018510   7031     7033    2024     0.127
CSHEAR   2010852 0322024  6133     7033     7037     6137
CONROD   2018503   6133     7033    2024     0.320
CONROD   2018504   6137     7037    2024     0.320
CONROD   2018508   6133     6137    2024     0.127
CONROD   2018511   7033     7037    2024     0.127
CSHEAR   2010853 0322024  6137     7037     7039     6139
CONROD   2018505   6137     7037    2024     0.032
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CONROD   2018506   6139     7039     2024     0.032
CONROD   2018509   6137     6139     2024     0.127
CONROD   2018512   7037     7039     2024     0.127
CSHEAR   2010854 0322024   7031     8531     8533     7033
CONROD   2018521   7031     8531     2024     0.062
CONROD   2018522   7033     8533     2024     0.062
CONROD   2018525   7031     7033     2024     0.232
CONROD   2018527   8531     8533     2024     0.232
CSHEAR   2010856 0322024   7037     8537     8539     7039
CONROD   2018523   7037     8537     2024     0.062
CONROD   2018524   7039     8539     2024     0.062
CONROD   2018526   7037     7039     2024     0.232
CONROD   2018528   8537     8539     2024     0.232
CSHEAR   2010857 0322024   8531     9331     9333     8533
CONROD   2018531   8531     9331     2024     0.082
CONROD   2018532   8533     9333     2024     0.082
CONROD   2018537   8531     8533     2024     0.098
CONROD   2018540   9331     9333     2024     0.098
CSHEAR   2010858 0322024   8533     9333     9337     8537
CONROD   2018533   8533     9333     2024     0.320
CONROD   2018534   8537     9337     2024     0.320
CONROD   2018538   8533     8537     2024     0.098
CONROD   2018541   9333     9337     2024     0.098
CSHEAR   2010859 0322024   8537     9337     9339     8539
CONROD   2018535   8537     9337     2024     0.082
CONROD   2018536   8539     9339     2024     0.082
CONROD   2018539   8537     8539     2024     0.098
CONROD   2018542   9337     9339     2024     0.098
$    INTERIOR SKIN    209-030-201-053    .016 ALUMINUM
CSHEAR   2010531 0162024   6131     7031     7033     6133
CONROD   2015301   6131     7031     2024     0.029
CONROD   2015302   6133     7033     2024     0.029
CONROD   2015307   6131     6133     2024     0.076
CONROD   2015310   7031     7033     2024     0.076
CSHEAR   2010532 0162024   6133     7033     7037     6137
CONROD   2015303   6133     7033     2024     0.160
CONROD   2015304   6137     7037     2024     0.160
CONROD   2015308   6133     6137     2024     0.076
CONROD   2015311   7033     7037     2024     0.076
CSHEAR   2010533 0162024   6137     7037     7039     6139
CONROD   2015305   6137     7037     2024     0.029
CONROD   2015306   6139     7039     2024     0.029
CONROD   2015309   6137     6139     2024     0.076
CONROD   2015312   7037     7039     2024     0.076
CSHEAR   2010534 0162024   7031     8531     8533     7033
CONROD   2015321   7031     8531     2024     0.044
CONROD   2015322   7033     8533     2024     0.044
CONROD   2015325   7031     7033     2024     0.116
CONROD   2015327   8531     8533     2024     0.116
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CSHEAR   2010536 0162024  7037     8537     8539     7039
CONROD   2015323   7037    8537  2024     0.044
CONROD   2015324   7039    8539  2024     0.044
CONROD   2015326   7037    7039  2024     0.116
CONROD   2015328   8537    8539  2024     0.116
CSHEAR   2010537 0162024  8531     9331     9333     8533
CONROD   2015331   8531    9331  2024     0.054
CONROD   2015332   8533    9333  2024     0.054
CONROD   2015337   8531    8533  2024     0.062
CONROD   2015343   9331    9333  2024     0.062
CSHEAR   2010538 0162024  8533     9333     9337     8537
CONROD   2015333   8533    9333  2024     0.160
CONROD   2015334   8537    9337  2024     0.160
CONROD   2015338   8533    8537  2024     0.062
CONROD   2015341   9333    9337  2024     0.062
CSHEAR   2010539 0162024  8537     9337     9339     8539
CONROD   2015336   8539    9339  2024     0.054
CONROD   2015335   8537    9337  2024     0.054
CONROD   2015339   8537    8539  2024     0.062
CONROD   2015342   9337    9339  2024     0.062
$     UPPER SKIN    209-030-201-069    .020 ALUMINUM
CTRMEM   2010691 0202024  4633     6131     6133
CSHEAR   2010692 0202024  4633     6133     6137     4637
CONROD   2016901   4633    6133  2024     0.062
CONROD   2016902   4637    6137  2024     0.062
CONROD   2016903   4633    4637  2024     0.151
CONROD   2016904   6133    6137  2024     0.151
CTRMEM   2010693 0202024  4637     6137     6139
CSHEAR   2010694 0202024  6131     7031     7033     6133
CONROD   2016911   6131    7031  2024     0.036
CONROD   2016912   6133    7033  2024     0.036
CONROD   2016917   6131    6133  2024     0.095
CONROD   2016920   7031    7033  2024     0.095
CSHEAR   2010695 0202024  6133     7033     7037     6137
CONROD   2016913   6133    7033  2024     0.200
CONROD   2016914   6137    7037  2024     0.200
CONROD   2016918   6133    6137  2024     0.095
CONROD   2016921   7033    7037  2024     0.095
CSHEAR   2010696 0202024  6137     7037     7039     6139
CONROD   2016915   6137    7037  2024     0.036
CONROD   2016916   6139    7039  2024     0.036
CONROD   2016919   6137    6139  2024     0.095
CONROD   2016922   7037    7039  2024     0.095
CSHEAR   2010697 0202024  7031     8531     8533     7033
CONROD   2016931   7031    8531  2024     0.055
CONROD   2016932   7033    8533  2024     0.055
CONROD   2016935   7031    7033  2024     0.148
CONROD   2016937   8531    8533  2024     0.148
CSHEAR   2010699 0202024  7037     8537     8539     7039
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CONROD   2016933   7037     8537     2024     0.055
CONROD   2016934   7039     8539     2024     0.055
CONROD   2016936   7037     7039     2024     0.148
CONROD   2016938   8537     8539     2024     0.148
CSHEAR   2010701 0202024   8531      9331     9333     8533
CONROD   2017001   8531     9331     2024     0.067
CONROD   2017002   8533     9333     2024     0.067
CONROD   2017007   8531     8533     2024     0.077
CONROD   2017010   9331     9333     2024     0.077
CSHEAR   2010702 0202024   8533      9333     9337     8537
CONROD   2017003   8533     9333     2024     0.200
CONROD   2017004   8537     9337     2024     0.200
CONROD   2017008   8533     8537     2024     0.077
CONROD   2017011   9333     9337     2024     0.077
CSHEAR   2010703 0202024   8537      9337     9339     8539
CONROD   2017005   8537     9337     2024     0.067
CONROD   2017006   8539     9339     2024     0.067
CONROD   2017009   8537     8539     2024     0.077
CONROD   2017012   9337     9339     2024     0.077
$
$                          TURRET SUPPORT FITTINGS - FWD
$                                 209-030-251-002
$
CONROD   2510021   7033     7043     2014     0.585
CONROD   2510022   7037     7047     2014     0.549
$
$                          TURRET SUPPORT FITTINGS - AFT
$                                 209-030-187-003
$
CONROD   1870031   8533     8543     2014     0.581
CONROD   1870032   8537     8547     2014     0.574
$
$                     XM-28 ARMAMENT SUBSYSTEM - TURRET
$
MPC      1000      7033   1      1.0      7505   1      -1.0      7505FR1
+7505FR1           7505   5     -15.00    7505   6       10.00
MPC      1000      7033   2      1.0      7505   2      -1.0      7505FR2
+7505FR2           7505   4       15.00   7505   6        4.71
MPC      1000      7033   3      1.0      7505   3      -1.0      7505FR3
+7505FR3           7505   4     -10.00    7505   5       -4.71
MPC      1000      7037   1      1.0      7505   1      -1.0      7505FL1
+7505FL1           7505   5     -15.00    7505   6      -10.00
MPC      1000      7037   2      1.0      7505   2      -1.0      7505FL2
+7505FL2           7505   4       15.00   7505   6        4.71
MPC      1000      7037   3      1.0      7505   3      -1.0      7505FL3
+7505FL3           7505   4       10.00   7505   5       -4.71
MPC      1000      8533   1      1.0      7505   1      -1.0      7505AR1
+7505AR1           7505   5     -15.00    7505   6       10.00
MPC      1000      8533   2      1.0      7505   2      -1.0      7505AR2
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+7505AR2                7505    4          15.00    7505    6          -9.76
MPC      1000           8533    3        1.0        7505    3         -1.0          7505AR3
+7505AR3                7505    4         -10.00    7505    5           9.76
MPC      1000           8537    1        1.0        7505    1         -1.0          7505AL1
+7505AL1                7505    5         -15.00    7505    6         -10.00
MPC      1000           8537    2        1.0        7505    2         -1.0          7505AL2
+7505AL2                7505    4          15.00    7505    6          -9.76
MPC      1000           8537    3        1.0        7505    3         -1.0          7505AL3
+7505AL3                7505    4          10.00    7505    5           9.76
$
$                                  AMMUNITION COVER - WL 46.00
$                                        209-030-217-005
$                                STA 102.00 TO STA 138.70
$
$    DOUBLERS
CONROD   2170171   9333    11533    2024     0.027
CONROD   2170101   9333    11533    2024     0.052
CONROD   2170172  11533    13833    2024     0.027
CONROD   2170102  11533    13833    2024     0.052
CONROD   2170291   9337    11537    2024     0.027
CONROD   2170091   9337    11537    2024     0.052
CONROD   2170292  11537    13837    2024     0.027
CONROD   2170092  11537    13837    2024     0.052
CONROD   2170191   9333     9337    2024     0.032
CONROD   2360031   9333     9337    7075     0.108
CONROD   2170271  13833    13837    2024     0.032
$    LOWER SKIN     209-030-211-007     .032 ALUMINUM
CSHEAR   2110071 0322024   9331     9333    11533    11531
CONROD   2110701   9331    11531    2024     0.109
CONROD   2110704   9333    11533    2024     0.109
CONROD   2110707   9331     9333    2024     0.361
CONROD   2110708  11531    11533    2024     0.361
CSHEAR   2110072 0322024  11531    11533    13833    13831
CONROD   2110702  11531    13831    2024     0.109
CONROD   2110705  11533    13833    2024     0.109
CONROD   2110709  11531    11533    2024     0.370
CONROD   2110710  13831    13833    2024     0.370
CSHEAR   2110073 0322024  13831    13833    14833    14831
CONROD   2110703  13831    14831    2024     0.109
CONROD   2110706  13833    14833    2024     0.109
CONROD   2110711  13831    13833    2024     0.157
CONROD   2110712  14831    14833    2024     0.157
CSHEAR   2110051 0322024   9337     9339    11539    11537
CONROD   2110501   9337    11537    2024     0.109
CONROD   2110504   9339    11539    2024     0.109
CONROD   2110507   9337     9339    2024     0.361
CONROD   2110508  11537    11539    2024     0.361
CSHEAR   2110052 0322024  11537    11539    13839    13837
CONROD   2110502  11537    13837    2024     0.109
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CONROD   2110505 11539    13839    2024     0.109
CONROD   2110509 11537    11539    2024     0.370
CONROD   2110510 13837    13839    2024     0.370
CSHEAR   2110053 0322024  13837    13839    14839    14837
CONROD   2110503 13837    14837    2024     0.109
CONROD   2110506 13839    14839    2024     0.109
CONROD   2110511 13837    13839    2024     0.157
CONROD   2110512 14837    14839    2024     0.157
$    LOWER SKIN    209-030-217-011    .016 ALUMINUM
CSHEAR   2170111 0162024  9333     11533    11537    9337
CONROD   2171101  9333    11533    2024     0.053
CONROD   2171103  9337    11537    2024     0.053
CONROD   2171105  9333     9337    2024     0.109
CONROD   2171106 11533    11537    2024     0.109
CSHEAR   2170112 0162024  11533    13833    13837    11537
CONROD   2171102 11533    13833    2024     0.053
CONROD   2171104 11537    13837    2024     0.053
CONROD   2171107 11533    11537    2024     0.183
CONROD   2171108 13833    13837    2024     0.183
$    UPPER SKIN    209-030-217-033    .012 ALUMINUM
CSHEAR   2170331 0122024  9333     11533    11537    9337
CONROD   2173301  9333    11533    2024     0.028
CONROD   2173303  9337    11537    2024     0.028
CONROD   2173305  9333     9337    2024     0.075
CONROD   2173306 11533    11537    2024     0.075
CSHEAR   2170332 0122024  11533    13833    13837    11537
CONROD   2173302 11533    13833    2024     0.028
CONROD   2173304 11537    13837    2024     0.028
CONROD   2173307 11533    11537    2024     0.131
CONROD   2173308 13833    13837    2024     0.131
$
$                          PILOT'S FLOOR - WL 55.00
$                                209-030-202-001
$                          STA  95.44 TO STA 148.50
$
$    DOUBLERS
CONROD   2020291  9343    11543    2024     0.027
CONROD   1560041  9343    11543    7075     0.132
CONROD   2020292 11543    13843    2024     0.026
CONROD   1560042 11543    13843    7075     0.130
CONROD   2020293 13843    14843    2024     0.030
CONROD   1560043 13843    14843    7075     0.194
CONROD   2020271  9347    11547    2024     0.027
CONROD   1560031  9347    11547    7075     0.124
CONROD   2020272 11547    13847    2024     0.026
CONROD   1560032 11547    13847    7075     0.122
CONROD   2020273 13847    14847    2024     0.030
CONROD   1560033 13847    14847    7075     0.200
CONROD   2020171  9343     9347    2024     0.183
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CONROD   2020172 13843    13847    2024     0.041
CONROD   2020173 14843    14847    2024     0.027
$    LOWER SKIN    209-030-207-077    .016 ALUMINUM
CSHEAR   2070771 0162024   9343    11543    11547     9347
CONROD   2077701   9343    11543    2024     0.034
CONROD   2077704   9347    11547    2024     0.034
CONROD   2077707   9343     9347    2024     0.150
CONROD   2077708  11543    11547    2024     0.150
CSHEAR   2070772 0162024  11543    13843    13847    11547
CONROD   2077702  11543    13843    2024     0.031
CONROD   2077705  11547    13847    2024     0.031
CONROD   2077709  11543    11547    2024     0.175
CONROD   2077710  13843    13847    2024     0.175
CSHEAR   2070773 0162024  13843    14843    14847    13847
CONROD   2077703  13843    14843    2024     0.029
CONROD   2077706  13847    14847    2024     0.029
CONROD   2077711  13843    13847    2024     0.063
CONROD   2077712  14843    14847    2024     0.063
$    UPPER SKIN    209-030-202-073    .020 ALUMINUM
CSHEAR   2020731 0202024   9343    11543    11547     9347
CONROD   2027301   9343    11543    2024     0.065
CONROD   2027304   9347    11547    2024     0.065
CONROD   2027307   9343     9347    2024     0.200
CONROD   2027308  11543    11547    2024     0.200
CSHEAR   2020732 0202024  11543    13843    13847    11547
CONROD   2027302  11543    13843    2024     0.065
CONROD   2027305  11547    13847    2024     0.065
CONROD   2027309  11543    11547    2024     0.231
CONROD   2027310  13843    13847    2024     0.231
CSHEAR   2020733 0202024  13843    14843    14847    13847
CONROD   2027303  13843    14843    2024     0.065
CONROD   2027306  13847    14847    2024     0.065
CONROD   2027311  13843    13847    2024     0.097
CONROD   2027312  14843    14847    2024     0.097
$
$                    GUNNER/PILOT CONSOLE WEB - RIGHT SIDE
$                                 209-030-250-177
$                          STA  61.25 TO STA 186.25
$
$    LOWER SKIN    209-030-250-177    .032 ALUMINUM
CSHEAR   2501771 0322024   6161     6163     7063     7061
CONROD   2507701   6161     7061    2024     0.084
CONROD   2507707   6163     7063    2024     0.084
CONROD   2507713   6161     6163    2024     0.153
CONROD   2507714   7061     7063    2024     0.153
CSHEAR   2501772 0322024   7061     7063     8563     8561
CONROD   2507702   7061     8561    2024     0.098
CONROD   2507708   7063     8563    2024     0.098
CONROD   2507715   7061     7063    2024     0.232
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CONROD   2507716   8561      8563     2024      0.232
CSHEAR   2501773  0322024    8561      8563      9363      9361
CONROD   2507703   8561      9361     2024      0.113
CONROD   2507709   8563      9363     2024      0.113
CONROD   2507717   8561      8563     2024      0.190
CONROD   2507718   9361      9363     2024      0.190
CSHEAR   2501774  0322024    9361      9363     11563     11561
CONROD   2507704   9361     11561     2024      0.120
CONROD   2507710   9363     11563     2024      0.120
CONROD   2507719   9361      9363     2024      0.295
CONROD   2507720  11561     11563     2024      0.295
CSHEAR   2501775  0322024   11561     11563     13863     13861
CONROD   2507705  11561     13861     2024      0.121
CONROD   2507711  11563     13863     2024      0.121
CONROD   2507721  11561     11563     2024      0.370
CONROD   2507722  13861     13863     2024      0.370
CSHEAR   2501776  0322024   13861     13863     14863     14861
CONROD   2507706  13861     14861     2024      0.121
CONROD   2507712  13863     14863     2024      0.121
CONROD   2507723  13861     13863     2024      0.157
CONROD   2507724  14861     14863     2024      0.157
CTRMEM   2501777  0322024   14861     14863     18661
$
$                        GUNNER/PILOT CONSOLE WEB - LEFT SIDE
$                                  209-030-210-089
$                              STA  61.25 TO STA 136.25
$
$   LOWER SKIN    209-030-210-089    .032 ALUMINUM
CSHEAR   2100891  0322024    6167      6169      7069      7067
CONROD   2108901   6167      7067     2024      0.084
CONROD   2108907   6169      7069     2024      0.084
CONROD   2108913   6167      6169     2024      0.153
CONROD   2108914   7067      7069     2024      0.153
CSHEAR   2100892  0322024    7067      7069      8569      8567
CONROD   2108902   7067      8567     2024      0.098
CONROD   2108908   7069      8569     2024      0.098
CONROD   2108915   7067      7069     2024      0.232
CONROD   2108916   8567      8569     2024      0.232
CSHEAR   2100893  0322024    8567      8569      9369      9367
CONROD   2108903   8567      9367     2024      0.113
CONROD   2108909   8569      9369     2024      0.113
CONROD   2108917   8567      8569     2024      0.190
CONROD   2108918   9367      9369     2024      0.190
CSHEAR   2100894  0322024    9367      9369     11569     11567
CONROD   2108904   9367     11567     2024      0.120
CONROD   2108910   9369     11569     2024      0.120
CONROD   2108919   9367      9369     2024      0.295
CONROD   2108920  11567     11569     2024      0.295
CSHEAR   2100895  0322024   11567     11569     13869     13867
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CONROD   2108905 11567    13867    2024     0.121
CONROD   2108911 11569    13869    2024     0.121
CONROD   2108921 11567    11569    2024     0.267
CONROD   2108922 13867    13869    2024     0.267
CSHEAR   2100896 0322024 13867    13869    14869    14867
CONROD   2108906 13867    14867    2024     0.121
CONROD   2108912 13869    14869    2024     0.121
CONROD   2108923 13867    13869    2024     0.260
CONROD   2108924 14867    14869    2024     0.260
CTRMEM   2100897 0322024 14867    14869    18669
$
$                              ENGINE DECK - WL 65.00
$                                  209-030-209-119
$                             STA 213.94 TO STA 250.00
$
$    DOUBLERS
CONROD   2091270 21361    25061    7075     0.038
CONROD   2091271 21367    25069    7075     0.094
CONROD   2091272 21361    21363    7075     0.168
CONROD   2091273 21363    21364    7075     0.168
CONROD   2091274 21364    21366    7075     0.168
CONROD   2091275 21366    21367    7075     0.168
CONROD   2091276 25061    25065    7075     0.051
CONROD   2091277 25065    25069    7075     0.051
$    LOWER SKIN    209-030-209-129    .020 GLASS FABRIC
CTRMEM   2091291 0200076 21361    25061    21363
CSHEAR   2091292 0200076 21363    25061    25065    21364
CONROD   2092901 21363    25061    0076     0.085
CONROD   2092902 21364    25065    0076     0.085
CONROD   2092911 21363    21364    0076     0.359
CONROD   2092913 25061    25065    0076     0.359
CTRMEM   2091293 0200076 21364    25065    21366
CSHEAR   2091294 0200076 21366    25065    25069    21367
CONROD   2092903 21366    25065    0076     0.080
CONROD   2092904 21367    25069    0076     0.080
CONROD   2092912 21366    21367    0076     0.359
CONROD   2092914 25065    25069    0076     0.359
CTRMEM   2091295 0200076 21367    25069    21369
$    UPPER SKIN    209-030-209-125    .016 TITANIUM
CTRMEM   2091251 0169046 21361    25061    21363
CSHEAR   2091252 0169046 21363    25061    25065    21364
CONROD   2092501 21363    25061    9046     0.068
CONROD   2092502 21364    25065    9046     0.068
CONROD   2092511 21363    21364    9046     0.287
CONROD   2092513 25061    25065    9046     0.287
CTRMEM   2091253 0169046 21364    25065    21366
CSHEAR   2091254 0169046 21366    25065    25069    21367
CONROD   2092503 21366    25065    9046     0.064
CONROD   2092504 21367    25069    9046     0.064
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CONROD   2092512 21366    21367    9046     0.287
CONROD   2092514 25065    25069    9046     0.287
CTRMEM   2091255 0169046  21367    25069    21369
$
$                                  ENGINE DECK - WL 65.00
$                                       209-030-209-119
$                                  STA 250.00 TO BS  41.32
$
$    DOUBLERS
CONROD   2091031 25061    26861    2024     0.071
CONROD   2090051 25061    26861    7075     0.036
CONROD   2091032 25065    26865    2024     0.071
CONROD   2090052 25065    26865    7075     0.036
CONROD   2091011 25065    26865    2024     0.049
CONROD   2090053 25065    26865    7075     0.025
CONROD   2091012 25069    26869    2024     0.049
CONROD   2090054 25069    26869    7075     0.025
CONROD   2090411 25061    25065    2024     0.408
CONROD   2090055 25061    25065    7075     0.283
CONROD   2090412 25065    25069    2024     0.408
CONROD   2090056 25065    25069    7075     0.283
CONROD   2090431 26861    26865    2024     0.273
CONROD   2090057 26861    26865    7075     0.258
CONROD   2090432 26865    26869    2024     0.273
CONROD   2090058 26865    26869    7075     0.258
CONROD   2091281 26861    29961    7075     0.031
CONROD   2091282 26869    29969    7075     0.047
CONROD   2091283 26861    26865    7075     0.054
CONROD   2091284 26865    26869    7075     0.054
CONROD   2091285 29961    29965    7075     0.036
CONROD   2091286 29965    29969    7075     0.036
$    LOWER SKIN    209-030-209-129    .020 GLASS FABRIC
CSHEAR   2091296 0200076  25061    26861    26865    25065
CONROD   2092921 25061    26861    0076     0.099
CONROD   2092922 25065    26865    0076     0.207
CONROD   2092931 25061    25065    0076     0.183
CONROD   2092933 26861    26865    0076     0.183
CSHEAR   2091297 0200076  25065    26865    26869    25069
CONROD   2092923 25065    26865    0076     0.207
CONROD   2092924 25069    26869    0076     0.099
CONROD   2092932 25065    25069    0076     0.183
CONROD   2092934 26865    26869    0076     0.183
CSHEAR   2091298 0200076  26861    29961    29965    26865
CONROD   2092941 26861    29961    0076     0.086
CONROD   2092942 26865    29965    0076     0.181
CONROD   2092951 26861    26865    0076     0.303
CONROD   2092953 29961    29965    0076     0.303
CSHEAR   2091299 0200076  26865    29965    29969    26869
CONROD   2092943 26865    29965    0076     0.181
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CONROD   2092944 26869   29969   0076    0.086
CONROD   2092952 26865   26869   0076    0.303
CONROD   2092954 29965   29969   0076    0.303
$    UPPER SKIN    209-030-209-125    .016 TITANIUM
CSHEAR   2091256 0169046 25061   26861   26865   25065
CONROD   2092521 25061   26861   9046    0.072
CONROD   2092522 25065   26865   9046    0.165
CONROD   2092531 25061   25065   9046    0.146
CONROD   2092533 26861   26865   9046    0.146
CSHEAR   2091257 0169046 25065   26865   26869   25069
CONROD   2092523 25065   26865   9046    0.165
CONROD   2092524 25069   26869   9046    0.079
CONROD   2092532 25065   25069   9046    0.146
CONROD   2092534 26865   26869   9046    0.146
CSHEAR   2091258 0169046 26861   29961   29965   26865
CONROD   2092541 26861   29961   9046    0.069
CONROD   2092542 26865   29965   9046    0.145
CONROD   2092551 26861   26865   9046    0.242
CONROD   2092553 29961   29965   9046    0.242
CSHEAR   2091259 0169046 26865   29965   29969   26869
CONROD   2092543 26865   29965   9046    0.145
CONROD   2092544 26869   29969   9046    0.069
CONROD   2092552 26865   26869   9046    0.242
CONROD   2092554 29965   29969   9046    0.242
$    UPPER SKIN    209-030-209-127    .012 TITANIUM
CSHEAR   2091278 0129046 25061   26861   26865   25065
CONROD   2092701 25061   26861   9046    0.060
CONROD   2092702 25065   26865   9046    0.124
CONROD   2092711 25061   25065   9046    0.110
CONROD   2092713 26861   26865   9046    0.110
CSHEAR   2091279 0129046 25065   26865   26869   25069
CONROD   2092703 25065   26865   9046    0.124
CONROD   2092704 25069   26869   9046    0.060
CONROD   2092712 25065   25069   9046    0.110
CONROD   2092714 26865   26869   9046    0.110
$
$                    FORWARD FUEL CELL COVER - WL 77.57
$                              209-030-208-075
$                         STA 152.27 TO STA 186.25
$
$    DOUBLERS
CONROD   2084501 14881   16481   2024    0.045
CONROD   2084511 14889   16489   2024    0.044
CONROD   2084521 14881   14883   2024    0.078
CONROD   2084522 14883   14887   2024    0.078
CONROD   2084523 14887   14889   2024    0.078
CONROD   2084531 16481   16483   2024    0.090
CONROD   2084532 16483   16485   2024    0.090
CONROD   2084533 16485   16487   2024    0.090
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CONROD   2084534 16487   16489   2024    0.090
CONROD   2084502 16481   18681   2024    0.045
CONROD   2080231 16483   18683   7075    0.475
CONROD   2080232 16487   18687   7075    0.475
CONROD   2084512 16489   18689   2024    0.045
CONROD   2084541 18681   18683   2024    0.054
CONROD   2084542 18683   18685   2024    0.054
CONROD   2084543 18685   18687   2024    0.054
CONROD   2084544 18687   18689   2024    0.054
$    LOWER SKIN    209-030-208-011    .008  ALUMINUM
CTRMEM   2080111 0082024 14883   16483   16485
CTRMEM   2080112 0082024 14883   16485   14887
CTRMEM   2080113 0082024 14887   16485   16487
CSHEAR   2080114 0082024 14887   16487   16489   14889
CONROD   2081101 14887   14487   2024    0.016
CONROD   2081102 14889   16489   2024    0.016
CONROD   2081103 14887   14389   2024    0.036
CONROD   2081104 16487   16489   2024    0.036
$    LOWER SKIN    209-030-208-013    .008  ALUMINUM
CSHEAR   2080131 0082024 16481   18681   18683   16483
CONROD   2081301 16481   18681   2024    0.014
CONROD   2081302 16483   18683   2024    0.014
CONROD   2081309 16481   16483   2024    0.075
CONROD   2081313 18681   18683   2024    0.075
CSHEAR   2080132 0082024 16483   18683   18685   16485
CONROD   2081303 16483   18683   2024    0.050
CONROD   2081304 16485   18685   2024    0.050
CONROD   2081310 16483   16485   2024    0.075
CONROD   2081314 18683   18685   2024    0.075
CSHEAR   2080133 0082024 16485   18685   18687   16487
CONROD   2081305 16485   18685   2024    0.050
CONROD   2081306 16487   18687   2024    0.050
CONROD   2081311 16485   16487   2024    0.075
CONROD   2081315 18685   18687   2024    0.075
CSHEAR   2080134 0082024 16487   18687   18689   16489
CONROD   2081307 16487   18687   2024    0.014
CONROD   2081308 16489   18689   2024    0.014
CONROD   2081312 16487   16489   2024    0.075
CONROD   2081316 18687   18689   2024    0.075
$    UPPER SKIN    209-030-208-079    .016  ALUMINUM
CSHEAR   2080791 0162024 14881   16481   16483   14883
CONROD   2087901 14881   16481   2024    0.047
CONROD   2087902 14883   16483   2024    0.047
CONROD   2087905 14881   14883   2024    0.093
CONROD   2087907 16481   16483   2024    0.093
CTRMEM   2080792 0162024 14883   16483   16485
CTRMEM   2080793 0162024 14883   16485   14887
CTRMEM   2080794 0162024 14887   16485   16487
CSHEAR   2080795 0162024 14887   16487   16489   14889
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CONROD   2087903  14887    16487    2024     0.047
CONROD   2087904  14889    16489    2024     0.047
CONROD   2087906  14887    14889    2024     0.093
CONROD   2087908  16487    16489    2024     0.093
CSHEAR   2080796 0162024  16481    18681    18683    16483
CONROD   2087921  16481    18681    2024     0.040
CONROD   2087922  16483    18683    2024     0.040
CONROD   2087929  16481    16483    2024     0.175
CONROD   2087933  18681    18683    2024     0.175
CSHEAR   2080797 0162024  16483    18683    18685    16485
CONROD   2087923  16483    18683    2024     0.062
CONROD   2087924  16485    18685    2024     0.062
CONROD   2087930  16483    16485    2024     0.175
CONROD   2087934  18683    18685    2024     0.175
CSHEAR   2080798 0162024  16485    18685    18687    16487
CONROD   2087925  16485    18685    2024     0.062
CONROD   2087926  16487    18687    2024     0.062
CONROD   2087931  16485    16487    2024     0.175
CONROD   2087935  18685    18687    2024     0.175
CSHEAR   2080799 0162024  16487    18687    18689    16489
CONROD   2087927  16487    18687    2024     0.040
CONROD   2087928  16489    18689    2024     0.040
CONROD   2087932  16487    16489    2024     0.175
CONROD   2087936  18687    18689    2024     0.175
$
$                          LOWER SKINS AND AXIAL MEMBERS
$                            STA  93.00 TO STA 138.70
$
$    AXIAL MEMBERS
CONROD   2030521   9313    11503    2024     0.302
CONROD   2030522  11503    13803    2024     0.302
CONROD   2030523   9303    13803    2024     0.065
CONROD   2030511   9317    11507    2024     0.302
CONROD   2030512  11507    13807    2024     0.302
CONROD   2030513   9307    13807    2024     0.065
$    LOWER SKINS
CSHEAR   2030291 0252024   9303     9307    13807    13803
CONROD   2032901   9303    13803    2024     0.250
CONROD   2032902   9307    13807    2024     0.250
CONROD   2032903   9303     9307    2024     0.575
CONROD   2032904  13803    13807    2024     0.575
$
$                          LOWER SKINS AND AXIAL MEMBERS
$                            STA 138.70 TO STA 148.50
$
$    AXIAL MEMBERS
CONROD   2200441  13801    14801    2024     0.046
CONROD   1160311  13803    14803    7075     0.521
CONROD   1150231  13807    14807    7075     0.455
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CONROD   2200431 13809    14809    2024     0.046
$    LOWER SKINS
CSHEAR   2200621 0322024  13821    14821    14801    13801
CONROD   2206201 13821    14821    2024     0.131
CONROD   2206202 13801    14801    2024     0.131
CONROD   2206203 13821    13801    2024     0.157
CONROD   2206204 14821    14801    2024     0.157
CSHEAR   2201011 0252024  13801    14801    14803    13803
CONROD   2200101 13801    14801    2024     0.074
CONROD   2200102 13803    14803    2024     0.074
CONROD   2200103 13801    13803    2024     0.123
CONROD   2200104 14801    14803    2024     0.123
CSHEAR   2201012 0252024  13803    14803    14807    13807
CONROD   2200111 13803    14803    2024     0.250
CONROD   2200112 13807    14807    2024     0.250
CONROD   2200113 13803    13807    2024     0.123
CONROD   2200114 14803    14807    2024     0.123
CSHEAR   2201013 0252024  13807    14807    14809    13809
CONROD   2200121 13807    14807    2024     0.074
CONROD   2200122 13809    14809    2024     0.074
CONROD   2200123 13807    13809    2024     0.123
CONROD   2200124 14807    14809    2024     0.123
CSHEAR   2200611 0322024  13829    14829    14809    13809
CONROD   2206101 13809    14809    2024     0.131
CONROD   2206102 13829    14829    2024     0.131
CONROD   2206103 13809    13829    2024     0.157
CONROD   2206104 14809    14829    2024     0.157
$
$                              LOWER SKINS AND AXIAL MEMBERS
$                                STA 156.41 TO STA 186.25
$
$    AXIAL MEMBERS
CONROD   2200561 15603    18601    7075     0.117
CONROD   2200551 15607    18607    7075     0.117
$    LOWER SKINS
CSHEAR   2200771 0252024  15621    18621    18601    15601
CONROD   2207701 15621    18621    2024     0.089
CONROD   2207702 15601    18601    2024     0.089
CONROD   2207703 15621    15601    2024     0.373
CONROD   2207704 18621    18601    2024     0.373
CSHEAR   2200772 0252024  15601    18601    18603    15603
CONROD   2207711 15601    18601    2024     0.083
CONROD   2207712 15603    18603    2024     0.083
CONROD   2207713 15601    15603    2024     0.373
CONROD   2207714 18601    18603    2024     0.373
CSHEAR   2200773 0252024  15603    15607    18607    18603
CONROD   2207721 15603    18603    2024     0.241
CONROD   2207722 15607    18607    2024     0.241
CONROD   2207723 15603    15607    2024     0.373
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CONROD   2207724 18603    18607    2024     0.373
CSHEAR   2200774 0252024  15607    18607    18609    15609
CONROD   2207731 15607    18607    2024     0.083
CONROD   2207732 15609    18609    2024     0.083
CONROD   2207733 15607    15609    2024     0.373
CONROD   2207734 18607    18609    2024     0.373
CSHEAR   2200775 0252024  15629    18629    18609    15609
CONROD   2207741 15609    18609    2024     0.089
CONROD   2207742 15629    18629    2024     0.089
CONROD   2207743 15609    15629    2024     0.373
CONROD   2207744 18609    18629    2024     0.373
$
$                              LOWER SKINS AND AXIAL MEMBERS
$                                STA 186.25 TO STA 218.97
$
$    AXIAL MEMBERS
CONROD   2200601 18603    21803    7075     0.117
CONROD   2200591 18607    21807    7075     0.117
$    LOWER SKINS
CSHEAR   2200721 0252024  18621    21321    21801    18601
CONROD   2207201 18621    21321    2024     0.092
CONROD   2207202 18601    21801    2024     0.092
CONROD   2207203 18621    18601    2024     0.378
CONROD   2207204 21321    21801    2024     0.378
CTRMEM   2200722 0252024  21321    21821    21801
CSHEAR   2200723 0252024  18601    21801    21803    18603
CONROD   2207211 18601    21801    2024     0.077
CONROD   2207212 18603    21803    2024     0.077
CONROD   2207213 18601    18603    2024     0.409
CONROD   2207214 21801    21803    2024     0.409
CSHEAR   2570011 0242024  18603    18607    21807    21803
CONROD   2570101 18603    21803    2024     0.215
CONROD   2570102 18607    21807    2024     0.215
CONROD   2570103 18603    18607    2024     0.393
CONROD   2570104 21803    21807    2024     0.393
CSHEAR   2200713 0252024  18607    21807    21809    18609
CONROD   2207101 18607    21807    2024     0.077
CONROD   2207102 18609    21809    2024     0.077
CONROD   2207103 18607    18609    2024     0.409
CONROD   2207104 21807    21809    2024     0.409
CSHEAR   2200711 0252024  18629    21329    21809    18609
CONROD   2207111 18609    21809    2024     0.092
CONROD   2207112 18629    21329    2024     0.092
CONROD   2207113 18609    18629    2024     0.378
CONROD   2207114 21809    21329    2024     0.378
CTRMEM   2200712 0252024  21329    21829    21809
$
$                              LOWER SKINS AND AXIAL MEMBERS
$                                STA 227.62 TO STA 250.00
```

```
$
$    AXIAL MEMBERS
CONROD   2200581 22703    25003    7075     0.117
CONROD   2200571 22707    25007    7075     0.117
CONROD   2201151 25003    25007    7075     0.119
$    LOWER SKINS
CSHEAR   2200671 0252024  22721    25021    25001    22701
CONROD   2206701 22721    25021    2024     0.097
CONROD   2206702 22701    25001    2024     0.097
CONROD   2206703 22721    22701    2024     0.280
CONROD   2206704 25021    25001    2024     0.280
CSHEAR   2200672 0252024  22701    25001    25003    22703
CONROD   2206711 22701    25001    2024     0.064
CONROD   2206712 22703    25003    2024     0.064
CONROD   2206713 22701    22703    2024     0.280
CONROD   2206714 25001    25003    2024     0.280
CSHEAR   2590011 0242024  22703    22707    25007    25003
CONROD   2590101 22703    25003    2024     0.172
CONROD   2590102 22707    25007    2024     0.172
CONROD   2590103 22703    22707    2024     0.269
CONROD   2590104 25003    25007    2024     0.269
CSHEAR   2201032 0252024  22707    25007    25009    22709
CONROD   2200301 22707    25007    2024     0.079
CONROD   2200302 22709    25009    2024     0.079
CONROD   2200303 22707    22709    2024     0.280
CONROD   2200304 25007    25009    2024     0.280
CSHEAR   2201031 0252024  22729    25029    25009    22709
CONROD   2200311 22709    25009    2024     0.097
CONROD   2200312 22729    25029    2024     0.097
CONROD   2200313 22709    22729    2024     0.280
CONROD   2200314 25009    25029    2024     0.280
$
$                          LOWER SKINS AND AXIAL MEMBERS
$                            STA 250.00 TO STA 268.25
$
$    AXIAL MEMBERS
CONROD   2201171 25003    26801    7075     0.116
CONROD   2201191 25007    26809    7075     0.116
CONROD   1330101 26821    26801    7075     0.055
CONROD   1330102 26801    26809    7075     0.055
CONROD   1330103 26809    26829    7075     0.055
$    LOWER SKINS
CTRMEM   2200675 0252024  25021    26821    25001
CTRMEM   2200676 0252024  25001    26821    26801
CTRMEM   2200677 0252024  25001    26801    25003
CSHEAR   1201211 0322024  25003    25007    26809    26801
CONROD   1202101 25003    26801    2024     0.208
CONROD   1202102 25007    26809    2024     0.208
CONROD   1202103 25003    25007    2024     0.292
```

```
CONROD   1202104 26801    26809    2024     0.292
CTRMEM   2201037 0252024  25007    26809    25009
CTRMEM   2201036 0252024  25009    26809    26829
CTRMEM   2201035 0252024  25029    26829    25009
$
$                              LOWER SKINS AND AXIAL MEMBERS
$                                 STA 268.25 TO BS  41.32
$
$    AXIAL MEMBERS
CONROD   1330104 26821    29921    7075     0.055
CONROD   1330105 26829    29929    7075     0.055
CONROD   1330106 29921    29905    7075     0.055
CONROD   1330107 29905    29929    7075     0.055
$    LOWER SKINS
CTRMEM   1330011 0250057  26821    26801    29921
CTRMEM   1330012 0250057  26801    29921    29905
CTRMEM   1330013 0250057  26801    26809    29905
CTRMEM   1330014 0250057  26809    29905    29929
CTRMEM   1330015 0250057  26809    26829    29929
$
$                                        NOSE STRUCTURE
$                                   STA  33.00 TO STA  46.00
$
$    BULKHEAD DOUBLERS
CONROD   5850751   3341     3331     2024     0.035
CONROD   5850752   3331     3339     2024     0.035
CONROD   5850753   3339     3349     2024     0.035
CONROD   5850754   3349     3341     2024     0.035
$    DOUBLERS
CONROD   5850771   3331     4631     2024     0.057
CONROD   5850772   3339     4639     2024     0.057
$    INNER SKIN    209-030-585-089     .010 GLASS FABRIC
CTRMEM   5858901 0100076  3341     4661     4641
CTRMEM   5858902 0100076  3341     4641     4631
CTRMEM   5858903 0100076  3341     4631     3331
CTRMEM   5858904 0100076  3331     4631     4633
CQDMEM   5858905 0100076  3331     4633     4637     3339
CTRMEM   5858906 0100076  3339     4639     4637
CTRMEM   5858907 0100076  3349     4639     3339
CTRMEM   5858908 0100076  3349     4649     4639
CTRMEM   5858909 0100076  3349     4669     4649
$    INTERIOR SKIN   209-030-585-005    .010 GLASS FABRIC
CTRMEM   5850501 0100076  3341     4661     4641
CTRMEM   5850502 0100076  3341     4641     4631
CTRMEM   5850503 0100076  3341     4631     3331
CTRMEM   5850504 0100076  3331     4631     4633
CQDMEM   5850505 0100076  3331     4633     4637     3339
CTRMEM   5850506 0100076  3339     4639     4637
CTRMEM   5850507 0100076  3349     4639     3339
```

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CTRMEM   5850508 0100076   3349     4649     4639
CTRMEM   5850509 0100076   3349     4669     4649
$    OUTER SKIN    209-030-585-003    .010 GLASS FABRIC
CTRMEM   5850301 0100076   3341     4661     4641
CTRMEM   5850302 0100076   3341     4641     4631
CTRMEM   5850303 0100076   3341     4631     3331
CTRMEM   5850304 0100076   3331     4631     4633
CQDMEM   5850305 0100076   3331     4633     4637     3339
CTRMEM   5850306 0100076   3339     4639     4637
CTRMEM   5850307 0100076   3349     4639     3339
CTRMEM   5850308 0100076   3349     4649     4639
CTRMEM   5850309 0100076   3349     4669     4649
$    BATTERY SHELF
CQDMEM   5950211 0122024   3331     4631     4639     3339
CQDMEM   5950271 0202024   3331     4631     4639     3339
CONROD   5810351   3331     4631   2024     0.054
CONROD   5810251   3339     4639   2024     0.054
$    BULKHEAD DOUBLERS
CONROD   5850811   4661     4641   2024     0.053
CONROD   5850812   4641     4631   2024     0.053
CONROD   5850813   4631     4633   2024     0.053
CONROD   5850814   4633     4637   2024     0.053
CONROD   5850815   4637     4639   2024     0.053
CONROD   5850816   4639     4649   2024     0.053
CONROD   5850817   4649     4669   2024     0.053
CONROD   5850818   4669     4661   2024     0.053
$
$                                NOSE STRUCTURE
$                          STA   46.00 TO STA  61.25
$
$    DOUBLERS
CONROD   5850851   4641     6161   2024     0.053
CONROD   5850852   4649     6169   2024     0.053
CONROD   5850790   4633     6131   2024     0.0585
CONROD   5850791   4637     6139   2024     0.0585
$    INNER SKIN    209-030-585-089    .010 GLASS FABRIC
CQDMEM   5858921 0100076   4661     6171     6179     4669
CTRMEM   5858922 0100076   4661     6171     6161
CTRMEM   5858923 0100076   4661     6161     4641
CTRMEM   5858924 0100076   6161     6141     4641
CTRMEM   5858925 0100076   4641     6141     4631
CTRMEM   5858926 0100076   6141     6131     4631
CTRMEM   5858927 0100076   4631     6131     4633
CTRMEM   5858928 0100076   6131     6123     4633
CQDMEM   5858929 0100076   4633     6123     6127     4637
CTRMEM   5858930 0100076   6139     6127     4637
CTRMEM   5858931 0100076   4639     6139     4637
CTRMEM   5858932 0100076   6149     6139     4639
CTRMEM   5858933 0100076   4649     6149     4639
```

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CTRMEM   5858934 0100076  6169     6149     4649
CTRMEM   5858935 0100076  4669     6169     4649
CTRMEM   5858936 0100076  4669     6179     6169
$    INTERIOR SKIN    209-030-585-005    .010 GLASS FABRIC
CQDMEM   5850521 0100076  4661     6171     6179     4669
CTRMEM   5850522 0100076  4661     6171     6161
CTRMEM   5850523 0100076  4661     6161     4641
CTRMEM   5850524 0100076  6161     6141     4641
CTRMEM   5850525 0100076  4641     6141     4631
CTRMEM   5850526 0100076  6141     6131     4631
CTRMEM   5850527 0100076  4631     6131     4633
CTRMEM   5850528 0100076  6131     6123     4633
CQDMEM   5850529 0100076  4633     6123     6127     4637
CTRMEM   5850530 0100076  6139     6127     4637
CTRMEM   5850531 0100076  4639     6139     4637
CTRMEM   5850532 0100076  6149     6139     4639
CTRMEM   5850533 0100076  4649     6149     4639
CTRMEM   5850534 0100076  6169     6149     4649
CTRMEM   5850535 0100076  4669     6169     4649
CTRMEM   5850536 0100076  4669     6179     6169
$    OUTER SKIN    209-030-585-003    .010 GLASS FABRIC
CQDMEM   5850321 0100076  4661     6171     6179     4669
CTRMEM   5850322 0100076  4661     6171     6161
CTRMEM   5850323 0100076  4661     6161     4641
CTRMEM   5850324 0100076  6161     6141     4641
CTRMEM   5850325 0100076  4641     6141     4631
CTRMEM   5850326 0100076  6141     6131     4631
CTRMEM   5850327 0100076  4631     6131     4633
CTRMEM   5850328 0100076  6131     6123     4633
CQDMEM   5850329 0100076  4633     6123     6127     4637
CTRMEM   5850330 0100076  6139     6127     4637
CTRMEM   5850331 0100076  4639     6139     4637
CTRMEM   5850332 0100076  6149     6139     4639
CTRMEM   5850333 0100076  4649     6149     4639
CTRMEM   5850334 0100076  6169     6149     4649
CTRMEM   5850335 0100076  4669     6169     4649
CTRMEM   5850336 0100076  4669     6179     6169
$    FRAME
CTRMEM   5940041 0322024  4641     6161     6163
CTRMEM   5940171 0322024  4649     6167     6169
$    BULKHEAD DOUBLERS
CONROD   5850871   6179     6171     2024     0.044
CONROD   5850872   6171     6161     2024     0.044
CONROD   5850873   6169     6179     2024     0.044
CONROD   5850792   6161     6141     2024     0.034
CONROD   5850793   6141     6131     2024     0.034
CONROD   5850794   6131     6123     2024     0.034
CONROD   5850795   6123     6127     2024     0.034
CONROD   5850796   6127     6139     2024     0.034
```

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CONROD   5850797   6139     6149    2024     0.034
CONROD   5850798   6149     6169    2024     0.034
$
$                                NOSE SUBASSEMBLY
$                                      * * *
$
$                               STA  33.00 BULKHEAD
$                                 209-030-580-057
$
$    FRAMES AND DOUBLERS
CONROD    333141   3331     3341    2024     0.092
CONROD    333949   3339     3349    2024     0.092
CONROD    333931   3331     3339    2024     0.092
CONROD    334149   3341     3349    2024     0.092
$
$                               STA  46.00 BULKHEAD
$                                 209-030-582-053
$
$    SHEAR WEBS
CQDMEM   0463137 0252024 04631    04639    04637    04633
CQDMEM   0463149 0252024 04631    04641    04649    04639
CQDMEM   0464169 0252024 04641    04661    04669    04649
$
$                           FORWARD FUSELAGE SUBASSEMBLY
$                                      * * *
$
$                               STA  61.25 BULKHEAD
$                                 209-030-101-001
$                                 209-030-510-007
$
$    FRAMES AND DOUBLERS
CONROD    613123   6123     6131    2024     0.030
CONROD    613141   6131     6141    2024     0.064
CONROD    614161   6141     6161    2024     0.064
CONROD    616171   6161     6171    2024     0.282
CONROD    613343   6133     6143    2024     0.030
CONROD    61436?   6143     6163    2024     0.030
CONROD    616371   6163     6171    2024     0.012
CONROD    613747   6137     6147    2024     0.030
CONROD    614767   6147     6167    2024     0.030
CONROD    617967   6167     6179    2024     0.012
CONROD    612739   6127     6139    2024     0.030
CONROD    613949   6139     6149    2024     0.064
CONROD    614969   6149     6169    2024     0.064
CONROD    616979   6169     6179    2024     0.282
CONROD    612327   6123     6127    2024     0.108
CONROD    613337   6133     6137    2024     0.055
CONROD    617179   6171     6179    2024     0.282
$    SHEAR WEBS
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CTRMEM    612331  0402024   6123     6131     6133
CQDMEM    612337  0402024   6123     6133     6137     6127
CTRMEM    612737  0402024   6127     6137     6139
CQDMEM    613143  0402024   6131     6141     6143     6133
CQDMEM    613749  0402024   6137     6147     6149     6139
CQDMEM    614163  0402024   6141     6161     6163     6143
CQDMEM    614769  0402024   6147     6167     6169     6149
CTRMEM    617161  0322024   6161     6171     6163
CTRMEM    616779  0322024   6167     6179     6169
$
$                                  STA  93.00 BULKHEAD
$                                    209-030-102-323
$
$    FRAMES AND DOUBLERS
CONROD    930307   9303     9307     2024     0.095
CONROD    931317   9313     9317     2024     0.151
CONROD    933133   9331     9333     2024     0.397
CONROD    933337   9333     9337     2024     0.167
CONROD    933739   9337     9339     2024     0.261
CONROD    934143   9341     9343     2024     0.242
CONROD    934347   9343     9347     2024     0.374
CONROD    934749   9347     9349     2024     0.357
CONROD    936143   9361     9343     2024     0.191
CONROD    936163   9361     9363     2024     0.194
CONROD    936769   9367     9369     2024     0.194
CONROD    937173   9371     9373     2024     0.202
CONROD    937377   9373     9377     2024     0.188
CONROD    937779   9377     9379     2024     0.202
CONROD    930313   9303     9313     2024     0.051
CONROD    933113   9313     9331     2024     0.080
CONROD    933141   9331     9341     2024     0.333
CONROD    934161   9341     9361     2024     0.333
CONROD    936171   9361     9371     2024     0.092
CONROD    931333   9313     9333     7075     0.209
CONROD    933343   9333     9343     7075     0.333
CONROD    934363   9343     9363     7075     0.242
CONROD    936373   9363     9373     7075     0.100
CONROD    930717   9307     9317     2024     0.051
CONROD    933717   9317     9337     7075     0.209
CONROD    933747   9337     9347     7075     0.510
CONROD    934767   9347     9367     7075     0.374
CONROD    936777   9367     9377     7075     0.100
CONROD    931739   9317     9339     2024     0.080
CONROD    933949   9339     9349     2024     0.314
CONROD    934969   9349     9369     2024     0.188
CONROD    936979   9369     9379     2024     0.092
$    SHEAR WEBS
CQDMEM    930317  0252024   9303     9313     9317     9307
CTRMEM    931331  0242024   9313     9331     9333
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CQDMEM    931337 0242024  9313    9333    9337    9317
CTRMEM    931737 0242024  9317    9337    9339
CQDMEM    933143 0857075  9331    9341    9343    9333
CTRMEM    934361 0402024  9343    9361    9363
CQDMEM    934367 0242024  9343    9363    9367    9347
CQDMEM    934769 0402024  9347    9367    9369    9349
CQDMEM    936173 0492024  9361    9371    9373    9363
CQDMEM    936377 0242024  9363    9373    9377    9367
CQDMEM    936779 0492024  9367    9377    9379    9369
$
$                                 STA 138.70 BULKHEAD
$                                    209-030-103-159
$
$    FRAMES AND DOUBLERS
CONROD   1380103 13801   13803   2024    0.078
CONROD   1380307 13803   13807   7075    0.184
CONROD   1380709 13807   13809   2024    0.078
CONROD   1382123 13821   13823   2024    0.070
CONROD   1382327 13823   13827   7075    0.130
CONROD   1382729 13827   13829   2024    0.070
CONROD   1383133 13831   13833   7075    0.168
CONROD   1383337 13833   13837   7075    0.168
CONROD   1383739 13837   13839   7075    0.224
CONROD   1384143 13841   13843   2024    0.056
CONROD   1384347 13843   13847   2024    0.108
CONROD   1386163 13861   13863   2024    0.056
CONROD   1386769 13867   13869   2024    0.047
CONROD   1382101 13801   13821   2024    0.078
CONROD   1382131 13821   13831   2024    0.057
CONROD   1383141 13831   13841   2024    0.104
CONROD   1384161 13841   13861   2024    0.104
CONROD   1380323 13803   13823   7075    0.863
CONROD   1382333 13823   13833   7075    0.116
CONROD   1383343 13833   13843   7075    0.244
CONROD   1384363 13843   13863   7075    0.128
CONROD   1382707 13807   13827   7075    0.116
CONROD   1382737 13827   13837   7075    0.116
CONROD   1383747 13837   13847   7075    0.116
CONROD   1383748 13837   13848   7075    0.128
CONROD   1384867 13848   13867   7075    0.128
CONROD   1380929 13809   13829   2024    0.078
CONROD   1382939 13829   13839   2024    0.061
CONROD   1383949 13839   13849   2024    0.104
CONROD   1384969 13849   13869   2024    0.104
$    SHEAR WEBS
CTRMEM   1380121 0402024 13801   13821   13823
CTRMEM   1380123 0402024 13801   13823   13803
CQDMEM   1380327 0402024 13803   13823   13827   13807
CTRMEM   1380727 0402024 13807   13827   13809
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CTRMEM   1380927 0402024 13809   13827   13829
CQDMEM   1382133 0402024 13821   13831   13833   13823
CQDMEM   1382337 0402024 13823   13833   13837   13827
CQDMEM   1382739 0402024 13827   13837   13839   13829
CQDMEM   1383347 0402024 13833   13843   13847   13837
CQDMEM   1383749 0322024 13837   13848   13849   13839
CQDMEM   1384163 0322024 13841   13861   13863   13843
CQDMEM   1384869 0322024 13848   13867   13869   13849
$
$                              CENTER FUSELAGE SUBASSEMBLY
$                                       * * *
$
$                                  STA 148.50 BULKHEAD
$                                   209-030-104-011
$
$    FRAMES AND DOUBLERS
CONROD   1480103 14801   14803   7075    0.130
CONROD   1480307 14803   14807   7075    0.130
CONROD   1480709 14807   14809   7075    0.130
CONROD   1482123 14821   14823   7075    0.293
CONROD   1482327 14823   14827   7075    0.316
CONROD   1482729 14827   14829   7075    0.293
CONROD   1483133 14831   14833   7075    0.155
CONROD   1483337 14833   14837   7075    0.265
CONROD   1483739 14837   14839   7075    0.155
CONROD   1484347 14843   14847   7075    0.152
CONROD   1486163 14861   14863   7075    0.277
CONROD   1486367 14863   14867   7075    0.249
CONROD   1486769 14867   14869   7075    0.277
CONROD   1488183 14881   14883   7075    0.155
CONROD   1488387 14883   14887   7075    0.155
CONROD   1488789 14887   14889   7075    0.155
CONROD   1482101 14801   14821   7075    0.130
CONROD   1482131 14821   14831   7075    0.130
CONROD   1483141 14831   14841   7075    0.130
CONROD   1484161 14841   14861   7075    0.130
CONROD   1486181 14861   14881   7075    0.121
CONROD   1480323 14803   14823   7075    0.234
CONROD   1482333 14823   14833   7075    0.284
CONROD   1483343 14833   14843   7075    0.334
CONROD   1484363 14843   14863   7075    0.334
CONROD   1482707 14807   14827   7075    0.234
CONROD   1482737 14827   14837   7075    0.292
CONROD   1483747 14837   14847   7075    0.342
CONROD   1484767 14847   14867   7075    0.342
CONROD   1480929 14809   14829   7075    0.130
CONROD   1482939 14829   14839   7075    0.130
CONROD   1483949 14839   14849   7075    0.130
CONROD   1484969 14849   14869   7075    0.130
```

```
CUNROD   1486989 14869    14889    7075     0.121
$    SHEAR WEBS
CTRMEM   1480121 0727075 14801    14821    14823
CTRMEM   1480123 0727075 14801    14823    14803
CQDMEM   1480327 0727075 14803    14823    14827    14807
CTRMEM   1480727 0727075 14807    14827    14809
CTRMEM   1480927 0727075 14809    14827    14829
CQDMEM   1482133 0327075 14821    14831    14833    14823
CQDMEM   1482337 0169046 14823    14833    14837    14827
CQDMEM   1482739 0327075 14827    14837    14839    14829
CQDMEM   1483143 0327075 14831    14841    14843    14833
CQDMEM   1483347 0169046 14833    14843    14847    14837
CQDMEM   1483749 0327075 14837    14847    14849    14839
CQDMEM   1484163 0327075 14841    14861    14863    14843
CQDMEM   1484367 0169046 14843    14863    14867    14847
CQDMEM   1484769 0327075 14847    14867    14869    14849
CQDMEM   1486183 0227075 14861    14881    14883    14863
CQDMEM   1486387 0227075 14863    14883    14887    14867
CQDMEM   1486789 0227075 14867    14887    14889    14869
$
$                                  STA 156.41 BULKHEAD
$                                    209-030-105-001
$
$    SHEAR WEBS
CTRMEM   1560121 0327075 15601    15621    15623
CTRMEM   1560123 0327075 15601    15623    15603
CTRMEM   1560323 0327075 15603    15623    15625
CTRMEM   1560325 0327075 15603    15625    15607
CTRMEM   1560725 0327075 15607    15625    15627
CTRMEM   1560727 0327075 15607    15627    15609
CTRMEM   1560927 0327075 15609    15627    15629
$
$                                  STA 186.25 BULKHEAD
$                                    209-030-107-009
$
$    FRAMES AND DOUBLERS
CONROD   1860103 18601    18603    2024     0.123
CONROD   1860307 18603    18607    2024     0.123
CONROD   1860709 18607    18609    2024     0.123
CONROD   1862123 18621    18623    7075     0.278
CONROD   1862325 18623    18625    7075     0.278
CONROD   1862527 18625    18627    7075     0.278
CONROD   1862729 18627    18629    7075     0.278
CONROD   1868183 18681    18683    7075     0.328
CONROD   1868385 18683    18685    7075     0.328
CONROD   1868587 18685    18687    7075     0.328
CONROD   1868789 18687    18689    7075     0.328
CONROD   1862101 18601    18621    2024     0.123
CONROD   1862131 18621    18631    2014     0.652
```

```
CONROD   1863141  18631    18641    2014     0.652
CONROD   1864151  18641    18651    2014     0.548
CONROD   1865156  18651    18656    2014     0.548
CONROD   1865661  18656    18661    2014     0.548
CONROD   1866181  18661    18681    2024     0.203
CONROD   1860929  18609    18629    2024     0.123
CONROD   1862939  18629    18639    2014     0.487
CONROD   1863949  18639    18649    2014     0.487
CONROD   1864954  18649    18654    2014     0.588
CONROD   1865459  18654    18659    2014     0.588
CONROD   1865969  18659    18669    2014     0.588
CONROD   1866989  18669    18689    2024     0.203
$    SHEAR WEBS
CTRMEM   1860121  0129046  18601    18621    18623
CTRMEM   1860123  0129046  18601    18623    18603
CTRMEM   1860323  0129046  18603    18623    18625
CTRMEM   1860325  0129046  18603    18625    18607
CTRMEM   1860725  0129046  18607    18625    18627
CTRMEM   1860727  0129046  18607    18627    18609
CTRMEM   1860927  0129046  18609    18627    18629
CQDMEM   1862133  0129046  18621    18631    18633    18623
CQDMEM   1862335  0129046  18623    18633    18635    18625
CQDMEM   1862537  0129046  18625    18635    18637    18627
CQDMEM   1862739  0129046  18627    18637    18639    18629
CTRMEM   1863141  0129046  18631    18641    18642
CQDMEM   1863143  0129046  18631    18642    18643    18633
CTRMEM   1863343  0129046  18633    18643    18644
CQDMEM   1863345  0129046  18633    18644    18645    18635
CQDMEM   1863546  0129046  18635    18645    18646    18637
CTRMEM   1863746  0129046  18637    18646    18647
CQDMEM   1863748  0129046  18637    18647    18648    18639
CTRMEM   1863948  0129046  18639    18648    18649
CQDMEM   1865662  0329046  18656    18661    18662    18657
CQDMEM   1865157  0329046  18651    18656    18657    18652
CQDMEM   1864152  0329046  18641    18651    18652    18642
CTRMEM   1865762  0329046  18657    18662    18663
CQDMEM   1865263  0329046  18652    18657    18663    18643
CTRMEM   1864252  0329046  18642    18652    18643
CQDMEM   1864364  0329046  18643    18663    18664    18644
CQDMEM   1864465  0329046  18644    18664    18665    18645
CQDMEM   1864566  0329046  18645    18665    18666    18646
CQDMEM   1864667  0329046  18646    18666    18667    18647
CTRMEM   1865867  0329046  18658    18667    18668
CQDMEM   1864758  0329046  18647    18667    18658    18653
CTRMEM   1864753  0329046  18647    18653    18648
CQDMEM   1865869  0329046  18658    18668    18669    18659
CQDMEM   1865359  0329046  18653    18658    18659    18654
CQDMEM   1864854  0329046  18648    18653    18654    18649
CTRMEM   1866181  0959046  18661    18681    18662
```

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CQDMEM   1866283 0959046 18662   18681   18683   18663
CQDMEM   1866383 0129046 18663   18683   18685   18664
CTRMEM   1866485 0129046 18664   18685   18665
CTRMEM   1866585 0129046 18665   18685   18666
CQDMEM   1866687 0129046 18666   18685   18687   18667
CQDMEM   1866789 0959046 18667   18687   18689   18668
CTRMEM   1866889 0959046 18668   18689   18669
$
$                          FORWARD WING CARRY-THRU SPAR
$                                  209-030-140
$
$    FRAMES AND DOUBLERS
CBAR     1874142 1874142 18641   18642   0.0     1.0     1.0     1
PBAR     1874142 2014    1.828   0.087   0.574   0.26
CBAR     1874243 1874243 18642   18643   0.0     1.0     1.0     1       1874243
+1874243         6
PBAR     1874243 2014    2.133   0.537   1.937   0.453
CBAR     1874344 1874344 18643   18644   0.0     1.0     1.0     1
PBAR     1874344 2014    0.9275  0.0     0.407   0.0
CBAR     1874445 1874445 18644   18645   0.0     1.0     1.0     1
PBAR     1874445 2014    0.9275  0.0     0.407   0.0
CBAR     1874546 1874546 18645   18646   0.0     1.0     1.0     1
PBAR     1874546 2014    0.9275  0.0     0.407   0.0
CBAR     1874647 1874647 18646   18647   0.0     1.0     1.0     1
PBAR     1874647 2014    0.9275  0.0     0.407   0.0
CBAR     1874748 1874748 18647   18648   0.0     1.0     1.0     1       1874748
+1874748 6
PBAR     1874748 2014    2.133   0.537   1.937   0.453
CBAR     1874849 1874849 18648   18649   0.0     1.0     1.0     1
PBAR     1874849 2014    1.828   0.087   0.574   0.26
CBAR     1875152 1875152 18651   18652   0.0     1.0     1.0     1
PBAR     1875152 2014    1.5     0.0703  0.5     0.215
CBAR     1875243 1875243 18652   18643   0.0     1.0     1.0     1       1875243
+1875243         456
PBAR     1875243 2014    1.5     0.0703  0.5     0.215
CBAR     1874753 1874753 18647   18653   0.0     1.0     1.0     1       1874753
+1874753 456
PBAR     1874753 2014    1.5     0.0703  0.5     0.215
CBAR     1875354 1875354 18653   18654   0.0     1.0     1.0     1
PBAR     1875354 2014    1.5     0.0703  0.5     0.215
CBAR     1875657 1875657 18656   18657   0.0     1.0     1.0     1
PBAR     1875657 2014    1.5     0.0703  0.5     0.215
CBAR     1875763 1875763 18657   18663   0.0     1.0     1.0     1       1875763
+1875763         456
PBAR     1875763 2014    1.5     0.0703  0.5     0.215
CBAR     1876758 1876758 18667   18658   0.0     1.0     1.0     1       1876758
+1876758 456
PBAR     1876758 2014    1.5     0.0703  0.5     0.215
CBAR     1875859 1875859 18658   18659   0.0     1.0     1.0     1
```

```
PBAR     1875859 2014    1.5     0.0703  0.5     0.215
CBAR     1876162 1876162 18661   18662   0.0     1.0     1.0     1
PBAR     1876162 2014    1.828   0.087   0.574   0.26
CBAR     1876263 1876263 18662   18663   0.0     1.0     1.0     1       1876263
+1876263        6
PBAR     1876263 2014    2.133   0.537   1.937   0.453
CBAR     1876364 1876364 18663   18664   0.0     1.0     1.0     1
PBAR     1876364 2014    1.1325  0.0     0.497   0.0
CBAR     1876465 1876465 18664   18665   0.0     1.0     1.0     1
PBAR     1876465 2014    1.036   0.0     0.403   0.0
CBAR     1876566 1876566 18665   18666   0.0     1.0     1.0     1
PBAR     1876566 2014    1.036   0.0     0.403   0.0
CBAR     1876667 1876667 18666   18667   0.0     1.0     1.0     1
PBAR     1876667 2014    1.1325  0.0     0.497   0.0
CBAR     1876768 1876768 18667   18668   0.0     1.0     1.0     1       1876768
+1876768 6
PBAR     1876768 2014    2.133   0.537   1.937   0.453
CBAR     1876869 1876869 18668   18669   0.0     1.0     1.0     1
PBAR     1876869 2014    1.828   0.087   0.574   0.26
CBAR     1874151 1874151 18641   18651   0.0     1.0     1.0     1
PBAR     1874151 2014    0.5688  0.00074 0.981   0.003
CBAR     1875156 1875156 18651   18656   0.0     1.0     1.0     1
PBAR     1875156 2014    0.8575  0.0038  1.07    0.015
CBAR     1875257 1875257 18652   18657   0.0     1.0     1.0     1
PBAR     1875257 2014    0.512   0.0027  0.179   0.01
CBAR     1874363 1874363 18643   18663   0.0     1.0     1.0     1
PBAR     1874363 2014    0.512   0.0     0.179   0.0
CONROD   1874464 18644   18664   2014    0.68125
CONROD   1874666 18646   18666   2014    0.68125
CBAR     1874767 1874767 18647   18667   0.0     1.0     1.0     1
PBAR     1874767 2014    0.512   0.0     0.179   0.0
CBAR     1875358 1875358 18653   18658   0.0     1.0     1.0     1
PBAR     1875358 2014    0.512   0.0027  0.179   0.01
CBAR     1874954 1874954 18649   18654   0.0     1.0     1.0     1
PBAR     1874954 2014    0.5688  0.00074 0.981   0.003
CBAR     1875459 1875459 18654   18659   0.0     1.0     1.0     1
PBAR     1875459 2014    0.8575  0.0038  1.07    0.015
$    SHEAR WEBS
CSHEAR   1874251 1252014 18641   18651   18652   18642
CONROD   1874241 18641   18642   2014    0.0456                  WEB
CONROD   1875242 18642   18652   2014    0.125                   WEB
CONROD   1875141 18641   18651   2014    0.125                   WEB
CONROD   1875251 18651   18652   2014    0.1441                  WEB
CSHEAR   1875256 1252014 18651   18656   18657   18652
CONROD   1875756 18656   18657   2014    0.0985                  WEB
CONROD   1875651 18651   18656   2014    0.125                   WEB
CONROD   1875752 18652   18657   2014    0.342                   WEB
CTRMEM   1875763 1252014 18657   18662   18663
CSHEAR   1874357 1252014 18652   18657   18663   18643
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CONROD   1876357 18657    18663    2014     0.147                                WEB
CONROD   1874352 18652    18643    2014     0.147                                WEB
CONROD   1876343 18643    18663    2014     0.217                                WEB
CTRMEM   1874352 1252014  18642    18652    18643
CTRMEM   1875868 1252014  18658    18668    18667
CSHEAR   1875847 1252014  18653    18658    18667    18647
CONROD   1876747 18647    18667    2014     0.217                                WEB
CONROD   1875347 18647    18653    2014     0.147                                WEB
CONROD   1875867 18667    18658    2014     0.147                                WEB
CTRMEM   1874853 1252014  18647    18648    18653
CSHEAR   1875953 1252014  18654    18659    18658    18653
CONROD   1875958 18658    18659    2014     0.0985                               WEB
CONROD   1875853 18653    18658    2014     0.342                                WEB
CONROD   1875954 18654    18659    2014     0.125                                WEB
CSHEAR   1875448 1252014  18649    18654    18653    18648
CONROD   1875453 18653    18654    2014     0.1441                               WEB
CONROD   1875449 18649    18654    2014     0.125                                WEB
CONROD   1875348 18648    18653    2014     0.125                                WEB
CONROD   1874948 18648    18649    2014     0.0456                               WEB
$
$                                LUGS / FORWARD CARRY-THRU SPAR
$                                       STA 186.25
$
CBAR     1864100 1864100  18641    61918    0.0      1.0      1.0      1        F6 LUGR
PBAR     1864100 2014     0.3672   0.0458   0.433    0.146
CBAR     1865100 1865100  18651    61916    0.0      1.0      1.0      1        F4 LUGR
PBAR     1865100 2014     0.4237   0.0703   0.5      0.215
CBAR     1865600 1865600  18656    61914    0.0      1.0      1.0      1        F3 LUGR
PBAR     1865600 2014     0.4237   0.0703   0.5      0.215
CBAR     1866100 1866100  18661    61912    0.0      1.0      1.0      1        F1 LUGR
PBAR     1866100 2014     0.4237   0.0703   0.5      0.215
CBAR     1864900 1864900  18649    71918    0.0      1.0      1.0      1        F6 LUGL
PBAR     1864900 2014     0.3672   0.0458   0.433    0.146
CBAR     1865400 1865400  18654    71916    0.0      1.0      1.0      1        F4 LUGL
PBAR     1865400 2014     0.4237   0.0703   0.5      0.215
CBAR     1865900 1865900  18659    71914    0.0      1.0      1.0      1        F3 LUGL
PBAR     1865900 2014     0.4237   0.0703   0.5      0.215
CBAR     1866900 1866900  18669    71912    0.0      1.0      1.0      1        F1 LUGL
PBAR     1866900 2014     0.4237   0.0703   0.5      0.215
$
$                              CENTER WING CARRY-THRU SPAR
$                                   209-030-141
$
$    FRAMES AND DOUBLERS
CBAR     1974142 1974142  19741    19742    0.0      1.0      1.0      1
PBAR     1974142 2014     2.453    0.965    10.405   0.497
CBAR     1974243 1974243  19742    19743    0.0      1.0      1.0      1        1974243
+1974243         6
PBAR     1974243 2014     1.65     0.0495   1.04     0.171
```

```
CBAR     1974345  1974345  19743    19745    0.0      1.0      1.0      1
PBAR     1974345  2014     1.65     0.0      1.04     0.0
CBAR     1974547  1974547  19745    19747    0.0      1.0      1.0      1
PBAR     1974547  2014     1.65     0.0      1.04     0.0
CBAR     1974748  1974748  19747    19748    0.0      1.0      1.0      1        1974748
+1974748 6
PBAR     1974748  2014     1.65     0.0495   1.04     0.171
CBAR     1974849  1974849  19748    19749    0.0      1.0      1.0      1
PBAR     1974849  2014     2.453    0.965    10.405   0.497
CBAR     1975152  1975152  19751    19752    0.0      1.0      1.0      1
PBAR     1975152  2014     1.283    0.113    2.156    0.0749
CBAR     1975859  1975859  19758    19759    0.0      1.0      1.0      1
PBAR     1975859  2014     1.283    0.113    2.156    0.0749
CBAR     1976162  1976162  19761    19762    0.0      1.0      1.0      1
PBAR     1976162  2014     2.019    0.437    13.573   0.174
CBAR     1976263  1976263  19762    19763    0.0      1.0      1.0      1        1976263
+1976263          6
PBAR     1976263  2014     2.0625   0.0967   1.3      0.32
CBAR     1976365  1976365  19763    19765    0.0      1.0      1.0      1
PBAR     1976365  2014     2.0625   0.0      1.3      0.0
CBAR     1976567  1976567  19765    19767    0.0      1.0      1.0      1
PBAR     1976567  2014     2.0625   0.0      1.3      0.0
CBAR     1976768  1976768  19767    19768    0.0      1.0      1.0      1        1976768
+1976768 6
PBAR     1976768  2014     2.0625   0.0967   1.3      0.32
CBAR     1976869  1976869  19768    19769    0.0      1.0      1.0      1
PBAR     1976869  2014     2.019    0.437    13.573   0.174
CBAR     1974151  1974151  19741    19751    0.0      1.0      1.0      1
PBAR     1974151  2014     1.845    0.0258   3.113    0.103
CBAR     1975161  1975161  19751    19761    0.0      1.0      1.0      1
PBAR     1975161  2014     1.845    0.0258   3.113    0.103
CBAR     1974252  1974252  19742    19752    0.0      1.0      1.0      1
PBAR     1974252  2014     0.825    0.0062   0.52     0.023
CBAR     1975262  1975262  19752    19762    0.0      1.0      1.0      1
PBAR     1975262  2014     0.825    0.0062   0.52     0.023
CBAR     1974363  1974363  19743    19763    0.0      1.0      1.0      1
PBAR     1974363  2014     0.825    0.0      0.52     0.0
CONROD   1974565  19745    19765    2014     0.825
CBAR     1974767  1974767  19747    19767    0.0      1.0      1.0      1
PBAR     1974767  2014     0.825    0.0      0.52     0.0
CBAR     1974858  1974858  19748    19758    0.0      1.0      1.0      1
PBAR     1974858  2014     0.825    0.0062   0.52     0.023
CBAR     1975868  1975868  19758    19768    0.0      1.0      1.0      1
PBAR     1975868  2014     0.825    0.0062   0.52     0.023
CBAR     1974959  1974959  19749    19759    0.0      1.0      1.0      1
PBAR     1974959  2014     1.845    0.0258   3.113    0.103
CBAR     1975969  1975969  19759    19769    0.0      1.0      1.0      1
PBAR     1975969  2014     1.845    0.0258   3.113    0.103
$    SHEAR WEBS
```

```
CSHEAR  1974152 2002014 19741   19751   19752   19742                           
CONROD  1974241 19741   19742   2014    0.247                           WEB
CONROD  1975251 19751   19752   2014    0.4117                          WEB
CSHEAR  1975162 4002014 19751   19761   19762   19752
CONROD  1976261 19761   19762   2014    0.1647                          WEB
CSHEAR  1974352 2002014 19742   19752   19763   19743
CONROD  1974342 19742   19743   2014    0.288                           WEB
CONROD  1976352 19752   19763   2014    0.288                           WEB
CONROD  1975867 19767   19758   2014    0.288                           WEB
CTRMEM  1975263 2002014 19752   19762   19763
CSHEAR  1974365 2002014 19743   19763   19765   19745
CONROD  1974543 19743   19745   2014    0.3293                          WEB
CONROD  1976563 19763   19765   2014    0.3293                          WEB
CSHEAR  1974567 2002014 19747   19767   19765   19745
CONROD  1974745 19745   19747   2014    0.3293                          WEB
CONROD  1976765 19765   19767   2014    0.3293                          WEB
CSHEAR  1974758 2002014 19748   19758   19767   19747
CONROD  1974847 19747   19748   2014    0.288                           WEB
CTRMEM  1975867 2002014 19758   19768   19767
CSHEAR  1974859 2002014 19749   19759   19758   19748
CONROD  1974948 19748   19749   2014    0.247                           WEB
CONROD  1975958 19758   19759   2014    0.4117                          WEB
CSHEAR  1975869 4002014 19759   19769   19768   19758
CONROD  1976968 19768   19769   2014    0.1647                          WEB
CONROD  1975141 19741   19751   2014    0.764                           WEB
CONROD  1976151 19751   19761   2014    1.528                           WEB
CONROD  1975242 19742   19752   2014    0.981                           WEB
CONROD  1976252 19752   19762   2014    1.528                           WEB
CONROD  1976343 19743   19763   2014    1.009                           WEB
CONROD  1976545 19745   19765   2014    1.584                           WEB
CONROD  1976747 19747   19767   2014    1.009                           WEB
CONROD  1975848 19748   19758   2014    0.981                           WEB
CONROD  1976858 19758   19768   2014    1.528                           WEB
CONROD  1975949 19749   19759   2014    0.764                           WEB
CONROD  1976959 19759   19769   2014    1.528                           WEB
$
$                       LUGS / CENTER CARRY-THRU SPAR
$                              STA 197.107
$
CBAR    1974100 1974100 19741   61927   0.0     1.0     1.0     1       C5 LUGR
PBAR    1974100 2014    0.694   0.208   1.302   0.624
CBAR    1975100 1975100 19751   61923   0.0     1.0     1.0     1       C2 LUGR
PBAR    1975100 2014    0.694   0.208   1.302   0.624
CBAR    1974900 1974900 19749   71927   0.0     1.0     1.0     1       C5 LUGL
PBAR    1974900 2014    0.694   0.208   1.302   0.624
CBAR    1975900 1975900 19759   71923   0.0     1.0     1.0     1       C2 LUGL
PBAR    1975900 2014    0.694   0.208   1.302   0.624
$
$                       AFT WING CARRY-THRU SPAR
```

```
$                                    209-030-142
$
$    FRAMES AND DOUBLERS
CBAR     2124143  2124143  21341    21343    0.0      1.0      1.0      1        2124143
+2124143          6
PBAR     2124143  2014     1.562    0.725    1.422    0.0634
CBAR     2124345  2124345  21343    21345    0.0      1.0      1.0      1
PBAR     2124345  2014     0.8124   0.0      0.3427   0.00756
CBAR     2124547  2124547  21345    21347    0.0      1.0      1.0      1
PBAR     2124547  2014     0.8124   0.0      0.3427   0.00756
CBAR     2124749  2124749  21347    21349    0.0      1.0      1.0      1        2124749
+2124749  6
PBAR     2124749  2014     1.562    0.725    1.422    0.0634
$
$                          LUGS / AFT CARRY-THRU SPAR
$                                  STA 213.94
$
CBAR     2134100  2134100  21341    61935    0.0      1.0      1.0      1        A2 LUGR
PBAR     2134100  2014     0.4693   0.0472   0.8992   0.1643
CBAR     2134900  2134900  21349    71935    0.0      1.0      1.0      1        A2 LUGL
PBAR     2134900  2014     0.4693   0.0472   0.8992   0.16143
$
$                          AFT FUSELAGE SUBASSEMBLY
$                                    * * *
$
$                              STA 213.94 BULKHEAD
$                                209-030-108-007
$
$    FRAMES AND DOUBLERS
CONROD   2132123  21321    21323    7075     0.302
CONROD   2132325  21323    21325    7075     0.302
CONROD   2132527  21325    21327    7075     0.302
CONROD   2132729  21327    21329    7075     0.302
CONROD   2134143  21341    21343    7075     0.131
CONROD   2134345  21343    21345    7075     0.131
CONROD   2134547  21345    21347    7075     0.131
CONROD   2134749  21347    21349    7075     0.131
CONROD   2136163  21361    21363    2024     0.101
CONROD   2136364  21363    21364    2024     0.101
CONROD   2136466  21364    21366    2024     0.101
CONROD   2136667  21366    21367    2024     0.101
CONROD   2136769  21367    21369    2024     0.101
CONROD   2132141  21321    21341    7075     0.309
CONROD   2134161  21341    21361    7075     0.182
CONROD   2132949  21329    21349    7075     0.309
CONROD   2134969  21349    21369    7075     0.182
$    SHEAR WEBS
CQDMEM   2132143  0129046  21321    21341    21343    21323
CQDMEM   2132345  0129046  21323    21343    21345    21325
```

```
CQDMEM   2132547 0129046 21325   21345   21347   21327
CQDMEM   2132749 0129046 21327   21347   21349   21329
CQDMEM   2134163 1007075 21341   21361   21363   21343
CQDMEM   2134364 0507075 21343   21363   21364   21345
CTRMEM   2134564 0507075 21345   21364   21366
CQDMEM   2134567 0507075 21345   21366   21367   21347
CQDMEM   2134769 1007075 21347   21367   21369   21349
$
$                                      STA 218.97 BULKHEAD
$                                        209-030-109-005
$
$    SHEAR WEBS
CTRMEM   2180121 0252024 21801   21821   21823
CTRMEM   2180123 0252024 21801   21823   21803
CTRMEM   2180323 0252024 21803   21823   21825
CTRMEM   2180325 0252024 21803   21825   21807
CTRMEM   2180725 0252024 21807   21825   21827
CTRMEM   2180727 0252024 21807   21827   21809
CTRMEM   2180927 0252024 21809   21827   21829
$
$                                      STA 227.62 BULKHEAD
$                                        209-030-110-005
$
$    SHEAR WEBS
CTRMEM   2270121 0252024 22701   22721   22723
CTRMEM   2270123 0252024 22701   22723   22703
CTRMEM   2270323 0252024 22703   22723   22725
CTRMEM   2270325 0252024 22703   22725   22707
CTRMEM   2270725 0252024 22707   22725   22727
CTRMEM   2270727 0252024 22707   22727   22709
CTRMEM   2270927 0252024 22709   22727   22729
$
$                                      STA 250.00 BULKHEAD
$                                        209-030-111-107
$
$    FRAMES AND DOUBLERS
CONROD   2500103 25001   25003   2024    0.039
CONROD   2500307 25003   25007   2024    0.039
CONROD   2500709 25007   25009   2024    0.039
CONROD   2502125 25021   25025   7075    0.299
CONROD   2502529 25025   25029   7075    0.299
CONROD   2506165 25061   25065   7075    0.489
CONROD   2506569 25065   25069   7075    0.489
CONROD   2502101 25001   25021   2024    0.039
CONROD   2502141 25021   25041   7075    0.266
CONROD   2504161 25041   25061   7075    0.266
CONROD   2500929 25009   25029   2024    0.039
CONROD   2502949 25029   25049   7075    0.266
CONROD   2504969 25049   25069   7075    0.266
```

```
$    SHEAR WEBS
CTRMEM   2500121 0252024 25001    25021    25025
CTRMEM   2500125 0252024 25001    25025    25003
CTRMEM   2500325 0252024 25003    25025    25007
CTRMEM   2500725 0252024 25007    25025    25009
CTRMEM   2500925 0252024 25009    25025    25029
CQDMEM   2502145 0129046 25021    25041    25045    25025
CQDMEM   2502549 0129046 25025    25045    25049    25029
CQDMEM   2504165 0129046 25041    25061    25065    25045
CQDMEM   2504569 0129046 25045    25065    25069    25049
$
$                                  STA 268.25 BULKHEAD
$                                  209-030-112-013
$
$    FRAMES AND DOUBLERS
CONROD   2682125 26821   26825    2024     0.225
CONROD   2682529 26825   26829    2024     0.225
CONROD   2686165 26861   26865    2024     0.446
CONROD   2686569 26865   26869    2024     0.446
CONROD   2682141 26821   26841    2024     0.072
CONROD   2684161 26841   26861    2024     0.072
CONROD   2682949 26829   26849    2024     0.072
CONROD   2684969 26849   26869    2024     0.072
$    SHEAR WEBS
CTRMEM   2680121 0282024 26801    26821    26825
CTRMEM   2680125 0282024 26801    26825    26809
CTRMEM   2680925 0282024 26809    26825    26829
CQDMEM   2682145 0282024 26821    26841    26845    26825
CQDMEM   2682549 0282024 26825    26845    26849    26829
CQDMEM   2684165 0282024 26841    26861    26865    26845
CQDMEM   2684569 0282024 26845    26865    26869    26849
$
$                              TAILBOOM JUNCTION BULKHEAD
$                                  209-030-113-001
$
$    FRAMES AND DOUBLERS
CONROD   2992125 29921   29925    7075     0.285
CONROD   2992529 29925   29929    7075     0.285
CONROD   2996165 29961   29965    7075     0.480
CONROD   2996569 29965   29969    7075     0.480
CONROD   2992141 29921   29941    7075     0.335
CONROD   2994161 29941   29961    7075     0.335
CONROD   2992949 29929   29949    7075     0.605
CONROD   2994969 29949   29969    7075     0.335
$    SHEAR WEBS
CTRMEM   2990521 0327075 29905    29921    29925
CTRMEM   2990525 0327075 29905    29925    29929
CQDMEM   2992145 0327075 29921    29941    29945    29925
CQDMEM   2992549 0327075 29925    29945    29949    29929
```

```
CQDMEM   2994165 0327075 29941    29961    29965    29945
CQDMEM   2994569 0327075 29945    29965    29969    29949
$
$                    TAILBOOM ATTACHMENT TO FUSELAGE BULKHEAD
$
MPC      1000    29921   1        1.0      30045    1        -1.0              +M11TB
+M11TB           30045   5         13.62   30045    6         11.92
MPC      1000    29921   2        1.0      30045    2        -1.0              +M21TB
+M21TB           30045   4       -13.62    30045    6        -.80
MPC      1000    29921   3        1.0      30045    3        -1.0              +M31TB
+M31TB           30045   4       -11.92    30045    5         .80
MPC      1000    29929   1        1.0      30045    1        -1.0              +M12TB
+M12TB           30045   5         13.62   30045    6        -11.92
MPC      1000    29929   2        1.0      30045    2        -1.0              +M22TB
+M22TB           30045   4       -13.62    30045    6        -.80
MPC      1000    29929   3        1.0      30045    3        -1.0              +M32TB
+M32TB           30045   4         11.92   30045    5         .80
MPC      1000    29961   1        1.0      30045    1        -1.0              +M13TB
+M13TB           30045   5       -13.21    30045    6         12.29
MPC      1000    29961   2        1.0      30045    2        -1.0              +M23TB
+M23TB           30045   4         13.21   30045    6         .87
MPC      1000    29961   3        1.0      30045    3        -1.0              +M33TB
+M33TB           30045   4       -12.29    30045    5        -.87
MPC      1000    29969   1        1.0      30045    1        -1.0              +M14TB
+M14TB           30045   5       -13.21    30045    6        -12.29
MPC      1000    29969   2        1.0      30045    2        -1.0              +M24TB
+M24TB           30045   4         13.21   30045    6         .87
MPC      1000    29969   3        1.0      30045    3        -1.0              +M34TB
+M34TB           30045   4         12.29   30045    5        -.87
$
$                              WING / RIGHT SIDE
$                                209-020-001
$
$
$                          FORWARD SPAR / RIGHT WING
$                                209-020-101
$
CONROD   6222811 62211   62811    2014     0.43811
CBAR     6222813 6222813 62213    62811    0.0      0.0      1.0      1        6222813
+6222813         456
PBAR     6222813 2014    1.790    0.20869  1.02299  0.09952
CONROD   6222812 62213   62811    2014     0.1875                             WEB
CONROD   6283411 62811   63411    2014     0.41152                            CAP
CONROD   6283412 62811   63411    2014     0.19325                            WEB
CONROD   6344211 63411   64211    2014     0.40701                            CAP
CONROD   6344212 63411   64211    2014     0.17038                            WEB
CONROD   6425011 64211   65011    2014     0.40060                            CAP
CONROD   6425012 64211   65011    2014     0.144                              WEB
CONROD   6505911 65011   65911    2014     0.39246                            CAP
```

```
CONROD   6505912 65011    65911    2014     0.118                                    WEB
CSHEAR   6221119 150      62213    62811    62819    62217
CSHEAR   6281119 12966    62811    63411    63419    62819
CSHEAR   6341119 12728    63411    64211    64219    63419
CSHEAR   6421119 12384    64211    65011    65019    64219
CSHEAR   6501119 11916    65011    65911    65919    65019
CBAR     6222817 6222817  62217    62819    0.0      0.0      1.0     1        6222817
+6222817         456
PBAR     6222817 2014     1.355    0.07213  0.67968  0.04572
CONROD   6222819 62219    62819    2014     0.43668
CONROD   6222818 62217    62819    2014     0.1875                                   WEB
CONROD   6283419 62819    63419    2014     0.40783                                  CAP
CONROD   6283418 62819    63419    2014     0.19325                                  WEB
CONROD   6344219 63419    64219    2014     0.40412                                  CAP
CONROD   6344218 63419    64219    2014     0.17038                                  WEB
CONROD   6425019 64219    65019    2014     0.39860                                  CAP
CONROD   6425018 64219    65019    2014     0.144                                    WEB
CONROD   6505919 65019    65919    2014     0.39083                                  CAP
CONROD   6505918 65019    65919    2014     0.118                                    WEB
$
$                          CENTER SPAR / RIGHT WING
$                               209-020-102
$
CBAR     6222821 6222821  62221    62821    0.0      0.0      1.0     1        6222821
+6222821         456
PBAR     6222821 2014     1.34058  0.52308  0.99587  0.00910
CBAR     6222824 6222824  62224    62821    0.0      0.0      1.0     1        6222824
+6222824         456
PBAR     6222824 2014     1.45     0.14717  0.63501  0.00910
CONROD   6222822 62224    62821    2014     0.21559                                  WEB
CONROD   6283421 62821    63421    2014     1.24010                                  CAP
CONROD   6283422 62821    63421    2014     0.26034                                  WEB
CONROD   6344221 63421    64221    2014     0.94412                                  CAP
CONROD   6344222 63421    64221    2014     0.23200                                  WEB
CONROD   6425021 64221    65021    2014     0.50055                                  CAP
CONROD   6425022 64221    65021    2014     0.20207                                  WEB
CONROD   6505921 65021    65921    2014     0.43588                                  CAP
CONROD   6505922 65021    65921    2014     0.17075                                  WEB
CSHEAR   6222129 18157    62224    62821    62829    62226
CSHEAR   6282129 17735    62821    63421    63429    62829
CSHEAR   6342129 17490    63421    64221    64229    63429
CSHEAR   6422129 17410    64221    65021    65029    64229
CSHEAR   6502129 17088    65021    65921    65929    65029
CBAR     6222826 6222826  62226    62829    0.0      0.0      1.0     1        6222826
+6222826         456
PBAR     6222826 2014     1.41     0.14991  0.65619  0.00910
CBAR     6222829 6222829  62229    62829    0.0      0.0      1.0     1        6222829
+6222829         456
PBAR     6222829 2014     0.97873  0.21703  0.86254  0.00910
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CONROD   6222828  62226    62829    2014     0.21559                              WEB
CONROD   6283429  62829    63429    2014     1.23420                              CAP
CONROD   6283428  62829    63429    2014     0.26034                              WEB
CONROD   6344229  63429    64229    2014     0.96586                              CAP
CONROD   6344228  63429    64229    2014     0.23200                              WEB
CONROD   6425029  64229    65029    2014     0.53473                              CAP
CONROD   6425028  64229    65029    2014     0.20207                              WEB
CONROD   6505929  65029    65929    2014     0.44318                              CAP
CONROD   6505928  65029    65929    2014     0.17075                              WEB
$
$                              AFT SPAR / RIGHT WING
$                                  209-020-103
$
CBAR     6222831  6222831  62231    62831    0.0      0.0      1.0      1          6222831
+6222831          456
PBAR     6222831  2014     0.42265  0.04445  0.32148  0.00906
CONROD   6222832  62231    62831    2014     0.02598                              WEB
CONROD   6283431  62831    63431    2014     0.10275                              CAP
CONROD   6283432  62831    63431    2014     0.02788                              WEB
CONROD   6344231  63431    64231    2014     0.10213                              CAP
CONROD   6344232  63431    64231    2014     0.02642                              WEB
CONROD   6425031  64231    65031    2014     0.10110                              CAP
CONROD   6425032  64231    65031    2014     0.02482                              WEB
CONROD   6505931  65031    65931    2014     0.10015                              CAP
CONROD   6505932  65031    65931    2014     0.02329                              WEB
CSHEAR   6223139  06416    62231    62831    62839    62239
CSHEAR   6283139  07505    62831    63431    63439    62839
CSHEAR   6343139  07402    63431    64231    64239    63439
CSHEAR   6423139  07278    64231    65031    65039    64239
CSHEAR   6503139  07149    65031    65931    65939    65039
CBAR     6222839  6222839  62239    62839    0.0      0.0      1.0      1          6222839
+6222839          456
PBAR     6222839  2014     0.25928  0.01150  0.11667  0.01365
CONROD   6222838  62239    62839    2014     0.02598                              WEB
CONROD   6283439  62839    63439    2014     0.15381                              CAP
CONROD   6283438  62839    63439    2014     0.02788                              WEB
CONROD   6344239  63439    64239    2014     0.15210                              CAP
CONROD   6344238  63439    64239    2014     0.02642                              WEB
CONROD   6425039  64239    65039    2014     0.15044                              CAP
CONROD   6425038  64239    65039    2014     0.02482                              WEB
CONROD   6505939  65039    65939    2014     0.14855                              CAP
CONROD   6505938  65039    65939    2014     0.02329                              WEB
$
$                              TOP SKIN / RIGHT WING
$
CQDMEM   6221121  0637075  62211    62221    62821    62811
CQDMEM   6281121  0637075  62811    62821    63421    63411
CQDMEM   6341121  0637075  63411    63421    64221    64211
CQDMEM   6421121  0637075  64211    64221    65021    65011
```

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CQDMEM   6501121  0637075 65011    65021    65921    65911
CQDMEM   6222131  0637075 62221    62231    62831    62821
CQDMEM   6282131  0637075 62821    62831    63431    63421
CQDMEM   6342131  0637075 63421    63431    64231    64221
CQDMEM   6422131  0637075 64221    64231    65031    65021
CQDMEM   6502131  0637075 65021    65031    65931    65921
$
$                              BOTTOM SKIN / RIGHT WING
$
CQDMEM   6221929  0637075 62219    62229    62829    62819
CQDMEM   6281929  0637075 62819    62829    63429    63419
CQDMEM   6341929  0637075 63419    63429    64229    64219
CQDMEM   6421929  0637075 64219    64229    65029    65019
CQDMEM   6501929  0637075 65019    65029    65929    65919
CQDMEM   6222939  0637075 62229    62239    62839    62829
CQDMEM   6282939  0637075 62829    62839    63439    63429
CQDMEM   6342939  0637075 63429    63439    64239    64229
CQDMEM   6422939  0637075 64229    64239    65039    65029
CQDMEM   6502939  0637075 65029    65039    65939    65929
$
$                                 WS  22.19 RIB
$
CQDMEM   6221124  1252014 62211    62221    62224    62213
CQDMEM   6221326  1252014 62213    62224    62226    62217
CQDMEM   6221729  1252014 62217    62226    62229    62219
CTRMEM   6222431  1252014 62221    62224    62231
CQDMEM   6222439  1252014 62224    62231    62239    62226
CTRMEM   6222639  1252014 62226    62229    62239
$
$                                 WS  28.00 RIB
$
CQDMEM   6281129  1252014 62811    62821    62829    62819
CQDMEM   6282139  1252014 62821    62831    62839    62829
$
$                                 WS  34.00 RIB
$
CQDMEM   6341129  1252014 63411    63421    63429    63419
CQDMEM   6342139  1252014 63421    63431    63439    63429
$
$                                 WS  42.50 RIB
$
CQDMEM   6421129  1252014 64211    64221    64229    64219
CQDMEM   6422139  1252014 64221    64231    64239    64229
$
$           HARD POINT FOR ATTACHING INBOARD WING STORES - RIGHT SIDE
$
MPC      1000     64229   4       1.0      64221    2        .13423          R I/8 4
+R I/8 4         64229   2       -.13423
MPC      1000     64229   5       1.0      64219    3       -.10493          R I/8 5
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+R I/B 5          64229    3          .10493
MPC      1000     64229    6         1.0       64219    2          .10493          R I/B 6
+R I/B 6          64229    2         -.10493
$
$                                    WS  50.75 RIB
$
CQDMEM   6501129  1252014  65011     65021     65029    65019
CQDMEM   6502139  1252014  65021     65031     65039    65029
$
$                                    WS  59.00 RIB
$
CQDMEM   6591129  1252014  65911     65921     65929    65919
CQDMEM   6592139  1252014  65921     65931     65939    65929
$
$          HARD POINT FOR ATTACHING OUTBOARD WING STORES - RIGHT SIDE
$
MPC      1000     65929    4         1.0       65921    2          .18182          R O/B 4
+R O/B 4          65929    2         -.18182
MPC      1000     65929    5         1.0       65919    3         -.11442          R O/B 5
+R O/B 5          65929    3          .11442
MPC      1000     65929    6         1.0       65919    2          .11442          R O/B 6
+R O/B 6          65929    2         -.11442
$
$                              FORWARD SPAR LUGS / RIGHT WING
$
CBAR     6131922  6131922  61913     62213     0.0      0.0       1.0      1      F2 LUGR
PBAR     6131922  2014     1.32139   0.43256   0.91617  0.99515
CBAR     6171922  6171922  61917     62217     0.0      0.0       1.0      1      F5 LUGR
PBAR     6171922  2014     1.5496    0.16642   0.66633  0.45718
$
$                              CENTER SPAR LUGS / RIGHT WING
$
CBAR     6221922  6221922  61922     62221     0.0      0.0       1.0      1      C1 LUGR
+C1 LUGR                   0.0       0.0       0.0      0.0       0.0     -0.91
PBAR     6221922  2014     0.54348   0.02604   0.65104  0.09104
CBAR     6241922  6241922  61924     62224     0.0      0.0       1.0      1      C3 LUGR
PBAR     6241922  2014     0.54348   0.02604   0.65104  0.09104
CBAR     6261922  6261922  61926     62226     0.0      0.0       1.0      1      C4 LUGR
PBAR     6261922  2014     0.8333    0.02604   0.65104  0.09104
CBAR     6281922  6281922  61928     62229     0.0      0.0       1.0      1      C6 LUGR
+C6 LUGR                   0.0       0.0       0.0      0.0       0.0      0.27
PBAR     6281922  2014     0.8333    0.02604   0.65104  0.09104
$
$                                 AFT SPAR LUGS / RIGHT WING
$
CBAR     6341922  6341922  61934     62231     0.0      0.0       1.0      1      A1 LUGR
+A1 LUGR                   0.0       0.0       0.0      0.0       0.0     -0.93
PBAR     6341922  2014     0.532     0.02781   0.32009  0.09058
CBAR     6361922  6361922  61936     62239     0.0      0.0       1.0      1      A3 LUGR
```

```
PBAR     6361922 2014     0.98648 0.04328 0.37096 0.13655
$
$                         FORWARD SPAR LUG PIN / RIGHT WING
$
MPC      1000    61913    1       1.0     61914   1       -.518952        MPCFRU1
+MPCFRU1         61912    1       -.481048
MPC      1000    61913    2       1.0     61914   2       -.518952        MPCFRU2
+MPCFRU2         61912    2       -.481048
MPC      1000    61914    3       1.0     61913   3       -1.0
MPC      1000    61912    3       1.0     61913   3       -1.0
MPC      1000    61914    4       1.0     61913   4       -1.0
MPC      1000    61912    4       1.0     61913   4       -1.0
MPC      1000    61914    5       1.0     61913   5       -1.0
MPC      1000    61912    5       1.0     61913   5       -1.0
MPC      1000    61913    4       1.0     61914   2       -.403226        MPCFRU4
+MPCFRU4         61912    2       .403226
MPC      1000    61913    5       1.0     61914   1        .403226        MPCFRU5
+MPCFRU5         61912    1       -.403226
MPC      1000    61917    1       1.0     61918   1       -.457078        MPCFRL1
+MPCFRL1         61916    1       -.542922
MPC      1000    61917    2       1.0     61918   2       -.457078        MPCFRL2
+MPCFRL2         61916    2       -.542922
MPC      1000    61918    3       1.0     61917   3       -1.0
MPC      1000    61916    3       1.0     61917   3       -1.0
MPC      1000    61918    4       1.0     61917   4       -1.0
MPC      1000    61916    4       1.0     61917   4       -1.0
MPC      1000    61918    5       1.0     61917   5       -1.0
MPC      1000    61916    5       1.0     61917   5       -1.0
MPC      1000    61917    4       1.0     61918   2       -.456621        MPCFRL4
+MPCFRL4         61916    2       .456621
MPC      1000    61917    5       1.0     61918   1        .456621        MPCFRL5
+MPCFRL5         61916    1       -.456621
$
$                         CENTER SPAR LUG PIN / RIGHT WING
$
MPC      1000    61923    1       1.0     61924   1       -.520710        MPCCRU1
+MPCCRU1         61922    1       -.479290
MPC      1000    61923    2       1.0     61924   2       -.520710        MPCCRU2
+MPCCRU2         61922    2       -.479290
MPC      1000    61924    3       1.0     61923   3       -1.0
MPC      1000    61922    3       1.0     61923   3       -1.0
MPC      1000    61924    4       1.0     61923   4       -1.0
MPC      1000    61922    4       1.0     61923   4       -1.0
MPC      1000    61924    5       1.0     61923   5       -1.0
MPC      1000    61922    5       1.0     61923   5       -1.0
MPC      1000    61923    4       1.0     61924   2       -.591716        MPCCRU4
+MPCCRU4         61922    2       .591716
MPC      1000    61923    5       1.0     61924   1        .591716        MPCCRU5
+MPCCRU5         61922    1       -.591716
```

```
MPC       1000    61927   1       1.0     61928   1       -.40            MPCCRL1
+MPCCRL1          61926   1       -.60
MPC       1000    61927   2       1.0     61928   2       -.40            MPCCRL2
+MPCCRL2          61926   2       -.60
MPC       1000    61928   3       1.0     61927   3       -1.0
MPC       1000    61926   3       1.0     61927   3       -1.0
MPC       1000    61928   4       1.0     61927   4       -1.0
MPC       1000    61926   4       1.0     61927   4       -1.0
MPC       1000    61928   5       1.0     61927   5       -1.0
MPC       1000    61926   5       1.0     61927   5       -1.0
MPC       1000    61927   4       1.0     61928   2       -.588235        MPCCRL4
+MPCCRL4          61926   2       .588235
MPC       1000    61927   5       1.0     61928   1        .588235        MPCCRL5
+MPCCRL5          61926   1       -.588235
$
$                              AFT SPAR LUG PIN / RIGHT WING
$
MPC       1000    61935   1       1.0     61936   1       -.477612        MPCARC1
+MPCARC1          61934   1       -.522388
MPC       1000    61935   2       1.0     61936   2       -.477612        MPCARC2
+MPCARC2          61934   2       -.522388
MPC       1000    61936   3       1.0     61935   3       -1.0
MPC       1000    61934   3       1.0     61935   3       -1.0
MPC       1000    61936   4       1.0     61935   4       -1.0
MPC       1000    61934   4       1.0     61935   4       -1.0
MPC       1000    61936   5       1.0     61935   5       -1.0
MPC       1000    61934   5       1.0     61935   5       -1.0
MPC       1000    61935   4       1.0     61936   2       -.746269        MPCARC4
+MPCARC4          61934   2       .746269
MPC       1000    61935   5       1.0     61936   1        .746269        MPCARC5
+MPCARC5          61934   1       -.746269
$
$                                  WING / LEFT SIDE
$                                    209-020-001
$
$
$
$                              FORWARD SPAR / LEFT WING
$                                    209-020-101
$
CONROD  7222811 72211   72811   2014    0.43811
CBAR    7222813 7222813 72213   72811   0.0     0.0     1.0     1       7222813
+7222813        456
PBAR    7222813 2014    1.790   0.20869 1.02299 0.09952
CONROD  7222812 72213   72811   2014    0.1875                          WEB
CONROD  7283411 72811   73411   2014    0.41152                         CAP
CONROD  7283412 72811   73411   2014    0.19325                         WEB
CONROD  7344211 73411   74211   2014    0.40701                         CAP
CONROD  7344212 73411   74211   2014    0.17038                         WEB
CONROD  7425011 74211   75011   2014    0.40060                         CAP
```

```
CONROD   7425012 74211    75011    2014     0.144                                  WEB
CONROD   7505911 75011    75911    2014     0.39246                                CAP
CONROD   7505912 75011    75911    2014     0.118                                  WEB
CSHEAR   7221119 150      72213    72811    728.?    72217
CSHEAR   7281119 12966    72811    73411    73419    72819
CSHEAR   7341119 12728    73411    74211    74219    73419
CSHEAR   7421119 12381    74211    75011    75019    74219
CSHEAR   7501119 11916    75011    75911    75919    75019
CBAR     7222817 7222817  72217    72819    0.0      0.0      1.0      1        7222817
+7222817         456
PBAR     7222817 2014     1.355    0.07213  0.67968  0.04572
CONROD   7222819 72219    72819    2014     0.43668
CONROD   7222818 72217    72819    2014     0.1875                                 WEB
CONROD   7283419 72819    73419    2014     0.40783                                CAP
CONROD   7283418 72819    73419    2014     0.19325                                WEB
CONROD   7344219 73419    74219    2014     0.40412                                CAP
CONROD   7344218 73419    74219    2014     0.17038                                WEB
CONROD   7425019 74219    75019    2014     0.39860                                CAP
CONROD   7425018 74219    75019    2014     0.144                                  WEB
CONROD   7505919 75019    75919    2014     0.39083                                CAP
CONROD   7505918 75019    75919    2014     0.118                                  WEB
$
$                                CENTER SPAR / LEFT WING
$                                    209-020-102
$
CBAR     7222821 7222821  72221    72821    0.0      0.0      1.0      1        7222821
+7222821         456
PBAR     7222821 2014     1.34058  0.52308  0.99587  0.00910
CBAR     7222824 7222824  72224    72821    0.0      0.0      1.0      1        7222824
+7222824         456
PBAR     7222824 2014     1.45     0.14717  0.63501  0.00910
CONROD   7222822 72224    72821    2014     0.21559                                WEB
CONROD   7283421 72821    73421    2014     1.24010                                CAP
CONROD   7283422 72821    73421    2014     0.26034                                WEB
CONROD   7344221 73421    74221    2014     0.94412                                CAP
CONROD   7344222 73421    74221    2014     0.23200                                WEB
CONROD   7425021 74221    75021    2014     0.50055                                CAP
CONROD   7425022 74221    75021    2014     0.20207                                WEB
CONROD   7505921 75021    75921    2014     0.43588                                CAP
CONROD   7505922 75021    75921    2014     0.17075                                WEB
CSHEAR   7222129 18157    72224    72821    72829    72226
CSHEAR   7282129 17735    72821    73421    73429    72829
CSHEAR   7342129 17490    73421    74221    74229    73429
CSHEAR   7422129 17410    74221    75021    75029    74229
CSHEAR   7502129 17088    75021    75921    75929    75029
CBAR     7222826 7222826  72226    72829    0.0      0.0      1.0      1        7222826
+7222826         456
PBAR     7222826 2014     1.41     0.14991  0.65619  0.00910
CBAR     7222829 7222829  72229    72829    0.0      0.0      1.0      1        7222829
```

```
+7222829          456
PBAR     7222829  2014     0.97873  0.21703  0.86254  0.00910
CONROD   7222828  72226    72829    2014     0.21559                                    WEB
CONROD   7283429  72829    73429    2014     1.23420                                    CAP
CONROD   7283428  72829    73429    2014     0.26034                                    WEB
CONROD   7344229  73429    74229    2014     0.96586                                    CAP
CONROD   7344228  73429    74229    2014     0.23200                                    WEB
CONROD   7425029  74229    75029    2014     0.53473                                    CAP
CONROD   7425028  74229    75029    2014     0.20207                                    WEB
CONROD   7505929  75029    75929    2014     0.44318                                    CAP
CONROD   7505928  75029    75929    2014     0.17075                                    WEB
$
$                              AFT SPAR / LEFT WING
$                                  209-020-103
$
CONROD   7222832  72231    72831    2014     0.02598                                    WEB
CBAR     7222831  7222831  72231    72831    0.0      0.0      1.0      1               7222831
+7222831          456
PBAR     7222831  2014     0.42265  0.04445  0.32148  0.00906
CONROD   7283431  72831    73431    2014     0.10275                                    CAP
CONROD   7283432  72831    73431    2014     0.02788                                    WEB
CONROD   7344231  73431    74231    2014     0.10213                                    CAP
CONROD   7344232  73431    74231    2014     0.02642                                    WEB
CONROD   7425031  74231    75031    2014     0.10110                                    CAP
CONROD   7425032  74231    75031    2014     0.02482                                    WEB
CONROD   7505931  75031    75931    2014     0.10015                                    CAP
CONROD   7505932  75031    75931    2014     0.02329                                    WEB
CSHEAR   7223139  06416    72231    72831    72839    72239
CSHEAR   7283139  07505    72831    73431    73439    72839
CSHEAR   7343139  07402    73431    74231    74239    73439
CSHEAR   7423139  07278    74231    75031    75039    74239
CSHEAR   7503139  07149    75031    75931    75939    75039
CBAR     7222839  7222839  72239    72839    0.0      0.0      1.0      1               7222839
+7222839          456
PBAR     7222839  2014     0.25928  0.01150  0.11667  0.01365
CONROD   7222838  72239    72839    2014     0.02598                                    WEB
CONROD   7283439  72839    73439    2014     0.15381                                    CAP
CONROD   7283438  72839    73439    2014     0.02788                                    WEB
CONROD   7344239  73439    74239    2014     0.15210                                    CAP
CONROD   7344238  73439    74239    2014     0.02642                                    WEB
CONROD   7425039  74239    75039    2014     0.15044                                    CAP
CONROD   7425038  74239    75039    2014     0.02482                                    WEB
CONROD   7505939  75039    75939    2014     0.14855                                    CAP
CONROD   7505938  75039    75939    2014     0.02329                                    WEB
$
$                              TOP SKIN / LEFT WING
$
CQDMEM   7221121  0637075  72211    72221    72821    72811
CQDMEM   7281121  0637075  72811    72821    73421    73411
```

```
CQDMEM   7?1121  0637075  73411    73421    74221    74211
CQDMEM   7421121 0637075  7421:    74221    75021    75011
CQDMEM   7501121 0637075  75011    75021    75921    75911
CQDMEM   7222131 0637075  72221    72231    72831    72821
CQDMEM   7282131 0637075  72821    72831    73431    73421
CQDMEM   7342131 0637075  73421    73431    74231    74221
CQDMEM   7422131 0637075  74221    74231    75031    75021
CQDMEM   7502131 0637075  75021    75031    75931    75921
$
$                              BOTTOM SKIN / LEFT WING
$
CQDMEM   7221929 0637075  72219    72229    72829    72819
CQDMEM   7281929 0637075  72819    72829    73429    73419
CQDMEM   7341929 0637075  73419    73429    74229    74219
CQDMEM   7421929 0637075  74219    74229    75029    75019
CQDMEM   7501929 0637075  75019    75029    75929    75919
CQDMEM   7222939 0637075  72229    72239    72839    72829
CQDMEM   7282939 0637075  72829    72839    73439    73429
CQDMEM   7342939 0637075  73429    73439    74239    74229
CQDMEM   7422939 0637075  74229    74239    75039    75029
CQDMEM   7502939 0637075  75029    75039    75939    75929
$
$                                 WS -22.19 RIB
$
CQDMEM   7221124 1252014  72211    72221    72224    72213
CQDMEM   7221326 1252014  72213    72224    72226    72217
CQDMEM   7221729 1252014  72217    72226    72229    72219
CTRMEM   7222431 1252014  72221    72224    72231
CQDMEM   7222439 1252014  72224    72231    72239    72226
CTRMEM   7222639 1252014  72226    72229    72239
$
$                                 WS -28.00 RIB
$
CQDMEM   7281129 1252014  72811    72821    72829    72819
CQDMEM   7282139 1252014  72821    72831    72839    72829
$
$                                 WS -34.00 RIB
$
CQDMEM   7341129 1252014  73411    73421    73429    73419
CQDMEM   7342139 1252014  73421    73431    73439    73429
$
$                                 WS -42.50 RIB
$
CQDMEM   7421129 1252014  74211    74221    74229    74219
CQDMEM   7422139 1252014  74221    74231    74239    74229
$
$          HARD POINT FOR ATTACHING INBOARD WING STORES - LEFT SIDE
$
MPC      1000    74229    4        1.0      74221    2        .13423          L I/B 4
```

```
+L I/B 4                74229    2        -.13423
MPC      1000           74229    5        1.0        74219    3        -.10493          L I/B 5
+L I/B 5                74229    3         .10493
MPC      1000           74229    6        1.0        74219    2         .10493          L I/B 6
+L I/B 6                74229    2        -.10493
$
$                                        WS -50.75 RIB
$
CQDMEM   7501129 1252014 75011    75021    75029    75019
CQDMEM   7502139 1252014 75021    75031    75039    75029
$
$                                        WS -59.00 RIB
$
CQDMEM   7591129 1252014 75911    75921    75929    75919
CQDMEM   7592139 1252014 75921    75931    75939    75929
$
$          HARD POINT FOR ATTACHING OUTBOARD WING STORES - LEFT SIDE
$
MPC      1000           75929    4        1.0        75921    2         .18182          L O/B 4
+L O/B 4                75929    2        -.18182
MPC      1000           75929    5        1.0        75919    3        -.11442          L O/B 5
+L O/B 5                75929    3         .11442
MPC      1000           75929    6        1.0        75919    2         .11442          L O/B 6
+L O/B 6                75929    2        -.11442
$
$                                  FORWARD SPAR LUGS / LEFT WING
$
CBAR     7131922 7131922 71913    72213    0.0      0.0      1.0      1        F2 LUGL
PBAR     7131922 2014    1.32139  0.43256  0.91617  0.99515
CBAR     7171922 7171922 71917    72217    0.0      0.0      1.0      1        F5 LUGL
PBAR     7171922 2014    1.5496   0.16642  0.66633  0.45718
$
$                                  CENTER SPAR LUGS / LEFT WING
$
CBAR     7221922 7221922 71922    72221    0.0      0.0      1.0      1        C1 LUGL
+C1 LUGL                 0.0      0.0      0.0      0.0      0.0      -0.91
PBAR     7221922 2014    0.54348  0.02604  0.65104  0.09104
CBAR     7241922 7241922 71924    72224    0.0      0.0      1.0      1        C3 LUGL
PBAR     7241922 2014    0.54348  0.02604  0.65104  0.09104
CBAR     7261922 7261922 71926    72226    0.0      0.0      1.0      1        C4 LUGL
PBAR     7261922 2014    0.8333   0.02604  0.65104  0.09104
CBAR     7281922 7281922 71928    72229    0.0      0.0      1.0      1        C6 LUGL
+C6 LUGL                 0.0      0.0      0.0      0.0      0.0       0.27
PBAR     7281922 2014    0.8333   0.02604  0.65104  0.09104
$
$                                  AFT SPAR LUGS / LEFT WING
$
CBAR     7341922 7341922 71934    72231    0.0      0.0      1.0      1        A1 LUGL
+A1 LUGL                 0.0      0.0      0.0      0.0      0.0      -0.93
```

```
PBAR     7341922 2014     0.532    0.02781 0.32009 0.09058
CBAR     7361922 7361922 71936    72239    0.0     0.0     1.0     1          A3 LUGL
PBAR     7361922 2014     0.98648 0.04328 0.37096 0.13655
$
$                          FORWARD SPAR LUG PIN / LEFT WING
$
MPC      1000    71913    1       1.0     71914   1       -.516952           MPCFLU1
+MPCFLU1         71912    1       -.481048
MPC      1000    71913    2       1.0     71914   2       -.518952           MPCFLU2
+MPCFLU2         71912    2       -.481048
MPC      1000    71914    3       1.0     71913   3       -1.0
MPC      1000    71912    3       1.0     71913   3       -1.0
MPC      1000    71914    4       1.0     71913   4       -1.0
MPC      1000    71912    4       1.0     71913   4       -1.0
MPC      1000    71914    5       1.0     71913   5       -1.0
MPC      1000    71912    5       1.0     71913   5       -1.0
MPC      1000    71913    4       1.0     71914   2       -.403226           MPCFLU4
+MPCFLU4         71912    2        .403226
MPC      1000    71913    5       1.0     71914   1        .403226           MPCFLU5
+MPCFLU5         71912    1       -.403226
MPC      1000    71917    1       1.0     71918   1       -.457078           MPCFLL1
+MPCFLL1         71916    1       -.542922
MPC      1000    71917    2       1.0     71918   2       -.457078           MPCFLL2
+MPCFLL2         71916    2       -.542922
MPC      1000    71918    3       1.0     71917   3       -1.0
MPC      1000    71916    3       1.0     71917   3       -1.0
MPC      1000    71918    4       1.0     71917   4       -1.0
MPC      1000    71916    4       1.0     71917   4       -1.0
MPC      1000    71918    5       1.0     71917   5       -1.0
MPC      1000    71916    5       1.0     71917   5       -1.0
MPC      1000    71917    4       1.0     71918   2       -.456621           MPCFLL4
+MPCFLL4         71916    2        .456621
MPC      1000    71917    5       1.0     71918   1        .456621           MPCFLL5
+MPCFLL5         71916    1       -.456621
$
$                          CENTER SPAR LUG PIN / LEFT WING
$
MPC      1000    71923    1       1.0     71924   1       -.520710           MPCCLU1
+MPCCLU1         71922    1       -.479290
MPC      1000    71923    2       1.0     71924   2       -.520710           MPCCLU2
+MPCCLU2         71922    2       -.479290
MPC      1000    71924    3       1.0     71923   3       -1.0
MPC      1000    71922    3       1.0     71923   3       -1.0
MPC      1000    71924    4       1.0     71923   4       -1.0
MPC      1000    71922    4       1.0     71923   4       -1.0
MPC      1000    71924    5       1.0     71923   5       -1.0
MPC      1000    71922    5       1.0     71923   5       -1.0
MPC      1000    71923    4       1.0     71924   2       -.591716           MPCCLU4
+MPCCLU4         71922    2        .591716
```

```
MPC       1000      71923     5         1.0       71924     1          .591716          MPCCLU5
+MPCCLU5            71922     1         -.591716
MPC       1000      71927     1         1.0       71928     1         -.40              MPCCLL1
+MPCCLL1            71926     1         -.60
MPC       1000      71927     2         1.0       71928     2         -.40              MPCCLL2
+MPCCLL2            71926     2         -.60
MPC       1000      71928     3         1.0       71927     3         -1.0
MPC       1000      71926     3         1.0       71927     3         -1.0
MPC       1000      71928     4         1.0       71927     4         -1.0
MPC       1000      71926     4         1.0       71927     4         -1.0
MPC       1000      71928     5         1.0       71927     5         -1.0
MPC       1000      71926     5         1.0       71927     5         -1.0
MPC       1000      71927     4         1.0       71928     2         -.588235          MPCCLL4
+MPCCLL4            71926     2          .588235
MPC       1000      71927     5         1.0       71928     1          .588235          MPCCLL5
+MPCCLL5            71926     1         -.588235
$
$                                  AFT SPAR LUG PIN / LEFT WING
$
MPC       1000      71935     1         1.0       71936     1         -.477612          MPCALC1
+MPCALC1            71934     1         -.522388
MPC       1000      71935     2         1.0       71936     2         -.477612          MPCALC2
+MPCALC2            71934     2         -.522388
MPC       1000      71936     3         1.0       71935     3         -1.0
MPC       1000      71934     3         1.0       71935     3         -1.0
MPC       1000      71936     4         1.0       71935     4         -1.0
MPC       1000      71934     4         1.0       71935     4         -1.0
MPC       1000      71936     5         1.0       71935     5         -1.0
MPC       1000      71934     5         1.0       71935     5         -1.0
MPC       1000      71935     4         1.0       71936     2         -.746269          MPCALC4
+MPCALC4            71934     2          .746269
MPC       1000      71935     5         1.0       71936     1          .746269          MPCALC5
+MPCALC5            71934     1         -.746269
$
$                                  MAIN ROTOR TRANSMISSION
$                                       204-040-009
$
CBAR      3530251   353025    200070    200078    1.0       0.0       0.0       1       MR G/B
CBAR      3530252   353025    200078    200079    1.0       0.0       0.0       1       MR G/B
CBAR      3530253   353025    200079    200087    1.0       0.0       0.0       1       MR G/B
CBAR      3530254   353025    200087    200096    1.0       0.0       0.0       1       MR G/B
CBAR      3530255   353025    200096    200101    1.0       0.0       0.0       1       MRBRG2
+MRBRG2             456
PBAR      353025    1         100.      1950.     1950.     1480.
$
$                                  MAIN ROTOR MAST
$                                       209-010-450
$
CBAR      4500050   450007    200079    200086    1.0       0.0       0.0       1       MRBRG1
```

```
+MRBRG1   56
CBAR     4500070 450007  200086  200095  1.0     0.0     0.0     1       MR MAST
CBAR     4500071 450007  200095  200101  1.0     0.0     0.0     1       MR MAST
CBAR     4500072 450007  200101  200106  1.0     0.0     0.0     1       MR MAST
CBAR     4500073 450007  200106  200114  1.0     0.0     0.0     1       MR MAST
CBAR     4500074 450007  200114  200121  1.0     0.0     0.0     1       MR MAST
CBAR     4500075 450007  200121  200129  1.0     0.0     0.0     1       MR MAST
CBAR     4500076 450007  200129  200137  1.0     0.0     0.0     1       MR MAST
CBAR     4500077 450007  200137  200145  1.0     0.0     0.0     1       MR MAST
CBAR     4500078 450007  200145  200153  1.0     0.0     0.0     1       MR MAST
CBAR     4500079 450007  200153  200155  1.0     0.0     0.0     1       MR MAST
PBAR     450007  1       100.    120.07  120.07  91.088
$
$                        MAIN ROTOR PYLON LIFT LINK
$                              212-030-104
$                            (209-030-357)
$
CBAR     3570001 3570001 200078  19765   1.0     0.0     0.0     1       LLINK
+LLINK           -3.10   0.0     -1.67   0.0     0.0     1.52
PBAR     3570001 4340    0.89    0.0     0.0     0.0
$
$                  MAIN ROTOR TRANSMISSION CASE SUPPORT ASSEMBLY
$                              204-040-354-009
$
MPC      1000    189073  1       1.0     200078  1       -1.0            FWDR1
+FWDR1           200078  6       12.375
MPC      1000    189073  2       1.0     200078  2       -1.0            FWDR2
+FWDR2           200078  6       10.06
MPC      1000    189073  3       1.0     200078  3       -1.0            FWDR3
+FWDR3           200078  4       -12.375 200078  5       -10.06
MPC      1000    189073  4       1.0     200078  4       -1.0            FWDR4
MPC      1000    189073  5       1.0     200078  5       -1.0            FWDR5
MPC      1000    189073  6       1.0     200078  6       -1.0            FWDR6
MPC      1000    189077  1       1.0     200078  1       -1.0            FWDL1
+FWDL1           200078  6       -12.375
MPC      1000    189077  2       1.0     200078  2       -1.0            FWDL2
+FWDL2           200078  6       10.06
MPC      1000    189077  3       1.0     200078  3       -1.0            FWDL3
+FWDL3           200078  4       12.375  200078  5       -10.06
MPC      1000    189077  4       1.0     200078  4       -1.0            FWDL4
MPC      1000    189077  5       1.0     200078  5       -1.0            FWDL5
MPC      1000    189077  6       1.0     200078  6       -1.0            FWDL6
MPC      1000    211073  1       1.0     200078  1       -1.0            AFTR1
+AFTR1           200078  6       12.375
MPC      1000    211073  2       1.0     200078  2       -1.0            AFTR2
+AFTR2           200078  6       -11.72
MPC      1000    211073  3       1.0     200078  3       -1.0            AFTR3
+AFTR3           200078  4       -12.375 200078  5       11.72
MPC      1000    211073  4       1.0     200078  4       -1.0            AFTR4
```

```
MPC     1000    211073  5       1.0     200078  5       -1.0            AFTR5
MPC     1000    211073  6       1.0     200078  6       -1.0            AFTR6
MPC     1000    211077  1       1.0     200078  1       -1.0            AFTL1
+AFTL1          200078  6       -12.375
MPC     1000    211077  2       1.0     200078  2       -1.0            AFTL2
+AFTL2          200078  6       -11.72
MPC     1000    211077  3       1.0     200078  3       -1.0            AFTL3
+AFTL3          200078  4        12.375 200078  5        11.72
MPC     1000    211077  4       1.0     200078  4       -1.0            AFTL4
MPC     1000    211077  5       1.0     200078  5       -1.0            AFTL5
MPC     1000    211077  6       1.0     200078  6       -1.0            AFTL6
MPC     1000    214075  1       1.0     200078  1       -1.0            AFTC1
MPC     1000    214075  2       1.0     200078  2       -1.0            AFTC2
+AFTC2          200078  6       -14.50
MPC     1000    214075  3       1.0     200078  3       -1.0            AFTC3
+AFTC3          200078  5        14.50
MPC     1000    214075  4       1.0     200078  4       -1.0            AFTC4
MPC     1000    214075  5       1.0     200078  5       -1.0            AFTC5
MPC     1000    214075  6       1.0     200078  6       -1.0            AFTC6
$
$                       MAIN ROTOR PYLON MOUNT SPRINGS
$                              204-031-928-005
$
CELAS2  189831  28125.  189073  1       18983   1                       FWD R X
CELAS2  189832  28125.  189073  2       18983   2                       FWD R Y
CELAS2  189833  4500.   189073  3       18983   3                       FWD R Z
CELAS2  189871  28125.  189077  1       18987   1                       FWD L X
CELAS2  189872  28125.  189077  2       18987   2                       FWD L Y
CELAS2  189873  4500.   189077  3       18987   3                       FWD L Z
CELAS2  211831  28125.  211073  1       21183   1                       AFT R X
CELAS2  211832  28125.  211073  2       21183   2                       AFT R Y
CELAS2  211833  4500.   211073  3       21183   3                       AFT R Z
CELAS2  211871  28125.  211077  1       21187   1                       AFT L X
CELAS2  211872  28125.  211077  2       21187   2                       AFT L Y
CELAS2  211873  4500.   211077  3       21187   3                       AFT L Z
CELAS2  214853  20000.  214075  3       21485   3                       AFT C Z
$
$                       TAIL ROTOR GEARBOX
$                              204-040-400
$
CBAR    4000071 400007  52045   520024  0.0     0.0     1.0     1       TRBRG1
CBAR    4000072 400007  52045   520068  0.0     0.0     1.0     1       TRBRG2
+TRBRG2         456
PBAR    400007  4620    10.0    3.25    3.25    6.50
$
$                       TAIL ROTOR MAST
$                              204-040-402
$
CBAR    4020091 4020091 520018  520024  0.0     0.0     1.0     1       TR MAST
```

```
PBAR    4020091 4620    1.1090  0.2393  0.2393  0.4787
CBAR    4020092 4020092 520024  520057  0.0     0.0     1.0     1       TR MAST
PBAR    4020092 4620    0.9362  0.1909  0.1909  0.3817
CBAR    4020093 4020093 520057  520065  0.0     0.0     1.0     1       TR MAST
PBAR    4020093 4620    0.9442  0.1635  0.1635  0.3269
CBAR    4020094 4020094 520065  520068  0.0     0.0     1.0     1       TR MAST
PBAR    4020094 4620    1.0034  0.1790  0.1790  0.3580
CBAR    4020095 4020095 520068  520079  0.0     0.0     1.0     1       TR MAST
PBAR    4020095 4620    1.1242  0.1838  0.1838  0.3675
CBAR    4020096 4020096 520079  520135  0.0     0.0     1.0     1       TR MAST
PBAR    4020096 4620    0.8176  0.1149  0.1149  0.2297
CBAR    4020097 4020097 520135  520139  0.0     0.0     1.0     1       TR MAST
PBAR    4020097 4620    0.6437  0.07945 0.07945 0.1589
CBAR    4020098 4020098 520139  520152  0.0     0.0     1.0     1       TR MAST
PBAR    4020098 4620    0.6511  0.08074 0.08074 0.1615
CBAR    4020099 4020099 520152  520185  0.0     0.0     1.0     1       TR MAST
PBAR    4020099 4620    0.6511  0.08074 0.08074 0.1615
$
$                       SKID LANDING GEAR
$                          209-050-002
$
$
$                       RIGHT SKID TUBE
$                       209-050-002-052
$
CBAR    0020521 0020521 211002  214902  0.0     0.0     1.0     1
PBAR    0020521 2024    0.779   1.510   1.510   3.020
CBAR    0020522 0020522 214902  222002  0.0     0.0     1.0     1
PBAR    0020522 2024    0.779   1.510   1.510   3.020
CBAR    0020523 0020523 222002  223402  0.0     0.0     1.0     1
PBAR    0020523 2024    0.779   1.510   1.510   3.020
$
$                       LEFT SKID TUBE
$                       209-050-002-051
$
CBAR    0020511 0020511 211001  214901  0.0     0.0     1.0     1
PBAR    0020511 2024    0.779   1.510   1.510   3.020
CBAR    0020512 0020512 214901  222001  0.0     0.0     1.0     1
PBAR    0020512 2024    0.779   1.510   1.510   3.020
CBAR    0020513 0020513 222001  223401  0.0     0.0     1.0     1
PBAR    0020513 2024    0.779   1.510   1.510   3.020
$
$                       FORWARD CROSS TUBE
$                          209-050-002-045
$
CBAR    0020451 0020451 214902  215102  0.0     0.0     1.0     1
PBAR    0020451 7075    1.132   0.836   0.836   1.672
CBAR    0020452 0020452 215102  215202  0.0     0.0     1.0     1
PBAR    0020452 7075    1.686   1.312   1.312   2.624
```

```
CBAR     0020453 0020453 215202  215201  0.0     0.0     1.0     1
PBAR     0020453 7075    1.964   1.549   1.549   3.098
CBAR     0020454 0020454 215201  215101  0.0     0.0     1.0     1
PBAR     0020454 7075    1.686   1.312   1.312   2.624
CBAR     0020455 0020455 215101  214901  0.0     0.0     1.0     1
PBAR     0020455 7075    1.132   0.836   0.836   1.672
$
$                                AFT CROSS TUBE
$                                209-050-002-041
$
CBAR     0020411 0020411 222002  222202  0.0     0.0     1.0     1
PBAR     0020411 7075    1.516   1.090   1.090   2.180
CBAR     0020412 0020412 222202  222302  0.0     0.0     1.0     1
PBAR     0020412 7075    2.371   1.712   1.712   3.424
CBAR     0020413 0020413 222302  222301  0.0     0.0     1.0     1
PBAR     0020413 7075    2.798   2.022   2.022   4.044
CBAR     0020414 0020414 222301  222201  0.0     0.0     1.0     1
PBAR     0020414 7075    2.371   1.712   1.712   3.424
CBAR     0020415 0020415 222201  222001  0.0     0.0     1.0     1
PBAR     0020415 7075    1.516   1.090   1.090   2.180
$
$        FORWARD SKID LANDING GEAR MOUNTING STRUCTURE / RIGHT SIDE
$                                209-030-302-004
$
MPC      1000    14823   1       1.0     15212   1       -1.0    +M11RFG
+M11RFG          15212   5       -5.63   15212   6       -3.50
MPC      1000    14823   2       1.0     15212   2       -1.0    +M21RFG
+M21RFG          15212   4        5.63   15212   6        3.95
MPC      1000    14823   3       1.0     15212   3       -1.0    +M31RFG
+M31RFG          15212   4        3.50   15212   5       -3.95
MPC      1000    15623   1       1.0     15212   1       -1.0    +M12RFG
+M12RFG          15212   5       -5.63   15212   6       -1.83
MPC      1000    15623   2       1.0     15212   2       -1.0    +M22RFG
+M22RFG          15212   4        5.63   15212   6       -3.96
MPC      1000    15623   3       1.0     15212   3       -1.0    +M32RFG
+M32RFG          15212   4        1.83   15212   5        3.96
MPC      1000    14803   1       1.0     15212   1       -1.0    +M13RFG
+M13RFG          15212   5        3.34   15212   6       -3.50
MPC      1000    14803   2       1.0     15212   2       -1.0    +M23RFG
+M23RFG          15212   4       -3.34   15212   6        3.95
MPC      1000    14803   3       1.0     15212   3       -1.0    +M33RFG
+M33RFG          15212   4        3.50   15212   5       -3.95
MPC      1000    15603   1       1.0     15212   1       -1.0    +M14RFG
+M14RFG          15212   5        3.34   15212   6       -3.50
MPC      1000    15603   2       1.0     15212   2       -1.0    +M24RFG
+M24RFG          15212   4       -3.34   15212   6       -3.96
MPC      1000    15603   3       1.0     15212   3       -1.0    +M34RFG
+M34RFG          15212   4        3.50   15212   5        3.96
MPC      1000    15212   1       1.0     215202  1       -1.0    RFG
```

```
MPC     1000    15212   2       1.0     215202  2       -1.0            RFG
MPC     1000    15212   3       1.0     215202  3       -1.0            RFG
$
$           FORWARD SKID LANDING GEAR MOUNTING STRUCTURE / LEFT SIDE
$                               209-030-302-003
$
MPC     1000    14827   1       1.0     15218   1       -1.0            +M11LFG
+M11LFG         15218   5       -5.63   15218   6        3.50
MPC     1000    14827   2       1.0     15218   2       -1.0            +M21LFG
+M21LFG         15218   4        5.63   15218   6        3.95
MPC     1000    14827   3       1.0     15218   3       -1.0            +M31LFG
+M31LFG         15218   4       -3.50   15218   5       -3.95
MPC     1000    15627   1       1.0     15218   1       -1.0            +M12LFG
+M12LFG         15218   5       -5.63   15218   6        1.83
MPC     1000    15627   2       1.0     15218   2       -1.0            +M22LFG
+M22LFG         15218   4        5.63   15218   6       -3.96
MPC     1000    15627   3       1.0     15218   3       -1.0            +M32LFG
+M32LFG         15218   4       -1.83   15218   5        3.96
MPC     1000    14807   1       1.0     15218   1       -1.0            +M13LFG
+M13LFG         15218   5        3.34   15218   6        3.50
MPC     1000    14807   2       1.0     15218   2       -1.0            +M23LFG
+M23LFG         15218   4       -3.34   15218   6        3.95
MPC     1000    14807   3       1.0     15218   3       -1.0            +M33LFG
+M33LFG         15218   4       -3.50   15218   5       -3.95
MPC     1000    15607   1       1.0     15218   1       -1.0            +M14LFG
+M14LFG         15218   5        3.34   15218   6        3.50
MPC     1000    15607   2       1.0     15218   2       -1.0            +M24LFG
+M24LFG         15218   4       -3.34   15218   6       -3.96
MPC     1000    15607   3       1.0     15218   3       -1.0            +M34LFG
+M34LFG         15218   4       -3.50   15218   5        3.96
MPC     1000    15218   1       1.0     215201  1       -1.0            LFG
MPC     1000    15218   2       1.0     215201  2       -1.0            LFG
MPC     1000    15218   3       1.0     215201  3       -1.0            LFG
$
$           AFT SKID LANDING GEAR MOUNTING STRUCTURE / RIGHT SIDE
$                               209-030-172-002
$
CTRMEM  1720021 1552014 21821   22312   21803
CTRMEM  1720022 1552014 21821   22312   22721
CTRMEM  1720023 1552014 22721   22312   22703
CTRMEM  1720024 1552014 21803   22312   22703
CTRMEM  1720025 1552014 21823   22312   21801
CTRMEM  1720026 1552014 21823   22312   22723
CTRMEM  1720027 1552014 22723   22312   22701
CTRMEM  1720028 1552014 21801   22312   22701
MPC     1000    22312   1       1.0     222302  1       -1.0
MPC     1000    22312   2       1.0     222302  2       -1.0
MPC     1000    22312   3       1.0     222302  3       -1.0
$
```

```
$              AFT SKID LANDING GEAR MOUNTING STRUCTURE / LEFT SIDE
$                          209-030-172-001
$
CTRMEM   1720011 1552014 21829   22318   21807
CTRMEM   1720012 1552014 21829   22318   22729
CTRMEM   1720013 1552014 22729   22318   22707
CTRMEM   1720014 1552014 21807   22318   22707
CTRMEM   1720015 1552014 21827   22318   21809
CTRMEM   1720016 1552014 21827   22318   22727
CTRMEM   1720017 1552014 22727   22318   22709
CTRMEM   1720018 1552014 21809   22318   22709
MPC      1000    22318   1       1.0     222301  1       -1.0
MPC      1000    22318   2       1.0     222301  2       -1.0
MPC      1000    22318   3       1.0     222301  3       -1.0
$
$                          ENGINE MOUNTS
$                  209-060-106/107/108/109
$
CONROD   109001  123467  123487  4130    0.0887
MPC      1000    123467  1       1.0     25069   1       -.798210        FEM F1
+FEM F1          25065   1       -.201790
MPC      1000    123467  2       1.0     25069   2       -1.0            FEM F2
+FEM F2          25069   1       .961728 25065   1       -.961728
MPC      1000    123467  3       1.0     25069   3       -.366152        FEM F3
+FEM F3          25065   3       -.201790 21369  3       -.432058
CONROD   1070012 125063  125383  4130    0.1261
MPC      1000    125063  1       1.0     25061   1       -.802963        REM 41
+REM 41          25065   1       -.197037
MPC      1000    125063  2       1.0     25061   2       -1.0
MPC      1000    125063  3       1.0     25061   3       -.802963        REM 43
+REM 43          25065   3       -.197037
CONROD   1060012 126863  125383  4130    0.1261
MPC      1000    126863  1       1.0     26861   1       -.675389        REM 51
+REM 51          26865   1       -.324611
MPC      1000    126863  2       1.0     26861   2       -1.0
MPC      1000    126[illegible]3  3       1.0     26861   3       -.675389        REM 53
+REM 53          268[illegible]  3       -.324611
CONROD   108001  125065  125387  4130    0.1261
MPC      1000    125065  1       1.0     25065   1       -.880432        LEM 31
+LEM 31          25069   1       -.119568
MPC      1000    125065  2       1.0     25065   2       -1.0
MPC      1000    125065  3       1.0     25065   3       -.880432        LEM 33
+LEM 33          25069   3       -.119568
CONROD   1070011 125067  125387  4130    0.1261
MPC      1000    125067  1       1.0     25069   1       -.802963        LEM 21
+LEM 21          25065   1       -.197037
MPC      1000    125067  2       1.0     25069   2       -1.0
MPC      1000    125067  3       1.0     25069   3       -1.0
CONROD   1060011 126867  125387  4130    0.1261
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MPC        1000     126867   1       1.0        26869    1       -.675389        LEM 11
+LEM 11             26865    1       -.324611
MPC        1000     126867   2       1.0        26869    2       -1.0
MPC        1000     126867   3       1.0        26869    3       -.675389        LEM 13
+LEM 13             26865    3       -.324611
$
$                                        ENGINE
$                                    209-060-005
$
MPC        1000     123487   1       1.0        124800   1       -1.0            ENG A1
+ENG A1             124800   5        4.25      124800   6       -9.49
MPC        1000     123487   2       1.0        124800   2       -1.0            ENG A2
+ENG A2             124800   6       13.931     124800   4       -4.25
MPC        1000     123487   3       1.0        124800   3       -1.0            ENG A3
+ENG A3             124800   4        9.49      124800   5       -13.931
MPC        1000     125383   1       1.0        124800   1       -1.0            ENG B1
+ENG B1             124800   5        5.562     124800   6        11.731
MPC        1000     125383   2       1.0        124800   2       -1.0            ENG B2
+ENG B2             124800   6       -5.326     124800   4       -5.562
MPC        1000     125383   3       1.0        124800   3       -1.0            ENG B3
+ENG B3             124800   4       -11.731    124800   5        5.326
MPC        1000     125387   1       1.0        124800   1       -1.0            ENG C1
+ENG C1             124800   5        5.562     124800   6       -11.731
MPC        1000     125387   2       1.0        124800   2       -1.0            ENG C2
+ENG C2             124800   6       -5.326     124800   4       -5.562
MPC        1000     125387   3       1.0        124800   3       -1.0            ENG C3
+ENG C3             124800   4       11.731     124800   5        5.326
MPC        1000     122400   1       1.0        124800   1       -1.0            FWDENG1
MPC        1000     122400   2       1.0        124800   2       -1.0            FWDENG2
+FWDENG2            124800   6       23.9
MPC        1000     122400   3       1.0        124800   3       -1.0            FWDENG3
+FWDENG3            124800   5       -23.9
MPC        1000     122400   4       1.0        124800   4       -1.0            FWDENG4
MPC        1000     122400   5       1.0        124800   5       -1.0            FWDENG5
MPC        1000     122400   6       1.0        124800   6       -1.0            FWDENG6
MPC        1000     127200   1       1.0        124800   1       -1.0            AFTENG1
MPC        1000     127200   2       1.0        124800   2       -1.0            AFTENG2
+AFTENG2            124800   6       -24.8
MPC        1000     127200   3       1.0        124800   3       -1.0            AFTENG3
+AFTENG3            124800   5       24.8
MPC        1000     127200   4       1.0        124800   4       -1.0            AFTENG4
MPC        1000     127200   5       1.0        124800   5       -1.0            AFTENG5
MPC        1000     127200   6       1.0        124800   6       -1.0            AFTENG6
$
$
$                                  MEMBRANE PROPERTIES
$
$
```

```
PQDMEM  0082024  2024  0.008
PQDMEM  0100076  2076  0.010
PQDMEM  0124024  2024  0.012
PQDMEM  0129075  7075  0.012
PQDMEM  0152014  2014  0.015
PQDMEM  0162024  2024  0.016
PQDMEM  0169046  9046  0.016
PQDMEM  0200076  2076  0.020
PQDMEM  0202024  2024  0.021
PQDMEM  0212075  7075  0.022
PQDMEM  0227024  2024  0.024
PQDMEM  0242024  2024  0.025
PQDMEM  0250057  2057  0.025
PQDMEM  0252024  2024  0.025
PQDMEM  0282024  2024  0.028
PQDMEM  0287075  7075  0.028
PQDMEM  0289046  9046  0.028
PQDMEM  0300076  2076  0.030
PQDMEM  0322014  2014  0.032
PQDMEM  0322024  2024  0.032
PQDMEM  0327075  7075  0.032
PQDMEM  0329046  9046  0.032
PQDMEM  0362024  2024  0.036
PQDMEM  0400075  7075  0.040
PQDMEM  0492024  2024  0.049
PQDMEM  0507075  7075  0.050
PQDMEM  0509046  9046  0.050
PQDMEM  0522024  2024  0.052
PQDMEM  0637075  7075  0.063
PQDMEM  0669046  9046  0.066
PQDMEM  0682024  2024  0.068
PQDMEM  0727075  7075  0.072
PQDMEM  0857075  7075  0.085
PQDMEM  0959046  9046  0.095
PQDMEM  1007075  7075  0.100
PQDMEM  1252014  2014  0.125
PQDMEM  2002014  2014  0.200
PQDMEM  4002014  2014  0.400
PTRMEM  0082024  2024  0.008
PTRMEM  0100076  2076  0.010
PTRMEM  0122024  2024  0.012
PTRMEM  0127075  7075  0.012
PTRMEM  0129046  9046  0.012
PTRMEM  0152014  2014  0.015
PTRMEM  0162024  2024  0.016
```

```
PTRMEM   0167075 7075     0.016
PTRMEM   0169046 9046     0.016
PTRMEM   0200076 0076     0.020
PTRMEM   0202024 2024     0.020
PTRMEM   0207075 7075     0.020
PTRMEM   0212024 2024     0.021
PTRMEM   0227075 7075     0.022
PTRMEM   0242024 2024     0.024
PTRMEM   025     2024     0.025
PTRMEM   0250057 0057     0.025
PTRMEM   0252024 2024     0.025
PTRMEM   0257075 7075     0.025
PTRMEM   0259046 9046     0.025
PTRMEM   0282024 2024     0.028
PTRMEM   0300076 0076     0.030
PTRMEM   032     2024     0.032
PTRMEM   0322014 2014     0.032
PTRMEM   0322024 2024     0.032
PTRMEM   0327075 7075     0.032
PTRMEM   0329046 9046     0.032
PTRMEM   0402024 2024     0.040
PTRMEM   0407075 7075     0.040
PTRMEM   0492024 2024     0.049
PTRMEM   0507075 7075     0.050
PTRMEM   0509046 9046     0.050
PTRMEM   0527075 7075     0.052
PTRMEM   0637075 7075     0.063
PTRMEM   0657075 7075     0.065
PTRMEM   0717075 7075     0.071
PTRMEM   0727075 7075     0.072
PTRMEM   0807075 7075     0.080
PTRMEM   0857075 7075     0.085
PTRMEM   0959046 9046     0.095
PTRMEM   1007075 7075     0.100
PTRMEM   1252014 2014     0.125
PTRMEM   150     2014     0.150
PTRMEM   1552014 2014     0.155
PTRMEM   18157   2014     0.18157
PTRMEM   2002014 2014     0.200
PTRMEM   4002014 2014     0.400
$
$
$                              SHEAR PANEL PROPERTIES
$
$
PSHEAR   0082024 2024     0.008
PSHEAR   0100076 0076     0.010
PSHEAR   0122024 2024     0.012
PSHEAR   0127075 7075     0.012
```

```
PSHEAR   0129046  9046     0.012
PSHEAR   0152014  2014     0.015
PSHEAR   0162024  2024     0.016
PSHEAR   0167075  7075     0.016
PSHEAR   0169046  9046     0.016
PSHEAR   0200076  0076     0.020
PSHEAR   0202024  2024     0.020
PSHEAR   0207075  7075     0.020
PSHEAR   0212024  2024     0.021
PSHEAR   0227075  7075     0.022
PSHEAR   0242024  2024     0.024
PSHEAR   0250057  0057     0.025
PSHEAR   0252024  2024     0.025
PSHEAR   0257075  7075     0.025
PSHEAR   0259046  9046     0.025
PSHEAR   0282024  2024     0.028
PSHEAR   0292024  2024     0.029
PSHEAR   0300076  0076     0.030
PSHEAR   0322024  2024     0.032
PSHEAR   0327075  7075     0.032
PSHEAR   0329046  9046     0.032
PSHEAR   0402024  2024     0.040
PSHEAR   0407075  7075     0.040
PSHEAR   0409046  9046     0.040
PSHEAR   0417075  7075     0.041
PSHEAR   0492024  2024     0.049
PSHEAR   0507075  7075     0.050
PSHEAR   0509046  9046     0.050
PSHEAR   0527075  7075     0.052
PSHEAR   063      7075     0.063
PSHEAR   06416    2014     0.06416
PSHEAR   0657075  7075     0.065
PSHEAR   0717075  7075     0.071
PSHEAR   07149    2014     0.07149
PSHEAR   0727075  7075     0.072
PSHEAR   07278    2014     0.07278
PSHEAR   07402    2014     0.07402
PSHEAR   07505    2014     0.07505
PSHEAR   0807075  7075     0.080
PSHEAR   0817075  7075     0.081
PSHEAR   100      2014     0.100
PSHEAR   1007075  7075     0.100
PSHEAR   11916    2014     0.11916
PSHEAR   12381    2014     0.12381
PSHEAR   125      2014     0.125
PSHEAR   1252014  2014     0.125
PSHEAR   12728    2014     0.12728
PSHEAR   12966    2014     0.12966
PSHEAR   150      2014     0.150
```

```
PSHEAR   17088    2014     0.17088
PSHEAR   17410    2014     0.17410
PSHEAR   17490    2014     0.17490
PSHEAR   17735    2014     0.17735
PSHEAR   18157    2014     0.18157
PSHEAR   200      2014     0.200
PSHEAR   2002014  2014     0.200
PSHEAR   400      2014     0.400
PSHEAR   4002014  2014     0.400
$
$
$                                  MATERIAL CARDS
$
$
MAT1     1          1.0+6    1.0+6
MAT1     10         1.0      1.0
MAT1     0057       3.2+6    0.8+6   0.32
MAT1     0076       3.2+6    0.8+6   0.32
MAT1     2014      10.5+6    4.0+6
MAT1     2024      10.5+6    4.0+6
MAT1     7075      10.3+6    3.9+6
MAT1     4130      29.0+6   11.0+6
MAT1     4340      29.0+6   11.0+6
MAT1     4620      29.0+6   11.0+6
MAT1     9046      17.5+6    6.5+6
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                                    END
$                              ELEMENT DATA
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
$
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                            MISCELLANEOUS CARDS
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
SUPORT   15625    1
SUPORT   18625    2
SUPORT   18641    3
SUPORT   21325    2
SUPORT   21341    3
SUPORT   21349    3
CORD1R    9373     9333     9373    11563
CORD1R    9377     9337     9377    11567
CORD2R    7071     0        70.79    15.72    61.84    68.86    15.72    71.84    C 7071
+C 7071   98.69     17.65    67.23
CORD2R    7079     0        70.79   -15.72    61.84    68.86   -15.72    71.84    C 7079
+C 7079   98.69    -17.65    67.23
```

```
CORD2R    8571      0          85.26     16.72     64.64     83.33     16.72     74.64     C 8571
+C 8571   98.69     17.65      67.23
CORD2R    8579      0          85.26    -16.72     64.64     83.33    -16.72     74.64     C 8579
+C 8579   98.69    -17.65      67.23
CORD2R   11571      0         114.04     17.65     70.19    112.11     17.65     80.19    C11571
+C11571  152.27     17.64      77.57
CORD2R   11579      0         114.04    -17.65     70.19    112.11    -17.65     80.19    C11579
+C11579  152.27    -17.64      77.57
CORD1R   13849     13837      13867     14867
CORD1R   13871     13861      13871     14881
CORD1R   13879     13869      13879     14889
CORD1R   15633     15623      15633     18621
CORD1R   15637     15627      15637     18629
CORD1R   29945     29925      29965     31745
EIGR     999       GIV        0.0       100.0     30        30                              EIGR
+EIGR    MAX
PARAM    WTMASS    .00259
PARAM    LMODES    30
PARAM    GRDPNT    0
$
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                          STATIC / DYNAMIC LOAD CARDS
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
ENDDATA
END*
SUBTITLE=HOG II WEIGHT CONFIGURATION - 9500 LB GROSS WEIGHT
$                    7.62MM MAMEE DRUM AND AMMO (3000 ROUNDS)
GRID     11700     0          117.50    -5.00     36.00     0                 456
GRID     17100     0          171.00     0.0      41.00     0                 456
GRID     23100     0          231.00     0.0      41.00     0                 456
$
$                              HOG II CONFIGURATION USEFUL LOADS
$                                        3740.1 LB
$
$
$                                          GUNNER CG
$
CONROD   0020081   7033     08300     2014      1.0
CONROD   0020082   7037     08300     2014      1.0
CONROD   0020083   9333     08300     2014      1.0
CONROD   0020084   9337     08300     2014      1.0
CONM2      908300    08300              200.000                                          HOG II
$
$                          40MM DRUM/PALLET AND GRENADES (250 ROUNDS)
$
CONROD   0150151   9313     11300     2014      1.0
CONROD   0150152   9317     11300     2014      1.0
```

```
CONROD   0150153 13803    11300    2014     1.0
CONROD   0150154 13807    11300    2014     1.0
CONM2      911300    11300             75.00                              HOG II
CONM2     1011300    11300            190.000                             HOG II
$
$                    7.62MM MAMEE DRUM AND AMMO (3000 ROUNDS)
$
CONROD   0150201  9313    11700    2014     1.0
CONROD   0150202  9317    11700    2014     1.0
CONROD   0150203 13803    11700    2014     1.0
CONROD   0150204 13807    11700    2014     1.0
CONM2     1011700    11700             63.300                             HOG II
CONM2     1111700    11700            195.000                             HOG II
$
$                                      PILOT CG
$
CONROD   0010091 14843    13500    2014     1.0
CONROD   0010092 14847    13500    2014     1.0
CONROD   0010093 14883    13500    2014     1.0
CONROD   0010094 14887    13500    2014     1.0
CONM2      913500    13500            200.000                             HOG II
$
$                                   FORWARD FUEL CG
$
CONROD   0031071 14823    17100    2014     1.0
CONROD   0031072 14827    17100    2014     1.0
CONROD   0031073 18621    17100    2014     1.0
CONROD   0031074 18629    17100    2014     1.0
CONM2      917100    17100            175.000                             HOG II
CONM2     1017100    17100              4.250                             HOG II
$
$                                     AFT FUEL CG
$
CONROD   0031081 21321    23100    2014     1.0
CONROD   0031082 21329    23100    2014     1.0
CONROD   0031083 25021    23100    2014     1.0
CONROD   0031084 25029    23100    2014     1.0
CONM2      923100    23100            236.000                             HOG II
CONM2     1023100    23100              4.250                             HOG II
$
$                                  TRANSMISSION OIL
$
CONM2     9200070   200070             26.100                             HOG II
$
$                                     ENGINE OIL
$
CONM2      124805   124800             26.700                             HOG II
CONM2      124806   124800              2.200                             HOG II
$
```

```
$                          42 AND 90 DEGREE GEAR BOX FLUIDS
$
CONM2      946445   46445          0.300                                    HOG II
CONM2      952045   52045          0.400                                    HOG II
$
$                              WING PYLONS AND STORES
$
$
$                                 RIGHT WING
$
CONM2      964229   64229         31.200
CONM2     1064229   64229        666.200   -10.08       0.0    -14.50       HOG II
CONM2      965929   65929         17.800                                    HOG II
CONM2     1065929   65929        468.600    -8.24       0.0    -10.45       HOG II
$
$                                 LEFT WING
$
CONM2      974229   74229         31.200
CONM2     1074229   74229        666.200   -10.08       0.0    -14.50       HOG II
CONM2      975929   75929         17.800                                    HOG II
CONM2     1075929   75929        468.600    -8.24       0.0    -10.45       HOG II
```

8.2 NORMAL MODES OUTPUT - RIGHT FORMAT 3

8.2.1 NASTRAN Output



INSTRAN EXECUTIVE CONTROL DECK ECHO

ECHO OF FIRST CARD IN CHECKPOINT DICTIONARY TO BE PUNCHED OUT FOR THIS PROBLEM

RESTART VLBERRY,GROUP30, 7729/74, 58322.

NATURAL FREQUENCIES AND MODE SHAPES

CASE CONTROL DECK ECHO

```
CARD
COUNT
    1       TITLE=AH-1G THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3
    2       SUBTITLE=BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT
    3       LABEL=NATURAL FREQUENCIES AND MODE SHAPES
    4       MAXLINES=100000
    5       ECHO=BOTH
    6       METHOD=999
    7       SPC=1000
    8       OUTPUT
    9           DISPLACEMENT=ALL
   10           SPCFORCES=ALL
   11       BEGIN BULK
```

NATIONAL AERONAUTICS AND SPACE

INPUT FILE DATA DECK ECHO

```
$ . . 1 . . 2 . . 3 . . 4 . . 5 . . 6 . . 7 . . 8 . . 9 . . 10 .
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                          GRID POINT DATA
$                              BEGIN
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
$
$                          NOSE SUBASSEMBLY
$                              * * *
$
$                        STA  33.00 BULKHEAD
$                          209-030-583-057
$
GRID       3331    0        33.00    4.90   49.60  0          456
GRID       3339    0        33.00   -4.90   49.60  0          456
GRID       3341    0        33.00    6.95   56.85  0          456
GRID       3349    0        33.00   -6.95   56.85  0          456
$
$                        STA  46.00 BULKHEAD
$                          209-030-582-053
$
GRID       4631    0        46.00   11.46   49.60  0          456
GRID       4633    0        46.00    9.07   46.00  0          456
GRID       4637    0        46.00   -9.07   46.00  0          456
GRID       4639    0        46.00  -11.46   49.60  0          456
GRID       4641    0        46.00   12.34   57.00  0          456
GRID       4649    0        46.00  -12.34   57.00  0          456
GRID       4661    0        46.00    9.70   65.00  0          456
GRID       4669    0        46.00   -9.70   65.00  0          456
$
$                      FORWARD FUSELAGE SUBASSEMBLY
$                              * * *
$
$                        STA  61.25 BULKHEAD
$                          209-030-101-001
$                          209-030-510-007
$
GRID       6123    0        61.25   10.00   40.91  0          456
GRID       6127    0        61.25  -10.00   40.91  0          456
GRID       6131    0        61.25   13.82   46.00  0          456
GRID       6133    0        61.25   10.00   46.00  0          456
GRID       6137    0        61.25  -10.00   46.00  0          456
GRID       6139    0        61.25  -13.82   46.00  0          456
GRID       6141    0        61.25   14.54   54.16  0          456
GRID       6143    0        61.25   10.00   54.16  0          456
GRID       6147    0        61.25  -10.00   54.16  0          456
GRID       6149    0        61.25  -14.54   54.16  0          456
GRID       6161    0        61.25   15.06   60.00  0          456
GRID       6163    0        61.25   10.00   60.00  0          456
GRID       6167    0        61.25  -10.00   60.00  0          456
GRID       6169    0        61.25  -15.06   60.00  0          456
GRID       6171    0        53.95   10.00   69.42  0          456
GRID       6179    0        53.95  -10.00   69.42  0          456
$
$                        STA  70.79 PSEUDO-BULKHEAD
$                      FORWARD TURRET ATTACH POINTS
$
```

```
GRID     7031    0        73.79    13.34    46.00   0          3456
GRID     7033    0        73.79    13.33    46.33   0           456
GRID     7037    0        73.79   -13.33    46.33   0           456
GRID     7039    0        73.79   -13.34    46.00   0          3456
GRID     7041    0        73.79    13.33    54.38   0          2456
GRID     7047    0        73.79   -13.33    54.38   0          2456
GRID     7061    0        73.79    13.33    60.38   0           456
GRID     7063    0        73.79    13.33    60.38   0           456
GRID     7067    0        73.79   -13.33    60.38   0           456
GRID     7069    0        73.79   -13.33    60.38   0           456
GRID     7071    0        73.79    15.72    61.84    7071      2456
GRID     7079    0        73.79   -15.72    61.84    7079      2456
$
$                          XM-28 ARMAMENT SUBSYSTEM
$                                 71F000
$
GRID     7505    0        75.50     3.0     29.00   0         0
$
$                          STA  85.26 PSE000-BULKHEAD
$                          AFT TURRET ATTACH POINTS
$
GRID     8531    0        85.26    16.90    46.00   0          3456
GRID     8533    0        85.26    13.30    46.00   0           456
GRID     8537    0        85.26   -13.30    46.00   0           456
GRID     8539    0        85.26   -16.90    46.00   0          3456
GRID     8543    0        85.26    13.33    54.72   0          2456
GRID     8547    0        85.26   -13.33    54.72   0          2456
GRID     8561    0        85.26    16.92    60.96   0           456
GRID     8563    0        85.26    13.30    60.96   0           456
GRID     8567    0        85.26   -13.33    60.96   0           456
GRID     8569    0        85.26   -16.92    60.96   0           456
GRID     8571    0        85.26    15.72    64.64    8571      2456
GRID     8579    0        85.26   -15.72    64.64    8579      2456
$
$                          STA  93.00 BULKHEAD
$                          209-030-102-323
$
GRID     9303    0        93.00    16.00    21.77   0           456
GRID     9307    0        93.00   -16.00    21.77   0           456
GRID     9313    0        93.00    13.00    27.00   0           456
GRID     9317    0        93.00   -13.00    27.00   0           456
GRID     9331    0        93.00    17.89    46.00   0           456
GRID     9333    0        93.00    13.00    46.00   0           456
GRID     9337    0        93.00   -13.00    46.00   0           456
GRID     9339    0        93.00   -17.89    46.00   0           456
GRID     9341    0        95.41    17.99    55.00    9373      1456
GRID     9343    0        95.41    13.00    55.00   0           456
GRID     9347    0        95.41   -13.00    55.00   0           456
GRID     9349    0        95.41   -17.99    55.00    9377      1456
GRID     9361    0        97.14    17.84    61.44   0           456
GRID     9363    0        97.14    13.00    61.44   0           456
GRID     9367    0        97.14   -13.00    61.44   0           456
GRID     9369    0        97.14   -17.84    61.44   0           456
GRID     9371    0        98.69    17.65    67.23   0           456
GRID     9373    0        98.69    13.00    67.23    9373      1456
GRID     9377    0        98.69   -13.00    67.23    9377      1456
GRID     9379    0        98.69   -17.65    67.23   0           456
$
$                          STA 115.58 PSE000-BULKHEAD
$          FUNCTIONAL DATA - E INST. PANEL / MAIN BEAM REF PLANE INTERSECT
$
GRID    11534    0       115.58    13.33    27.00   0          3456
GRID    11537    0       115.58   -13.33    27.00   0          3456
GRID    11541    0       115.58    17.41    46.33   0          3456
GRID    11544    0       115.58    13.33    46.33   0           456
GRID    11547    0       115.58   -13.33    46.33   0           456
```

GRID	11537	0	114.04	-17.41	46.00	0	3456
GRID	11543	0	114.04	10.00	55.00	0	456
GRID	11547	0	114.04	-10.00	55.00	0	456
GRID	11561	0	114.04	17.41	62.172	0	456
GRID	11563	0	114.04	10.00	62.172	0	456
GRID	11567	0	114.04	-10.00	62.172	0	456
GRID	11569	0	114.04	-17.41	62.172	0	456
GRID	11571	0	114.04	17.65	70.19	11571	2456
GRID	11579	0	114.04	-17.65	70.19	11579	2456
$							
$			STA 138.70 BULKHEAD				
$			209-030-103-159				
$							
GRID	13801	0	138.70	15.81	28.00	0	456
GRID	13803	0	138.70	10.00	27.00	0	456
GRID	13807	0	138.70	-10.00	27.00	0	456
GRID	13809	0	138.70	-15.81	28.00	0	456
GRID	13821	0	138.70	17.68	35.97	0	456
GRID	13823	0	138.70	10.00	35.97	0	456
GRID	13827	0	138.70	-10.00	35.97	0	456
GRID	13829	0	138.70	-17.68	35.97	0	456
GRID	13831	0	138.70	17.94	46.00	0	456
GRID	13833	0	138.70	10.00	46.00	0	456
GRID	13837	0	138.70	-10.00	46.00	0	456
GRID	13839	0	138.70	-17.94	46.00	0	456
GRID	13841	0	138.70	17.99	55.00	0	1456
GRID	13843	0	138.70	10.00	55.00	0	456
GRID	13847	0	138.70	-10.00	55.00	0	456
GRID	13848	0	135.29	-10.00	55.00	0	456
GRID	13849	0	135.29	-17.99	55.00	13849	1456
GRID	13861	0	138.70	18.00	63.09	0	456
GRID	13863	0	138.70	10.00	63.09	0	456
GRID	13867	0	132.25	-10.00	62.84	0	456
GRID	13869	0	132.25	-18.00	62.84	0	456
GRID	13871	0	138.70	17.64	74.95	13871	2456
GRID	13879	0	128.37	-17.64	72.96	13879	2456
$							
$			CENTER FUSELAGE SUBASSEMBLY				
$			• • •				
$							
$			STA 148.50 BULKHEAD				
$			209-030-104-011				
$							
GRID	14801	0	148.50	15.81	28.00	0	456
GRID	14803	0	148.50	10.00	27.00	0	456
GRID	14807	0	148.50	-10.00	27.00	0	456
GRID	14809	0	148.50	-15.81	28.00	0	456
GRID	14821	0	148.50	17.67	35.97	0	456
GRID	14823	0	148.50	10.00	35.97	0	456
GRID	14827	0	148.50	-10.00	35.97	0	456
GRID	14829	0	148.50	-17.67	35.97	0	456
GRID	14831	0	148.50	17.94	46.00	0	456
GRID	14833	0	148.50	10.00	46.00	0	456
GRID	14837	0	148.50	-10.00	46.00	0	456
GRID	14839	0	148.50	-17.94	46.00	0	456
GRID	14841	0	148.50	17.99	55.00	0	1456
GRID	14843	0	148.50	10.00	55.00	0	456
GRID	14847	0	148.50	-10.00	55.00	0	456
GRID	14849	0	148.50	-17.99	55.00	0	1456
GRID	14861	0	148.50	17.99	63.49	0	456
GRID	14863	0	148.50	10.00	63.49	0	456
GRID	14867	0	148.50	-10.00	63.49	0	456
GRID	14869	0	148.50	-17.99	63.49	0	456
GRID	14881	0	152.27	17.64	77.57	0	456
GRID	14883	0	152.27	10.00	77.57	0	456
GRID	14887	0	152.27	-10.00	77.57	0	456

```
GRID     13004    0       152.27   -17.64    77.57  0                456
$
$                    FORWARD GRID GEAR ATTACH POINT / RIGHT SIDE
$
GRID     13611    0       152.27   -11.50    60.34  0
$
$                    FORWARD GRID GEAR ATTACH POINT / LEFT SIDE
$
GRID     13615    0       152.27   -11.50    60.34  0        0
$
$                                 STA 156.41 BULKHEAD
$                                 203-030-105-001
$
GRID     13601    0       156.41    18.34    29.00  0                456
GRID     13603    0       156.41    13.00    27.00  0                456
GRID     13607    0       156.41   -13.00    27.00  0                456
GRID     13609    0       156.41   -18.34    29.00  0                456
GRID     13621    0       156.41    17.64    35.97  0                456
GRID     13623    0       156.41    11.55    35.97  0                456
GRID     13625    0       156.41     0.0     37.97  0                456
GRID     13627    0       156.41   -11.55    35.97  0                456
GRID     13629    0       156.41   -17.64    35.97  0                456
GRID     13633    0       156.41    11.55    46.00  13633         2456
GRID     13637    0       156.41   -11.55    46.00  13637         2456
$
$                                 STA 164.00 BULKHEAD
$                                 203-030-106-027
$
GRID     16481    0       164.00    17.64    77.57  0                456
GRID     16483    0       164.00    12.375   77.57  0               3456
GRID     16485    0       164.00     0.0     77.57  0               3456
GRID     16487    0       164.00   -12.375   77.57  0               3456
GRID     16489    0       164.00   -17.64    77.57  0                456
$
$                                 STA 186.25 BULKHEAD
$                                 203-030-107-004
$                    FORWARD WING CARRY-THRU SPAR
$                                 203-030-140
$
GRID     14601    0       186.25    18.61    29.00  0                456
GRID     14603    0       186.25     9.31    27.00  0                456
GRID     14607    0       186.25    -9.31    27.00  0                456
GRID     14609    0       186.25   -18.61    29.00  0                456
GRID     14621    0       186.25    17.49    35.97  0                456
GRID     14623    0       186.25    11.33    35.97  0                456
GRID     14625    0       186.25     0.0     35.97  0                456
GRID     14627    0       186.25   -11.33    35.97  0                456
GRID     14629    0       186.25   -17.49    35.97  0                456
GRID     14631    0       186.25    17.75    46.00  0                456
GRID     14633    0       186.25    11.33    46.00  0               1456
GRID     14635    0       186.25     0.0     46.00  0               1456
GRID     14637    0       186.25   -11.33    46.00  0               1456
GRID     14639    0       186.25   -17.75    46.00  0                456
GRID     18641    0       186.250  17.650    56.20  0        0
GRID     18642    0       186.250  15.550    56.20  0        0
GRID     18643    0       186.250  12.375    56.20  0        4
GRID     18644    0       186.250   5.740    56.20  0               45
GRID     18645    0       186.25     0.0     56.20  0               45
GRID     18646    0       186.250  -5.740    56.20  0               45
GRID     18647    0       186.250 -12.375    56.20  0                4
GRID     18648    0       186.250 -15.550    56.20  0        0
GRID     18649    0       186.250 -17.650    56.20  0        0
GRID     18651    0       186.250  17.650    58.39  0        0
GRID     18652    0       186.250  15.550    58.39  0        0
GRID     18653    0       186.250 -15.550    58.39  0        0
GRID     18654    0       186.250 -17.650    58.39  0        0
```

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GRID    18666   0       186.25  -17.65  77.57   0               456
GRID    18667   0       186.25  -12.375 77.57   0       0
GRID    18668   0       186.25  -10.090 65.60   0       0
GRID    18669   0       186.25  -17.650 65.60   0       0
GRID    18681   0       186.25   17.65  77.57   0               456
GRID    18683   0       186.25   12.375 77.57   0       0
GRID    18685   0       186.25    0.0   77.57   0               456
GRID    18687   0       186.25  -12.375 77.57   0       0
GRID    18689   0       186.25  -17.65  77.57   0               456
$
$                       STA 189.94 PSEJOO-BULKHEAD
$                  CENTERLINE OF FWD MAIN ROTOR PYLON MOUNTS
$
GRID    18983   0       189.94   12.375 77.57   0               4
GRID    18987   0       189.94  -12.375 77.57   0               4
$
$                       CENTER WING CARRY-THRU SPAR
$                            209-030-141
$
GRID    19741   0       196.90   17.730 55.390  0       0
GRID    19742   0       196.90   10.090 54.75   0       0
GRID    19743   0       196.90    7.920 54.75   0               4
GRID    19745   0       196.90    0.0   54.75   0               45
GRID    19747   0       196.90   -7.920 54.75   0               4
GRID    19748   0       196.90  -10.090 54.75   0       0
GRID    19749   0       196.90  -17.730 55.390  0       0
GRID    19751   0       196.90   17.730 62.160  0       0
GRID    19752   0       196.90   10.090 62.16   0       0
GRID    19758   0       196.90  -10.090 62.16   0       0
GRID    19759   0       196.90  -17.730 62.160  0       0
GRID    19761   0       196.90   17.730 64.63   0       0
GRID    19762   0       196.90   10.090 64.63   0       0
GRID    19763   0       196.90    7.920 64.63   0               4
GRID    19765   0       196.90    0.0   64.63   0               45
GRID    19767   0       196.90   -7.920 64.63   0               4
GRID    19768   0       196.90  -10.090 64.63   0       0
GRID    19769   0       196.90  -17.730 64.63   0       0
$
$                       STA 211.72 PSEJOO-BULKHEAD
$                  CENTERLINE OF AFT MAIN ROTOR PYLON MOUNTS
$
GRID    21183   0       211.72   12.375 77.57   0               4
GRID    21187   0       211.72  -12.375 77.57   0               4
$
$                       AFT FUSELAGE SUBASSEMBLY
$                               * * *
$
$                       STA 213.94 BULKHEAD
$                            209-030 ,08-007
$                       AFT WING CARRY-THRU SPAR
$                            209-030-142
$
GRID    21321   0       213.94   16.86  35.97   0               456
GRID    21323   0       213.94   10.00  35.97   0               456
GRID    21325   0       213.94    0.0   35.97                   456
GRID    21327   0       213.94  -10.00  35.97   0               456
GRID    21329   0       213.94  -16.86  35.97   0               456
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GRID    21481    0        213.94    17.500    54.75    0          1
GRID    21483    0        213.94    12.375    54.75    0          4
GRID    21485    0        213.94     0.000    54.75    0          4
GRID    21487    0        213.94   -12.375    54.75    0          4
GRID    21489    0        213.94   -17.500    54.75    0          1
GRID    21801    0        213.94    17.75     65.00    0        456
GRID    21803    0        213.94    12.375    65.00    0          6
GRID    21804    0        213.94     0.0      65.00    0        456
GRID    21805    0        213.94    -0.55     65.00    0        456
GRID    21807    0        213.94   -12.375    65.00    0          6
GRID    21809    0        213.94   -17.75     65.00    0        456
GRID    21483    0        213.94    12.375    77.57    0          0
GRID    21487    0        213.94   -12.375    77.57    0          0
$
$                    CENTERLINE OF AFT PYLON MOUNT CROSS BEAM
$                              209-081-344-021
$
GRID    21485    0        214.50     0.0      77.57    0        155
$
$                                 STA 214.97 BULKHEAD
$                                209-080-109-005
$
GRID    21801    0        214.97    13.93     29.00    0        456
GRID    21803    0        214.97     8.62     27.00    0        456
GRID    21807    0        214.97    -8.62     27.00    0        456
GRID    21809    0        214.97   -13.93     29.00    0        456
GRID    21821    0        214.97    16.72     35.97    0        456
GRID    21823    0        214.97    10.00     35.97    0        456
GRID    21825    0        214.97     0.0      35.97    0        456
GRID    21827    0        214.97   -10.00     35.97    0        456
GRID    21829    0        214.97   -16.72     35.97    0        456
$
$                    AFT SKID GEAR ATTACH POINT / RIGHT SIDE
$
GRID    22812    0        223.29    13.50     31.00    0        456
$
$                    AFT SKID GEAR ATTACH POINT / LEFT SIDE
$
GRID    22818    0        223.29   -13.50     31.00    0        456
$
$                                 STA 227.62 BULKHEAD
$                                209-080-110-005
$
GRID    22701    0        227.62    13.42     29.00    0        456
GRID    22703    0        227.62     7.86     27.00    0        456
GRID    22707    0        227.62    -7.86     27.00    0        456
GRID    22709    0        227.62   -13.42     29.00    0        456
GRID    22721    0        227.62    16.43     35.97    0        456
GRID    22723    0        227.62    10.00     35.97    0        456
GRID    22725    0        227.62     0.0      35.97    0        456
GRID    22727    0        227.62   -10.00     35.97    0        456
GRID    22729    0        227.62   -16.43     35.97    0        456
$
$                                 STA 250.00 BULKHEAD
$                                209-080-111-107
$
GRID    25001    0        250.00    11.63     29.00    0        456
GRID    25003    0        250.00     7.84     27.00    0        456
GRID    25007    0        250.00    -7.84     27.00    0        456
GRID    25009    0        250.00   -11.63     29.00    0        456
GRID    25021    0        250.00    15.52     35.97    0        456
GRID    25023    0        250.00     0.0      35.97    0        456
GRID    25029    0        250.00   -15.52     35.97    0        456
GRID    25041    0        250.00    15.20     41.54    0        457
GRID    25045    0        250.00     0.00     41.54    0       1456
GRID    25049    0        250.00   -15.20     41.54    0        457
```

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$
$                                  STA 268.25 BULKHEAD
$                                      34-030-112-001
$
GRID    26401   0       268.25    7.49    28.38   0           456
GRID    26409   0       268.25   -7.21    28.38   0           456
GRID    26421   0       268.25   14.56    35.47   0           456
GRID    26425   0       268.25    0.0     35.47   0           456
GRID    26429   0       268.25  -14.55    35.47   0           456
GRID    26441   0       268.25   14.54    51.49   0           456
GRID    26445   0       268.25    0.00    51.49   0          1456
GRID    26449   0       268.25  -14.69    51.49   0           456
GRID    26861   0       268.25   14.74    63.54   0           456
GRID    26865   0       268.25    0.00    63.54   0           456
GRID    26869   0       268.25  -14.74    63.54   0           456
$
$                                  TAILBOOM JUNCTION BULKHEAD
$                                      209-030-113-001
$
GRID    29905   0       300.63    0.0     31.67   0           456
GRID    29921   0       300.37   11.92    35.97   0           456
GRID    29925   0       300.37    0.0     35.97   0           456
GRID    29929   0       300.37  -11.92    35.97   0           456
GRID    29941   0       299.53   14.29    49.38   0           456
GRID    29945   0       299.53    0.0     49.38   29945      1456
GRID    29949   0       299.53  -14.29    49.38   0           456
GRID    29961   0       298.70   12.29    62.80   0           456
GRID    29965   0       298.70    0.0     62.80   0           456
GRID    29969   0       298.70  -12.29    62.80   0           456
$
$                                  BS  41.32 BULKHEAD
$
GRID    30045   0       299.570   0.0     49.590  0           0
$
$                                  BS  59.50 BULKHEAD
$
GRID    31745   0       317.715   0.0     50.717  0           0
$
$                                  BS  80.44 BULKHEAD
$
GRID    33845   0       336.614   0.0     52.015  0           0
$
$                                  BS 101.38 BULKHEAD
$
GRID    35945   0       359.514   0.0     53.313  0           0
$
$                                  BS 122.33 BULKHEAD
$
GRID    38045   0       380.424   0.1     54.611  0           0
$
$                                  BS 143.28 BULKHEAD
$
GRID    40145   0       401.333   0.0     55.910  0           0
$
$                                  BS 164.23 BULKHEAD
$
GRID    42245   0       422.243   0.0     57.209  0           0
$
$                                  BS 185.18 BULKHEAD
$
GRID    44345   0       443.153   0.0     58.508  0           0
$
$                                  BS 194.30 BULKHEAD
```

```
$
GRID     49345    0       482.255    0.0     54.573  0       0
$
$                                  FS 206.17 BULKHEAD
$
GRID     49445    0       484.122    0.0     74.033  0       0
$
$                                  FS  94.06 BULKHEAD
$
GRID     49545    0       480.23     0.0     75.40   0       0
$
$                                  FS  46.45 BULKHEAD
$
GRID     49645    0       488.93     0.0     83.92   0       0
$
$                                  FS  34.56 BULKHEAD
$
GRID     49745    0       497.77     0.0     92.37   0       0
$
$                                  FS  22.37 BULKHEAD
$
GRID     49845    0       506.60     0.0     100.91  0       0
$
$                                  FS  10.38 BULKHEAD
$
GRID     49945    0       515.43     0.0     109.46  0       0
$
$                                  FS  0.00 BULKHEAD
$
GRID     50045    0       523.67     0.0     116.27  0       0
$
$                                  ELEVATOR
$                                  209-020-800
$
GRID     40141    0       401.33    31.25    55.913  0       0
GRID     40142    0       401.33    23.87    55.913  0       0
GRID     40143    0       401.33     9.68    55.913  0       0
GRID     40147    0       401.33    -9.68    55.913  0       0
GRID     40148    0       401.33   -23.87    55.913  0       0
GRID     40149    0       401.33   -31.25    55.913  0       0
$
$                                  WING / RIGHT SIDE
$                                  209-020-001
$
$
$                                  FS  19.19 RIB
$
GRID     61912    0       186.25    19.19    65.60   0       0
GRID     61913    0       186.25    19.19    64.31   0       0
GRID     61914    0       186.25    19.19    63.12   0       0
GRID     61916    0       186.25    19.19    58.39   0       0
GRID     61917    0       186.25    19.19    57.39   0       0
GRID     61918    0       186.25    19.19    56.20   0       0
GRID     61922    0       196.90    19.19    63.04   0       0
GRID     61923    0       196.90    19.19    62.15   0       0
GRID     61924    0       196.90    19.19    61.35   0       0
GRID     61926    0       196.90    19.19    56.07   0       0
GRID     61927    0       196.90    19.19    55.39   0       0
GRID     61928    0       196.90    19.19    54.37   0       0
GRID     61934    0       213.94    19.19    55.42   0       0
GRID     61935    0       213.94    19.19    54.78   0       0
GRID     61936    0       213.94    19.19    54.08   0       0
$
$                                  FS  22.19 RIB
$
GRID     62011    0       196.91    22.19    56.35   0                  436
```

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GRID    62813   0       146.93  22.19   64.31   0       0
GRID    62817   0       146.93  22.19   57.39   0       0
GRID    62819   0       146.93  22.19   56.00   0               456
GRID    62821   0       197.44  22.19   63.95   0       0
GRID    62829   0       197.44  22.19   61.35   0       0
GRID    62825   0       197.44  22.19   56.07   0       0
GRID    62829   0       197.44  22.19   54.15   0       0
GRID    62831   0       213.94  22.19   56.35   0       0
GRID    62839   0       213.94  22.19   54.08   0       0
$
$                               WS  24.00 RIB
$
GRID    62811   0       188.25  24.00   66.05   0               456
GRID    62819   0       188.25  24.00   56.74   0               456
GRID    62821   0       198.48  24.00   63.95   0               456
GRID    62829   0       198.48  24.00   54.79   0               456
GRID    62831   0       213.94  24.00   56.91   0               456
GRID    62839   0       213.94  24.00   54.71   0               456
$
$                               WS  34.00 RIB
$
GRID    63411   0       189.62  34.00   66.05   0               456
GRID    63419   0       189.62  34.00   57.49   0               456
GRID    63421   0       199.56  34.00   63.95   0               456
GRID    63429   0       199.56  34.00   55.50   0               456
GRID    63431   0       213.94  34.00   57.49   0               456
GRID    63439   0       213.94  34.00   55.36   0               456
$
$                               WS  42.50 RIB
$
GRID    64211   0       191.55  42.50   66.05   0               456
GRID    64219   0       191.55  42.50   58.56   0               456
GRID    64221   0       201.08  42.50   63.95   0               456
GRID    64229   0       201.08  42.50   56.50   0       0
GRID    64231   0       213.94  42.50   58.31   0               456
GRID    64239   0       213.94  42.50   56.28   0               456
$
$                               WS  50.75 RIB
$
GRID    65011   0       193.42  50.75   66.05   0               456
GRID    65019   0       193.42  50.75   59.60   0               456
GRID    65021   0       202.56  50.75   63.95   0               456
GRID    65029   0       202.56  50.75   57.48   0               456
GRID    65031   0       213.94  50.75   59.11   0               456
GRID    65039   0       213.94  50.75   57.17   0               456
$
$                               WS  59.00 RIB
$
GRID    65911   0       195.30  59.00   66.05   0               456
GRID    65919   0       195.30  59.00   60.64   0               456
GRID    65921   0       204.04  59.00   63.95   0               456
GRID    65929   0       204.04  59.00   58.45   0       0
GRID    65931   0       213.94  59.00   59.91   0               456
GRID    65939   0       213.94  59.00   58.06   0               456
$
$                       WING / LEFT SIDE
$                         209-020-001
$
$
$                               WS -19.19 RIB
$
GRID    71912   0       186.25  -19.19  65.60   0       0
GRID    71913   0       186.25  -19.19  64.31   0       0
GRID    71914   0       186.25  -19.19  63.12   0       0
GRID    71916   0       186.25  -19.19  58.39   0       0
GRID    71917   0       186.25  -19.19  57.39   0       0
```

```
GRID     71914    0       186.25   -19.19    56.20   0       0
GRID     71922    0       196.90   -19.19    63.04   0       0
GRID     71923    0       196.90   -19.19    62.16   0       0
GRID     71924    0       196.90   -19.19    61.35   0       0
GRID     71926    0       196.90   -19.19    56.07   0       0
GRID     71927    0       196.90   -19.19    55.39   0       0
GRID     71928    0       196.90   -19.19    54.37   0       0
GRID     71934    0       213.94   -19.19    55.42   0       0
GRID     71935    0       213.94   -19.19    54.78   0       0
GRID     71936    0       213.94   -19.19    54.08   0       0
$
$                                  WS -22.19 RIB
$
GRID     72211    0       186.93   -22.19    66.05   0               456
GRID     72213    0       186.93   -22.19    64.31   0       0
GRID     72217    0       186.93   -22.19    57.39   0       0
GRID     72219    0       186.93   -22.19    56.00   0               456
GRID     72221    0       197.44   -22.19    63.95   0       0
GRID     72224    0       197.44   -22.19    61.35   0       0
GRID     72226    0       197.44   -22.19    56.07   0       0
GRID     72229    0       197.44   -22.19    54.10   0       0
GRID     72231    0       213.94   -22.19    56.35   0       0
GRID     72239    0       213.94   -22.19    54.08   0       0
$
$                                  WS -28.00 RIB
$
GRID     72811    0       188.25   -28.00    66.05   0               456
GRID     72814    0       188.25   -28.00    56.73   0               456
GRID     72821    0       196.48   -28.00    63.95   0               456
GRID     72829    0       196.48   -28.00    54.79   0               456
GRID     72831    0       213.94   -28.00    56.41   0               456
GRID     72839    0       213.94   -28.00    54.71   0               456
$
$                                  WS -34.00 RIB
$
GRID     73411    0       189.62   -34.00    66.05   0               456
GRID     73419    0       189.62   -34.00    57.49   0               456
GRID     73421    0       199.56   -34.00    63.95   0               456
GRID     73429    0       199.56   -34.00    55.50   0               456
GRID     73431    0       213.94   -34.00    57.49   0               456
GRID     73439    0       213.94   -34.00    55.36   0               456
$
$                                  WS -42.50 RIB
$
GRID     74211    0       191.55   -42.50    66.05   0               456
GRID     74219    0       191.55   -42.50    58.56   0               456
GRID     74221    0       201.08   -42.50    63.95   0               456
GRID     74229    0       201.08   -42.50    56.50   0       0
GRID     74231    0       213.94   -42.50    56.31   0               456
GRID     74239    0       213.94   -42.50    56.28   0               456
$
$                                  WS -50.75 RIB
$
GRID     75011    0       193.42   -50.75    66.05   0               456
GRID     75019    0       193.42   -50.75    59.60   0               456
GRID     75021    0       202.56   -50.75    63.95   0               456
GRID     75029    0       202.56   -50.75    57.48   0               456
GRID     75031    0       213.94   -50.75    59.11   0               456
GRID     75039    0       213.94   -50.75    57.17   0               456
$
$                                  WS -59.00 RIB
$
GRID     75811    0       195.30   -59.00    66.05   0               456
GRID     75819    0       195.30   -59.00    61.64   0               456
GRID     75821    0       204.34   -59.00    63.95   0               456
GRID     75829    0       204.34   -59.00    58.43   0       0
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GRID    [illegible]   0        213.94   [illegible]   [illegible]   0        0
GRID    [illegible]   0        213.94   -54.00        [illegible]   0        0
$
$                                    MAIN ROTOR MAST
$                                       204-011-[illegible]
$
GRID    [illegible]   0        200.00   0.0           [illegible]   0        0
$                                 MAIN ROTOR TRANSMISSION
$                                       204-040-[illegible]
$
$
GRID    200078        0        200.00   0.0           77.57         0        0
GRID    200079        0        200.00   0.0           79.25         0        0
GRID    200086        0        200.00   0.0           86.25         0        0
GRID    200087        0        200.00   0.0           85.25         0        0
GRID    200095        0        200.00   0.0           95.00         0        0
GRID    200096        0        200.00   0.0           95.00         0        0
GRID    200101        0        200.00   0.0           100.675       0        0
GRID    200106        0        200.00   0.0           106.00        0        0
GRID    200114        0        200.00   0.0           114.00        0        0
GRID    200121        0        200.00   0.0           121.00        0        0
GRID    200129        0        200.00   0.0           129.00        0        0
GRID    200137        0        200.00   0.0           137.00        0        0
GRID    200145        0        200.00   0.0           145.00        0        0
GRID    200153        0        200.00   0.0           152.76        0        0
GRID    200155        0        200.00   0.0           154.97        0        0
$
$                  MAIN ROTOR TRANSMISSION CASE SUPPORT ASSEMBLY
$                                 204-040-354-003
$
GRID    189073        0        189.94   12.375        77.57         0        0
GRID    189077        0        189.94   -12.375       77.57         0        0
GRID    211073        0        211.72   12.375        77.57         0        0
GRID    211077        0        211.72   -12.375       77.57         0        0
GRID    214075        0        214.50   0.0           77.57         0        0
$
$                                    TAIL ROTOR MAST
$                                       204-040-402
$                                  TAIL ROTOR GEARBOX
$                                       204-040-012
$
GRID    520018        0        520.67   1.80          118.27        0        0
GRID    520024        0        520.67   2.42          118.27        0        0
GRID    520057        0        520.67   5.59          118.27        0        0
GRID    520065        0        520.67   6.45          118.27        0        0
GRID    520068        0        520.67   6.82          118.27        0        0
GRID    520079        0        520.67   7.90          118.27        0        0
GRID    520135        0        520.67   13.47         118.27        0        0
GRID    520139        0        520.67   13.88         118.27        0        0
GRID    520152        0        520.67   15.19         118.27        0        0
GRID    520185        0        520.67   18.488        118.27        0        0
$
$                                    SKID LANDING GEAR
$                                       209-050-002
$
GRID    211002        0        110.20   40.00         7.35          0        0
GRID    214902        0        149.63   40.00         7.35          0        0
GRID    222002        0        220.37   40.00         7.35          0        0
GRID    223402        0        234.92   40.00         7.35          0        0
GRID    215102        0        151.85   29.00         26.00         0        0
GRID    215202        0        152.45   13.50         30.34         0        0
GRID    222202        0        222.67   29.00         26.00         0        0
GRID    222302        0        223.29   13.50         31.00         0        0
GRID    211001        0        110.20   -40.00        7.35          0        0
GRID    214901        0        149.63   -40.00        7.35          0        0
GRID    222001        0        220.37   -40.00        7.35          0        0
GRID    223401        0        234.92   -40.00        7.35          0        0
GRID    215101        0        151.85   -29.00        26.00         0        0
```

```
$                                                                                
$                                                                                
$                                                                                
```

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	6123	16
[illegible]			6127	27	6131	14	6133	17
[illegible]	[illegible]	14	6139	20	[illegible]	13	6143	28
[illegible]	6147	16	6149	14	6151	24	6163	25
[illegible]	6157	31	6169	32	6171	23		
[illegible]	[illegible]	38	7031	29	7033	30	7057	34
SEQGP	7054	35	7043	33	7047	37	7061	41
SEQGP	7063	42	7067	44	7069	40	7071	40
SEQGP	7079	50	7535	46	8503	45	8531	43
SEQGP	8533	44	8537	54	8539	52	8543	47
SEQGP	8547	53	8561	57	8563	51	8567	55
SEQGP	8569	54	8571	56	8577	63	9303	96
SEQGP	9307	97	9313	73	9317	75	9331	58
SEQGP	9333	59	9337	61	9339	66	9341	71
SEQGP	9343	60	9347	67	9349	86	9361	65
SEQGP	9363	62	9367	68	9369	69	9371	70
SEQGP	9373	81	9377	82	9379	84	11300	92
SEQGP	11503	94	11507	95	11531	72	11533	74
SEQGP	11537	77	11539	80	11543	76	11547	79
SEQGP	11561	83	11563	78	11567	87	11569	88
SEQGP	11571	85	11579	89	11730	93	13500	144
SEQGP	13801	132	13803	116	13807	117	13809	138
SEQGP	13821	109	13823	111	13827	113	13829	121
SEQGP	13831	90	13833	91	13837	99	13839	102
SEQGP	13841	108	13843	98	13847	101	13848	122
SEQGP	13849	120	13861	133	13863	100	13867	104
SEQGP	13869	106	13871	105	13879	107	14801	131
SEQGP	14803	135	14807	139	14809	149	14821	133
SEQGP	14823	114	14827	125	14829	159	14831	110
SEQGP	14833	112	14837	124	14839	123	14841	134
SEQGP	14843	115	14847	119	14849	153	14861	126
SEQGP	14863	118	14867	127	14869	129	14881	128
SEQGP	14883	150	14887	151	14889	130	15212	141
SEQGP	15214	161	15601	171	15603	172	15607	178
SEQGP	15609	207	15621	142	15623	137	15625	143
SEQGP	15627	160	15629	162	15633	136	15637	154
SEQGP	16481	163	16483	166	16485	193	16487	169
SEQGP	16489	167	17100	140	18601	177	18603	218
SEQGP	18607	219	18609	209	18621	170	18623	173
SEQGP	18625	174	18627	179	18629	175	18631	145
SEQGP	18633	192	18635	220	18637	200	18639	156
SEQGP	18641	146	18642	180	18643	181	18644	228
SEQGP	18645	230	18646	249	18647	199	18648	196
SEQGP	18649	155	18651	147	18652	184	18653	197
SEQGP	18654	157	18656	148	18657	188	18658	202
SEQGP	18659	158	18661	152	18662	191	18663	211
SEQGP	18664	229	18665	257	18666	250	18667	215
SEQGP	18668	206	18669	165	18681	164	18683	210
SEQGP	18685	213	18687	214	18689	168	18983	256
SEQGP	18987	258	19741	185	19742	233	19743	279
SEQGP	19745	337	19747	296	19748	246	19749	198
SEQGP	19751	189	19752	234	19756	247	19759	203
SEQGP	19761	192	19762	242	19763	280	19765	338
SEQGP	19767	297	19768	252	19769	205	21183	305
SEQGP	21187	307	21321	186	21323	217	21325	221
SEQGP	21327	222	21329	224	21341	236	21343	238
SEQGP	21345	261	21347	263	21349	225	21361	235
SEQGP	21363	281	21364	287	21366	311	21367	269
SEQGP	21369	248	21383	339	21387	318	21485	368
SEQGP	21801	216	21803	227	21807	255	21809	223
SEQGP	21821	239	21823	240	21825	262	21827	264
SEQGP	21829	265	22312	760	22318	267	22701	259
SEQGP	22703	275	22707	303	22709	266	22721	285
SEQGP	22723	288	22725	289	22727	312	22729	270
SEQGP	23100	237	25001	308	25003	309	25007	313

```
$ . . . . . .
$                                  BEGIN
$                        WEIGHT, DATA ECONM, CARDS
$ . . . . . .
$
$
$                              BASIC MISSION WEIGHT EMPTY
$                                   57577.9 LB
$
CONM2      93331     3331          1.842
CONM2      93339     3339          3.231
CONM2      93341     3341          1.952
CONM2      93349     3349          2.701
CONM2      94631     4631          0.922
CONM2      94633     4633          4.425
CONM2      94637     4637          5.541
CONM2      94639     4639          2.676
CONM2      94641     4641          0.621
CONM2      94649     4649          0.925
CONM2      94661     4661          8.249
CONM2      94669     4669          6.663
CONM2      96123     6123          3.694
CONM2      96127     6127          3.545
CONM2      96131     6131          1.113
CONM2      96133     6133          6.058
CONM2      96137     6137          5.058
CONM2      96139     6139          0.755
CONM2      96141     6141          1.950
CONM2      96143     6143          5.711
CONM2      96147     6147          3.897
CONM2      96149     6149          0.821
CONM2      96161     6161          2.947
CONM2      96163     6163          9.863
CONM2      96167     6167          6.535
CONM2      96169     6169          2.029
CONM2      96171     6171          7.951
CONM2      96179     6179          5.502
CONM2      97031     7031          2.284
CONM2      97033     7033          8.434
CONM2      97037      037          6.885
CONM2      97039     7039          1.452
CONM2      97043     7043          9.812
CONM2      97047     7047          7.798
CONM2      97061     7061          3.578
CONM2      97063     7063         14.650
CONM2      97067     7067         13.585
CONM2      97069     7069          2.574
CONM2      97071     7071          2.918
CONM2      97079     7079          1.882
CONM2      98531     8531          2.399
CONM2      98533     8533         10.570
CONM2      98537     8537          9.864
CONM2      98539     8539          2.403
CONM2      98543     8543          9.724
CONM2      98547     8547          8.931
CONM2      98561     8561          4.317
CONM2      98563     8563         22.532
CONM2      98567     8567         24.136
CONM2      98569     8569          5.718
CONM2      98571     8571          6.222
CONM2      98579     8579          8.408
CONM2      99303     9303          3.970
CONM2      99307     9307          3.957
CONM2      99313     9313          8.087
CONM2      99317     9317          8.088
CONM2      99331     9331          3.170
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CONM2	104867	14867	[illegible]
CONM2	104869	14869	5.933
CONM2	104881	14881	5.965
CONM2	104883	14883	21.284
CONM2	104887	14887	30.133
CONM2	104889	14889	5.417
CONM2	104891	14891	4.849
CONM2	104893	14893	17.025
CONM2	104897	14897	18.185
CONM2	104899	14899	5.934
CONM2	105601	15601	1.640
CONM2	105603	15603	5.578
CONM2	105607	15607	7.033
CONM2	105609	15609	2.086
CONM2	105621	15621	2.569
CONM2	105623	15623	2.463
CONM2	105625	15625	10.568
CONM2	105627	15627	3.439
CONM2	105629	15629	3.449
CONM2	105633	15633	5.611
CONM2	105637	15637	5.916
CONM2	106481	16481	8.756
CONM2	106483	16483	8.759
CONM2	106485	16485	20.106
CONM2	106487	16487	10.054
CONM2	106489	16489	9.779
CONM2	108601	18601	1.073
CONM2	108603	18603	4.685
CONM2	108607	18607	4.556
CONM2	108609	18609	1.986
CONM2	108621	18621	3.665
CONM2	108623	18623	13.694
CONM2	108625	18625	20.981
CONM2	108627	18627	22.897
CONM2	108629	18629	5.952
CONM2	108631	18631	5.946
CONM2	108633	18633	16.895
CONM2	108635	18635	22.634
CONM2	108637	18637	26.279
CONM2	108639	18639	7.945
CONM2	108641	18641	1.269
CONM2	108642	18642	1.285
CONM2	108643	18643	2.289
CONM2	108644	18644	8.294
CONM2	108645	18645	8.960
CONM2	108646	18646	8.135
CONM2	108647	18647	2.578
CONM2	108648	18648	1.705
CONM2	108649	18649	1.670
CONM2	108651	18651	1.396
CONM2	108652	18652	1.415
CONM2	108653	18653	1.854
CONM2	108654	18654	1.813
CONM2	108656	18656	1.288
CONM2	108657	18657	1.305
CONM2	108658	18658	1.739
CONM2	108659	18659	1.703
CONM2	108661	18661	2.124
CONM2	108662	18662	2.138
CONM2	108663	18663	7.944
CONM2	108664	18664	8.778
CONM2	108665	18665	13.016
CONM2	108666	18666	8.161
CONM2	108667	18667	7.302
CONM2	108668	18668	2.013
CONM2	108669	18669	1.998

[illegible]	115041	25041	[illegible]
[illegible]	115045	25045	22.784
[illegible]	115049	25049	10.010
[illegible]	115061	25061	[illegible]
CONN2	115065	25065	56.155
[illegible]	115069	25069	31.459
[illegible]	116801	26801	2.353
[illegible]	116809	26809	2.596
CONN2	116821	26821	7.919
CONN2	116825	26825	26.633
CONN2	116829	26829	16.380
CONN2	116841	26841	7.640
CONN2	116845	26845	17.307
CONN2	116849	26849	.427
CONN2	116861	26861	17.663
CONN2	116865	26865	37.880
CONN2	116869	26869	17.941
CONN2	119905	29905	2.139
CONN2	119921	29921	8.430
CONN2	119925	29925	22.915
CONN2	119929	29929	13.202
CONN2	119941	29941	10.447
CONN2	119945	29945	27.421
CONN2	119949	29949	15.273
CONN2	119961	29961	10.173
CONN2	119965	29965	21.300
CONN2	119969	29969	10.763
CONN2	120045	30045	8.020
CONN2	121745	31745	33.300
CONN2	123845	33845	43.491
CONN2	125945	35945	60.542
CONN2	128045	38045	33.770
CONN2	130145	40145	20.830
CONN2	132245	42245	19.695
CONN2	134345	44345	9.748
CONN2	135245	45245	10.218
CONN2	136445	46445	18.052
CONN2	133445	46445	16.465
CONN2	138045	48045	23.604
CONN2	138845	48845	6.526
CONN2	139745	49745	12.117
CONN2	140645	50645	8.474
CONN2	141545	51545	5.845
CONN2	142045	52045	17.591
CONN2	130141	40141	3.541
CONN2	130142	40142	5.937
CONN2	130143	40143	10.107
CONN2	130147	40147	9.503
CONN2	130148	40148	5.867
CONN2	130149	40149	3.541
CONN2	151912	61912	0.201
CONN2	151913	61913	0.201
CONN2	151914	61914	0.201
CONN2	151916	61916	0.184
CONN2	151917	61917	0.179
CONN2	151918	61918	0.172
CONN2	151922	61922	0.774
CONN2	151923	61923	0.689
CONN2	151924	61924	0.610
CONN2	151926	61926	0.305
CONN2	151927	61927	0.285
CONN2	151928	61928	0.259
CONN2	151934	61934	0.164
CONN2	151935	61935	0.160
CONN2	151936	61936	0.157
CONN2	152211	62211	0.463

CONM2	[illegible]	62213	0.480
CONM2	[illegible]	62217	0.476
CONM2	[illegible]	62219	0.462
CONM2	[illegible]	62221	1.547
CONM2	[illegible]	62229	1.539
CONM2	[illegible]	62229	1.435
CONM2	[illegible]	62229	0.865
CONM2	[illegible]	62231	0.843
CONM2	[illegible]	62239	0.874
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CONM2	152819	62819	1.111
CONM2	152821	62821	1.904
CONM2	152829	62829	1.798
CONM2	152831	62831	0.512
CONM2	152839	62839	0.595
CONM2	153411	63411	1.969
CONM2	153419	63419	2.323
CONM2	153421	63421	3.041
CONM2	153429	63429	2.881
CONM2	153431	63431	1.144
CONM2	153439	63439	1.118
CONM2	154211	64211	2.314
CONM2	154219	64219	3.090
CONM2	154221	64221	3.275
CONM2	154229	64229	3.561
CONM2	154231	64231	1.269
CONM2	154239	64239	1.243
CONM2	155011	65011	1.382
CONM2	155019	65019	2.036
CONM2	155021	65021	1.737
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CONM2	155039	65039	0.790
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CONM2	155919	65919	0.957
CONM2	155921	65921	0.[illegible]
CONM2	155929	65929	1.299
CONM2	155931	65931	0.517
CONM2	155939	65939	0.503
CONM2	161912	71912	0.251
CONM2	161913	71913	0.249
CONM2	161914	71914	0.245
CONM2	161916	71916	0.216
CONM2	161917	71917	0.238
CONM2	161918	71918	0.199
CONM2	161922	71922	0.856
CONM2	161923	71923	0.[illegible]
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CONM2	161934	71934	0.171
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CONM2	161936	71936	0.164
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CONM2	162213	72213	0.533
CONM2	162217	72217	0.506
CONM2	162219	72219	0.48[illegible]
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CONM2	162839	72839	3.543
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CONM2	163421	73421	3.341
CONM2	163429	73429	2.151
CONM2	163431	73431	1.144
CONM2	163439	73439	1.113
CONM2	164211	74211	2.314
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CONM2	164229	74229	3.561
CONM2	164231	74231	1.265
CONM2	164239	74239	1.243
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CONM2	304902	214902	13.024
CONM2	312002	222002	6.744
CONM2	313402	223402	5.142
CONM2	305102	215102	3.158
CONM2	305202	215202	0.961
CONM2	312202	222202	6.554
CONM2	312302	222302	1.635
CONM2	301001	211001	4.953
CONM2	304901	214901	13.024
CONM2	312001	222001	6.744
CONM2	313401	223401	5.142
CONM2	305101	215101	3.676
CONM2	305201	215201	0.952
CONM2	312201	222201	6.554
CONM2	312301	222301	1.619
CONM2	290070	200070	34.465
CONM2	290078	200078	22.740
CONM2	290079	200079	51.048
CONM2	290086	200086	60.052
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CONM2	290137	200137	9.253
CONM2	290145	200145	12.065
CONM2	290153	200153	5.852
CONM2	390153	200153	458.300
CONM2	490153	200153	489.500
CONM2	290155	200155	6.124
CONM2	610018	520018	5.662
CONM2	610024	520024	5.537
CONM2	610057	520057	4.420
CONM2	610065	520065	0.0

MR BLADE
MR HUB

```
$
$                                  XM-28 WEAPONS INSTALLATION
$
CONM2      97505     7505            1.000                                  PEDIS
CONM2      97506     7505          124.500                                  TURRET
CONM2      97507     7505            2.300                                  CLOSURE
CONM2      97508     7505            2.300                                  CLOSURER
CONM2      97509     7505            3.100                                  TUB STP
CONM2      97510     7505           40.800                                  LAUNCHER
CONM2      97511     7505           10.300                                  CRADLE
CONM2      97512     7505            9.100                                  SYSMTJA
CONM2      97513     7505           44.300                                  AMNIBOX
CONM2      97514     7505            1.000                                  CABLE
CONM2      97515     7505            1.500                                  GEARBOX
CONM2      97516     7505            7.700                                  MOTOR
CONM2      97517     7505            4.500                                  RETRACT
$
$                          ENGINE AND ENGINE-SUPPORTED WEIGHT ITEMS
$
CONM2     124833    124800          530.000                                  ENGINE
ENGINE  1.7864            1.1065                    4.4364
CONM2     124831    124800           40.000                                  STARTER
CONM2     124832    124800            5.000                                  RESPLATE
CONM2     124833    124800            1.500                                  ACCESS
CONM2     124834    124800            3.400                                  TACHAMTR
$
$
$
$
$                          BASIC MISSION CONFIGURATION JSEFUL LOADS
$                                    3173.1 LB
$
$
$                                      GUNNER (1)
$
CONM2D  3020841   7333    28300   2014     1.0
CONM2D  3020842   7337    28300   2014     1.0
CONM2D  3020843   9333    28300   2014     1.0
CONM2D  3020844   9337    28300   2014     1.0
CONM2     28800     0800          200.000                                  BASIC
$
$                          40MM DRUM/PALLET AND GRENADES (253 ROUNDS)
$
CONM2D  3030151   9313    11800   2014     1.0
CONM2D  3030152   9317    11800   2014     1.0
CONM2D  3030153   13303   11800   2014     1.0
CONM2D  3030154   13307   11800   2014     1.0
CONM2     11800     1180          75.00                                    BASIC
CONM2     11801     1180         140.000                                   BASIC
$
$                          7.62MM BOOM, M-M AND 50M (450) ASSEMBLY
$
CONM2D  3030201   9313    11700   2014     1.0
CONM2D  3030202   9317    11700   2014     1.0
CONM2D  3030203   13303   11700   2014     1.0
CONM2D  3030204   13307   11700   2014     1.0
CONM2     11700     1170          53.000                                   BASIC
CONM2     11701     1170         100.000                                   BASIC
```

```
$
$                                  PILOT CG
$
CONR00  0010091 14443   13500   2014     1.0
CONR00  0010092 14447   13500   2014     1.0
CONR00  0010093 14483   13500   2014     1.0
CONR00  0010094 14487   13500   2014     1.0
CONM2     918500   13500          200.000                                  BASIC
$
$                               FORWARD FUEL CG
$
CONR00  0031071 14823   17100   2014     1.0
CONR00  0031072 14827   17100   2014     1.0
CONR00  0031073 18621   17100   2014     1.0
CONR00  0031074 18629   17100   2014     1.0
CONM2     917100   17100          775.000                                  BASIC
CONM2    1017100   17100            4.250                                  BASIC
$
$                                AFT FUEL CG
$
CONR00  0031081 21321   23100   2014     1.0
CONR00  0031082 21329   23100   2014     1.0
CONR00  0031083 25021   23100   2014     1.0
CONR00  0031084 25029   23100   2014     1.0
CONM2     923100   23100          825.000                                  BASIC
CONM2    1023100   23100            4.250                                  BASIC
$                              TRANSMISSION OIL
$
CONM2    9200070  200070           26.100                                  BASIC
$
$                                ENGINE OIL
$
CONM2     124805  124800           26.700                                  BASIC
CONM2     124806  124900            2.200                                  BASIC
$                        42 AND 90 DEGREE GEAR BOX FLUIDS
$
CONM2      66445   66445            0.300                                  BASIC
CONM2     952045   52045            0.400                                  BASIC
$
$
$                            WING PYLONS AND STORES
$
$
$                                RIGHT WING
$
CONM2     965929   65929           17.800                                  BASIC
CONM2    1065929   65929          232.700   -7.04     0.0   -7.45          BASIC
CONM2    1165929   65929           39.800   -2.74     0.0  -16.05          BASIC
$
$                                LEFT WING
$
CONM2     975929   75929           17.800                                  BASIC
CONM2    1075929   75929          202.700   -7.04     0.0   -7.45          BASIC
CONM2    1175929   75929           39.800   -2.74     0.0  -16.05          BASIC
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                                  END
$                        WEIGHTS DATA %CONM2 CARDS<
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                                BEGIN
$                        CONDENSATION %UMIT CARDS<
$ * * * * * * *  * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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UNIT	18667	123456
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CONROD  1570033   6563    8363    7075    0.142
CONROD  1570034   8363   11563    7075    0.325
CONROD  1570035  11563   13863    7075    0.284
CONROD  1570036  13863   14863    7075    0.301
CONROD  1570037  14363   18661    7075    0.259
CONROD  1600091  18661   19761    7075    0.411
CONROD  1600092  19761   21361    7075    0.444
CONROD  1600093  21361   25061    7075    0.434
CONROD  1600094  25061   26861    7075    0.390
CONROD  1600095  25861   29961    7075    0.647
$
$                    LOWER MAIN BEAM CAP / RIGHT-HAND SIDE
$                                209-030-158-004
$                          STA  61.25 TO STA 144.50
$
CONROD  1580041   6133    7033    7075    0.247
CONROD  1580042   7033    8533    7075    0.248
CONROD  1580043   8533    9333    7075    0.249
CONROD  1580044   9333   11533    7075    0.344
CONROD  1580045  11533   13833    7075    0.347
CONROD  1580046  13833   14833    7075    0.227
$
$                    LOWER MAIN BEAM CAP / RIGHT-HAND SIDE
$                                209-030-159-007
$                          STA 138.70 TO STA 186.25
$                                209-030-161-029
$                          STA 186.25 TO STA 300.42
$
CONROD  1590071  13823   14823    7075    0.264
CONROD  1590072  14823   15623    7075    0.285
CONROD  1590073  15623   18621    7075    0.309
CONROD  1610291  18621   21321    7075    0.513
CONROD  1610292  21321   21821    7075    0.545
CONROD  1610293  21821   22721    7075    0.640
CONROD  1610294  22721   25021    7075    0.420
CONROD  1610295  25021   26821    7075    0.410
CONROD  1610296  26821   29921    7075    0.450
$
$                LOWER MAIN BEAM AUXILLARY CAP / RIGHT-HAND SIDE
$                                239-030-161-015
$                          STA 138.70 TO STA 186.25
$
CONROD  1610151  13821   14821    7075    0.128
CONROD  1610152  14821   15621    7075    0.128
CONROD  1610153  15621   18621    7075    0.128
$
$                LOWER MAIN BEAM AUXILLARY CAP / RIGHT-HAND SIDE
$                                209-030-211-010
$                          STA  46.00 TO STA 148.50
$
CONROD  2110101   6633    6131    7075    0.059
CONROD  2110102   6131    7031    7075    0.187
CONROD  2110103   7031    8531    7075    0.189
CONROD  2110104   8531    9331    7075    0.193
CONROD  2110105   9331   11531    7075    0.243
CONROD  2110106  11531   13831    7075    0.248
CONROD  2110107  13831   14831    7075    0.174
$
$                UPPER MAIN BEAM AUXILLARY CAP / RIGHT-HAND SIDE
$                          209-030-250-017/091/171
$                          STA  61.25 TO STA 186.25
$
CONROD  2500171   6161    7061    7075    0.054
CONROD  2500172   7061    8561    7075    0.054
CONROD  2500173   8561    9361    7075    0.054
CONROD  2500911   9361   11561    7075    0.053
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CONROD  2500912 11561   13461   7075    0.050
CONROD  2500913 13461   14461   7075    0.067
CONROD  2501711 14461   18661   7075    0.134
$
$                       COWLING ATTACH ANGLES - RIGHT SIDE
$                                209-030-136-071
$                            STA 186.25 TO BS  91.32
$
CONROD  1360711 18561   19761   2024    0.378
CONROD  1360712 19761   21361   2024    0.399
CONROD  1360713 21361   25061   2024    0.162
CONROD  1360714 25061   26861   2024    0.382
CONROD  1360715 26861   29961   2024    0.371
$
$                       MAIN BEAM CHANNEL - RIGHT SIDE
$                                209-030-132-005
$                          STA 186.25 TO STA 213.94
$
CONROD  1320051 18661   19741   7075    0.288
CONROD  1320052 19741   21341   7075    0.289
$
$                       MAIN BEAM WEB / RIGHT-HAND SIDE
$                                209-030-129-207
$                          STA  61.25 TO STA  93.00
$
$   DOUBLERS
CONROD  1290231  6163    7063    7075    0.048
CONROD  1290232  7063    8563    7075    0.047
CONROD  1290233  8563    9363    7075    0.046
CONROD  1290251  6133    7033    7075    0.072
CONROD  1290252  7033    8533    7075    0.075
CONROD  1290253  8533    9333    7075    0.077
CONROD  1290211  6133    6143    7075    0.035
CONROD  1290212  6143    6163    7075    0.035
CONROD  1290271  9333    9343    7075    0.048
CONROD  1290272  9343    9363    7075    0.098
$   INNER SKIN   209-030-129-209   .025 ALUMINUM
CSHEAR  1292090 0257075  6133    7033    7043    6143
CONROD  1290901  6133    7033    7075    0.073
CONROD  1290902  6143    7043    7075    0.122
CONROD  1290911  6133    6143    7075    0.118
CONROD  1290913  7033    7043    7075    0.118
CSHEAR  1292091 0257075  6143    7043    7063    6163
CONROD  1290903  6143    7043    7075    0.122
CONROD  1290904  6163    7063    7075    0.033
CONROD  1290912  6143    6163    7075    0.118
CONROD  1290914  7043    7063    7075    0.118
CSHEAR  1292092 0257075  7033    8533    8543    7043
CONROD  1290921  7033    8533    7075    0.076
CONROD  1290922  7043    8543    7075    0.126
CONROD  1290931  7033    7043    7075    0.181
CONROD  1290933  8533    8543    7075    0.181
CSHEAR  1292093 0257075  7043    8543    8563    7063
CONROD  1290923  7043    8543    7075    0.126
CONROD  1290924  7063    8563    7075    0.034
CONROD  1290932  7043    7063    7075    0.181
CONROD  1290934  8543    8563    7075    0.181
CSHEAR  1292094 0257075  8533    9333    9343    8543
CONROD  1290941  8533    9333    7075    0.078
CONROD  1290942  8543    9343    7075    0.130
CONROD  1290951  8533    8543    7075    0.123
CONROD  1290953  9333    9343    7075    0.123
CSHEAR  1292095 0257075  8543    9343    9363    8563
CONROD  1290943  8543    9343    7075    0.130
CONROD  1290944  8563    9363    7075    0.045
CONROD  1290952  8543    8563    7075    0.123
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CONROD   1290934   9343    9363    7075    0.123
$   INTERIOR SKIN   209-030-129-141   .016 ALUMINUM
CSHEAR   1290411 0167075  7033    8533    8543    7043
CONROD   1294121   7033    8533    7075    0.011
CONROD   1294122   7043    8543    7075    0.057
CONROD   1294131   7033    7043    7075    0.116
CONROD   1294133   8533    8543    7075    0.116
CSHEAR   1290412 0167075  7043    8543    8563    7063
CONROD   1294123   7043    8543    7075    0.057
CONROD   1294124   7063    8563    7075    0.001
CONROD   1294132   7043    7063    7075    0.116
CONROD   1294134   8543    8563    7075    0.116
$   INTERIOR SKIN   209-030-129-159   .016 ALUMINUM
CSHEAR   1291591 0167075  7033    8533    8543    7043
CONROD   1295901   7033    8533    7075    0.024
CONROD   1295902   7043    8543    7075    0.071
CONROD   1295911   7033    7043    7075    0.116
CONROD   1295913   8533    8543    7075    0.116
CSHEAR   1291592 0167075  7043    8543    8563    7063
CONROD   1295903   7043    8543    7075    0.071
CONROD   1295904   7063    8563    7075    0.001
CONROD   1295912   7043    7063    7075    0.116
CONROD   1295914   8543    8563    7075    0.116
$   OUTER SKIN   209-030-129-183   .016 ALUMINUM
CSHEAR   1291831 0167075  6133    7033    7043    6143
CONROD   1298301   6133    7033    7075    0.026
CONROD   1298302   6143    7043    7075    0.071
CONROD   1298311   6133    6143    7075    0.065
CONROD   1298313   7033    7043    7075    0.065
CSHEAR   1291832 0167075  6143    7043    7063    6163
CONROD   1298303   6143    7043    7075    0.071
CONROD   1298304   6163    7063    7075    0.003
CONROD   1298312   6143    6163    7075    0.065
CONROD   1298314   7063    7063    7075    0.065
CSHEAR   1291833 0167075  7033    8533    8543    7043
CONROD   1298321   7033    8533    7075    0.028
CONROD   1298322   7043    8543    7075    0.074
CONROD   1298331   7033    7043    7075    0.116
CONROD   1298333   8533    8543    7075    0.116
CSHEAR   1291834 0167075  7043    8543    8563    7063
CONROD   1298323   7043    8543    7075    0.074
CONROD   1298324   7063    8563    7075    0.003
CONROD   1298332   7043    7063    7075    0.116
CONROD   1298334   8543    8563    7075    0.116
CSHEAR   1291835 0167075  8533    9333    9343    8543
CONROD   1298341   8533    9333    7075    0.033
CONROD   1298342   8543    9343    7075    0.079
CONROD   1298351   8533    9343    7075    0.062
CONROD   1298353   9333    9343    7075    0.062
CSHEAR   1291836 0167075  8543    9343    9363    8563
CONROD   1298343   8543    9343    7075    0.079
CONROD   1298344   8563    9363    7075    0.007
CONROD   1298352   8543    8563    7075    0.062
CONROD   1298354   9343    9363    7075    0.062
$
$                        MAIN BEAM WEB / RIGHT-HAND SIDE
$                              209-030-129-207
$                           STA  93.00 TO STA 138.70
$
$   DOUBLERS
CONROD   1290234   9363   11563    7075    0.024
CONROD   1290235  11563   13863    7075    0.024
CONROD   1290331   9343   11543    7075    0.090
CONROD   1291971  11533   13833    7075    0.044
CONROD   1290254   9333   11533    7075    0.046
CONROD   1291972  11543   13843    7075    0.090
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CONROD   1290273   9333     9343    7075     0.043
CONROD   1290274   9343     9363    7075     0.043
CONROD   1291373  13833    13843    7075     0.054
CONROD   1291374  13843    13863    7075     0.054
$    INNER SKIN    209-030-129-209    .025 ALUMINUM
CSHEAR   1292096 0257075   9333    11533    11543     9343
CONROD   1290961   9333    11533    7075     0.079
CONROD   1290962   9343    11543    7075     0.134
CONROD   1290971   9333     9343    7075     0.256
CONROD   1290973  11533    11543    7075     0.256
CSHEAR   1292097 0257075   9363    11543    11563     9363
CONROD   1290963   9343    11563    7075     0.134
CONROD   1290964   9363    11563    7075     0.042
CONROD   1290972   9343     9363    7075     0.256
CONROD   1290974  11543    11563    7075     0.256
CSHEAR   1292098 0257075  11533    13833    13843    11543
CONROD   1290981  11533    13833    7075     0.077
CONROD   1290982  11543    13843    7075     0.140
CONROD   1290993  11533    11543    7075     0.289
CONROD   1290995  13833    13843    7075     0.289
CSHEAR   1292099 0257075  11543    13843    13863    11563
CONROD   1290983  11543    13843    7075     0.140
CONROD   1290984  11563    13863    7075     0.054
CONROD   1290994  11543    11563    7075     0.289
CONROD   1290996  13843    13863    7075     0.289
$    OUTER SKIN    209-030-129-149    .016 ALUMINUM
CSHEAR   1291491 0167075   9333    11533    11543     9343
CONROD   1294901   9333    11533    7075     0.030
CONROD   1294902   9343    11543    7075     0.080
CONROD   1294911   9333     9343    7075     0.155
CONROD   1294913  11533    11543    7075     0.155
CSHEAR   1291492 0167075   9343    11543    11563     9363
CONROD   1294903   9343    11543    7075     0.080
CONROD   1294904   9363    11563    7075     0.007
CONROD   1294912   9343     9363    7075     0.155
CONROD   1294914  11543    11563    7075     0.155
CSHEAR   1291493 0167075  11533    13833    13843    11543
CONROD   1294921  11533    13833    7075     0.028
CONROD   1294922  11543    13843    7075     0.044
CONROD   1294931  11533    11543    7075     0.176
CONROD   1294933  13833    13843    7075     0.176
CSHEAR   1291494 0167075  11543    13843    13863    11563
CONROD   1294923  11543    13843    7075     0.084
CONROD   1294924  11563    13863    7075     0.014
CONROD   1294932  11543    11563    7075     0.176
CONROD   1294934  13843    13863    7075     0.176
$
$                          MAIN BEAM WEB / RIGHT-HAND SIDE
$                                 209-030-129-237
$                             STA 138.70 TO STA 144.50
$
$    DOUBLERS
CONROD   1291985  13863    14863    7075     0.079
CONROD   1291986  13843    14843    7075     0.163
CONROD   1291273  13833    14833    7075     0.044
CONROD   1291274  13843    13863    7075     0.044
CONROD   1291985  13843    13863    7075     0.087
CONROD   1291275  14833    14843    7075     0.036
CONROD   1291987  14843    14863    7075     0.083
$    INNER SKIN    209-030-129-209    .025 ALUMINUM
CSHEAR   1292101 0257075  13803    14803    14823    13823
CONROD   1291001  13823    14803    7075     0.056
CONROD   1291002  13823    14823    7075     0.154
CONROD   1291011  13803    13823    7075     0.123
CONROD   1291012  14803    14823    7075     0.123
CSHEAR   1292102 0257075  13823    14823    14833    13833
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CONROD   1291004 14823   14823   7075    0.156
CONROD   1291005 13833   14833   7075    0.048
CONROD   1291012 13823   13833   7075    0.120
CONROD   1291016 14823   14833   7075    0.120
CSHEAR   1292103 0257075 13833   14833   14843   13843
CONROD   1291005 13833   14833   7075    0.078
CONROD   1291006 13843   14843   7075    0.144
CONROD   1291013 13833   13843   7075    0.120
CONROD   1291017 14833   14843   7075    0.120
CSHEAR   1292104 0257075 13843   14843   14863   13863
CONROD   1291007 13843   14843   7075    0.144
CONROD   1291008 13863   14863   7075    0.063
CONROD   1291014 13843   13863   7075    0.120
CONROD   1291018 14843   14863   7075    0.120
$    INTERIOR SKIN   209-030-129-197   .040 ALUMINUM
CSHEAR   1291981 0407075 13803   14803   14823   13823
CONROD   1299801 13803   14803   7075    0.167
CONROD   1299802 13823   14823   7075    0.167
CONROD   1299811 13803   13823   7075    0.191
CONROD   1299814 14803   14823   7075    0.191
CSHEAR   1291982 0407075 13823   14823   14833   13833
CONROD   1299803 13823   14823   7075    0.201
CONROD   1299804 13833   14833   7075    0.201
CONROD   1299812 13823   13833   7075    0.191
CONROD   1299815 14823   14833   7075    0.191
CSHEAR   1291983 0407075 13833   14833   14843   13843
CONROD   1299805 13833   14833   7075    0.142
CONROD   1299806 13843   14843   7075    0.142
CONROD   1299813 13833   13843   7075    0.191
CONROD   1299816 14833   14843   7075    0.191
$    OUTER SKIN   209-030-129-127   .020 ALUMINUM
CSHEAR   1291271 0207075 13803   14803   14823   13823
CONROD   1292701 13803   14803   7075    0.047
CONROD   1292702 13823   14823   7075    0.122
CONROD   1292711 13803   13823   7075    0.096
CONROD   1292713 14803   14823   7075    0.096
CSHEAR   1291272 0207075 13823   14823   14833   13833
CONROD   1292703 13823   14823   7075    0.122
CONROD   1292704 13833   14833   7075    0.034
CONROD   1292712 13823   13833   7075    0.096
CONROD   1292714 14823   14833   7075    0.096
$    OUTER SKIN   209-030-129-017   .016 ALUMINUM
CSHEAR   1290171 0167075 13843   14843   14863   13863
CONROD   1291701 13843   14843   7075    0.035
CONROD   1291702 13863   14863   7075    0.035
CONROD   1291703 13843   13863   7075    0.055
CONROD   1291704 14843   14863   7075    0.055
$    OUTER SKIN   209-030-129-019   .016 ALUMINUM
CSHEAR   1290191 0167075 13833   14833   14843   13843
CONROD   1291901 13833   14833   7075    0.013
CONROD   1291902 13843   14843   7075    0.013
CONROD   1291903 13833   13843   7075    0.055
CONROD   1291904 14833   14843   7075    0.055
$
$                        MAIN BEAM WEB / RIGHT-HAND SIDE
$                              209-030-130-003
$                          STA 148.50 TO STA 186.25
$
$    DOUBLERS
CONROD   1300231 14863   18661   7075    0.062
CONROD   1300352 14823   15623   7075    0.095
CONROD   1300271 15623   18621   7075    0.097
CONROD   1300353 14823   14833   7075    0.109
CONROD   1300411 14833   14843   7075    0.109
CONROD   1300412 14843   14863   7075    0.109
CONROD   1300211 18621   18631   7075    0.108
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CONROD  1303212 18631   18641   7075    0.108
CONROD  1303213 18641   18651   7075    0.108
CONROD  1303214 18651   18656   7075    0.108
CONROD  1303215 18656   18661   7075    0.108
$   INTERIOR SKIN   209-030-130-034    .020 GLASS FABRIC
CSHEAR  1300391 0200076 14823   15623   15633   14833
CONROD  1303901 14823   15623   0076    0.096
CONROD  1303902 14833   15633   0076    0.096
CONROD  1303903 14823   14833   0076    0.074
CONROD  1303904 15623   15633   0076    0.074
CSHEAR  1300392 0200076 15623   18621   18631   15633
CONROD  1303911 15623   18621   0076    0.096
CONROD  1303912 15633   18631   0076    0.096
CONROD  1303921 15623   15633   0076    0.282
CONROD  1303924 18621   18631   0076    0.282
CTRMEM  1300393 0200076 14833   15633   14843
CSHEAR  1300394 0200076 15633   18631   18641   14843
CONROD  1303913 15633   18631   0076    0.096
CONROD  1303914 14843   18641   0076    0.096
CONROD  1303922 15633   14843   0076    0.320
CONROD  1303925 18631   18641   0076    0.320
CSHEAR  1300395 0200076 14843   15651   18656   14603
CONROD  1303915 14843   18651   0076    0.083
CONROD  1303916 14863   18656   0076    0.083
CONROD  1303923 14843   14863   0076    0.357
CONROD  1303926 18651   18656   0076    0.357
$   INTERIOR SKIN   209-030-130-029    .025 TITANIUM
CSHEAR  1300291 0259046 14823   15623   15633   14833
CONROD  1302901 14823   15623   9046    0.050
CONROD  1302902 14833   15633   9046    0.050
CONROD  1302903 14823   14833   9046    0.044
CONROD  1302904 15623   15633   9046    0.044
$   INTERIOR SKIN   209-030-130-035    .032 TITANIUM
CSHEAR  1300351 0329046 14823   15623   15633   14833
CONROD  1303501 14823   15623   9046    0.089
CONROD  1303502 14833   15633   9046    0.089
CONROD  1303503 14823   14833   9046    0.090
CONROD  1303504 15623   15633   9046    0.090
$   OUTER SKIN   209-030-130-033    .012 TITANIUM
CSHEAR  1300331 0129046 14823   15623   15633   14833
CONROD  1303301 14823   15623   9046    0.057
CONROD  1303302 14833   15633   9046    0.057
CONROD  1303303 14823   14833   9046    0.045
CONROD  1303304 15623   15633   9046    0.045
CSHEAR  1300332 0129046 15623   18621   18631   15633
CONROD  1303311 15623   18621   9046    0.057
CONROD  1303312 15633   18631   9046    0.057
CONROD  1303321 15623   15633   9046    0.169
CONROD  1303324 18621   18631   9046    0.169
CTRMEM  1300333 0129046 14833   15633   14843
CSHEAR  1300334 0129046 15633   18631   18641   14843
CONROD  1303313 15633   18631   9046    0.058
CONROD  1303314 14843   18641   9046    0.058
CONROD  1303322 15633   14843   9046    0.192
CONROD  1303325 18631   18641   9046    0.192
CSHEAR  1300335 0129046 14843   18651   18656   14863
CONROD  1303315 14843   18651   9046    0.050
CONROD  1303316 14863   18656   9046    0.050
CONROD  1303323 14843   14863   9046    0.214
CONROD  1303326 18651   18656   9046    0.214
$
$                   MAIN BEAM WEB / RIGHT-HAND SIDE
$                          209-030-137-032
$                      STA 186.25 TO STA 213.94
$
$   PROPERTY
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CONROD  1370364 19741   21341   7075    0.344
CONROD  1370365 19761   21361   7075    0.367
CONROD  1370366 19741   19751   7075    0.156
CONROD  1370367 19751   19761   7075    0.156
CONROD  1370368 21341   21361   7075    0.367
$   INNER SKIN   209-030-137-024    .312 ALUMINUM
CSHEAR  1370241 0127075 19741   21341   21361   19751
CONROD  1372401 19741   21341   7075    0.320
CONROD  1372402 19751   21361   7075    0.320
CONROD  1372403 19741   19751   7075    0.376
CONROD  1372404 21341   21361   7075    0.376
CTRMEM  1370242 0127075 19751   21361   19761
$   INNER SKIN   209-030-137-036    .040 ALUMINUM
CTRMEM  1370361 0407075 18641   19741   18651
CSHEAR  1370362 0407075 18651   19741   19751   18656
CONROD  1373601 18651   19741   7075    0.139
CONROD  1373602 18656   19751   7075    0.117
CONROD  1373611 18651   18656   7075    0.213
CONROD  1373613 19741   19751   7075    0.213
CSHEAR  1370363 0407075 18656   19751   19761   18661
CONROD  1373603 18656   19751   7075    0.117
CONROD  1373604 18661   19761   7075    0.031
CONROD  1373612 18656   18661   7075    0.213
CONROD  1373614 19751   19761   7075    0.213
$   OUTER SKIN   209-030-137-036    .040 ALUMINUM
CTRMEM  1370061 0407075 18641   19741   18651
CSHEAR  1370062 0407075 18651   19741   19751   18656
CONROD  1370601 18651   19741   7075    0.143
CONROD  1370602 18656   19751   7075    0.095
CONROD  1370611 18651   18656   7075    0.213
CONROD  1370613 19741   19751   7075    0.213
CSHEAR  1370063 0407075 18656   19751   19761   18661
CONROD  1370603 18656   19751   7075    0.095
CONROD  1370604 18661   19761   7075    0.109
CONROD  1370612 18656   18661   7075    0.213
CONROD  1370614 19751   19761   7075    0.213
CSHEAR  1370064 0407075 19741   21341   21361   19751
CONROD  1370621 19741   21341   7075    0.148
CONROD  1370622 19751   21361   7075    0.148
CONROD  1370623 19741   19751   7075    0.341
CONROD  1370624 21341   21361   7075    0.341
CTRMEM  1370065 0407075 19751   21361   19761
$
$                       MAIN BEAM #EB / RIGHT-HAND SIDE
$                              209-030-180-019
$                          STA 186.25 TO STA 213.94
$
CONROD  1800191 21321   18641   2024    0.491
$
$                       MAIN BEAM #EB / RIGHT-HAND SIDE
$                              209-030-120-027
$                          STA 213.94 TO STA 250.00
$
$   DOUBLERS
CONROD  1200133 21321   21821   7075    0.279
CONROD  1200134 21821   22721   7075    0.294
CONROD  1200135 22721   25021   7075    0.351
CONROD  1200151 21361   25061   7075    0.238
CONROD  1200136 21321   21341   7075    0.178
CONROD  1200137 21341   21361   7075    0.178
CONROD  1200091 25021   25041   7075    0.163
CONROD  1200092 25041   25061   7075    0.163
$   INNER SKIN   209-030-120-007    .020 GLASS FABRIC
CTRMEM  1200071 0200076 21321   21821   21341
CTRMEM  1200072 0200076 21821   22721   21341
CSHEAR  1200073 0200076 22721   25021   25041   21341
```

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CONROD   1200701  22721   25021    0376     0.131
CONROD   1200702  21341   25041    0376     0.203
CONROD   1200711  22721   21341    0376     0.292
CONROD   1200713  25021   25041    0376     0.292
CSHEAR   1200714  0169046 21341   25041    25061    21361
CONROD   1200731  21341   25041    0376     0.203
CONROD   1200704  21861   25061    0376     0.034
CONROD   1200712  21341   21861    0376     0.361
CONROD   1200714  25041   25061    0376     0.361
$    INTERIO  SKIN   209-030-120-013    .032 TITANIUM
CTRMEM   1200131  0329046 21321   21821    21341
CTRMEM   1200132  0329046 21821   22721    21341
$    OUTER SKIN   209-030-120-011    .016 TITANIUM
CTRMEM   1200111  0169046 21321   21821    21341
CTRMEM   1200112  0169046 21321   22721    21341
CSHEAR   1200113  0169046 22721   25021    25041    21341
CONROD   1201101  22721   25021    0346     0.105
CONROD   1201102  21341   25041    0346     0.162
CONROD   1201111  22721   21341    0346     0.234
CONROD   1201113  25021   25041    0346     0.234
CSHEAR   1200114  0169046 21341   25041    25061    21361
CONROD   1201103  21341   25041    0346     0.162
CONROD   1201104  21361   25061    0346     0.027
CONROD   1201112  21341   21361    0346     0.288
CONROD   1201114  25041   25061    0346     0.288
$
$                        MAIN BEAM WEB / RIGHT-HAND SIDE
$                              209-030-118-063
$                           STA 250.00 TO BS  41.32
$
$    INNER SKIN   209-030-118-071    .008 ALUMINUM
CSHEAR   1180711  0082024 25021   26821    26841    25041
CONROD   1187101  25021   26821    2024     0.034
CONROD   1187102  25041   26841    2024     0.374
CONROD   1187111  25021   25041    2024     0.361
CONROD   1187113  26821   26841    2024     0.361
CSHEAR   1180712  0082024 25041   26841    26861    25061
CONROD   1187103  25041   26841    2024     0.074
CONROD   1187104  25061   26851    2024     0.311
CONROD   1187112  25041   25061    2024     0.061
CONROD   1187114  26841   26861    2024     0.061
$    INNER SKIN   209-030-118-045    .008 ALUMINUM
CSHEAR   1180451  0082024 26821   29921    29941    26841
CONROD   1184501  26821   29921    2024     0.023
CONROD   1184502  26841   29941    2024     0.369
CONROD   1184511  26821   26841    2024     0.118
CONROD   1184513  29921   29941    2024     0.118
CSHEAR   1180452  0082024 26841   29941    29961    26861
CONROD   1184503  26841   29941    2024     0.369
CONROD   1184504  26861   29961    2024     0.014
CONROD   1184512  26841   26861    2024     0.118
CONROD   1184514  29941   29961    2024     0.118
$    OUTER SKIN   209-030-118-069    .071 ALUMINUM
CSHEAR   1180691  0717075 25021   26821    26841    25041
CONROD   1186901  25021   26841    7075     0.415
CONROD   1186902  25041   26861    7075     0.676
CONROD   1186911  25021   25041    7075     0.646
CONROD   1186913  26821   26841    7075     0.646
CSHEAR   1180692  0717075 25041   26841    26861    25061
CONROD   1186903  25041   26841    7075     0.676
CONROD   1186904  25061   26851    7075     0.279
CONROD   1186912  25041   25061    7075     0.646
CONROD   1186914  26841   26861    7075     0.646
CSHEAR   1180693  0717075 26821   29921    29941    26841
CONROD   1186921  26821   29921    7075     0.356
CONROD   1186922  26841   29941    7075     0.649
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CONROD  1186931 26821   26841   7075    1.109
CONROD  1186933 29921   29941   7075    1.109
CSHEAR  1180694 J717075 26841   29941   29941   26861
CONROD  1186923 26841   29941   7075    0.649
CONROD  1186924 26861   29961   7075    0.276
CONROD  1186932 26841   26861   7075    1.109
CONROD  1186934 29941   29961   7075    1.109
$
$                       SIDE PANELS AND FRAMES / RIGHT SIDE
$                           STA  61.25 TO STA 146.25
$
$
$                                   CANOPY FRAME
$                                  209-030-500-309
$
CONROD  5003111  6161    7071    7075    0.234
CONROD  5003112  7071    8571    7075    0.230
CONROD  5003113  8571    9371    7075    0.227
CONROD  5003114  9371    11571   7075    0.213
CONROD  5003115 11571   13871   7075    0.201
CONROD  5003116 13871   14881   7075    0.200
$
$                                   SKIN
$                                  209-030-179-161
$
CTRMEM  1791611 0322024  6161    7071    7061
CSHEAR  1791612 0322024  7061    7071    8571    8561
CONROD  1796101  7061    8561    2024    0.040
CONROD  1796102  7071    8571    2024    0.040
CONROD  1796103  7061    7071    2024    0.232
CONROD  1796104  8561    8571    2024    0.232
CSHEAR  1791613 0322024  8561    8571    9371    9361
CONROD  1796111  8561    9361    2024    0.072
CONROD  1796112  8571    9371    2024    0.072
CONROD  1796113  8561    8571    2024    0.202
CONROD  1796114  9361    9371    2024    0.202
CSHEAR  1791614 0322024  9361    9371    11571   11561
CONROD  1796121  9361    11561   2024    0.102
CONROD  1796122  9371    11571   2024    0.102
CONROD  1796123  9361    9371    2024    0.270
CONROD  1796124 11561   11571   2024    0.270
CSHEAR  1791615 0322024 11561   11571   13871   13861
CONROD  1796131 11561   13861   2024    0.140
CONROD  1796132 11571   13871   2024    0.140
CONROD  1796133 11561   11571   2024    0.382
CONROD  1796134 13861   13871   2024    0.382
CSHEAR  1791616 0322024 13861   13871   14881   14861
CONROD  1796141 13861   14861   2024    0.195
CONROD  1796142 13871   14881   2024    0.195
CONROD  1796143 13861   13871   2024    0.187
CONROD  1796144 14861   14881   2024    0.187
$
$                                   PANEL
$                                  209-030-125-143
$
$   DOUBLERS
CONROD  1251491 14861   18661   2024    0.140
CONROD  1251571 14881   16481   2024    0.112
CONROD  1251572 16481   18681   2024    0.111
CONROD  1251511 14861   14881   2024    0.121
CONROD  1251551 18661   18681   2024    0.121
$   INNER SKIN   209-030-125-027   .008 ALUMINUM
CTRMEM  1250271 0082024 14861   14881   16481
CSHEAR  1250272 0082024 14861   16481   18681   18661
CONROD  1252701 14861   18661   2024    0.035
CONROD  1252702 16481   18681   2024    0.035
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CONROD  1252703 14861   16481   2024    0.[illegible]
CONROD  1252704 18661   14681   2024    0.[illegible]
$   OUTER SKIN   209-030-179-001   .025 ALUMINUM
CTRMEM  3790011 3212024 14461   14881   14881
CSHEAR  3790012 3212024 14861   15481   14881   14661
CONROD  3790101 14861   18661   2024    0.[illegible]
CONROD  3790102 16481   18681   2024    0.[illegible]
CONROD  3790103 14461   16481   2024    0.315
CONROD  3790104 18661   18681   2024    0.315
$
$                                   FRAME
$                               209-030-125-057
$
CONROD  1250571 14881   16481   2024    0.115
CONROD  1250572 16481   18681   2024    0.115
$
$                   UPPER MAIN BEAM CAP / LEFT-HAND SIDE
$                               209-030-157-001
$                       STA  61.25 TO STA 186.25
$                               209-030-160-005
$                       STA 186.25 TO STA 295.75
$
CONROD  1570011  6167    7067    7075    0.198
CONROD  1570012  7067    8567    7075    0.194
CONROD  1570013  8567    9367    7075    0.191
CONROD  1570014  9367    11567   7075    0.329
CONROD  1570015 11567   13867   7075    0.285
CONROD  1570016 13867   14867   7075    0.275
CONROD  1570017 14867   18669   7075    0.346
CONROD  1600051 18669   19769   7075    0.407
CONROD  1600052 19769   21369   7075    0.441
CONROD  1600053 21369   25069   7075    0.392
CONROD  1600054 25069   26869   7075    0.390
CONROD  1600055 26869   29969   7075    0.636
$
$                   LOWER MAIN BEAM CAP / LEFT-HAND SIDE
$                               209-030-156-003
$                       STA  61.25 TO STA 148.50
$
CONROD  1580031  6137    7037    7075    0.247
CONROD  1580032  7037    8537    7075    0.248
CONROD  1580033  8537    9337    7075    0.249
CONROD  1580034  9337    11537   7075    0.344
CONROD  1580035 11537   13837   7075    0.346
CONROD  1580036 13837   14837   7075    0.221
$
$                   LOWER MAIN BEAM CAP / LEFT-HAND SIDE
$                               209-030-159-005
$                       STA 138.70 TO STA 186.25
$                               209-030-161-019
$                       STA 186.25 TO STA 300.42
$
CONROD  1590051 13827   14427   7075    0.274
CONROD  1590052 14827   15627   7075    0.303
CONROD  1590053 15627   18629   7075    0.315
CONROD  1610191 18629   21329   7075    0.412
CONROD  1610192 21329   21429   7075    0.445
CONROD  1610193 21429   22729   7075    0.522
CONROD  1610194 22729   25029   7075    0.348
CONROD  1610195 25029   26829   7075    0.341
CONROD  1610196 26829   29929   7075    0.351
$
$               LOWER MAIN BEAM AUXILLARY CAP / LEFT-HAND SIDE
$                               209-030-161-013
$                       STA 138.70 TO STA 186.25
$
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CONROD  [illegible]                    14829    7075    0.125
CONROD  [illegible]                    15629    7075    0.125
CONROD  [illegible]                    18629    7075    0.125
$
$                  LOWER MAIN BEAM AUXILLARY CAP / LEFT-HAND SIDE
$                                209-030-211-053
$                              STA  +6.00 TO STA 144.50
$
CONROD  2110531   4637    6139    7075    0.059
CONROD  2110532   6139    7039    7075    0.187
CONROD  2110533   7039    8539    7075    0.190
CONROD  2110534   8539    9339    7075    0.193
CONROD  2110535   9339   11539    7075    0.243
CONROD  2110536  11539   13839    7075    0.247
CONROD  2110537  13839   14839    7075    0.166
$
$                  UPPER MAIN BEAM AUXILLARY CAP / LEFT-HAND SIDE
$                          209-030-210-045/055/071
$                            STA  61.25 TO STA 186.25
$
CONROD  2100451   6169    7069    7075    0.055
CONROD  2100452   7069    8569    7075    0.054
CONROD  2100453   8569    9369    7075    0.054
CONROD  2100551   9369   11569    7075    0.054
CONROD  2100552  11569   13869    7075    0.054
CONROD  2100553  13869   14869    7075    0.064
CONROD  2100711  14869   18669    7075    0.119
$
$                        COWLING ATTACH ANGLES - LEFT SIDE
$                                209-030-136-069
$                              STA 186.25 TO BS  41.32
$
CONROD  1360691  18669   19769    2024    0.386
CONROD  1360692  19769   21369    2024    0.411
CONROD  1360693  21369   25069    2024    0.162
CONROD  1360694  25069   26869    2024    0.082
CONROD  1360695  26869   29969    2024    0.071
$
$                          MAIN BEAM CHANNEL - LEFT SIDE
$                                209-030-182-001
$                             STA 186.25 TO STA 213.94
$
CONROD  1820011  18649   19749    7075    0.288
CONROD  1820012  19749   21349    7075    0.288
$
$                          MAIN BEAM WEB / LEFT-HAND SIDE
$                                209-030-129-199
$                             STA  61.25 TO STA  93.00
$
$   DOUBLERS
CONROD  1290754  6167    7067    7075    0.033
CONROD  1290755  7067    8567    7075    0.033
CONROD  1290731  8567    9367    7075    0.034
CONROD  1290756  6137    7037    7075    0.039
CONROD  1290991  7037    8537    7075    0.041
CONROD  1290992  8537    9337    7075    0.042
CONROD  1290757  6137    6147    7075    0.035
CONROD  1290758  6147    6167    7075    0.035
CONROD  1290791  9337    9347    7075    0.122
CONROD  1290792  9347    9367    7075    0.122
$   INNER SKIN   209-030-129-205    .025 ALUMINUM
CSHEAR  1292050 .257075  6137    7037    7047    6147
CONROD  1290501  6137    7037    7075    0.072
CONROD  1290502  6147    7047    7075    0.122
CONROD  1290511  6137    6147    7075    0.118
CONROD  1290513  7037    7047    7075    0.118
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CSHEAR   1292051 0257075 6147    7047    7067    6147
CONROD   1290503 6147    7047    7075    0.122
CONROD   1290504 6167    7067    7075    0.034
CONROD   1290512 6147    6167    7075    0.118
CONROD   1290514 7047    7067    7075    0.118
CSHEAR   1292052 0257075 7037    8537    8547    7047
CONROD   1290521 7037    8547    7075    0.075
CONROD   1290522 7047    8547    7075    0.126
CONROD   1290531 7037    7047    7075    0.181
CONROD   1290533 8537    8547    7075    0.181
CSHEAR   1292053 0257075 7047    8547    8567    7067
CONROD   1290523 7047    8547    7075    0.126
CONROD   1290524 7067    8567    7075    0.034
CONROD   1290532 7047    7067    7075    0.181
CONROD   1290534 8547    8567    7075    0.181
CSHEAR   1292054 0257075 8537    9337    9347    8547
CONROD   1290541 8537    9337    7075    0.075
CONROD   1290542 8547    9347    7075    0.130
CONROD   1290551 8537    8547    7075    0.123
CONROD   1290553 9337    9347    7075    0.123
CSHEAR   1292055 0257075 8547    9347    9367    8567
CONROD   1290543 8547    9347    7075    0.130
CONROD   1290544 8567    9367    7075    0.035
CONROD   1290552 8547    8567    7075    0.123
CONROD   1290554 9347    9367    7075    0.123
$    INTERIOR SKIN   209-330-129-075   .016 ALUMINUM
CSHEAR   1290751 0167075 6137    7037    7047    6147
CONROD   1297501 6137    7037    7075    0.025
CONROD   1297502 6147    7047    7075    0.069
CONROD   1297511 6137    6147    7075    0.061
CONROD   1297514 7037    7047    7075    0.061
CSHEAR   1290752 0167075 6147    7047    7067    6167
CONROD   1297503 6147    7047    7075    0.069
CONROD   1297504 6167    7067    7075    0.001
CONROD   1297512 6147    6167    7075    0.061
CONROD   1297514 7047    7067    7075    0.061
CSHEAR   1290753 0167075 7047    8547    8567    7067
CONROD   1297521 7047    8547    7075    0.011
CONROD   1297522 7067    8567    7075    0.011
CONROD   1297523 7047    7067    7075    0.102
CONROD   1297524 8547    8567    7075    0.102
$    INTERIOR SKIN   209-330-129-077   .012 ALUMINUM
CSHEAR   1290771 0127075 7047    8547    8567    7067
CONROD   1297701 7047    8547    7075    0.008
CONROD   1297702 7067    8567    7075    0.008
CONROD   1297703 7047    7067    7075    0.058
CONROD   1297704 8547    8567    7075    0.058
$    OUTER SKIN   209-330-129-201   .016 ALUMINUM
CSHEAR   1292011 0167075 6137    7037    7047    6147
CONROD   1290101 6137    7037    7075    0.026
CONROD   1290102 6147    7047    7075    0.071
CONROD   1290111 6137    6147    7075    0.065
CONROD   1290113 7037    7047    7075    0.065
CSHEAR   1292012 0167075 6147    7047    7067    6167
CONROD   1290103 6147    7047    7075    0.071
CONROD   1290104 6167    7067    7075    0.002
CONROD   1290112 6147    6167    7075    0.065
CONROD   1290114 7047    7067    7075    0.065
CSHEAR   1292013 0167075 7037    8537    8547    7047
CONROD   1290121 7037    8537    7075    0.026
CONROD   1290123 7047    8547    7075    0.074
CONROD   1290131 7037    7047    7075    0.116
CONROD   1290133 8537    8547    7075    0.116
CSHEAR   1292014 0167075 7047    8547    8567    7067
CONROD   1290123 7047    8547    7075    0.074
CONROD   1290124 7067    8567    7075    0.005
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CONROD  1290132   7347    7367    7075     0.116
CONROD  1290134   8547    8567    7075     0.116
CSHEAR  1292015 0167075   8537    8337     9347     8547
CONROD  1290141   8537    9337    7075     0.029
CONROD  1290142   8547    9347    7075     0.377
CONROD  1290151   8537    8547    7075     0.062
CONROD  1290153   9337    9347    7075     0.062
CSHEAR  1292016 0167075   8547    9347     9367     8567
CONROD  1290143   8547    9347    7075     0.377
CONROD  1290144   8567    9367    7075     0.003
CONROD  1290152   8547    8567    7075     0.062
CONROD  1290154   9347    9367    7075     0.062
$
$                          MAIN BEAM WEB / LEFT-HAND SIDE
$                                209-030-129-199
$                             STA  98.00 TO STA 138.70
$
$   DOUBLERS
CONROD  1290732   9367   11567    7075     0.044
CONROD  1290733  11567   13867    7075     0.044
CONROD  1291431   9347   11547    7075     0.093
CONROD  1291432  11547   13847    7075     0.093
CONROD  1291111   9337   11537    7075     0.052
CONROD  1291112  11537   13837    7075     0.052
CONROD  1290793   9337    9347    7075     0.056
CONROD  1290794   9347    9367    7075     0.056
CONROD  1290691  13837   13847    7075     0.058
CONROD  1290692  13847   13867    7075     0.058
$   INNER SKIN   209-030-129-205   .025 ALUMINUM
CSHEAR  1292056 0257075   9337   11537    11547    9347
CONROD  1290561   9337   11537    7075     0.078
CONROD  1290562   9347   11547    7075     0.134
CONROD  1290571   9337    9347    7075     0.256
CONROD  1290573  11537   11547    7075     0.256
CSHEAR  1292057 0257075   9347   11547    11567    9367
CONROD  1290563   9347   11547    7075     0.134
CONROD  1290564   9367   11567    7075     0.041
CONROD  1290572   9347    9367    7075     0.256
CONROD  1290574  11547   11567    7075     0.256
CSHEAR  1292058 0257075  11537   13837    13847   11547
CONROD  1290581  11537   13837    7075     0.076
CONROD  1290582  11537   13847    7075     0.139
CONROD  1290591  11537   11547    7075     0.249
CONROD  1290593  13837   13847    7075     0.249
CSHEAR  1292059 0257075  11547   13847    13867   11567
CONROD  1290583  11547   13847    7075     0.139
CONROD  1290584  11567   13867    7075     0.052
CONROD  1290592  11547   11567    7075     0.249
CONROD  1290594  13847   13867    7075     0.249
$   OUTER SKIN   209-030-129-185   .016 ALUMINUM
CSHEAR  1291851 0167075   9337   11537    11547    9347
CONROD  1298501   9337   11537    7075     0.028
CONROD  1298502   9347   11547    7075     0.028
CONROD  1298503   9337    9347    7075     0.159
CONROD  1298504  11537   11547    7075     0.159
CSHEAR  1291852 0167075  11537   13837    13847   11547
CONROD  1298511  11537   13837    7075     0.031
CONROD  1298512  11547   13847    7075     0.031
CONROD  1298513  11537   11547    7075     0.154
CONROD   298516  13837   13847    7075     0.154
$   OUTER SKIN   209-030-129-137   .016 ALUMINUM
CSHEAR  1291371 0167075   9347   11547    11567    9367
CONROD  1293701   9347   11547    7075     0.012
CONROD  1293702   9367   11567    7075     0.012
CONROD  1293703   9347    9367    7075     0.159
CONROD  1293704  11547   11567    7075     0.159
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CSHEAR  1291372 0167075 11567   13867   13867   11567
CONROD  1291711 11567   13867   7075    0.011
CONROD  1291712 11567   13867   7075    0.011
CONROD  1291713 11567   11567   7075    0.154
CONROD  1291714 13867   13867   7075    0.154
$
$                       MAIN BEAM WEB / LEFT-HAND SIDE
$                              209-030-129-199
$                         STA 138.70 TO STA 148.50
$
$   DOUBLERS
CONROD  1290695 13867   14867   7075    0.097
CONROD  1290696 13868   13867   7075    0.104
CONROD  1290697 13867   14867   7075    0.104
CONROD  1291253 13837   14837   7075    0.090
CONROD  1290695 13867   13868   7075    0.090
CONROD  1291254 13847   13837   7075    0.041
CONROD  1290699 14867   14847   7075    0.381
CONROD  1291255 14847   14837   7075    0.037
$   INNER SKIN   209-030-129-141   .025 ALUMINUM
CSHEAR  1291411 0257075 13807   14807   14827   13827
CONROD  1294101 13807   14807   7075    0.057
CONROD  1294102 13827   14827   7075    0.158
CONROD  1294111 13807   13827   7075    0.120
CONROD  1294115 14807   14827   7075    0.120
CSHEAR  1291412 0257075 13827   14827   14837   13837
CONROD  1294103 13827   14827   7075    0.158
CONROD  1294104 13837   14837   7075    0.088
CONROD  1294112 13827   13837   7075    0.120
CONROD  1294116 14827   14837   7075    0.120
CTRMEM  1291413 0257075 13837   13847   13848
CSHEAR  1291414 0257075 13837   14837   14847   13847
CONROD  1294105 13837   14837   7075    0.078
CONROD  1294106 13847   14847   7075    0.143
CONROD  1294113 13847   13847   7075    0.121
CONROD  1294117 14847   14847   7075    0.121
CSHEAR  1291415 0257075 13848   13847   14867   13867
CONROD  1294107 13848   13847   7075    0.143
CONROD  1294108 13867   14867   7075    0.361
CONROD  1294114 13848   13867   7075    0.122
CONROD  1294118 13847   14867   7075    0.122
CTRMEM  1291416 0257075 13847   14847   14867
$   INTERIM SKIN   209-030-129-[illegible]   .040 ALUMINUM
CSHEAR  1290691 0407075 13807   14807   14827   13827
CONROD  1296901 13807   14807   7075    0.169
CONROD  1296902 13827   14827   7075    0.169
CONROD  1296911 13807   13827   7075    0.191
CONROD  1296914 14807   14827   7075    0.191
CSHEAR  1290692 0407075 13827   14827   14837   13837
CONROD  1296903 13827   14827   7075    0.201
CONROD  1296904 13837   14837   7075    0.201
CONROD  1296912 13827   13837   7075    0.191
CONROD  1296915 14827   14837   7075    0.191
CTRMEM  1290693 0407075 13837   13847   13848
CSHEAR  1290694 0407075 13837   14837   14847   13847
CONROD  1296905 13837   14837   7075    0.151
CONROD  1296906 13847   14847   7075    0.151
CONROD  1296913 13837   13847   7075    0.194
CONROD  1296916 14837   14847   7075    0.194
$   OUTER SKIN   209-030-129-125   .020 ALUMINUM
CSHEAR  1291251 0207075 13807   14807   14827   13827
CONROD  1292501 13807   14807   7075    0.048
CONROD  1292502 13827   14827   7075    0.122
CONROD  1292511 13807   13827   7075    0.096
CONROD  1292513 14807   14827   7075    0.096
CSHEAR  1291252 0207075 13827   14827   14837   13837
```

```
CONROD  1292503 13827   14827   7075    0.122
CONROD  1292504 13837   14837   7075    0.044
CONROD  1292512 13827   13837   7075    0.096
CONROD  1292514 14827   14837   7075    0.096
$   OUTER SKIN   209-030-129-057   .016 ALUMINUM
CSHEAR  1290571 0167075 13837   14937   14847   13847
CONROD  1295701 13837   14837   7075    0.014
CONROD  1295702 13847   14847   7075    0.014
CONROD  1295703 13837   13847   7075    0.056
CONROD  1295704 14837   14847   7075    0.056
$   OUTER SKIN   209-030-129-059   .025 ALUMINUM
CSHEAR  1290591 0257075 13848   13847   14867   13867
CONROD  1295921 13848   13847   7075    0.053
CONROD  1295922 13867   14867   7075    0.053
CONROD  1295923 13848   13867   7075    0.094
CONROD  1295924 13847   14867   7075    0.094
CTRMEM  1290592 0257075 13847   14847   14867
$                       MAIN BEAM WEB / LEFT-HAND SIDE
$                              209-030-138-035
$                          STA 148.50 TO STA 186.25
$
$   DOUBLERS
CONROD  1380291 14867   18669   7075    0.139
CONROD  1380433 14827   15627   7075    0.182
CONROD  1380311 15627   18629   7075    0.186
CONROD  1380432 14827   14837   7075    0.075
CONROD  1380491 14837   14847   7075    0.075
CONROD  1380492 14847   14867   7075    0.075
CONROD  1380191 18629   18639   7075    0.070
CONROD  1380192 18639   18649   7075    0.070
CONROD  1380193 18649   18654   7075    0.070
CONROD  1380194 18654   18659   7075    0.070
CONROD  1380195 18659   18669   7075    0.070
$   INNER SKIN   209-030-138-041   .020 GLASS FABRIC
CSHEAR  1380411 0200076 14827   15627   15637   14837
CONROD  1384101 14827   15627   0076    0.088
CONROD  1384102 14837   15637   0076    0.088
CONROD  1384103 14827   14837   0076    0.071
CONROD  1384104 15627   15637   0076    0.071
CSHEAR  1380412 0200076 15627   18629   18639   15637
CONROD  1384111 15627   18629   0076    0.088
CONROD  1384112 15637   18639   0076    0.088
CONROD  1384121 15627   15637   0076    0.298
CONROD  1384124 18629   18639   0076    0.298
CTRMEM  1380413 0200076 14837   15637   14847
CSHEAR  1380414 0200076 15637   18639   18649   14847
CONROD  1384113 15637   18639   0076    0.096
CONROD  1384114 14847   18649   0076    0.096
CONROD  1384122 15637   14847   0076    0.334
CONROD  1384125 18639   18649   0076    0.334
CSHEAR  1380415 0200076 14847   18654   18659   14867
CONROD  1384115 14847   18654   0076    0.075
CONROD  1384116 14867   18659   0076    0.075
CONROD  1384123 14847   14867   0076    0.369
CONROD  1384126 18654   18659   0076    0.369
$   INTERIOR SKIN   209-030-138-035   .016 TITANIUM
CSHEAR  1380351 0169046 14827   15627   15637   14837
CONROD  1383501 14827   15627   9046    0.031
CONROD  1383502 14837   15637   9046    0.031
CONROD  1383503 14827   14837   9046    0.056
CONROD  1383504 15627   15637   9046    0.066
$   INTERIOR SKIN   209-030-138-043   .040 TITANIUM
CSHEAR  1380431 0409046 14827   15627   15637   14837
CONROD  1384301 14827   15627   9046    0.096
CONROD  1384302 14837   15637   9046    0.096
CONROD  1384303 14827   14837   9046    0.183
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CTNROD  1384504 15627   15637   9046    0.183
$   OUTER SKIN   209-030-138-045   .012 TITANIUM
CSHEAR  1380451 0129046 14827   15627   15637   14837
CONROD  1384501 14827   15627   9046    0.053
CONROD  1384502 14837   15637   9046    0.053
CONROD  1384503 14827   14837   9046    0.042
CONROD  1384504 15627   15637   9046    0.042
CSHEAR  1380452 0129046 15627   18629   18639   15637
CONROD  1384511 15627   18629   9046    0.053
CONROD  1384512 15637   18639   9046    0.053
CONROD  1384521 15627   15637   9046    0.179
CONROD  1384524 18629   18639   9046    0.179
CTRMEM  1380453 0129046 14837   15637   14847
CSHEAR  1380454 0129046 15637   18639   18649   14847
CONROD  1384513 15637   18639   9046    0.058
CONROD  1384514 14847   18649   9046    0.058
CONROD  1384522 15637   14847   9046    0.200
CONROD  1384525 18639   18649   9046    0.200
CSHEAR  1380455 0129046 14847   18654   18659   14867
CONROD  1384515 14847   18654   9046    0.045
CONROD  1384516 14867   18659   9046    0.045
CONROD  1384523 14847   14867   9046    0.221
CONROD  1384526 18654   18659   9046    0.221
$
$                       MAIN BEAM WEB / LEFT-HAND SIDE
$                            209-030-137-031
$                         STA 186.28 TO STA 213.94
$
$   DOUBLERS
CONROD  1370355 19769   21349   7075    0.064
CONROD  1370354 19749   21349   7075    0.156
CONROD  1370356 19749   19759   7075    0.156
CONROD  1370357 19759   19769   7075    0.156
CONROD  1370358 21349   21369   7075    0.089
$   INNER SKIN   209-030-137-023   .012 ALUMINUM
CSHEAR  1370231 0127075 19749   21349   21369   19759
CONROD  1372301 19749   21349   7075    0.016
CONROD  1372302 19759   21369   7075    0.016
CONROD  1372303 19749   19759   7075    0.076
CONROD  1372304 21349   21369   7075    0.076
CTRMEM  1370232 0127075 19759   21369   19769
$   INNER SKIN   209-030-137-035   .040 ALUMINUM
CTRMEM  1370351 0407075 18649   19749   18654
CSHEAR  1370352 0407075 18654   19749   19759   18659
CONROD  1373501 18654   19749   7075    0.139
CONROD  1373502 18659   19759   7075    0.117
CONROD  1373511 18654   18659   7075    0.213
CONROD  1373513 19749   19759   7075    0.213
CSHEAR  1370353 0407075 18659   19759   19769   18669
CONROD  1373503 18659   19759   7075    0.117
CONROD  1373504 18669   19769   7075    0.001
CONROD  1373512 18659   18669   7075    0.213
CONROD  1373514 19759   19769   7075    0.213
$   OUTER SKIN   209-030-137-005   .040 ALUMINUM
CTRMEM  1370051 0407075 18649   19749   18654
CSHEAR  1370052 0407075 18654   19749   19759   18659
CONROD  1370501 18654   19749   7075    0.143
CONROD  1370502 18659   19759   7075    0.095
CONROD  1370511 18654   18659   7075    0.213
CONROD  1370513 19749   19759   7075    0.213
CSHEAR  1370053 0407075 18659   19759   19769   18669
CONROD  1370503 18659   19759   7075    0.095
CONROD  1370504 18669   19769   7075    0.119
CONROD  1370512 18659   18669   7075    0.213
CONROD  1370514 19759   19769   7075    0.213
CSHEAR  1370054 0407075 19749   21349   21369   19759
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CONROD  1370521 19749   21349   7075    0.143
CONROD  1370522 19759   21369   7075    0.143
CONROD  1370523 19749   19759   7075    0.341
CONROD  1370524 21349   21369   7075    0.341
CTRMEM  1370055 0407075 19759   21369   19769
$
$                       MAIN BEAM WEB / LEFT-HAND SIDE
$                              209-030-130-017
$                          STA 180.28 TO STA 213.94
$
CONROD  1800171 18629   21349   2024    0.491
$
$                       MAIN BEAM WEB / LEFT-HAND SIDE
$                              209-030-119-001
$                          STA 213.94 TO STA 250.00
$
$   DOUBLERS
CONROD  1190211 21369   25069   7075    0.229
CONROD  1190171 21329   21829   7375    0.284
CONROD  1190172 21829   22729   7075    0.300
CONROD  1190173 22729   25029   7075    0.353
CONROD  1190231 21329   21349   7075    0.178
CONROD  1190232 21349   21369   7075    0.178
CONROD  1190191 25029   25049   7075    0.167
CONROD  1190192 25049   25069   7075    0.167
$   INNER SKIN   209-030-119-009   .020 GLASS FABRIC
CTRMEM  1190091 0200076 21329   21829   21349
CTRMEM  1190092 0200076 21829   22729   21349
CSHEAR  1190093 0200076 22729   25029   25049   21349
CONROD  1190901 22729   25029   0076    0.131
CONROD  1190902 21349   25049   0076    0.203
CONROD  1190911 22729   21349   0076    0.292
CONROD  1190913 25029   25049   0076    0.292
CSHEAR  1190094 0200076 21349   25049   25069   21369
CONROD  1190903 21349   25049   0076    0.203
CONROD  1190904 21369   25069   0076    0.034
CONROD  1190912 21349   21369   0076    0.361
CONROD  1190914 25049   25069   0076    0.361
$   INTERIOR SKIN   209-030-119-013   .032 TITANIUM
CTRMEM  1190131 0329046 21329   21829   21349
CTRMEM  1190132 0329046 21829   22729   21349
$   OUTER SKIN   209-030-119-005   .016 TITANIUM
CTRMEM  1190051 0169046 21329   21829   21349
CTRMEM  1190052 0169046 21829   22729   21349
CSHEAR  1190053 0169046 22729   25029   25049   21349
CONROD  1190501 22729   25029   9046    0.105
CONROD  1190502 21349   25049   9046    0.162
CONROD  1190511 22729   21349   9046    0.234
CONROD  1190513 25029   25049   9046    0.234
CSHEAR  1190054 0169046 21349   25049   25069   21369
CONROD  1190503 21349   25049   9046    0.162
CONROD  1190504 21369   25069   9046    0.027
CONROD  1190512 21349   21369   9046    0.288
CONROD  1190514 25049   25069   9046    0.288
$
$                       MAIN BEAM WEB / LEFT-HAND SIDE
$                              209-030-117-047
$                          STA 250.00 TO BS  41.32
$
$   DOUBLERS
CONROD  1170191 26869   29969   7075    0.069
CONROD  1170211 26829   29929   7075    0.068
CONROD  1170511 26829   26849   7075    0.043
CONROD  1170512 26849   26869   7075    0.043
CONROD  1170231 29929   29949   7075    0.053
CONROD  1170232 29949   29969   7075    0.053
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$    INNER SKIN   209-030-117-011    .016 ALUMINUM
CSHEAR   1170111 0167075 25029    26829    26849    25049
CONROD   1171101 25029    26829    7075     0.066
CONROD   1171102 25049    26849    7075     0.148
CONROD   1171111 25029    25049    7075     0.118
CONROD   1171113 26829    26849    7075     0.113
CSHEAR   1170112 0167075 25049    26849    26869    25069
CONROD   1171103 25049    26849    7075     0.148
CONROD   1171104 25069    26869    7075     0.020
CONROD   1171112 25049    25069    7075     0.118
CONROD   1171114 26849    26869    7075     0.118
$    INNER SKIN   209-030-117-039    .008 ALUMINUM
CSHEAR   1170391 0082024 26829    29929    29949    26849
CONROD   1173901 26829    29929    2024     0.023
CONROD   1173902 26849    29949    2024     0.069
CONROD   1173911 26829    26849    2024     0.116
CONROD   1173913 29929    29949    2024     0.116
CSHEAR   1170392 0082024 26849    29949    29969    26869
CONROD   1173903 26849    29949    2024     0.069
CONROD   1173904 26869    29969    2024     0.014
CONROD   1173912 26849    26869    2024     0.116
CONROD   1173914 29949    29969    2024     0.116
$    INTERIOR SKIN   209-030-117-051    .040 ALUMINUM
CSHEAR   1170511 0407075 25029    26829    26849    25049
CONROD   1175101 25029    26829    7075     0.235
CONROD   1175102 25049    26849    7075     0.381
CONROD   1175111 25029    25049    7075     0.365
CONROD   1175113 26829    26849    7075     0.365
CSHEAR   1170512 0407075 25049    26849    26869    25069
CONROD   1175103 25049    26849    7075     0.381
CONROD   1175104 25069    26869    7075     0.118
CONROD   1175112 25049    25069    7075     0.365
CONROD   1175114 26849    26869    7075     0.365
$    OUTER SKIN   209-030-117-005    .016 ALUMINUM
CSHEAR   1170051 0167075 25029    26829    26849    25049
CONROD   1170501 25029    26829    7075     0.094
CONROD   1170502 25049    26849    7075     0.152
CONROD   1170513 25029    25049    7075     0.146
CONROD   1170515 26829    26849    7075     0.146
CSHEAR   1170052 0167075 25049    26849    26869    25069
CONROD   1170503 25049    26849    7075     0.152
CONROD   1170504 25069    26869    7075     0.047
CONROD   1170514 25049    25069    7075     0.146
CONROD   1170516 26849    26869    7075     0.146
CSHEAR   1170353 0167075 26829    29929    29949    26849
CONROD   1170521 26829    29929    7075     0.081
CONROD   1170522 26849    29949    7075     0.146
CONROD   1170531 26829    26849    7075     0.250
CONROD   1170533 29929    29949    7075     0.250
CSHEAR   1170054 0167075 26849    29949    29969    26869
CONROD   1170523 26849    29949    7075     0.146
CONROD   1170524 26869    29969    7075     0.062
CONROD   1170532 26849    26869    7075     0.250
CONROD   1170534 29949    29969    7075     0.250
$
$                    SIDE PANEL,   D FRAMES / LEFT SIDE
$                        STA  61.25 TO STA 136.25
$
$
$                                CANOPY FRAME
$                               209-030-530-309
$
CONROD   5003091  6169     7079     7075     0.191
CONROD   5003092  7079     8579     7075     0.192
CONROD   5003093  8579     9379     7075     0.193
CONROD   5003094  9379     11579    7075     0.206
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CONROD  5003095 11579   13879   7375    0.206
CONROD  5003096 13879   14889   7375    0.235
$
$                                       SKIN
$                                  209-030-179-163
$
CTRMEM  1791631 0322024 6169    7079    7069
CSHEAR  1791632 0322024 7069    7079    8579    8569
CONROD  1796301 7069    8569    2024    0.340
CONROD  1796302 7079    8579    2024    0.340
CONROD  1796303 7069    7079    2024    0.232
CONROD  1796304 8569    8579    2024    0.232
CSHEAR  1791633 0322024 8569    8579    9379    9369
CONROD  1796311 8569    9369    2024    0.372
CONROD  1796312 8579    9379    2024    0.372
CONROD  1796313 8569    8579    2024    0.202
CONROD  1796314 9369    9379    2024    0.202
CSHEAR  1791634 0322024 9369    9379    11579   11569
CONROD  1796321 9369    11569   2024    0.102
CONROD  1796322 9379    11579   2024    0.102
CONROD  1796323 9369    9379    2024    0.270
CONROD  1796324 11569   11579   2024    0.270
CSHEAR  1791635 0322024 11569   11579   13879   13869
CONROD  1796331 11569   13869   2024    0.130
CONROD  1796332 11579   13879   2024    0.130
CONROD  1796333 11569   11579   2024    0.248
CONROD  1796334 13869   13879   2024    0.248
CSHEAR  1791636 0322024 13869   13879   14889   14869
CONROD  1796341 13869   14869   2024    0.183
CONROD  1796342 13879   14889   2024    0.183
CONROD  1796343 13869   13879   2024    0.321
CONROD  1796344 14869   14889   2024    0.321
$
$                                       PANEL
$                                  209-030-125-141
$
$   DOUBLERS
CONROD  1250971 14869   18669   2024    0.084
CONROD  1250131 14889   16489   2024    0.064
CONROD  1250132 16489   18689   2024    0.064
CONROD  1250171 14869   14889   2024    0.070
CONROD  1250151 18669   18689   2024    0.070
$   INNER SKIN   209-030-125-023    .008 ALUMINUM
CTRMEM  1250231 0082024 14869   14889   16489
CSHEAR  1250232 0082024 14869   16489   18689   18669
CONROD  1252301 14869   18669   2024    0.035
CONROD  1252302 16489   18689   2024    0.035
CONROD  1252303 14869   16489   2024    0.120
CONROD  1252304 18669   18689   2024    0.120
$   OUTER SKIN   209-030-125-091    .016 ALUMINUM
CTRMEM  1250911 0162024 14869   14889   16489
CSHEAR  1250912 0162024 14869   16489   18689   18669
CONROD  1259101 14869   18669   2024    0.098
CONROD  1259102 16489   18689   2024    0.098
CONROD  1259103 14869   16489   2024    0.240
CONROD  1259104 18669   18689   2024    0.240
$
$                                       FRAME
$                                  209-030-125-077
$
CONROD  1250771 14889   16489   2024    0.115
CONROD  1250772 16489   18689   2024    0.115
$
$                   TAILBOOM - ELASTIC AXIS REPRESENTATION
$                                  209-030-800
$
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CBAR     3003170 3003170 30945   31745   0.0     0.0     1.0     1
PBAR     3003170 1       42.74   6244.6  5139.4  1426.6
CBAR     3173380 3173380 31745   33345   0.0     0.0     1.0     1
PBAR     3173380 1       47.46   5800.1  4640.4  2317.4
CBAR     3383590 3383590 33845   35445   0.0     0.0     1.0     1
PBAR     3383590 1       41.49   4650.6  3370.6  1864.0
CBAR     3593800 3593800 35945   37545   0.0     0.0     1.0     1
PBAR     3593800 1       38.74   3323.3  2797.6  1425.4
CBAR     3804010 3804010 38045   40145   0.0     0.0     1.0     1
PBAR     3804010 1       37.56   2331.9  2419.3  1113.3
CBAR     4014220 4014220 40145   42245   0.0     0.0     1.0     1
PBAR     4014220 1       36.72   1782.4  1919.3  881.7
CBAR     4224430 4224430 42245   44345   0.0     0.0     1.0     1
PBAR     4224430 1       34.77   1322.7  1418.8  634.5
CBAR     4434520 4434520 44345   46245   0.0     0.0     1.0     1
PBAR     4434520 1       34.59   1130.4  1094.5  469.2
CBAR     4524640 4524640 45245   46445   0.0     0.0     1.0     1
PBAR     4524640 1       35.55   1159.1  1008.0  428.4
$
$                    VERTICAL FIN - ELASTIC AXIS REPRESENTATION
$                                 209-340-501
$
CBAR     4644800 4644800 46445   48345   0.0     0.0     1.0     1
PBAR     4644800 1       38.53   3150.   320.25  113.5
CBAR     4804880 4804880 48045   49845   0.0     0.0     1.0     1
PBAR     4804880 1       35.13   1900.   294.    82.2
CBAR     4884970 4884970 48845   49745   0.0     0.0     1.0     1
PBAR     4884970 1       32.70   1620.   256.    69.0
CBAR     4975060 4975060 49745   50645   0.0     0.0     1.0     1
PBAR     4975060 1       30.25   1540.   236.25  56.5
CBAR     5065150 5065150 50645   51545   0.0     0.0     1.0     1
PBAR     5065150 1       27.85   1350.   175.75  46.5
CBAR     5155200 5155200 51545   52345   0.0     0.0     1.0     1
PBAR     5155200 1       25.45   850.    126.    43.7
$
$                                    ELEVATOR
$                                 209-320-800
$
CBAR     4014345 4014345 40143   40145   0.0     0.0     1.0     1       ELEV R
GELEV R  56
PBAR     4014345 2024    2.3140  1.3529  1.3529  2.7058
CBAR     4014547 4014547 40145   40147   0.0     0.0     1.0     1       ELEV L
GELEV L          56
PBAR     4014547 2024    2.3140  1.3529  1.3529  2.7058
CBAR     4014142 4014142 40141   40142   0.0     0.0     1.0     1
PBAR     4014142 2024    0.9471  0.4507  0.4507  0.9014
CBAR     4014243 4014243 40142   40143   0.0     0.0     1.0     1
PBAR     4014243 2024    1.6745  0.8938  0.8938  1.7875
CBAR     4014347 4014347 40143   40147   0.0     0.0     1.0     1
PBAR     4014347 2024    2.3140  1.3529  1.3529  2.7058
CBAR     4014748 4014748 40147   40148   0.0     0.0     1.0     1
PBAR     4014748 2024    1.6745  0.8938  0.8938  1.7875
CBAR     4014849 4014849 40148   40149   0.0     0.0     1.0     1
PBAR     4014849 2024    0.9471  0.4507  0.4507  0.9014
$
$                          MAIN ROTOR PYLON SUPPORT STRUCTURE
$
$
$                                  PYLON BEAM - RIGHT SIDE
$                                     209-330-121-061
$                                STA 136.25 TO STA 213.94
$
CBAR     1210611 1210611 14583   15943   0.0     0.0     1.0     1
PBAR     1210611 7075    0.643   0.3418  0.0812  0.0
CBAR     1210612 1210612 18983   21183   0.0     0.0     1.0     1
PBAR     1210612 7075    0.643   0.3418  0.0812  0.0
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CBAR     1210613 1210613 21183   21383   0.0     0.0     1.0     1
PBAR     1210613 7075    0.643   0.3418  2.0812  0.0
$
$                          FWD PYLON POST - RIGHT SIDE
$
CBAR     1070321 1070321 18663   18683   1.0     0.0     0.0     1
PBAR     1070321 7075    2.100   13.035  6.442   0.0
MPC      1000    18683   6       1.0     18687   1       -.040404        RFPOST6
&RFPOST6         18683   1        .040404
$
$                          AFT PYLON POST - RIGHT SIDE
$
CBAR     1210101 1210101 21363   21383   1.0     0.0     0.0     1
PBAR     1210101 7075    1.643   5.770   5.205   0.0
$
$                       AFT PYLON POST LEG - RIGHT SIDE
$
CONROD   1210102 21343   21363   7075    0.473
$
$                               DIAGONAL - RIGHT SIDE
$
CONROD   1210591 21345   21364   7075    0.137
CONROD   1210592 21364   21383   7075    0.137
$
$                                  WEB - RIGHT SIDE
$
CTRMEM   1210590 0507075 21363   21364   21383
$
$                      MAIN BEAM CAP AXIALS - RIGHT SIDE
$
CONROD   1210321 18661   19761   7075    0.241
CONROD   1210322 19761   21361   7075    0.241
$
$                           PYLON BEAM - LEFT SIDE
$                               209-030-121-021
$                         STA 186.25 TO STA 213.94
$
CBAR     1210211 1210211 18687   18987   0.0     0.0     1.0     1
PBAR     1210211 7075    0.643   0.3418  2.0812  0.0
CBAR     1210212 1210212 18987   21187   0.0     0.0     1.0     1
PBAR     1210212 7075    0.643   0.3418  2.0812  0.0
CBAR     1210213 1210213 21187   21387   0.0     0.0     1.0     1
PBAR     1210213 7075    0.643   0.3418  2.0812  0.0
$
$                          FWD PYLON POST - LEFT SIDE
$
CBAR     1070311 1070311 18667   18687   1.0     0.0     0.0     1
PBAR     1070311 7075    2.100   13.035  6.442   0.0
MPC      1000    18687   6       1.0     18683   6       -1.0            LFPOST6
$
$                          AFT PYLON POST - LEFT SIDE
$
CBAR     1210091 1210091 21367   21387   1.0     0.0     0.0     1
PBAR     1210091 7075    1.643   5.770   5.205   0.0
$
$                       AFT PYLON POST LEG - LEFT SIDE
$
CONROD   1210092 21347   21367   7075    0.707
$
$                               DIAGONAL - LEFT SIDE
$
CONROD   1210471 21345   21366   7075    0.137
CONROD   1210472 21366   21387   7075    0.137
$
$                                  WEB - LEFT SIDE
$
```

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CTRMEM  1210470 0507075 21366    1167    .1167
$
$                        MAIN BEAM CAP AXIALS - LEFT SIDE
$
CONROD  1210311 18669   19769   7075    0.241
CONROD  1210312 19769   21369   7075    0.241
$
$                          AFT PYLON MOUNT CROSS BEAM
$                                209-031-344-001
$
CBAR    3440011 3440011 21383   21485   0.0     0.0     1.0     1       3440011
&3440011                0.56    0.0     -2.96   0.0     0.0     -2.96
PBAR    3440011 2014    1.405   2.216   0.0     0.0
CBAR    3440012 3440012 21485   21387   0.0     0.0     1.0     1       3440012
&3440012                0.0     0.0     -2.96   0.56    0.0     -2.96
PBAR    3440012 2014    1.405   2.216   0.0     0.0
$
$                          AMMUNITION FLOOR - WL 27.90
$                                209-030-219-005
$                           STA  93.00 TO STA 138.70
$
$   DOUBLERS
CONROD  2190311  9313   11503   2024    0.196
CONROD  2190312 11503   13803   2024    0.196
CONROD  2190313  9317   11507   2024    0.196
CONROD  2190314 11507   13807   2024    0.196
CONROD  2190271  9313    9317   2024    0.046
CONROD  2190431 13803   13807   2024    0.047
$   LOWER SKIN   209-030-219-015   .020 ALUMINUM
CSHEAR  2190151 0202024  9313   11503   11507    9317
CONROD  2191503  9313   11503   2024    0.186
CONROD  2191504  9317   11507   2024    0.186
CONROD  2191501  93..    9317   2024    0.233
CONROD  2191502 11503   11507   2024    0.233
CSHEAR  2190152 0202024 11503   13803   13807   11507
CONROD  2191507 11503   13803   2024    0.186
CONROD  2191508 11507   13807   2024    0.186
CONROD  2191505 11503   11507   2024    0.238
CONROD  2191506 13803   13807   2024    0.238
$   UPPER SKIN   209-030-219-019    .025 ALUMINUM
CSHEAR  2190191 0252024  9313   11503   11507    9317
CONROD  2191903  9313   11503   2024    0.044
CONROD  2191904  9317   11507   2024    0.044
CONROD  2191901  9313    9317   2024    0.272
CONROD  2191902 11503   11507   2024    0.272
CSHEAR  2190192 0252024 11503   13803   13807   11507
CONROD  2191907 11503   13803   2024    0.044
CONROD  2191908 11507   13807   2024    0.044
CONROD  2191905 11503   11507   2024    0.279
CONROD  2191906 13803   13807   2024    0.279
$
$                       FORWARD FUEL CELL FLOOR - WL 35.97
$                                209-030-212-001
$                           STA 138.70 TO STA 148.50
$                                209-030-204-063
$                           STA 148.50 TO STA 186.25
$
$   DOUBLERS
CONROD  2044711 14821   15621   7075    0.019
CONROD  2044712 14823   15623   7075    0.205
CONROD  2044713 14827   15627   7075    0.205
CONROD  2044714 14829   15629   7075    0.019
CONROD  2044715 14823   14827   7075    0.176
CONROD  2044716 15621   15623   7075    0.296
CONROD  2044717 15623   15625   7075    0.294
CONROD  2044718 15625   15627   7075    0.294
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CONROD  2044719 15627   15629   7075    0.296
CONROD  2044720 15621   18621   7075    0.050
CONROD  2044721 15623   18621   7075    0.195
CONROD  2044722 15627   18629   7075    0.195
CONROD  2044723 15629   18629   7075    0.050
CONROD  2044724 18621   18623   7075    0.180
CONROD  2044725 18623   18625   7075    0.180
CONROD  2044726 18625   18627   7075    0.180
CONROD  2044727 18627   18629   7075    0.180
$   LOWER SKIN   209-030-212-001    .040 ALUMINUM
CSHEAR  2120011 0407075 13823   14823   14827   13827
CONROD  2120101 13823   14823   2024    0.133
CONROD  2120102 13827   14827   2024    0.133
CONROD  2120103 13823   13827   2024    0.392
CONROD  2120104 14823   14827   2024    0.392
$   LOWER SKIN   209-030-204-081    .016 TITANIUM
CSHEAR  2040811 0169046 14821   15621   15623   14823
CONROD  2048101 14821   15621   9046    0.050
CONROD  2048102 14823   15623   9046    0.050
CONROD  2048105 14821   14823   9046    0.062
CONROD  2048107 15621   15623   9046    0.062
CTRMEM  2040812 0169046 14823   15623   15625
CTRMEM  2040813 0169046 14823   15625   14827
CTRMEM  2040814 0169046 14827   15625   15627
CSHEAR  2040815 0169046 14827   15627   15629   14829
CONROD  2048103 14827   15627   9046    0.050
CONROD  2048104 14829   15629   9046    0.050
CONROD  2048106 14827   14829   9046    0.062
CONROD  2048108 15627   15629   9046    0.062
CTRMEM  2040821 0169046 15621   18621   15623
CTRMEM  2040822 0169046 15623   18621   18623
CSHEAR  2040823 0169046 15623   18623   18625   15625
CONROD  2048201 15623   18623   9046    0.057
CONROD  2048202 15625   18625   9046    0.115
CONROD  2048205 15623   15625   9046    0.238
CONROD  2048207 18623   18625   9046    0.238
CSHEAR  2040824 0169046 15625   18625   18627   15627
CONROD  2048203 15625   18625   9046    0.115
CONROD  2048204 15627   18627   9046    0.057
CONROD  2048206 15625   15627   9046    0.238
CONROD  2048208 18625   18627   9046    0.238
CTRMEM  2040825 0169046 15627   18627   18629
CTRMEM  2040826 0169046 15627   18629   15629
$   INTERIOR SKIN   209-030-204-047    .050 TITANIUM
CSHEAR  2040471 0509046 14821   15621   15623   14823
CONROD  2044701 14821   15621   9046    0.152
CONROD  2044702 14823   15623   9046    0.152
CONROD  2044705 14821   14823   9046    0.195
CONROD  2044707 15621   15623   9046    0.195
CSHEAR  2040472 0509046 14827   15627   15629   14829
CONROD  2044703 14827   15627   9046    0.152
CONROD  2044704 14829   15629   9046    0.152
CONROD  2044706 14827   14829   9046    0.195
CONROD  2044708 15627   15629   9046    0.195
$   UPPER SKIN   209-030-204-079    .020 GLASS FABRIC
CTRMEM  2040791 0200076 14823   15623   15625
CTRMEM  2040792 0200076 14823   15625   14827
CTRMEM  2040793 0200076 14827   15625   15627
CTRMEM  2040796 0200076 15623   18621   18623
CSHEAR  2040795 0200076 15623   18623   18625   15625
CONROD  2047901 15623   18623   0076    0.072
CONROD  2047902 15625   18625   0076    0.144
CONROD  2047905 15623   15625   0076    0.298
CONROD  2047907 18623   18625   0076    0.298
CSHEAR  2040796 0200076 15625   18625   18627   15627
CONROD  2047903 15625   18625   0076    0.144
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CONROD  2047904 15627   18627   7075    0.372
CONROD  2047906 15625   15627   7075    0.298
CONROD  2047908 18625   18627   7075    0.298
CTRMEM  2047797 3200076 15627   18627   18629
$
$                              PYLON FLOOR - WL 35.97
$                                  209-030-205-059
$                              STA 186.25 TO STA 213.94
$
$   DOUBLERS
CONROD  2050431 18621   21321   7075    0.024
CONROD  2050651 18627   21327   7075    0.193
CONROD  2050652 18629   21329   7075    0.053
CONROD  2050432 18621   18623   7075    0.040
CONROD  2050433 18623   18625   7075    0.040
CONROD  2050434 18625   18627   7075    0.040
CONROD  2050435 18627   18629   7075    0.040
CONROD  2050436 21321   21323   7075    0.104
CONROD  2050437 21323   21325   7075    0.104
CONROD  2050438 21325   21327   7075    0.104
CONROD  2050439 21327   21329   7075    0.104
$   LOWER SKIN   209-030-205-055   .016 ALUMINUM
CSHEAR  2050551 0167075 18621   21321   21323   18623
CONROD  2055501 18621   21321   7075    0.018
CONROD  2055502 18623   21323   7075    0.094
CONROD  2055511 18621   18623   7075    0.221
CONROD  2055515 21321   21323   7075    0.221
CSHEAR  2050552 0167075 18623   21323   21325   18625
CONROD  2055503 18623   21323   7075    0.094
CONROD  2055504 18625   21325   7075    0.059
CONROD  2055512 18623   18625   7075    0.221
CONROD  2055516 21323   21325   7075    0.221
CSHEAR  2050553 0167075 18625   21325   21327   18627
CONROD  2055505 18625   21325   7075    0.059
CONROD  2055506 18627   21327   7075    0.094
CONROD  2055513 18625   18627   7075    0.221
CONROD  2055517 21325   21327   7075    0.221
CSHEAR  2050554 0167075 18627   21327   21329   18629
CONROD  2055507 18627   21327   7075    0.094
CONROD  2055508 18629   21329   7075    0.018
CONROD  2055514 18627   18629   7075    0.221
CONROD  2055518 21327   21329   7075    0.221
$   UPPER SKIN   209-030-205-063   .012 ALUMINUM
CSHEAR  2050631 0127075 18621   21321   21323   18623
CONROD  2056301 18621   21321   7075    0.004
CONROD  2056302 18623   21323   7075    0.069
CONROD  2056311 18621   18623   7075    0.145
CONROD  2056315 21321   21323   7075    0.145
CSHEAR  2050632 0127075 18623   21323   21325   18625
CONROD  2056303 18623   21323   7075    0.069
CONROD  2056304 18625   21325   7075    0.045
CONROD  2056312 18623   18625   7075    0.145
CONROD  2056316 21323   21325   7075    0.145
CSHEAR  2050633 0127075 18625   21325   21327   18627
CONROD  2056305 18625   21325   7075    0.045
CONROD  2056306 18627   21327   7075    0.069
CONROD  2056313 18625   18627   7075    0.145
CONROD  2056317 21325   21327   7075    0.145
CSHEAR  2050634 0127075 18627   21327   21329   18629
CONROD  2056307 18627   21327   7075    0.069
CONROD  2056308 18629   21329   7075    0.005
CONROD  2056314 18627   18629   7075    0.145
CONROD  2056318 21327   21329   7075    0.145
$
$                          AFT FUEL CELL FLOOR - WL 35.97
$                                  209-030-206-063
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$                                   STA 213.94 TO STA 250.00
$
$   DOUBLERS
CONROD  2060850 21321   21821   7075    0.180
CONROD  2060851 21329   21829   7075    0.180
CONROD  2060852 21321   21323   7075    0.205
CONROD  2060853 21323   21325   7075    0.205
CONROD  2060854 21325   21327   7075    0.205
CONROD  2060855 21327   21329   7075    0.205
CONROD  2060856 21821   21823   7075    0.242
CONROD  2060857 21823   21825   7075    0.242
CONROD  2060858 21825   21827   7075    0.242
CONROD  2060859 21827   21829   7075    0.242
CONROD  2060501 21821   22721   7075    0.174
CONROD  2060271 21829   22729   7075    0.174
CONROD  2060231 22721   22723   7075    0.145
CONROD  2060232 22723   22725   7075    0.145
CONROD  2060233 22725   22727   7075    0.145
CONROD  2060234 22727   22729   7075    0.145
CONROD  2060211 22721   25021   7075    0.084
CONROD  2060191 22729   25029   7075    0.084
CONROD  2060391 25021   25025   7075    0.111
CONROD  2060392 25025   25029   7075    0.111
$   LOWER SKIN   209-030-206-087   .016 TITANIUM
CSHEAR  2060871 0169046 21321   21821   21823   21323
CONROD  2068701 21321   21821   9046    0.017
CONROD  2068702 21323   21823   9046    0.093
CONROD  2068711 21321   21323   9046    0.040
CONROD  2068715 21821   21823   9046    0.040
CSHEAR  2060872 0169046 21323   21823   21825   21325
CONROD  2068703 21323   21823   9046    0.093
CONROD  2068704 21325   21825   9046    0.059
CONROD  2068712 21323   21325   9046    0.040
CONROD  2068716 21823   21825   9046    0.040
CSHEAR  2060873 0169046 21325   21825   21827   21327
CONROD  2068705 21325   21825   9046    0.059
CONROD  2068706 21327   21827   9046    0.093
CONROD  2068713 21325   21327   9046    0.040
CONROD  2068717 21825   21827   9046    0.040
CSHEAR  2060874 0169046 21327   21827   21829   21329
CONROD  2068707 21327   21827   9046    0.093
CONROD  2068708 21329   21829   9046    0.017
CONROD  2068714 21327   21329   9046    0.040
CONROD  2068718 21827   21829   9046    0.040
CSHEAR  2060875 0169046 21821   22721   22723   21823
CONROD  2068721 21821   22721   9046    0.014
CONROD  2068722 21823   22723   9046    0.092
CONROD  2068731 21821   21823   9046    0.069
CONROD  2068735 22721   22723   9046    0.069
CSHEAR  2060876 0169046 21823   22723   22725   21825
CONROD  2068723 21823   22723   9046    0.092
CONROD  2068724 21825   22725   9046    0.059
CONROD  2068732 21823   21825   9046    0.069
CONROD  2068736 22723   22725   9046    0.069
CSHEAR  2060877 0169046 21825   22725   22727   21827
CONROD  2068725 21825   22725   9046    0.059
CONROD  2068726 21827   22727   9046    0.092
CONROD  2068733 21825   21827   9046    0.069
CONROD  2068737 22725   22727   9046    0.069
CSHEAR  2060878 0169046 21827   22727   22729   21829
CONROD  2068727 21827   22727   9046    0.092
CONROD  2068728 21829   22729   9046    0.014
CONROD  2068734 21827   21829   9046    0.069
CONROD  2068738 22727   22729   9046    0.069
CTRMEM  2063881 0169046 22721   25021   22723
CSHEAR  2060882 0169046 22723   25021   25025   22725
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CONROD  2068801 22723   25021   0046    0.065
CONROD  2068802 22725   25025   0046    0.136
CONROD  2068811 22723   22725   0046    0.179
CONROD  2068813 25021   25025   0046    0.179
CSHEAR  2060883 0169046 22725   25025   25029   22727
CONROD  2068803 22725   25025   0046    0.136
CONROD  2068804 22727   25029   0046    0.065
CONROD  2068812 22725   22727   0046    0.179
CONROD  2068814 25025   25029   0046    0.179
CTRMEM  2060884 0169046 22727   25029   22729
$   UPPER SKIN   209-030-206-091    .010 GLASS FABRIC
CSHEAR  2060911 0100076 21321   21821   21823   21323
CONROD  2069101 21321   21821   0076    0.011
CONROD  2069102 21323   21823   0076    0.058
CONROD  2069111 21321   21323   0076    0.025
CONROD  2069115 21821   21823   0076    0.025
CSHEAR  2060912 0100076 21323   21823   21825   21325
CONROD  2069103 21323   21823   0076    0.058
CONROD  2069104 21325   21825   0076    0.037
CONROD  2069112 21323   21325   0076    0.025
CONROD  2069116 21823   21825   0076    0.025
CSHEAR  2060913 0100076 21325   21825   21827   21327
CONROD  2069105 21325   21825   0076    0.037
CONROD  2069106 21327   21827   0076    0.058
CONROD  2069113 21325   21327   0076    0.025
CONROD  2069117 21825   21827   0076    0.025
CSHEAR  2060914 0100076 21327   21827   21829   21329
CONROD  2069107 21327   21827   0076    0.058
CONROD  2069108 21329   21829   0076    0.011
CONROD  2069114 21327   21329   0076    0.025
CONROD  2069118 21827   21829   0076    0.025
$   UPPER SKIN   209-030-206-089    .020 GLASS FABRIC
CSHEAR  2060891 0200076 21321   21821   21823   21323
CONROD  2068901 21321   21821   0076    0.021
CONROD  2068902 21323   21823   0076    0.116
CONROD  2068911 21321   21323   0076    0.050
CONROD  2068915 21821   21823   0076    0.050
CSHEAR  2060892 0200076 21323   21823   21825   21325
CONROD  2068903 21323   21823   0076    0.116
CONROD  2068904 21325   21825   0076    0.074
CONROD  2068912 21323   21325   0076    0.050
CONROD  2068916 21823   21825   0076    0.050
CSHEAR  2060893 0200076 21325   21825   21827   21327
CONROD  2068905 21325   21825   0076    0.074
CONROD  2068906 21327   21827   0076    0.116
CONROD  2068913 21325   21327   0076    0.050
CONROD  2068917 21825   21827   0076    0.050
CSHEAR  2060894 0200076 21327   21827   21829   21329
CONROD  2068907 21327   21827   0076    0.116
CONROD  2068908 21329   21829   0076    0.021
CONROD  2068914 21327   21329   0076    0.050
CONROD  2068918 21827   21829   0076    0.050
CSHEAR  2060895 0200076 21821   22721   22723   21823
CONROD  2068921 21821   22721   0076    0.018
CONROD  2068922 21823   22723   0076    0.115
CONROD  2068931 21821   21823   0076    0.087
CONROD  2068935 22721   22723   0076    0.087
CSHEAR  2060896 0200076 21823   22723   22725   21825
CONROD  2068923 21823   22723   0076    0.115
CONROD  2068924 21825   22725   0076    0.074
CONROD  2068932 21823   21825   0076    0.087
CONROD  2068936 22723   22725   0076    0.087
CSHEAR  2060897 0200076 21825   22725   22727   21827
CONROD  2068925 21825   22725   0076    0.074
CONROD  2068926 21827   22727   0076    0.115
CONROD  2068933 21825   21827   0076    0.087
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CONROD  2068937 22725   22727   0076    0.087
CSHEAR  2060928 0200076 21827   22727   22729   21829
CONROD  2068927 21827   22727   0076    0.115
CONROD  2068928 21829   22729   0076    0.018
CONROD  2068934 21827   21829  0076    0.087
CONROD  2068938 22727   22729  0076    0.087
CTRMEM  2060901 0200076 22721   25021   22723
CSHEAR  2060902 0200076 22723   25021   25025   22725
CONROD  2069001 22723   25021   0076    0.081
CONROD  2069002 22725   25025   0076    0.170
CONROD  2069011 22723   22725   0076    0.224
CONROD  2069013 25021   25025   0076    0.224
CSHEAR  2060903 0200076 22725   25025   25029   22727
CONROD  2069003 22725   25025   0076    0.170
CONROD  2069004 22727   25029   0076    0.081
CONROD  2069012 22725   22727   0076    0.224
CONROD  2069014 25025   25029   0076    0.224
CTRMEM  2060904 0200076 22727   25029   22729
$
$                          FLOOR PANEL - WL 35.97
$                              209-030-207-077
$                         STA 250.00 TO STA 268.25
$
$   DOUBLERS
CONROD  2070091 25021   26821   2024    0.025
CONROD  2070511 25029   26829   2024    0.368
CONROD  2070231 25021   25025   2024    0.044
CONROD  2070232 25025   25029   2024    0.044
CONROD  2070551 26821   26825   2024    0.041
CONROD  2070552 26825   26829   2024    0.041
$   LOWER SKIN   209-030-207-027   .016 ALUMINUM
CSHEAR  2070271 0162024 25021   26821   26825   25025
CONROD  2072701 25021   26821   2024    0.073
CONROD  2072702 25025   26825   2024    0.160
CONROD  2072711 25021   25025   2024    0.144
CONROD  2072713 26821   26825   2024    0.144
CSHEAR  2070272 0162024 25025   26825   26829   25029
CONROD  2072703 25025   26825   2024    0.160
CONROD  2072704 25029   26829   2024    0.073
CONROD  2072712 25025   25029   2024    0.144
CONROD  2072714 26825   26829   2024    0.144
$   UPPER SKIN   209-030-207-081   .012 ALUMINUM
CSHEAR  2070811 0122024 25021   26821   26825   25025
CONROD  2078101 25021   26821   2024    0.040
CONROD  2078102 25025   26825   2024    0.118
CONROD  2078111 25021   25025   2024    0.090
CONROD  2078113 26821   26825   2024    0.090
CSHEAR  2070812 0122024 25025   26825   26829   25029
CONROD  2078103 25025   26825   2024    0.118
CONROD  2078104 25029   26829   2024    0.040
CONROD  2078112 25025   25029   2024    0.090
CONROD  2078114 26825   26829   2024    0.090
$
$                          FLOOR PANEL - WL 35.97
$                              209-030-207-085
$                         STA 268.25 TO BS  41.32
$
$   DOUBLERS
CONROD  2070571 26821   29921   7075    0.156
CONROD  2070151 26829   29929   2024    0.028
CONROD  2070131 26821   26825   2024    0.041
CONROD  2070132 26825   26829   2024    0.041
CONROD  2070211 29921   29925   2024    0.039
CONROD  2070212 29925   29929   2024    0.039
$   LOWER SKIN   209-030-207-065   .008 ALUMINUM
CSHEAR  2070651 0082024 26821   29921   29925   26825
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CONROD  2076501 26821   29921   2024    0.019
CONROD  2076502 26825   29925   2024    0.065
CONROD  2076511 26821   26825   2024    0.111
CONROD  2076513 29921   29925   2024    0.111
CSHEAR  2070852 0082024 26825   29925   29929   26829
CONROD  2076503 26825   29925   2024    0.065
CONROD  2076504 26829   29929   2024    0.013
CONROD  2076512 26825   26829   2024    0.111
CONROD  2076514 29925   29929   2024    0.111
$   UPPER SKIN   209-030-207-087   .016 ALUMINUM
CSHEAR  2070871 0162024 26821   29921   29925   26825
CONROD  2078701 26821   29921   2024    0.063
CONROD  2078702 26825   29925   2024    0.141
CONROD  2078711 26821   26825   2024    0.248
CONROD  2078713 29921   29925   2024    0.248
CSHEAR  2070872 0162024 26825   29925   29929   26829
CONROD  2078703 26825   29925   2024    0.141
CONROD  2078704 26829   29929   2024    0.063
CONROD  2078712 26825   26829   2024    0.248
CONROD  2078714 29925   29929   2024    0.248
$
$                          GUNNERØS FLOOR - WL 46.00
$                               209-030-201-089
$                          STA  46.00 TO STA  93.00
$
$   DOUBLERS
CONROD  2010191  4633    6131    2024    0.018
CONROD  2010192  4637    6139    2024    0.018
CONROD  2010211  4633    4637    2024    0.324
$   LOWER SKIN   209-030-201-067   .012 ALUMINUM
CTRMEM  2010671 0122024  4633    6131    6133
CSHEAR  2010672 0122024  4633    6133    6137    4637
CONROD  2016701  4633    6133    2024    0.029
CONROD  2016702  4637    6137    2024    0.029
CONROD  2016703  4633    4637    2024    0.079
CONROD  2016704  6133    6137    2024    0.079
CTRMEM  2010673 0122024  4637    6137    6139
$   LOWER SKIN   209-030-201-085   .032 ALUMINUM
CSHEAR  2010851 0322024  6131    7031    7033    6133
CONROD  2018501  6131    7031    2024    0.032
CONROD  2016502  6133    7033    2024    0.032
CONROD  2018507  6131    6133    2024    0.127
CONROD  2018510  7031    7033    2024    0.127
CSHEAR  2010852 0322024  6133    7033    7037    6137
CONROD  2018503  6133    7033    2024    0.320
CONROD  2018504  6137    7037    2024    0.320
CONROD  2018508  6133    6137    2024    0.127
CONROD  2018511  7033    7037    2024    0.127
CSHEAR  2010853 0322024  6137    7037    7039    6139
CONROD  2018505  6137    7037    2024    0.032
CONROD  2018506  6139    7039    2024    0.032
CONROD  2018509  6137    6139    2024    0.127
CONROD  2018512  7037    7039    2024    0.127
CSHEAR  2010854 0322024  7031    8531    8533    7033
CONROD  2018521  7031    8531    2024    0.062
CONROD  2018522  7033    8533    2024    0.062
CONROD  2018525  7031    7033    2024    0.232
CONROD  2018527  8531    8533    2024    0.232
CSHEAR  2010856 0322024  7037    8537    8539    7039
CONROD  2018523  7037    8537    2024    0.062
CONROD  2018524  7039    8539    2024    0.062
CONROD  2018526  7037    7039    2024    0.232
CONROD  2018528  8537    8539    2024    0.232
CSHEAR  2010857 0322024  8531    9331    9333    8533
CONROD  2018531  8531    9331    2024    0.082
CONROD  2018532  8533    9333    2024    0.082
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CONROD  2018537  8531    8533    2024    0.098
CONROD  2018540  9331    9333    2024    0.098
CSHEAR  2010858 0322024  8533    9333    9337    8537
CONROD  2018533  8533    9333    2024    0.320
CONROD  2018534  8537    9337    2024    0.320
CONROD  2018538  8533    8537    2024    0.098
CONROD  2018541  9333    9337    2024    0.098
CSHEAR  2010859 0322024  8537    9337    9339    8539
CONROD  2018535  8537    9337    2024    0.082
CONROD  2018536  8539    9339    2024    0.082
CONROD  2018539  8537    8539    2024    0.098
CONROD  2018542  9337    9339    2024    0.098
$   INTERIOR SKIN   209-030-201-053   .016 ALUMINUM
CSHEAR  2010531 0162024  6131    7031    7033    6133
CONROD  2015301  6131    7031    2024    0.029
CONROD  2015302  6133    7033    2024    0.029
CONROD  2015307  6131    6133    2024    0.076
CONROD  2015310  7031    7033    2024    0.076
CSHEAR  2010532 0162024  6133    7033    7037    6137
CONROD  2015303  6133    7033    2024    0.160
CONROD  2015304  6137    7037    2024    0.160
CONROD  2015308  6133    6137    2024    0.076
CONROD  2015311  7033    7037    2024    0.076
CSHEAR  2010533 0162024  6137    7037    7039    6139
CONROD  2015305  6137    7037    2024    0.029
CONROD  2015306  6139    7039    2024    0.029
CONROD  2015309  6137    6139    2024    0.076
CONROD  2015312  7037    7039    2024    0.076
CSHEAR  2010534 0162024  7031    8531    8533    7033
CONROD  2015321  7031    8531    2024    0.044
CONROD  2015322  7033    8533    2024    0.044
CONROD  2015325  7031    7033    2024    0.116
CONROD  2015327  8531    8533    2024    0.116
CSHEAR  2010536 0162024  7037    8537    8539    7039
CONROD  2015323  7037    8537    2024    0.044
CONROD  2015324  7039    8539    2024    0.044
CONROD  2015326  7037    7039    2024    0.116
CONROD  2015328  8537    8539    2024    0.116
CSHEAR  2010537 0162024  8531    9331    9333    8533
CONROD  2015331  8531    9331    2024    0.054
CONROD  2015332  8533    9333    2024    0.054
CONROD  2015337  8531    8533    2024    0.062
CONROD  2015343  9331    9333    2024    0.062
CSHEAR  2010538 0162024  8533    9333    9337    8537
CONROD  2015333  8533    9333    2024    0.160
CONROD  2015334  8537    9337    2024    0.160
CONROD  2015338  8533    8537    2024    0.062
CONROD  2015341  9333    9337    2024    0.062
CSHEAR  2010539 0162024  8537    9337    9339    8539
CONROD  2015336  8539    9339    2024    0.054
CONROD  2015335  8537    9337    2024    0.054
CONROD  2015339  8537    8539    2024    0.062
CONROD  2015342  9337    9339    2024    0.062
$   UPPER SKIN   209-030-201-069   .020 ALUMINUM
CTRMEM  2010691 0202024  4633    6131    6133
CSHEAR  2010692 0202024  4633    6133    6137    4637
CONROD  2016901  4633    6133    2024    0.062
CONROD  2016902  4637    6137    2024    0.062
CONROD  2016903  4633    4637    2024    0.151
CONROD  2016904  6133    6137    2024    0.151
CTRMEM  2010693 0202024  4637    6137    6139
CSHEAR  2010694 0202024  6131    7031    7033    6133
CONROD  2016911  6131    7031    2024    0.036
CONROD  2016912  6133    7033    2024    0.036
CONROD  2016917  6131    6133    2024    0.095
CONROD  2016920  7031    7033    2024    0.095
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CSHEAR  2010695 0202024 6133    7033    7037    6137
CONROD  2016913 6133    7033    2024    0.200
CONROD  2016914 6137    7037    2024    0.200
CONROD  2016918 6133    6137    2024    0.095
CONROD  2016921 7033    7037    2024    0.095
CSHEAR  2010696 0202024 6137    7037    7039    6139
CONROD  2016915 6137    7037    2024    0.036
CONROD  2016916 6139    7039    2024    0.036
CONROD  2016919 6137    6139    2024    0.095
CONROD  2016922 7037    7039    2024    0.095
CSHEAR  2010697 0202024 7031    8531    8533    7033
CONROD  2016931 7031    8531    2024    0.055
CONROD  2016932 7033    8533    2024    0.055
CONROD  2016935 7031    7033    2024    0.148
CONROD  2016937 8531    8533    2024    0.148
CSHEAR  2010699 0202024 7037    8537    8539    7039
CONROD  2016933 7037    8537    2024    0.055
CONROD  2016934 7039    8539    2024    0.055
CONROD  2016936 7037    7039    2024    0.148
CONROD  2016938 8537    8539    2024    0.148
CSHEAR  2010701 0202024 8531    9331    9333    8533
CONROD  2017001 8531    9331    2024    0.067
CONROD  2017002 8533    9333    2024    0.067
CONROD  2017007 8531    8533    2024    0.077
CONROD  2017010 9331    9333    2024    0.077
CSHEAR  2010702 0202024 8533    9333    9337    8537
CONROD  2017003 8533    9333    2024    0.200
CONROD  2017004 8537    9337    2024    0.200
CONROD  2017008 8533    8537    2024    0.077
CONROD  2017011 9333    9337    2024    0.077
CSHEAR  2010703 0202024 8537    9337    9339    8539
CONROD  2017005 8537    9337    2024    0.067
CONROD  2017006 8539    9339    2024    0.067
CONROD  2017009 8537    8539    2024    0.077
CONROD  2017012 9337    9339    2024    0.077
$
$                       TURRET SUPPORT FITTINGS - FWD
$                              209-030-251-002
$
CONROD  2510021 7033    7043    2014    0.585
CONROD  2510022 7037    7047    2014    0.549
$
$                       TURRET SUPPORT FITTINGS - AFT
$                              209-030-187-003
$
CONROD  1870031 8533    8543    2014    0.581
CONROD  1870032 8537    8547    2014    0.574
$
$                   XM-28 ARMAMENT SUBSYSTEM - TURRET
$
MPC     1000    7033    1       1.0     7505    1       -1.0            7505FR1
&7505FR1        7505    5       -15.00  7505    6        10.00
MPC     1000    7033    2       1.0     7505    2       -1.0            7505FR2
&7505FR2        7505    4        15.00  7505    6        4.71
MPC     1000    7033    3       1.0     7505    3       -1.0            7505FR3
&7505FR3        7505    4       -10.00  7505    5       -4.71
MPC     1000    7037    1       1.0     7505    1       -1.0            7505FL1
&7505FL1        7505    5       -15.00  7505    6       -10.00
MPC     1000    7037    2       1.0     7505    2       -1.0            7505FL2
&7505FL2        7505    4        15.00  7505    6        4.71
MPC     1000    7037    3       1.0     7505    3       -1.0            7505FL3
&7505FL3        7505    4        10.00  7505    5       -4.71
MPC     1000    8533    1       1.0     7505    1       -1.0            7505AR1
&7505AR1        7505    5       -15.00  7505    6        10.00
MPC     1000    8533    2       1.0     7505    2       -1.0            7505AR2
&7505AR2        7505    4        15.00  7505    6        -9.76
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MPC      1000      8533    3        1.0       7505    3        -1.0              7505AR3
&7505AR3           7505    4       -10.00     7505    5         9.76
MPC      1000      8537    1        1.0       7505    1        -1.0              7505AL1
&7505AL1           7505    5       -15.00     7505    6        -10.00
MPC      1000      8537    2        1.0       7505    2        -1.0              7505AL2
&7505AL2           7505    4        15.00     7505    6         -9.76
MPC      1000      8537    3        1.0       7505    3        -1.0              7505AL3
&7505AL3           7505    4        10.00     7505    5         9.76
$
$                          AMMUNITION COVER - WL 46.00
$                               209-030-217-005
$                          STA 102.00 TO STA 138.70
$
$   DOUBLERS
CONROD  2170171  9333    11533   2024    0.027
CONROD  2170101  9333    11533   2024    0.052
CONROD  2170172 11533    13833   2024    0.027
CONROD  2170102 11533    13833   2024    0.052
CONROD  2170291  9337    11537   2024    0.027
CONROD  2170091  9337    11537   2024    0.052
CONROD  2170292 11537    13837   2024    0.027
CONROD  2170092 11537    13837   2024    0.052
CONROD  2170191  9333     9337   2024    0.032
CONROD  2360031  9333     9337   7075    0.108
CONROD  2170271 13833    13837   2024    0.032
$   LOWER SKIN   209-030-211-007   .032 ALUMINUM
CSHEAR  2110071 0322024  9331     9333   11533   11531
CONROD  2110701  9331    11531   2024    0.109
CONROD  2110704  9333    11533   2024    0.109
CONROD  2110707  9331     9333   2024    0.361
CONROD  2110708 11531    11533   2024    0.361
CSHEAR  2110072 0322024 11531    11533   13833   13831
CONROD  2110702 11531    13831   2024    0.109
CONROD  2110705 11533    13833   2024    0.109
CONROD  2110709 11531    11533   2024    0.370
CONROD  2110710 13831    13833   2024    0.370
CSHEAR  2110073 0322024 13831    13833   14833   14831
CONROD  2110703 13831    14831   2024    0.109
CONROD  2110706 13833    14833   2024    0.109
CONROD  2110711 13831    13833   2024    0.157
CONROD  2110712 14831    14833   2024    0.157
CSHEAR  2110051 0322024  9337    -9339   11539   11537
CONROD  2110501  9337    11537   2024    0.109
CONROD  2110504  9339    11539   2024    0.109
CONROD  2110507  9337     9339   2024    0.361
CONROD  2110508 11537    11539   2024    0.361
CSHEAR  2110052 0322024 11537    11539   13839   13837
CONROD  2110502 11537    13837   2024    0.109
CONROD  2110505 11539    13839   2024    0.109
CONROD  2110509 11537    11539   2024    0.370
CONROD  2110510 13837    13839   2024    0.370
CSHEAR  2110053 0322024 13837    13839   14839   14837
CONROD  2110503 13837    14837   2024    0.109
CONROD  2110506 13839    14839   2024    0.109
CONROD  2110511 13837    13839   2024    0.157
CONROD  2110512 14837    14839   2024    0.157
$   LOWER SKIN   209-030-217-011   .016 ALUMINUM
CSHEAR  2170111 0162024  9333    11533   11537    9337
CONROD  2171101  9333    11533   2024    0.053
CONROD  2171103  9337    11537   2024    0.053
CONROD  2171105  9333     9337   2024    0.109
CONROD  2171106 11533    11537   2024    0.109
CSHEAR  2170112 0162024 11533    13833   13837   11537
CONROD  2171102 11533    13833   2024    0.053
CONROD  2171104 11537    13837   2024    0.053
CONROD  2171107 11533    11537   2024    0.183
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CONROD  2171108 13331   13837   2024    0.161
$   UPPER SKIN   209-030-217-333    .012 ALUMINUM
CSHEAR  2170331 0122024 9333    11533   11537   9337
CONROD  2173301 9333    11538   2024    0.028
CONROD  2173303 9337    11537   2024    0.028
CONROD  2173305 9333    9337    2024    0.075
CONROD  2173306 11533   11537   2024    0.076
CSHEAR  2170332 0122024 11533   13833   13837   11537
CONROD  2173302 11533   13833   2024    0.028
CONROD  2173304 11537   13837   2024    0.028
CONROD  2173307 11533   11537   2024    0.131
CONROD  2173308 13833   13837   2024    0.131
$
$                          PILOTs FLOOR - WL 55.00
$                                209-030-232-001
$                            STA  95.44 TO STA 148.50
$
$   DOUBLERS
CONROD  2020291  9343   11543   2024    0.027
CONROD  1560041  9343   11543   7075    0.192
CONROD  2020292 11543   13843   2024    0.026
CONROD  1560042 11543   13843   7075    0.180
CONROD  2020293 13843   14843   2024    0.030
CONROD  1560043 13843   14843   7075    0.196
CONROD  2020271  9347   11547   2024    0.027
CONROD  1560031  9347   11547   7075    0.124
CONROD  2020272 11547   13847   2024    0.026
CONROD  1560032 11547   13847   7075    0.122
CONROD  2020273 13847   14847   2024    0.030
CONROD  1560033 13847   14847   7075    0.233
CONROD  2020171  9343    9347   2024    0.183
CONROD  2020172 13843   13847   2024    0.041
CONROD  2020173 14843   14847   2024    0.027
$   LOWER SKIN   209-030-207-077    .016 ALUMINUM
CSHEAR  2070771 0162024 9343    11543   11547   9347
CONROD  2077701  9343   11543   2024    0.036
CONROD  2077704  9347   11547   2024    0.036
CONROD  2077707  9343    9347   2024    0.150
CONROD  2077708 11543   11547   2024    0.150
CSHEAR  2070772 0162024 11543   13843   13847   11547
CONROD  2077702 11543   13843   2024    0.031
CONROD  2077705 11547   13847   2024    0.031
CONROD  2077709 11543   11547   2024    0.175
CONROD  2077710 13843   13847   2024    0.175
CSHEAR  2070773 0162024 13843   14843   14847   13847
CONROD  2077703 13843   14843   2024    0.029
CONROD  2077706 13847   14847   2024    0.029
CONROD  2077711 13843   13847   2024    0.063
CONROD  2077712 14843   14847   2024    0.063
$   UPPER SKIN   209-030-202-073    .020 ALUMINUM
CSHEAR  2020731 0202024 9343    11543   11547   9347
CONROD  2027301  9343   11543   2024    0.065
CONROD  2027304  9347   11547   2024    0.065
CONROD  2027307  9343    9347   2024    0.200
CONROD  2027305 11543   11547   2024    0.200
CSHEAR  2020732 0202024 11543   13843   13847   11547
CONROD  2027302 11543   13843   2024    0.065
CONROD  2027305 11547   13847   2024    0.065
CONROD  2027309 11543   11547   2024    0.231
CONROD  2027310 13843   13847   2024    0.231
CSHEAR  2020733 0202024 13843   14843   14847   13847
CONROD  2027303 13843   14843   2024    0.065
CONROD  2027306 13847   14847   2024    0.065
CONROD  2027311 13843   13847   2024    0.097
CONROD  2027312 14843   14847   2024    0.097
$
```

```
$                    GUNNER/PILOT CONSOLE WEB - RIGHT SIDE
$                              209-033-250-177
$                         STA  61.25 TO STA 186.25
$
$   LOWER SKIN   209-030-250-177   .032 ALUMINUM
CSHEAR  2501771 0322024  6161     6163     7063     7061
CONROD  2507701  6161     7061     2024    0.084
CONROD  2507707  6163     7063     2024    0.084
CONROD  2507713  6161     6163     2024    0.153
CONROD  2507714  7061     7063     2024    0.153
CSHEAR  2501772 0322024  7061     7063     8563     8561
CONROD  2507702  7061     8561     2024    0.098
CONROD  2507708  7063     8563     2024    0.098
CONROD  2507715  7061     7063     2024    0.232
CONROD  2507716  8561     8563     2024    0.232
CSHEAR  2501773 0322024  8561     8563     9363     9361
CONROD  2507703  8561     9361     2024    0.113
CONROD  2507709  8563     9363     2024    0.113
CONROD  2507717  8561     8563     2024    0.190
CONROD  2507718  9361     9363     2024    0.190
CSHEAR  2501774 0322024  9361     9363    11563    11561
CONROD  2507704  9361    11561     2024    0.120
CONROD  2507710  9363    11563     2024    0.120
CONROD  2507719  9361     9363     2024    0.295
CONROD  2507720 11561    11563     2024    0.295
CSHEAR  2501775 0322024 11561    11563    13863    13861
CONROD  2507705 11561    13861     2024    0.121
CONROD  2507711 11563    13863     2024    0.121
CONROD  2507721 11561    11563     2024    0.370
CONROD  2507722 13861    13863     2024    0.370
CSHEAR  2501776 0322024 13861    13863    14863    14861
CONROD  2507706 13861    14861     2024    0.121
CONROD  2507712 13863    14863     2024    0.121
CONROD  2507723 13861    13863     2024    0.157
CONROD  2507724 14861    14863     2024    0.157
CTRMEM  2501777 0322024 14861    14863    18661
$
$                    GUNNER/PILOT CONSOLE WEB - LEFT SIDE
$                              209-030-210-089
$                         STA  61.25 TO STA 186.25
$
$   LOWER SKIN   209-030-210-089   .032 ALUMINUM
CSHEAR  2100891 0322024  6167     6169     7069     7067
CONROD  2108901  6167     7067     2024    0.084
CONROD  2108907  6169     7069     2024    0.084
CONROD  2108913  6167     6169     2024    0.153
CONROD  2108914  7067     7069     2024    0.153
CSHEAR  2100892 0322024  7067     7069     8569     8567
CONROD  2108902  7067     8567     2024    0.098
CONROD  2108908  7069     8569     2024    0.098
CONROD  2108915  7067     7069     2024    0.232
CONROD  2108916  8567     8569     2024    0.232
CSHEAR  2100893 0322024  8567     8569     9369     9367
CONROD  2108903  8567     9367     2024    0.113
CONROD  2108909  8569     9369     2024    0.113
CONROD  2108917  8567     8569     2024    0.190
CONROD  2108918  9367     9369     2024    0.190
CSHEAR  2100894 0322024  9367     9369    11569    11567
CONROD  2108904  9367    11567     2024    0.120
CONROD  2108910  9369    11569     2024    0.120
CONROD  2108919  9367     9369     2024    0.295
CONROD  2108920 11567    11569     2024    0.295
CSHEAR  2100895 0322024 11567    11569    13869    13867
CONROD  2108905 11567    13867     2024    0.121
CONROD  2108911 11569    13869     2024    0.121
CONROD  2108921 11567    11569     2024    0.267
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CONROD  21[illegible]  14867   13869   2024    0.267
CSHEAR  21[illegible]  0422024 13867   13869   14869   14367
CONROD  21[illegible]  13867   14867   2024    0.121
CONROD  21[illegible]  13869   14869   2024    0.121
CONROD  21[illegible]  13867   13869   2024    0.260
CONROD  21[illegible]  14867   14869   2024    0.260
CTRMEM  2100897 0422024 14967   14869   18669
$
$                          ENGINE DECK - WL 65.00
$                              209-030-209-119
$                         STA 213.94 TO STA 250.00
$
$   DOUBLERS
CONROD  2091270 21361   25061   7075    0.038
CONROD  2091271 21367   25069   7075    0.094
CONROD  2091272 21361   21363   7075    0.168
CONROD  2091273 21363   21364   7075    0.168
CONROD  2091274 21364   21366   7075    0.168
CONROD  2091275 21366   21367   7075    0.168
CONROD  2091276 25061   25065   7075    0.051
CONROD  2091277 25065   25069   7075    0.051
$   LOWER SKIN   209-030-209-129    .020 GLASS FABRIC
CTRMEM  2091291 0200076 21361   25061   21363
CSHEAR  2091292 0200076 21363   25061   25065   21364
CONROD  2092901 21363   25061   0076    0.085
CONROD  2092902 21364   25065   0076    0.085
CONROD  2092911 21363   21364   0076    0.359
CONROD  2092913 25061   25065   0076    0.359
CTRMEM  2091293 0200076 21364   25065   21366
CSHEAR  2091296 0200076 21366   25065   25069   21367
CONROD  2092903 21366   25065   0076    0.080
CONROD  2092906 21367   25069   0076    0.080
CONROD  2092912 21366   21367   0076    0.359
CONROD  2092916 25065   25069   0076    0.359
CTRMEM  2091295 0200076 21367   25069   21369
$   UPPER SKIN   209-030-209-129    .016 TITANIUM
CTRMEM  2091251 0169046 21361   25061   21363
CSHEAR  2091252 0169046 21363   25061   25065   21364
CONROD  2092501 21363   25061   9046    0.068
CONROD  2092502 21364   25065   9046    0.068
CONROD  2092511 21363   21364   9046    0.287
CONROD  2092513 25061   25065   9046    0.287
CTRMEM  2091253 0169046 21364   25065   21366
CSHEAR  2091254 0169046 21366   25065   25069   21367
CONROD  2092503 21366   25065   9046    0.064
CONROD  2092504 21367   25069   9046    0.064
CONROD  2092512 21366   21367   9046    0.287
CONROD  2092514 25065   25069   9046    0.287
CTRMEM  2091255 0169046 21367   25069   21369
$
$                          ENGINE DECK - WL 65.00
$                              209-030-209-119
$                         STA 250.00 TO BS  41.32
$
$   DOUBLERS
CONROD  2091031 25061   26861   2024    0.071
CONROD  2090051 25061   26861   7075    0.036
CONROD  2091032 25065   26865   2024    0.071
CONROD  2090052 25065   26865   7075    0.036
CONROD  2091311 25065   26865   2024    0.049
CONROD  2090053 25065   26865   7075    0.025
CONROD  2091312 25069   26869   2024    0.049
CONROD  2090054 25069   26869   7075    0.025
CONROD  2090411 25061   25065   2024    0.408
CONROD  2090055 25061   25065   7075    0.283
CONROD  2090412 25065   25069   2024    0.408
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CONROD  2090356 25065   25069   7075    0.241
CONROD  2090441 26861   26865   2024    0.273
CONROD  2090057 26861   26865   7075    0.258
CONROD  2090432 26865   26869   2024    0.273
CONROD  2090058 26865   26869   7075    0.258
CONROD  2091281 26861   29961   7075    0.031
CONROD  2091282 26869   29969   7075    0.047
CONROD  2091283 26861   26865   7075    0.054
CONROD  2091284 26865   26869   7075    0.054
CONROD  2091285 29961   29965   7075    0.036
CONROD  2091286 29965   29969   7075    0.036
$   LOWER SKIN   209-030-209-129    .023 GLASS FABRIC
CSHEAR  2091296 0200076 25061   26861   26865   25065
CONROD  2092921 25061   26861   0076    0.099
CONROD  2092922 25065   26865   0076    0.207
CONROD  2092931 25061   25065   0076    0.183
CONROD  2092933 26861   26865   0076    0.183
CSHEAR  2091297 0200076 25065   26865   26869   25069
CONROD  2092923 25065   26865   0076    0.207
CONROD  2092924 25069   26869   0076    0.099
CONROD  2092932 25065   25069   0076    0.183
CONROD  2092934 26865   26869   0076    0.183
CSHEAR  2091298 0200076 26861   29961   29965   26865
CONROD  2092941 26861   29961   0076    0.086
CONROD  2092942 26865   29965   0076    0.181
CONROD  2092951 26861   26865   0076    0.303
CONROD  2092953 29961   29965   0076    0.303
CSHEAR  2091299 0200076 26865   29965   29969   26869
CONROD  2092943 26865   29965   0076    0.181
CONROD  2092944 26869   29969   0076    0.086
CONROD  2092952 26865   26869   0076    0.303
CONROD  2092954 29965   29969   0076    0.303
$   UPPER SKIN   209-030-209-125    .016 TITANIUM
CSHEAR  2091256 0169046 25061   26861   26865   25065
CONROD  2092521 25061   26861   9046    0.079
CONROD  2092522 25065   26865   9046    0.165
CONROD  2092531 25061   25065   9046    0.146
CONROD  2092533 26861   26865   9046    0.146
CSHEAR  2091257 0169046 25065   26865   26869   25069
CONROD  2092523 25065   26865   9046    0.165
CONROD  2092524 25069   26869   9046    0.079
CONROD  2092532 25065   25069   9046    0.146
CONROD  2092534 26865   26869   9046    0.146
CSHEAR  2091258 0169046 26861   29961   29965   26865
CONROD  2092541 26861   29961   9046    0.069
CONROD  2092542 26865   29965   9046    0.145
CONROD  2092551 26861   26865   9046    0.242
CONROD  2092553 29961   29965   9046    0.242
CSHEAR  2091259 0169046 26865   29965   29969   26869
CONROD  2092543 26865   29965   9046    0.145
CONROD  2092544 26869   29969   9046    0.069
CONROD  2092552 26865   26869   9046    0.242
CONROD  2092554 29965   29969   9046    0.242
$   UPPER SKIN   209-030-209-127    .012 TITANIUM
CSHEAR  2091278 0129046 25061   26861   26865   25065
CONROD  2092701 25061   26861   9046    0.060
CONROD  2092702 25065   26865   9046    0.124
CONROD  2092711 25061   25065   9046    0.110
CONROD  2092713 26861   26865   9046    0.110
CSHEAR  2091279 0129046 25065   26865   26869   25069
CONROD  2092703 25065   26865   9046    0.124
CONROD  2092704 25069   26869   9046    0.060
CONROD  2092712 25065   25069   9046    0.110
CONROD  2092714 26865   26869   9046    0.110
$
$                   FORWARD FUEL CELL COVER - WL 77.57
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$                                   209-030-208-075
$                              STA 152.27 TO STA 146.25
$
$   DOUBLERS
CONROD   2084501 14881    16481    2024     0.045
CONROD   2084511 14889    16489    2024     0.044
CONROD   2084521 14881    14883    2024     0.078
CONROD   2084522 14883    14887    2024     0.078
CONROD   2084523 14887    14889    2024     0.078
CONROD   2084531 16481    16493    2024     0.090
CONROD   2084532 16483    16485    2024     0.090
CONROD   2084533 16485    16487    2024     0.090
CONROD   2084534 16487    16489    2024     0.090
CONROD   2084502 16481    16681    2024     0.045
CONROD   2080231 16483    18683    7075     0.475
CONROD   2080232 16487    18687    7075     0.475
CONROD   2084512 16489    18689    2024     0.045
CONROD   2084541 18681    18683    2024     0.054
CONROD   2084542 18683    18685    2024     0.054
CONROD   2084543 18685    18687    2024     0.054
CONROD   2084544 18687    18689    2024     0.054
$   LOWER SKIN   209-030-208-011    .308 ALUMINUM
CTRMEM   2080111 0082024 14883    16483    16485
CTRMEM   2080112 0082024 14883    16485    14887
CTRMEM   2080113 0082024 14887    16485    16487
CSHEAR   2080114 0082024 14887    16487    16489    14889
CONROD   2081101 14887    16487    2024     0.016
CONROD   2081102 14889    16489    2024     0.016
CONROD   2081103 14887    14889    2024     0.036
CONROD   2081104 16487    16489    2024     0.036
$   LOWER SKIN   209-030-208-013    .308 ALUMINUM
CSHEAR   2080131 0082024 16481    18681    18683    16483
CONROD   2081301 16481    18681    2024     0.016
CONROD   2081302 16483    18683    2024     0.016
CONROD   2081309 16481    16483    2024     0.075
CONROD   2081313 18681    18683    2024     0.075
CSHEAR   2080132 0082024 16483    18683    18685    16485
CONROD   2081303 16483    18683    2024     0.150
CONROD   2081304 16485    18685    2024     0.150
CONROD   2081310 16483    16485    2024     0.075
CONROD   2081314 18683    18685    2024     0.075
CSHEAR   2080133 0082024 16485    18685    18687    16487
CONROD   2081305 16485    18685    2024     0.150
CONROD   2081306 16487    18687    2024     0.150
CONROD   2081311 16485    16487    2024     0.075
CONROD   2081315 18685    18687    2024     0.075
CSHEAR   2080134 0082024 16487    16487    18689    16489
CONROD   2081307 16487    18687    2024     0.016
CONROD   2081308 16489    18689    2024     0.016
CONROD   2081312 16487    16489    2024     0.075
CONROD   2081316 18687    18689    2024     0.075
$   UPPER SKIN   209-030-208-079    .016 ALUMINUM
CSHEAR   2080791 0162024 14981    16481    16493    14883
CONROD   2087901 14881    16491    2024     0.047
CONROD   2087902 14883    16483    2024     0.047
CONROD   2087905 14881    14883    2024     0.093
CONROD   2087907 16481    16483    2024     0.093
CTRMEM   2080792 0162024 14893    16483    16485
CTRMEM   2080793 0162024 14983    16485    14887
CTRMEM   2080794 0162024 14987    16485    16487
CSHEAR   2080795 0162024 14887    16487    16489    14889
CONROD   2087903 14887    16487    2024     0.047
CONROD   2087904 14889    16489    2024     0.047
CONROD   2087906 14887    14889    2024     0.093
CONROD   2087908 16487    16499    2024     0.093
CSHEAR   2080796 0162024 16491    18681    18683    16483
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CONROD  2087921 16481   18681   2024    0.040
CONROD  2087922 16483   18683   2024    0.040
CONROD  2087929 16481   16483   2024    0.175
CONROD  2087933 18681   18683   2024    0.175
CSHEAR  2080797 0162024 16483   18683   18685   16485
CONROD  2087923 16483   18683   2024    0.062
CONROD  2087924 16485   18685   2024    0.062
CONROD  2087930 16483   16485   2024    0.175
CONROD  2087934 18683   18685   2024    0.175
CSHEAR  2080798 0162024 16485   18685   18687   16487
CONROD  2087925 16485   18685   2024    0.062
CONROD  2087926 16487   18687   2024    0.062
CONROD  2087931 16485   16487   2024    0.175
CONROD  2087935 18685   18687   2024    0.175
CSHEAR  2080799 0162024 16487   18687   18689   16489
CONROD  2087927 16487   18687   2024    0.040
CONROD  2087928 16489   18689   2024    0.040
CONROD  2087932 16487   16489   2024    0.175
CONROD  2087936 18687   18689   2024    0.175
$
$                           LOWER SKINS AND AXIAL MEMBERS
$                             STA  93.00 TO STA 138.70
$
$   AXIAL MEMBERS
CONROD  2030521  9313   11503   2024    0.302
CONROD  2030522 11503   13803   2024    0.302
CONROD  2030523  9303   13803   2024    0.065
CONROD  2030511  9317   11507   2024    0.302
CONROD  2030512 11507   13807   2024    0.302
CONROD  2030513  9307   13807   2024    0.065
$   LOWER SKINS
CSHEAR  2030291 0252024  9303    9307   13807   13803
CONROD  2032901  9303   13803   2024    0.250
CONROD  2032902  9307   13807   2024    0.250
CONROD  2032903  9303    9307   2024    0.575
CONROD  2032904 13803   13807   2024    0.575
$
$                           LOWER SKINS AND AXIAL MEMBERS
$                             STA 138.70 TO STA 148.50
$
$   AXIAL MEMBERS
CONROD  2200441 13801   14801   2024    0.046
CONROD  1160311 13803   14803   7075    0.521
CONROD  1150231 13807   14807   7075    0.455
CONROD  2200431 13809   14809   2024    0.046
$   LOWER SKINS
CSHEAR  2200621 0322024 13821   14821   14801   13801
CONROD  2206201 13821   14821   2024    0.131
CONROD  2206202 13801   14801   2024    0.131
CONROD  2206203 13821   13801   2024    0.157
CONROD  2206204 14821   14801   2024    0.157
CSHEAR  2201011 0252024 13801   14801   14803   13803
CONROD  2200101 13801   14801   2024    0.074
CONROD  2200102 13803   14803   2024    0.074
CONROD  2200103 13801   13803   2024    0.123
CONROD  2200104 14801   14803   2024    0.123
CSHEAR  2201012 0252024 13803   14803   14807   13807
CONROD  2200111 13803   14803   2024    0.250
CONROD  2200112 13807   14807   2024    0.250
CONROD  2200113 13803   13807   2024    0.123
CONROD  2200114 14803   14807   2024    0.123
CSHEAR  2201013 0252024 13807   14807   14809   13809
CONROD  2200121 13807   14807   2024    0.074
CONROD  2200122 13809   14809   2024    0.074
CONROD  2200123 13807   13809   2024    0.123
CONROD  2200124 14807   14809   2024    0.123
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CSHEAR   2200611 0322024 13829   14829   14829   13809
CONROD   2206101 13809   14809   2024    0.131
CONROD   2206102 13829   14829   2024    0.131
CONROD   2206103 13809   13829   2024    0.157
CONROD   2206104 14809   14829   2024    0.157
$
$                          LOWER SKINS AND AXIAL MEMBERS
$                            STA 156.41 TO STA 186.25
$
$   AXIAL MEMBERS
CONROD   2200561 15603   18603   7075    0.117
CONROD   2200591 15607   18607   7075    0.117
$   LOWER SKINS
CSHEAR   2200771 0252024 15621   18621   18601   15601
CONROD   2207701 15621   18621   2024    0.089
CONROD   2207702 15601   18601   2024    0.089
CONROD   2207703 15621   15601   2024    0.373
CONROD   2207704 18621   18601   2024    0.373
CSHEAR   2200772 0252024 15601   18601   18603   15603
CONROD   2207711 15601   18601   2024    0.083
CONROD   2207712 15603   18603   2024    0.083
CONROD   2207713 15601   15603   2024    0.373
CONROD   2207714 18601   18603   2024    0.373
CSHEAR   2200773 0252024 15603   15607   18607   18603
CONROD   2207721 15603   18603   2024    0.241
CONROD   2207722 15607   18607   2024    0.241
CONROD   2207723 15603   15607   2024    0.373
CONROD   2207724 18603   18607   2024    0.373
CSHEAR   2200774 0252024 15607   18607   18609   15609
CONROD   2207731 15607   18607   2024    0.083
CONROD   2207732 15609   18609   2024    0.083
CONROD   2207733 15607   15609   2024    0.373
CONROD   2207734 18607   18609   2024    0.373
CSHEAR   2200775 0252024 15629   18629   18609   15609
CONROD   2207741 15609   18609   2024    0.089
CONROD   2207742 15629   18629   2024    0.089
CONROD   2207743 15609   15629   2024    0.373
CONROD   2207744 18609   18629   2024    0.373
$
$                          LOWER SKINS AND AXIAL MEMBERS
$                            STA 186.25 TO STA 218.97
$
$   AXIAL MEMBERS
CONROD   2200601 18603   21803   7075    0.117
CONROD   2200591 18607   21807   7075    0.117
$   LOWER SKINS
CSHEAR   2200721 0252024 18621   21321   21801   18601
CONROD   2207201 18621   21321   2024    0.092
CONROD   2207202 18601   21801   2024    0.092
CONROD   2207203 18621   18601   2024    0.378
CONROD   2207204 21321   21801   2024    0.378
CTRMEM   2200722 0252024 21321   21821   21801
CSHEAR   2200723 0252024 18601   21801   21803   18603
CONROD   2207211 18601   21801   2024    0.077
CONROD   2207212 18603   21803   2024    0.077
CONROD   2207213 18601   18603   2024    0.409
CONROD   2207214 21801   21803   2024    0.409
CSHEAR   2570011 0252024 18603   18607   21807   21803
CONROD   2570101 18603   21803   2024    0.215
CONROD   2570102 18607   21807   2024    0.215
CONROD   2570103 18603   18607   2024    0.393
CONROD   2570104 21803   21807   2024    0.393
CSHEAR   2200711 0252024 18607   21807   21809   18609
CONROD   2207101 18607   21807   2024    0.077
CONROD   2207102 18609   21809   2024    0.077
CONROD   2207103 18607   18609   2024    0.409
```

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CONROD  2207104 21807   21809   .024    0.409
CSHEAR  2200711 0252024 18629   21329   21809   18609
CONROD  2207111 18609   21809   2024    0.092
CONROD  2207112 18629   21329   2024    0.092
CONROD  2207113 18609   18629   2024    0.378
CONROD  2207114 21809   21329   2024    0.378
CTRMEM  2200712 0252024 21329   21829   21809
$
$                          LOWER SKINS AND AXIAL MEMBERS
$                            STA 227.62 TO STA 250.00
$
$   AXIAL MEMBERS
CONROD  2200581 22703   25003   7075    0.117
CONROD  2200571 22707   25007   7075    0.117
CONROD  2201151 25003   25007   7075    0.119
$   LOWER SKINS
CSHEAR  2200671 0252024 22721   25021   25001   22701
CONROD  2206701 22721   25021   2024    0.097
CONROD  2206702 22701   25001   2024    0.097
CONROD  2206703 22721   22701   2024    0.280
CONROD  2206704 25021   25001   2024    0.280
CSHEAR  2200672 0252024 22701   25001   25003   22703
CONROD  2206711 22701   25001   2024    0.064
CONROD  2206712 22703   25003   2024    0.064
CONROD  2206713 22701   22703   2024    0.280
CONROD  2206714 25001   25003   2024    0.280
CSHEAR  2590011 0242024 22703   22707   25007   25003
CONROD  2590101 22703   25003   2024    0.172
CONROD  2590102 22707   25007   2024    0.172
CONROD  2590103 22703   22707   2024    0.269
CONROD  2590104 25003   25007   2024    0.269
CSHEAR  2201032 0252024 22707   25007   25009   22709
CONROD  2200301 22707   25007   2024    0.079
CONROD  2200302 22709   25009   2024    0.079
CONROD  2200303 22707   22709   2024    0.280
CONROD  2200304 25007   25009   2024    0.280
CSHEAR  2201031 0252024 22729   25029   25009   22709
CONROD  2200311 22709   25009   2024    0.097
CONROD  2200312 22729   25029   2024    0.097
CONROD  2200313 22709   22729   2024    0.280
CONROD  2200314 25009   25029   2024    0.280
$
$                          LOWER SKINS AND AXIAL MEMBERS
$                            STA 250.00 TO STA 268.25
$
$   AXIAL MEMBERS
CONROD  2201171 25003   26801   7075    0.116
CONROD  2201191 25007   26809   7075    0.116
CONROD  1330101 26821   26801   7075    0.055
CONROD  1330102 26801   26809   7075    0.055
CONROD  1330103 26809   26829   7075    0.055
$   LOWER SKINS
CTRMEM  2200675 0252024 25021   26821   25001
CTRMEM  2200676 0252024 25001   26821   26801
CTRMEM  2200677 0252024 25001   26801   25003
CSHEAR  1201211 0322024 25003   25007   26809   26801
CONROD  1202101 25003   26801   2024    0.208
CONROD  1202102 25007   26809   2024    0.208
CONROD  1202103 25003   25007   2024    0.292
CONROD  1202104 26801   26809   2024    0.292
CTRMEM  2201037 0252024 25007   26809   25009
CTRMEM  2201036 0252024 25009   26809   26829
CTRMEM  2201035 0252024 25029   26829   25009
$
$                          LOWER SKINS AND AXIAL MEMBERS
$                            STA 268.25 TO BS  41.32
```

```
$
$   AXIAL MEMBERS
CONROD   1330104 26821   29921   7075     0.055
CONROD   1330105 26829   29929   7075     0.055
CONROD   1330106 29921   29905   7075     0.055
CONROD   1330107 29905   29929   7075     0.055
$   LOWER SKINS
CTRMEM   1330011 0250057 26821   26801    29921
CTRMEM   1330012 0250057 26801   29921    29905
CTRMEM   1330013 0250057 26801   26829    29905
CTRMEM   1330014 0250057 26809   29905    29929
CTRMEM   1330015 0250057 26809   26829    29929
$
$                                NOSE STRUCTURE
$                          STA  33.00 TO STA  46.00
$
$   BULKHEAD DOUBLERS
CONROD   5850751  3341    3331    2024     0.035
CONROD   5850752  3331    3339    2024     0.035
CONROD   5850753  3339    3349    2024     0.035
CONROD   5850754  3349    3341    2024     0.035
$   DOUBLERS
CONROD   5850771  3331    4631    2024     0.057
CONROD   5850772  3339    4639    2024     0.057
$   INNER SKIN   209-030-585-049   .010 GLASS FABRIC
CTRMEM   5858901 0100076  3341    4661     4641
CTRMEM   5858902 0100076  3341    4641     4631
CTRMEM   5858903 0100076  3341    4631     3331
CTRMEM   5858904 0100076  3331    4631     4633
CQDMEM   5858905 0100076  3331    4633     4637     3339
CTRMEM   5858906 0100076  3339    4639     4637
CTRMEM   5858907 0100076  3349    4639     3339
CTRMEM   5858908 0100076  3349    4669     4639
CTRMEM   5858909 0100076  3349    4669     4649
$   INTERIOR SKIN   209-030-585-005   .010 GLASS FABRIC
CTRMEM   5850501 0100076  3341    4661     4641
CTRMEM   5850502 0100076  3341    4641     4631
CTRMEM   5850503 0100076  3341    4631     3331
CTRMEM   5850504 0100076  3331    4631     4633
CQDMEM   5850505 0100076  3331    4633     4637     3339
CTRMEM   5850506 0100076  3339    4639     4637
CTRMEM   5850507 0100076  3349    4639     3339
CTRMEM   5850508 0100076  3349    4669     4639
CTRMEM   5850509 0100076  3349    4669     4649
$   OUTER SKIN   209-030-585-003   .010 GLASS FABRIC
CTRMEM   5850301 0100076  3341    4661     4641
CTRMEM   5850302 0100076  3341    4641     4631
CTRMEM   5850303 0100076  3341    4631     3331
CTRMEM   5850304 0100076  3331    4631     4633
CQDMEM   5850305 0100076  3331    4633     4637     3339
CTRMEM   5850306 0100076  3339    4639     4637
CTRMEM   5850307 0100076  3349    4639     3339
CTRMEM   5850308 0100076  3349    4669     4639
CTRMEM   5850309 0100076  3349    4669     4649
$   BATTERY SHELF
CQDMEM   5950211 0122024  3331    4631     4639     3339
CQDMEM   5950271 0122024  3331    4631     4639     3339
CONROD   5810351  3331    4631    2024     0.054
CONROD   5810251  3339    4639    2024     0.054
$   BULKHEAD DOUBLERS
CONROD   5850811  4661    4641    2024     0.053
CONROD   5850812  4641    4631    2024     0.053
CONROD   5850813  4631    4633    2024     0.053
CONROD   5850814  4633    4637    2024     0.053
CONROD   5850815  4637    4639    2024     0.053
CONROD   5850816  4639    4649    2024     0.053
```

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CONROD   5850817  4649     4669    2024     0.053
CONROD   5850818  4669     4661    2024     0.053
$
$                                  NOSE STRUCTURE
$                            STA  46.00 TO STA  61.25
$
$   DOUBLERS
CONROD   5850851  4641     6161    2024     0.053
CONROD   5850852  4649     6169    2024     0.053
CONROD   5850790  4633     6131    2024     0.0585
CONROD   5850791  4637     6139    2024     0.0585
$   INNER SKIN   209-030-585-089    .010 GLASS FABRIC
CQDMEM   5858921 0100076  4661     6171     6179     4669
CTRMEM   5858922 0100076  4661     6171     6161
CTRMEM   5858923 0100076  4661     6161     4641
CTRMEM   5858924 0100076  6161     6141     4641
CTRMEM   5858925 0100076  4641     6141     4631
CTRMEM   5858926 0100076  6141     6131     4631
CTRMEM   5858927 0100076  4631     6131     4633
CTRMEM   5858928 0100076  6131     6123     4633
CQDMEM   5858929 0100076  4633     6123     6127     4637
CTRMEM   5858930 0100076  6139     6127     4637
CTRMEM   5858931 0100076  4639     6139     4637
CTRMEM   5858932 0100076  6149     6139     4639
CTRMEM   5858933 0100076  4649     6149     4639
CTRMEM   5858934 0100076  6169     6149     4649
CTRMEM   5858935 0100076  4669     6169     4649
CTRMEM   5858936 0100076  4669     6179     6169
$   INTERIOR SKIN   209-030-585-005    .010 GLASS FABRIC
CQDMEM   5850521 0100076  4661     6171     6179     4669
CTRMEM   5850522 0100076  4661     6171     6161
CTRMEM   5850523 0100076  4661     6161     4641
CTRMEM   5850524 0100076  6161     6141     4641
CTRMEM   5850525 0100076  4641     6141     4631
CTRMEM   5850526 0100076  6141     6131     4631
CTRMEM   5850527 0100076  4631     6131     4633
CTRMEM   5850528 0100076  6131     6123     4633
CQDMEM   5850529 0100076  4633     6123     6127     4637
CTRMEM   5850530 0100076  6139     6127     4637
CTRMEM   5850531 0100076  4639     6139     4637
CTRMEM   5850532 0100076  6149     6139     4639
CTRMEM   5850533 0100076  4649     6149     4639
CTRMEM   5850534 0100076  6169     6149     4649
CTRMEM   5850535 0100076  4669     6169     4649
CTRMEM   5850536 0100076  4669     6179     6169
$   OUTER SKIN   209-030-585-003    .010 GLASS FABRIC
CQDMEM   5850321 0100076  4661     6171     6179     4669
CTRMEM   5850322 0100076  4661     6171     6161
CTRMEM   5850323 0100076  4661     6161     4641
CTRMEM   5850324 0100076  6161     6141     4641
CTRMEM   5850325 0100076  4641     6141     4631
CTRMEM   5850326 0100076  6141     6131     4631
CTRMEM   5850327 0100076  4631     6131     4633
CTRMEM   5850328 0100076  6131     6123     4633
CQDMEM   5850329 0100076  4633     6123     6127     4637
CTRMEM   5850330 0100076  6139     6127     4637
CTRMEM   5850331 0100076  4639     6139     4637
CTRMEM   5850332 0100076  6149     6139     4639
CTRMEM   5850333 0100076  4649     6149     4639
CTRMEM   5850334 0100076  6169     6149     4649
CTRMEM   5850335 0100076  4669     6169     4649
CTRMEM   5850336 0100076  4669     6179     6169
$   FRAME
CTRMEM   5940041 0322024  4641     6161     6163
CTRMEM   5940171 0322024  4649     6167     6169
$   BULKHEAD DOUBLERS
```

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CONROD   [illegible]  6179    6171    2024    0.044
CONROD   [illegible]  6171    6161    2024    0.044
CONROD   [illegible]  6169    6179    2024    0.044
CONROD   [illegible]  6161    6141    2024    0.034
CONROD   [illegible]  6141    6131    2024    0.034
CONROD   [illegible]  6131    6123    2024    0.034
CONROD   [illegible]  6123    6127    2024    0.034
CONROD   [illegible]  6127    6139    2024    0.034
CONROD   [illegible]  6139    6149    2024    0.034
CONROD   [illegible]  6149    6169    2024    0.034
$
$                                NOSE SUBASSEMBLY
$                                    * * *
$
$                              STA  33.00 BULKHEAD
$                                209-030-580-057
$
$    FRAMES AND DOUBLERS
CONROD    333141   3331    3341    2024    0.092
CONROD    333949   3339    3349    2024    0.092
CONROD    333931   3331    3339    2024    0.092
CONROD    334149   3341    3349    2024    0.092
$
$                              STA  46.00 BULKHEAD
$                                209-030-582-053
$
$    SHEAR WEBS
CQDMEM   0463137 0252024 04631   04639   04637   04633
CQDMEM   0463149 0252024 04631   04641   04649   04639
CQDMEM   0464169 0252024 04641   04661   04669   04649
$
$                          FORWARD FUSELAGE SUBASSEMBLY
$                                    * * *
$
$                              STA  61.25 BULKHEAD
$                                209-030-101-001
$                                209-030-510-007
$
$    FRAMES AND DOUBLERS
CONROD    613123   6123    6131    2024    0.030
CONROD    613141   6131    6141    2024    0.064
CONROD    614161   6141    6161    2024    0.064
CONROD    616171   6161    6171    2024    0.282
CONROD    613343   6133    6143    2024    0.030
CONROD    614363   6143    6163    2024    0.030
CONROD    616371   6163    6171    2024    0.012
CONROD    613747   6137    6147    2024    0.030
CONROD    614767   6147    6167    2024    0.030
CONROD    617967   6167    6179    2024    0.012
CONROD    612739   6127    6139    2024    0.030
CONROD    613949   6139    6149    2024    0.064
CONROD    614969   6149    6169    2024    0.064
CONROD    616979   6169    6179    2024    0.282
CONROD    612327   6123    6127    2024    0.108
CONROD    613337   6133    6137    2024    0.055
CONROD    617179   6171    6179    2024    0.282
$    SHEAR WEBS
CTRMEM    612331 0402024  6123    6131    6133
CQDMEM    612337 0402024  6123    6133    6137    6127
CTRMEM    612737 0402024  6127    6137    6139
CQDMEM    613143 0402024  6131    6141    6143    6133
CQDMEM    613749 0402024  6137    6147    6149    6139
CQDMEM    614163 0402024  6141    6161    6163    6143
CQDMEM    614769 0402024  6147    6167    6169    6149
CTRMEM    617161 0322024  6161    6171    6163
CTRMEM    616779 0322024  6167    6179    6169
```

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$
$                                   STA  93.00 BULKHEAD
$                                     09-030-102-323
$
$    FRAMES AND DOUBLERS
CONROD    930307  9303     9307    2024     0.095
CONROD    931317  9313     9317    2024     0.151
CONROD    933133  9331     9333    2024     0.397
CONROD    933337  9333     9337    2024     0.167
CONROD    933739  9337     9339    2024     0.261
CONROD    934143  9341     9343    2024     0.242
CONROD    934347  9343     9347    2024     0.374
CONROD    934749  9347     9349    2024     0.357
CONROD    936143  9361     9343    2024     0.191
CONROD    936163  9361     9363    2024     0.194
CONROD    936769  9367     9369    2024     0.194
CONROD    937173  9371     9373    2024     0.202
CONROD    937377  9373     9377    2024     0.188
CONROD    937779  9377     9379    2024     0.202
CONROD    930313  9303     9313    2024     0.051
CONROD    933113  9313     9331    2024     0.080
CONROD    933141  9331     9341    2024     0.333
CONROD    934161  9341     9361    2024     0.333
CONROD    936171  9361     9371    2024     0.092
CONROD    931333  9313     9333    7075     0.209
CONROD    933343  9333     9343    7075     0.333
CONROD    934363  9343     9363    7075     0.242
CONROD    936373  9363     9373    7075     0.100
CONROD    930717  9307     9317    2024     0.051
CONROD    933717  9317     9337    7075     0.209
CONROD    933747  9337     9347    7075     0.510
CONROD    934767  9347     9367    7075     0.374
CONROD    936777  9367     9377    7075     0.100
CONROD    931739  9317     9339    2024     0.080
CONROD    933949  9339     9349    2024     0.314
CONROD    934969  9349     9369    2024     0.188
CONROD    936979  9369     9379    2024     0.092
$    SHEAR WEBS
CQDMEM    930317 0252024  9303     9313     9317     9307
CTRMEM    931331 0242024  9313     9331     9333
CQDMEM    931337 0242024  9313     9333     9337     9317
CTRMEM    931737 0242024  9317     9337     9339
CQDMEM    933143 0857075  9331     9341     9343     9333
CTRMEM    934361 0402024  9343     9361     9363
CQDMEM    934367 0242024  9343     9363     9367     9347
CQDMEM    934769 0402024  9347     9367     9369     9349
CQDMEM    936173 0492024  9361     9371     9373     9363
CQDMEM    936377 0242024  9363     9373     9377     9367
CQDMEM    936779 0492024  9367     9377     9379     9369
$
$                                   STA 138.70 BULKHEAD
$                                     209-030-103-159
$
$    FRAMES AND DOUBLERS
CONROD   1380103 13801    13803    2024     0.078
CONROD   1380307 13803    13807    7075     0.184
CONROD   1380709 13807    13809    2024     0.078
CONROD   1382123 13821    13823    2024     0.070
CONROD   1382327 13823    13827    7075     0.130
CONROD   1382729 13827    13829    2024     0.070
CONROD   1383133 13831    13833    7075     0.168
CONROD   1383337 13833    13837    7075     0.168
CONROD   1383739 13837    13839    7075     0.224
CONROD   1384143 13841    13843    2024     0.056
CONROD   1384347 13843    13847    2024     0.108
CONROD   1386163 13861    13863    2024     0.056
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CONROD  1380764 13807   13809   2024    0.047
CONROD  1382101 13801   13821   2024    0.078
CONROD  1382131 13821   13831   2024    0.057
CONROD  1383141 13831   13841   2024    0.104
CONROD  1384161 13841   13861   2024    0.104
CONROD  1380323 13803   13823   7075    0.863
CONROD  1382333 13823   13833   7075    0.116
CONROD  1383343 13833   13843   7075    0.244
CONROD  1384363 13843   13863   7075    0.128
CONROD  1382707 13807   13827   7075    0.116
CONROD  1382737 13827   13837   7075    0.116
CONROD  1383747 13837   13847   7075    0.116
CONROD  1383748 13837   13848   7075    0.128
CONROD  1384867 13848   13867   7075    0.128
CONROD  1380929 13809   13829   2024    0.078
CONROD  1382939 13829   13839   2024    0.061
CONROD  1383949 13839   13849   2024    0.104
CONROD  1384969 13849   13869   2024    0.104
$    SHEAR WEBS
CTRMEM  1380121 0402024 13801   13821   13823
CTRMEM  1380123 0402024 13801   13823   13803
CQDMEM  1380327 0402024 13803   13823   13827   13807
CTRMEM  1380727 0402024 13907   13827   13909
CTRMEM  1380927 0402024 13909   13827   13829
CQDMEM  1382133 0402024 13821   13831   13833   13823
CQDMEM  1382337 0402024 13823   13833   13837   13827
CQDMEM  1382739 0402024 13827   13837   13839   13829
CQDMEM  1383347 0402024 13833   13843   13847   13837
CQDMEM  1383749 0322024 13837   13848   13849   13839
CQDMEM  1384163 0322024 13841   13861   13863   13843
CQDMEM  1384367 0322024 13848   13867   13869   13849
$
$                          CENTER FUSELAGE SUBASSEMBLY
$                                   • • •
$
$                              STA 1480.50 BULKHEAD
$                                239-330-104-011
$
$    RAMES AND DOUBLERS
CONROD  1480103 14801   14803   7075    0.130
CONROD  1480307 14803   14807   7075    0.130
CONROD  1480709 14807   14809   7075    0.130
CONROD  1482123 14821   14823   7075    0.293
CONROD  1482327 14823   14827   7075    0.316
CONROD  1482729 14827   14829   7075    0.293
CONROD  1483133 14831   14833   7075    0.155
CONROD  1483337 14833   14837   7075    0.265
CONROD  1483739 14837   14839   7075    0.155
CONROD  1484347 14843   14847   7075    0.152
CONROD  1486163 14861   14863   7075    0.277
CONROD  1486367 14863   14867   7075    0.249
CONROD  1486769 14867   14869   7075    0.277
CONROD  1488183 14881   14883   7075    0.155
CONROD  1488387 14883   14887   7075    0.155
CONROD  1488789 14887   14889   7075    0.155
CONROD  1482101 14801   14821   7075    0.130
CONROD  1482131 14821   14831   7075    0.130
CONROD  1483141 14831   14841   7075    0.130
CONROD  1484161 14841   14861   7075    0.130
CONROD  1486181 14861   14881   7075    0.121
CONROD  1480323 14803   14823   7075    0.234
CONROD  1482333 14823   14833   7075    0.284
CONROD  1483343 14833   14843   7075    0.334
CONROD  1484363 14843   14863   7075    0.334
CONROD  1482707 14807   14827   7075    0.234
CONROD  1482737 14827   14837   7075    0.292
```

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CONROD  1483747 14837   14847   7075    0.342
CONROD  1484767 14847   14867   7075    0.342
CONROD  1483929 14839   14829   7075    0.130
CONROD  1482939 14829   14839   7075    0.130
CONROD  1483949 14839   14849   7075    0.130
CONROD  1484969 14849   14869   7075    0.130
CONROD  1486989 14869   14889   7075    0.121
$    SHEAR WEBS
CTRMEM  1480121 0727075 14801   14821   14823
CTRMEM  1480123 0727075 14801   14823   14803
CQDMEM  1480327 0727075 14803   14823   14827   14807
CTRMEM  1480727 0727075 14807   14827   14809
CTRMEM  1480927 0727075 14809   14827   14829
CQDMEM  1482133 0327075 14821   14831   14833   14823
CQDMEM  1482337 0169046 14823   14833   14837   14827
CQDMEM  1482739 0327075 14827   14837   14839   14829
CQDMEM  1483143 0327075 14831   14841   14843   14833
CQDMEM  1483347 0169046 14833   14843   14847   14837
CQDMEM  1483749 0327075 14837   14847   14849   14839
CQDMEM  1484163 0327075 14841   14861   14863   14843
CQDMEM  1484367 0169046 14843   14863   14867   14847
CQDMEM  1484769 0327075 14847   14867   14869   14849
CQDMEM  1486183 0227075 14861   14881   14883   14863
CQDMEM  1486387 0227075 14863   14883   14887   14867
CQDMEM  1486789 0227075 14867   14887   14889   14869
$
$                               STA 156.41 BULKHEAD
$                                 209-030-105-001
$
$    SHEAR WEBS
CTRMEM  1560121 0327075 15601   15621   15623
CTRMEM  1560123 0327075 15601   15623   15603
CTRMEM  1560323 0327075 15603   15623   15625
CTRMEM  1560325 0327075 15603   15625   15607
CTRMEM  1560725 0327075 15607   15625   15627
CTRMEM  1560727 0327075 15607   15627   15609
CTRMEM  1560927 0327075 15609   15627   15629
$
$                               STA 186.25 BULKHEAD
$                                 209-030-107-009
$
$    FRAMES AND DOUBLERS
CONROD  1860103 18601   18603   2024    0.123
CONROD  1860307 18603   18607   2024    0.123
CONROD  1860709 18607   18609   2024    0.123
CONROD  1862123 18621   18623   7075    0.278
CONROD  1862325 18623   18625   7075    0.278
CONROD  1862527 18625   18627   7075    0.278
CONROD  1862729 18627   18629   7075    0.278
CONROD  1868183 18681   18683   7075    0.328
CONROD  1868385 18683   18685   7075    0.328
CONROD  1868587 18685   18687   7075    0.328
CONROD  1868789 18687   18689   7075    0.328
CONROD  1862101 18601   18621   2024    0.123
CONROD  1862131 18621   18631   2014    0.652
CONROD  1863141 18631   18641   2014    0.652
CONROD  1864151 18641   18651   2014    0.548
CONROD  1865156 18651   18656   2014    0.548
CONROD  1865661 18656   18661   2014    0.548
CONROD  1866181 18661   18681   2024    0.203
CONROD  1860929 18609   18629   2024    0.123
CONROD  1862939 18629   18639   2014    0.487
CONROD  1863949 18639   18649   2014    0.487
CONROD  1864954 18649   18654   2014    0.588
CONROD  1865459 18654   18659   2014    0.588
CONROD  1865969 18659   18669   2014    0.588
```

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CONROD  1866989 18669   18669   .0.4    0.203
$    SHEAR WEBS
CTRMEM  1860121 0129046 18601   18621   18623
CTRMEM  1860123 0129046 18601   18623   18603
CTRMEM  1860323 0129046 18603   18623   18625
CTRMEM  1860325 0129046 18603   18625   18607
CTRMEM  1860725 0129046 18607   18625   18627
CTRMEM  1860727 0129046 18607   18627   18629
CTRMEM  1860927 0129046 18609   18627   18629
CQDMEM  1862133 0129046 18621   18631   18633   18623
CQDMEM  1862335 0129046 18623   18633   18635   18625
CQDMEM  1862537 0129046 18625   18635   18637   18627
CQDMEM  1862739 0129046 18627   18637   18639   18629
CTRMEM  1863141 0129046 18631   18641   18642
CQDMEM  1863143 0129046 18631   18642   18643   18633
CTRMEM  1863343 0129046 18633   18643   18644
CQDMEM  1863345 0129046 18633   18644   18645   18635
CQDMEM  1863546 0129046 18635   18645   18646   18637
CTRMEM  1863746 0129046 18637   18646   18647
CQDMEM  1863748 0129046 18637   18647   18648   18639
CTRMEM  1863948 01290 6 18639   18648   18649
CQDMEM  1865662 0329046 18656   18661   18662   18657
CQDMEM  1865157 0329046 18651   18656   18657   18652
CQDMEM  1864152 0329046 18641   18651   18652   18642
CTRMEM  1865762 0329046 18657   18662   18663
CQDMEM  1865263 0329046 18652   18657   18663   18643
CTRMEM  1864252 0329046 18642   18652   18643
CQDMEM  1864364 0329046 18643   18663   18664   18644
CQDMEM  1864465 0329046 18644   18664   18665   18645
CQDMEM  1864566 0329046 18645   18665   18666   18646
CQDMEM  1864667 0329046 18646   18666   18667   18647
CTRMEM  1865867 0329046 18658   18667   18668
CQDMEM  1864758 0329046 18647   18667   18658   18653
CTRMEM  1864753 0329046 18647   18653   18648
CQDMEM  1865869 0329046 18658   18668   18669   18659
CQDMEM  1865359 0329046 18653   18659   18659   18654
CQDMEM  1864854 0329046 18648   18653   18654   18649
CTRMEM  1866181 0959046 18661   18681   18662
CQDMEM  1866283 0959046 18662   18681   18633   18663
CQDMEM  1866385 0129046 18663   18683   18685   18664
CTRMEM  1866485 0129046 18664   18685   18665
CTRMEM  1866585 0129046 18665   18685   18666
CQDMEM  1866687 0129046 18666   18685   18687   18667
CQDMEM  1866789 0959046 18667   18687   18689   18668
CTRMEM  1866889 0959046 18668   18689   18669
$
$                          FORWARD WING CARRY-THRU SPAR
$                                 209-030-140
$
$    FRAMES AND DOUBLERS
CBAR    1874142 1874142 18641   18642   0.0     1.0     1.0     1
PBAR    1874142 2014    1.828   0.087   0.574   0.26
CBAR    1874243 1874243 18642   18643   0.0     1.0     1.0     1       1874243
&1874243        6
PBAR    1874243 2014    2.133   0.537   1.937   0.453
CBAR    1874344 1874344 18643   18644   0.0     1.0     1.0     1
PBAR    1874344 2014    0.9275  0.0     0.407   0.0
CBAR    1874445 1874445 18644   18645   0.0     1.0     1.0     1
PBAR    1874445 2014    0.9275  0.0     0.407   0.0
CBAR    1874546 1874546 18645   18646   0.0     1.0     1.0     1
PBAR    1874546 2014    0.9275  0.0     0.407   0.0
CBAR    1874647 1874647 18646   18647   0.0     1.0     1.0     1
PBAR    1874647 2014    0.9275  0.0     0.407   0.0
CBAR    1874748 1874748 18647   18648   0.0     1.0     1.0     1       1874748
&1874748  6
PBAR    1874748 2014    2.133   0.537   1.937   0.453
```

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CBAR     1874849 1874849 18648   18649   0.0     1.0     1.0     1
PBAR     1874849 2014    1.828   0.087   0.574   0.26
CBAR     1875152 1875152 18651   18652   0.0     1.0     1.0     1
PBAR     1875152 2014    1.5     0.0703  0.5     0.215
CBAR     1875243 1875243 18652   18643   0.0     1.0     1.0     1       1875243
&1875243         456
PBAR     1875243 2014    1.5     0.0703  0.5     0.215
CBAR     1874753 1874753 18647   18653   0.0     1.0     1.0     1       1874753
&1874753 456
PBAR     1874753 2014    1.5     0.0703  0.5     0.215
CBAR     1875354 1875354 18653   18654   0.0     1.0     1.0     1
PBAR     1875354 2014    1.5     0.0703  0.5     0.215
CBAR     1875657 1875657 18656   18657   0.0     1.0     1.0     1
PBAR     1875657 2014    1.5     0.0703  0.5     0.215
CBAR     1875763 1875763 18657   18663   0.0     1.0     1.0     1       1875763
&1875763         456
PBAR     1875763 2014    1.5     0.0703  0.5     0.215
CBAR     1876758 1876758 18667   18658   0.0     1.0     1.0     1       1876758
&1876758 456
PBAR     1876758 2014    1.5     0.0703  0.5     0.215
CBAR     1875859 1875859 18658   18659   0.0     1.0     1.0     1
PBAR     1875859 2014    1.5     0.0703  0.5     0.215
CBAR     1876162 1876162 18661   18662   0.0     1.0     1.0     1
PBAR     1876162 2014    1.828   0.087   0.574   0.26
CBAR     1876263 1876263 18662   18663   0.0     1.0     1.0     1       1876263
&1876263         6
PBAR     1876263 2014    2.133   0.537   1.937   0.453
CBAR     1876364 1876364 18663   18664   0.0     1.0     1.0     1
PBAR     1876364 2014    1.1325  0.0     0.497   0.0
CBAR     1876465 1876465 18664   18665   0.0     1.0     1.0     1
PBAR     1876465 2014    1.036   0.0     0.403   0.0
CBAR     1876566 1876566 18665   18666   0.0     1.0     1.0     1
PBAR     1876566 2014    1.036   0.0     0.403   0.0
CBAR     1876667 1876667 18666   18667   0.0     1.0     1.0     1
PBAR     1876667 2014    1.1325  0.0     0.497   0.0
CBAR     1876768 1876768 18667   18668   0.0     1.0     1.0     1       1876768
&1876768 6
PBAR     1876768 2014    2.133   0.537   1.937   0.453
CBAR     1876869 1876869 18668   18669   0.0     1.0     1.0     1
PBAR     1876869 2014    1.828   0.087   0.574   0.26
CBAR     1874151 1874151 18641   18651   0.0     1.0     1.0     1
PBAR     1874151 2014    0.5688  0.00074 0.981   0.003
CBAR     1875156 1875156 18651   18656   0.0     1.0     1.0     1
PBAR     1875156 2014    0.8575  0.0038  1.07    0.015
CBAR     1875257 1875257 18652   18657   0.0     1.0     1.0     1
PBAR     1875257 2014    0.512   0.0027  0.179   0.01
CBAR     1874363 1874363 18643   18663   0.0     1.0     1.0     1
PBAR     1874363 2014    0.512   0.0     0.179   0.0
CONROD   1874464 18644   18664   2014    0.68125
CONROD   1874666 18646   18666   2014    0.68125
CBAR     1874767 1874767 18647   18667   0.0     1.0     1.0     1
PBAR     1874767 2014    0.512   0.0     0.179   0.0
CBAR     1875358 1875358 18653   18658  0.0     1.0     1.0     1
PBAR     1875358 2014    0.512   0.0027  0.179   0.01
CBAR     1874954 1874954 18649   18654   0.0     1.0     1.0     1
PBAR     1874954 2014    0.5688  0.00074 0.981   0.003
CBAR     1875459 1875459 18654   18659   0.0     1.0     1.0     1
PBAR     1875459 2014    0.8575  0.0038  1.07    0.015
$ SHEAR WEBS
CSHEAR   1874251 1252014 18641   18651   18652   18642                   WEB
CONROD   1874241 18641   18642   2014    0.0456                          WEB
CONROD   1875242 18642   18652   2014    0.125                           WEB
CONROD   1875141 18641   18651   2014    0.125                           WEB
CONROD   1875251 18651   18652   2014    0.1441                          WEB
CSHEAR   1875256 1252014 18651   18656   18657   18652
CONROD   1875756 18656   18657   2014    0.0985                          WEB
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CONROD  1875651 18651   18656   2014    0.125                           WEB
CONROD  1875752 18652   18657   2014    0.342                           WEB
CTRMEM  1875763 1252014 18657   18662   18663
CSHEAR  1874357 1252014 18652   18657   18663   18643
CONROD  1876357 18657   18663   2014    0.147                           WEB
CONROD  1874352 18652   18643   2014    0.147                           WEB
CONROD  1876343 18643   18663   2014    0.217                           WEB
CTRMEM  1874352 1252014 18642   18652   18643
CTRMEM  1875868 1252014 18658   18668   18667
CSHEAR  1875847 1252014 18653   18658   18667   18647
CONROD  1876747 18647   18667   2014    0.217                           WEB
CONROD  1875347 18647   18653   2014    0.147                           WEB
CONROD  1875867 18667   18658   2014    0.147                           WEB
CTRMEM  1874853 1252014 18647   18648   18653
CSHEAR  1875953 1252014 18654   18659   18658   18653
CONROD  1875958 18658   18659   2014    0.0985                          WEB
CONROD  1875853 18653   18658   2014    0.342                           WEB
CONROD  1875954 18654   18659   2014    0.125                           WEB
CSHEAR  1875448 1252014 18649   18654   18653   18648
CONROD  1875453 18653   18654   2014    0.1441                          WEB
CONROD  1875449 18649   18654   2014    0.125                           WEB
CONROD  1875348 18648   18653   2014    0.125                           WEB
CONROD  1874948 18648   18649   2014    0.0456                          WEB
$
$                       LUGS / FORWARD CARRY-THRU SPAR
$                              STA 196.25
$
CBAR    1864100 1864100 18641   61918   0.0     1.0     1.0     1       F6 LUGR
PBAR    1864100 2014    0.3672  0.0458  0.433   0.146
CBAR    1865100 1865100 18651   61916   0.0     1.0     1.0     1       F4 LUGR
PBAR    1865100 2014    0.4237  0.0703  0.5     0.215
CBAR    1865600 1865600 18656   61914   0.0     1.0     1.0     1       F3 LUGR
PBAR    1865600 2014    0.4237  0.0703  0.5     0.215
CBAR    1866100 1866100 18661   61912   0.0     1.0     1.0     1       F1 LUGR
PBAR    1866100 2014    0.4237  0.0703  0.5     0.215
CBAR    1864900 1864900 18649   71918   0.0     1.0     1.0     1       F6 LUGL
PBAR    1864900 2014    0.3672  0.0458  0.433   0.146
CBAR    1865400 1865400 18654   71916   0.0     1.0     1.0     1       F4 LUGL
PBAR    1865400 2014    0.4237  0.0703  0.5     0.215
CBAR    1865900 1865900 18659   71914   0.0     1.0     1.0     1       F3 LUGL
PBAR    1865900 2014    0.4237  0.0703  0.5     0.215
CBAR    1866900 1866900 18669   71912   0.0     1.0     1.0     1       F1 LUGL
PBAR    1866900 2014    0.4237  0.0703  0.5     0.215
$
$                       CENTER WING CARRY-THRU SPAR
$                              209-030-141
$
$   FRAMES AND DOUBLERS
CBAR    1974142 1974142 19741   19742   0.0     1.0     1.0     1
PBAR    1974142 2014    2.453   0.985   10.405  0.497
CBAR    1974243 1974243 19742   19743   0.0     1.0     1.0     1       1974243
61974243        6
PBAR    1974243 2014    1.65    0.0495  1.04    0.171
CBAR    1974345 1974345 19743   19745   0.0     1.0     1.0     1
PBAR    1974345 2014    1.65    0.0     1.04    0.0
CBAR    1974547 1974547 19745   19747   0.0     1.0     1.0     1
PBAR    1974547 2014    1.65    0.0     1.04    0.0
CBAR    1974748 1974748 19747   19748   0.0     1.0     1.0     1       1974748
61974748  6
PBAR    1974748 2014    1.65    0.0495  1.04    0.171
CBAR    1974849 1974849 19748   19749   0.0     1.0     1.0     1
PBAR    1974849 2014    2.453   0.985   10.405  0.497
CBAR    1975152 1975152 19751   19752   0.0     1.0     1.0     1
PBAR    1975152 2014    1.283   0.113   2.156   0.0749
CBAR    1975859 1975859 19758   19759   0.0     1.0     1.0     1
PBAR    1975859 2014    1.283   0.113   2.156   0.0749
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CBAR     1976162 1976162 19761   19762   0.0     1.0     1.0     1
PBAR     1976162 2014    2.019   0.437   13.573  0.174
CBAR     1976263 1976263 19762   19763   0.0     1.0     1.0     1       1976263
+1976263        6
PBAR     1976263 2014    2.0625  0.0967  1.3     0.32
CBAR     1976365 1976365 19763   19765   0.0     1.0     1.0     1
PBAR     1976365 2014    2.0625  0.0     1.3     0.0
CBAR     1976567 1976567 19765   19767   0.0     1.0     1.0     1
PBAR     1976567 2014    2.0625  0.0     1.3     0.0
CBAR     1976768 1976768 19767   19768   0.0     1.0     1.0     1       1976768
+1976768  6
PBAR     1976768 2014    2.0625  0.0967  1.3     0.32
CBAR     1976869 1976869 19768   19769   0.0     1.0     1.0     1
PBAR     1976869 2014    2.019   0.437   13.573  0.174
CBAR     1974151 1974151 19741   19751   0.0     1.0     1.0     1
PBAR     1974151 2014    1.845   0.0258  3.113   0.103
CBAR     1975161 1975161 19751   19761   0.0     1.0     1.0     1
PBAR     1975161 2014    1.845   0.0258  3.113   0.103
CBAR     1974252 1974252 19742   19752   0.0     1.0     1.0     1
PBAR     1974252 2014    0.825   0.0062  0.52    0.023
CBAR     1975262 1975262 19752   19762   0.0     1.0     1.0     1
PBAR     1975262 2014    0.825   0.0062  0.52    0.023
CBAR     1974363 1974363 19743   19763   0.0     1.0     1.0     1
PBAR     1974363 2014    0.825   0.0     0.52    0.0
CONROD   1974565 19745   19765   2014    0.825
CBAR     1974767 1974767 19747   19767   0.0     1.0     1.0     1
PBAR     1974767 2014    0.825   0.0     0.52    0.0
CBAR     1974858 1974858 19748   19758   0.0     1.0     1.0     1
PBAR     1974858 2014    0.825   0.0062  0.52    0.023
CBAR     1975868 1975868 19758   19768   0.0     1.0     1.0     1
PBAR     1975868 2014    0.825   0.0062  0.52    0.023
CBAR     1974959 1974959 19749   19759   0.0     1.0     1.0     1
PBAR     1974959 2014    1.845   0.0258  3.113   0.103
CBAR     1975969 1975969 19759   19769   0.0     1.0     1.0     1
PBAR     1975969 2014    1.845   0.0258  3.113   0.103
$    SHEAR WEBS
CSHEAR   1974152 2002014 19741   19751   19752   19742
CONROD   1974241 19741   19742   2014    0.247                           WEB
CONROD   1975251 19751   19752   2014    0.4117                          WEB
CSHEAR   1975162 4002014 19751   19761   19762   19752
CONROD   1976261 19761   19762   2014    0.1647                          WEB
CSHEAR   1974352 2002014 19742   19752   19763   19743
CONROD   1974362 19742   19743   2014    0.288                           WEB
CONROD   1976352 19752   19763   2014    0.288                           WEB
CONROD   1975867 19767   19758   2014    0.288                           WEB
CTRMEM   1975263 2002014 19752   19762   19763
CSHEAR   1974365 2002014 19743   19763   19765   19745
CONROD   1974543 19743   19745   2014    0.3293                          WEB
CONROD   1976563 19763   19765   2014    0.3293                          WEB
CSHEAR   1974567 2002014 19747   19767   19765   19745
CONROD   1974745 19745   19747   2014    0.3293                          WEB
CONROD   1976765 19765   19767   2014    0.3293                          WEB
CSHEAR   1974758 2002014 19748   19758   19767   19747
CONROD   1974847 19747   19748   2014    0.288                           WEB
CTRMEM   1975867 2002014 19758   19768   19767
CSHEAR   1974859 2002014 19749   19759   19758   19748
CONROD   1974948 19748   19749   2014    0.247                           WEB
CONROD   1975958 19758   19759   2014    0.4117                          WEB
CSHEAR   1975869 4002014 19759   19769   19768   19758
CONROD   1976968 19768   19769   2014    0.1647                          WEB
CONROD   1975141 19741   19751   2014    0.764                           WEB
CONROD   1976151 19751   19761   2014    1.528                           WEB
CONROD   1975242 19742   19752   2014    0.981                           WEB
CONROD   1976252 19752   19762   2014    1.528                           WEB
CONROD   1976343 19743   19763   2014    1.009                           WEB
CONROD   1976545 19745   19765   2014    1.584                           WEB
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CONROD   1976747 19747   19767   2014    1.009                                  WEB
CONROD   1975848 19748   19758   2014    0.981                                  WEB
CONROD   1976858 19758   19768   2014    1.528                                  WEB
CONROD   1975969 19759   19759   2014    0.764                                  WEB
CONROD   1976959 19759   19769   2014    1.528                                  WEB
$
$                          LUGS / CENTER CARRY-THRU SPAR
$                                 STA 197.107
$
CBAR     1974100 1974100 19741   61927   0.0     1.0     1.0     1       C5 LUGR
PBAR     1974100 2014    0.694   0.208   1.302   0.624
CBAR     1975100 1975100 19751   61923   0.0     1.0     1.0     1       C2 LUGR
PBAR     1975100 2014    0.694   0.208   1.302   0.624
CBAR     1974900 1974900 19749   71927   0.0     1.0     1.0     1       C5 LUGL
PBAR     1974900 2014    0.694   0.208   1.302   0.624
CBAR     1975900 1975900 19759   71923   0.0     1.0     1.0     1       C2 LUGL
PBAR     1975900 2014    0.694   0.208   1.302   0.624
$
$                          AFT WING CARRY-THRU SPAR
$                               209-030-142
$
$   FRAMES AND DOUBLERS
CBAR     2124143 2124143 21341   21343   0.0     1.0     1.0     1       2124143
&2124143        6
PBAR     2124143 2014    1.562   0.725   1.422   0.0634
CBAR     2124345 2124345 21343   21345   0.0     1.0     1.0     1
PBAR     2124345 2014    0.8124  0.0     0.3427  0.00756
CBAR     2124547 2124547 21345   21347   0.0     1.0     1.0     1
PBAR     2124547 2014    0.8124  0.0     0.3427  0.00756
CBAR     2124749 2124749 21347   21349   0.0     1.0     1.0     1       2124749
&2124749  6
PBAR     2124749 2014    1.562   0.725   1.422   0.0634
$
$                          LUGS / AFT CARRY-THRU SPAR
$                                 STA 213.94
$
CBAR     2134100 2134100 21341   61935   0.0     1.0     1.0     1       A2 LUGR
PBAR     2134100 2014    0.4693  0.0472  0.8992  0.1643
CBAR     2134900 2134900 21349   71935   0.0     1.0     1.0     1       A2 LUGL
PBAR     2134900 2014    0.4693  0.0472  0.8992  0.16143
$
$                          AFT FUSELAGE SUBASSEMBLY
$                                  * * *
$
$                            STA 213.94 BULKHEAD
$                              209-030-108-007
$
$   FRAMES AND DOUBLERS
CONROD   2132123 21321   21323   7075    0.302
CONROD   2132325 21323   21325   7075    0.302
CONROD   2132527 21325   21327   7075    0.302
CONROD   2132729 21327   21329   7075    0.302
CONROD   2134143 21341   21343   7075    0.131
CONROD   2134345 21343   21345   7075    0.131
CONROD   2134547 21345   21347   7075    0.131
CONROD   2134749 21347   21349   7075    0.131
CONROD   2136163 21361   21363   2024    0.101
CONROD   2136364 21363   21364   2024    0.101
CONROD   2136466 21364   21366   2024    0.101
CONROD   2136667 21366   21367   2024    0.101
CONROD   2136769 21367   21369   2024    0.101
CONROD   2132141 21321   21341   7075    0.309
CONROD   2134161 21341   21361   7075    0.182
CONROD   2132949 21329   21349   7075    0.309
CONROD   2134969 21349   21369   7075    0.182
$   SHEAR WEBS
```

```
CQDMEM  2132143 0129046 21321   21341   21343   21323
CQDMEM  2132345 0129046 21323   21343   21345   21325
CQDMEM  2132547 0129046 21325   21345   21347   21327
CQDMEM  2132749 0129046 21327   21347   21349   21329
CQDMEM  2134163 1007075 21341   21361   21363   21343
CQDMEM  2134364 0507075 21343   21363   21364   21345
CTRMEM  2134564 0507075 21345   21364   21366
CQDMEM  2134567 0507075 21345   21366   21367   21347
CQDMEM  2134769 1007075 21347   21367   21369   21349
$
$                               STA 218.97 BULKHEAD
$                                 209-030-109-005
$
$   SHEAR WEBS
CTRMEM  2180121 0252024 21801   21821   21823
CTRMEM  2180123 0252024 21801   21823   21803
CTRMEM  2180323 0252024 21803   21823   21825
CTRMEM  2180325 0252024 21803   21825   21807
CTRMEM  2180725 0252024 21807   21825   21827
CTRMEM  2180727 0252024 21807   21827   21809
CTRMEM  2180927 0252024 21809   21827   21829
$
$                               STA 227.62 BULKHEAD
$                                 209-030-110-005
$
$   SHEAR WEBS
CTRMEM  2270121 0252024 22701   22721   22723
CTRMEM  2270123 0252024 22701   22723   22703
CTRMEM  2270323 0252024 22703   22723   22725
CTRMEM  2270325 0252024 22703   22725   22707
CTRMEM  2270725 0252024 22707   22725   22727
CTRMEM  2270727 0252024 22707   22727   22709
CTRMEM  2270927 0252024 22709   22727   22729
$
$                               STA 250.00 BULKHEAD
$                                 209-030-111-107
$
$   FRAMES AND DOUBLERS
CONROD  2500103 25001   25003   2024    0.039
CONROD  2500307 25003   25007   2024    0.039
CONROD  2500709 25007   25009   2024    0.039
CONROD  2502125 25021   25025   7075    0.299
CONROD  2502529 25025   25029   7075    0.299
CONROD  2506165 25061   25065   7075    0.489
CONROD  2506569 25065   25069   7075    0.489
CONROD  2502101 25001   25021   2024    0.039
CONROD  2502141 25021   25041   7075    0.266
CONROD  2504161 25041   25061   7075    0.266
CONROD  2500929 25009   25029   2024    0.039
CONROD  2502949 25029   25049   7075    0.266
CONROD  2504969 25049   25069   7075    0.266
$   SHEAR WEBS
CTRMEM  2500121 0252024 25001   25021   25025
CTRMEM  2500125 0252024 25001   25025   25003
CTRMEM  2500325 0252024 25003   25025   25007
CTRMEM  2500725 0252024 25007   25025   25009
CTRMEM  2500925 0252024 25009   25025   25029
CQDMEM  2502145 0129046 25021   25041   25045   25025
CQDMEM  2502549 0129046 25025   25045   25049   25029
CQDMEM  2504165 0129046 25041   25061   25065   25045
CQDMEM  2504569 0129046 25045   25065   25069   25049
$
$                               STA 268.25 BULKHEAD
$                                 209-030-112-013
$
$   FRAMES AND DOUBLERS
```

```
CONROD  2682125 26821   26825   2024    0.225
CONROD  2682529 26825   26829   2024    0.225
CONROD  2686165 26861   26865   2024    0.446
CONROD  2686569 26865   26869   2024    0.446
CONROD  2682161 26821   26841   2024    0.072
CONROD  2684161 26841   26861   2024    0.072
CONROD  2682949 26829   26849   2024    0.072
CONROD  2684969 26849   26869   2024    0.072
$    SHEAR WEBS
CTRMEM  2680121 0282024 26801   26821   26825
CTRMEM  2680125 0282024 26801   26825   26809
CTRMEM  2680925 0282024 26809   26825   26829
CQDMEM  2682145 0282024 26821   26841   26845   26825
CQDMEM  2682549 0282024 26825   26845   26849   26829
CQDMEM  2684165 0282024 26841   26861   26865   26845
CQDMEM  2684569 0282024 26845   26865   26869   26849
$
$                          TAILBOOM JUNCTION BULKHEAD
$                               209-030-113-001
$
$    FRAMES AND DOUBLERS
CONROD  2992125 29921   29925   7075    0.285
CONROD  2992529 29925   29929   7075    0.285
CONROD  2996165 29961   29965   7075    0.480
CONROD  2996569 29965   29969   7075    0.480
CONROD  2992141 29921   29941   7075    0.335
CONROD  2994161 29941   29961   7075    0.335
CONROD  2992949 29929   29949   7075    0.605
CONROD  2994969 29949   29969   7075    0.335
$    SHEAR WEBS
CTRMEM  2990521 0327075 29905   29921   29925
CTRMEM  2990525 0327075 29905   29925   29929
CQDMEM  2992145 0327075 29921   29941   29945   29925
CQDMEM  2992549 0327075 29925   29945   29949   29929
CQDMEM  2994165 0327075 29941   29961   29965   29945
CQDMEM  2994569 0327075 29945   29965   29969   29949
$
$                    TAILBOOM ATTACHMENT TO FUSELAGE BULKHEAD
$
MPC     1000    29921   1       1.0     30045   1       -1.0            GM11TB
GM11TB          30045   5       13.62   30045   6       11.92
MPC     1000    29921   2       1.0     30045   2       -1.0            GM21TB
GM21TB          30045   4       -13.62  30045   6       -.80
MPC     1000    29921   3       1.0     30045   3       -1.0            GM31TB
GM31TB          30045   4       -11.92  30045   5       .80
MPC     1000    29929   1       1.0     30045   1       -1.0            GM12TB
GM12TB          30045   5       13.62   30045   6       -11.92
MPC     1000    29929   2       1.0     30045   2       -1.0            GM22TB
GM22TB          30045   4       -13.62  30045   6       -.80
MPC     1000    29929   3       1.0     30045   3       -1.0            GM32TB
GM32TB          30045   4       11.92   30045   5       .80
MPC     1000    29961   1       1.0     30045   1       -1.0            GM13TB
GM13TB          30045   5       -13.21  30045   6       12.29
MPC     1000    29961   2       1.0     30045   2       -1.0            GM23TB
GM23TB          30045   4       13.21   30045   6       .87
MPC     1000    29961   3       1.0     30045   3       -1.0            GM33TB
GM33TB          30045   4       -12.29  30045   5       -.87
MPC     1000    29969   1       1.0     30045   1       -1.0            GM14TB
GM14TB          30045   5       -13.21  30045   6       -12.29
MPC     1000    29969   2       1.0     30045   2       -1.0            GM24TB
GM24TB          30045   4       13.21   30045   6       .87
MPC     1000    29969   3       1.0     30045   3       -1.0            GM34TB
GM34TB          30045   4       12.29   30045   5       -.87
$
$                              WING / RIGHT SIDE
$                                 209-020-001
```

```
$
$
$                              FORWARD SPAR / RIGHT WING
$                                    209-020-101
$
CONROD   6222811 62211   62811   2014    0.43811
CBAR     6222813 6222813 62213   62811   0.0       0.0       1.0     1         6222813
&6222813         456
PBAR     6222813 2014    1.790   0.20869 1.02299 0.09952
CONROD   6222812 62213   62811   2014    0.1875                                  WEB
CONROD   6283411 62811   63411   2014    0.41152                                 CAP
CONROD   6283412 62811   63411   2014    0.19325                                 WEB
CONROD   6344211 63411   64211   2014    0.40701                                 CAP
CONROD   6344212 63411   64211   2014    0.17038                                 WEB
CONROD   6425011 64211   65011   2014    0.40060                                 CAP
CONROD   6425012 64211   65011   2014    0.144                                   WEB
CONROD   6505911 65011   65911   2014    0.39246                                 CAP
CONROD   6505912 65011   65911   2014    0.118                                   WEB
CSHEAR   6221119 150     62213   62811   62819   62217
CSHEAR   6281119 12966   62811   63411   63419   62819
CSHEAR   6341119 12728   63411   64211   64219   63419
CSHEAR   6421119 12381   64211   65011   65019   64219
CSHEAR   6501119 11916   65011   65911   65919   65019
CBAR     6222817 6222817 62217   62819   0.0       0.0       1.0     1         6222817
&6222817         456
PBAR     6222817 2014    1.355   0.07213 0.67968 0.04572
CONROD   6222819 62219   62819   2014    0.43668
CONROD   6222818 62217   62819   2014    0.1875                                  WEB
CONROD   6283419 62819   63419   2014    0.40783                                 CAP
CONROD   6283418 62819   63419   2014    0.19325                                 WEB
CONROD   6344219 63419   64219   2014    0.40412                                 CAP
CONROD   6344218 63419   64219   2014    0.17038                                 WEB
CONROD   6425019 64219   65019   2014    0.39860                                 CAP
CONROD   6425018 64219   65019   2014    0.144                                   WEB
CONROD   6505919 65019   65919   2014    0.39083                                 CAP
CONROD   6505918 65019   65919   2014    0.118                                   WEB
$
$                              CENTER SPAR / RIGHT WING
$                                    209-020-102
$
CBAR     6222821 6222821 62221   62921   0.0       0.0       1.0     1         6222821
&6222821         456
PBAR     6222821 2014    1.34058 0.52308 0.99587 0.00910
CBAR     6222824 6222824 62224   62821   0.0       0.0       1.0     1         6222824
&6222824         456
PBAR     6222824 2014    1.45    0.14717 0.63501 0.00910
CONROD   6222822 62224   62821   2014    0.21559                                 WEB
CONROD   6283421 62821   63421   2014    1.24010                                 CAP
CONROD   6283422 62821   63421   2014    0.26034                                 WEB
CONROD   6344221 63421   64221   2014    0.94412                                 CAP
CONROD   6344222 63421   64221   2014    0.23200                                 WEB
CONROD   6425021 64221   65021   2014    0.50055                                 CAP
CONROD   6425022 64221   65021   2014    0.20207                                 WEB
CONROD   6505921 65021   65921   2014    0.43588                                 CAP
CONROD   6505922 65021   65921   2014    0.17075                                 WEB
CSHEAR   6221129 18157   62224   62821   62829   62226
CSHEAR   6282129 17735   62821   63421   63429   62829
CSHEAR   6342129 17490   63421   64221   64229   63429
CSHEAR   6422129 17610   64221   65021   65029   64229
CSHEAR   6502129 17088   65021   65921   65929   65029
CBAR     6222826 6222826 62226   62829   0.0       0.0       1.0     1         6222826
&6222826         456
PBAR     6222826 2014    1.41    0.14991 0.65619 0.00910
CBAR     6222829 6222829 62229   62829   0.0       0.0       1.0     1         6222829
&6222829         456
PBAR     6222829 2014    0.97873 0.21763 0.86254 0.00910
```

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CONROD   6222824 62226   62829   2014     0.21559                          WEB
CONROD   6283429 62829   63429   2014     1.23420                          CAP
CONROD   6283428 62829   63429   2014     0.26034                          WEB
CONROD   6344229 63429   64229   2014     0.96586                          CAP
CONROD   6344228 63429   64229   2014     0.23200                          WEB
CONROD   6425029 64229   65029   2014     0.53473                          CAP
CONROD   6425028 64229   65029   2014     0.20207                          WEB
CONROD   6505929 65029   65929   2014     0.44318                          CAP
CONROD   6505928 65029   65929   2014     0.17075                          WEB
$
$                              AFT SPAR / RIGHT WING
$                                  209-020-103
$
CBAR     6222831 6222831 62231   62831    0.0      0.0      1.0     1       6222831
66222831         456
PBAR     6222831 2014    0.42265 0.04445  0.32148  0.00906
CONROD   6222832 62231   62831   2014     0.02598                          WEB
CONROD   6283431 62831   63431   2014     0.10275                          CAP
CONROD   6283432 62831   63431   2014     0.02788                          WEB
CONROD   6344231 63431   64231   2014     0.10213                          CAP
CONROD   6344232 63431   64231   2014     0.02642                          WEB
CONROD   6425031 64231   65031   2014     0.10113                          CAP
CONROD   6425032 64231   65031   2014     0.02482                          WEB
CONROD   6505931 65031   65931   2014     0.10015                          CAP
CONROD   6505932 65031   65931   2014     0.02329                          WEB
CSHEAR   6223139 06416   62231   62831    62839    62239
CSHEAR   6283139 07505   62831   63431    63439    62839
CSHEAR   6343139 07402   63431   64231    64239    63439
CSHEAR   6423139 07278   64231   65031    65039    64239
CSHEAR   6503139 07149   65031   65931    65939    65039
CBAR     6222839 6222839 62239   62839    0.0      0.0      1.0     1       6222839
66222839         456
PBAR     6222839 2014    0.25928 0.01150  0.11667  0.01365
CONROD   6222838 62239   62839   2014     0.02598                          WEB
CONROD   6283439 62839   63439   2014     0.15381                          CAP
CONROD   6283438 62839   63439   2014     0.02788                          WEB
CONROD   6344239 63439   64239   2014     0.15213                          CAP
CONROD   6344238 63439   64239   2014     0.02642                          WEB
CONROD   6425039 64239   65039   2014     0.15044                          CAP
CONROD   6425038 64239   65039   2014     0.02482                          WEB
CONROD   6505939 65039   65939   2014     0.14855                          CAP
CONROD   6505938 65039   65939   2014     0.02329                          WEB
$
$                              TOP SKIN / RIGHT WING
$
CQDMEM   6221121 0637075 62211   62221    62821    62811
CQDMEM   6281121 0637075 62811   62821    63421    63411
CQDMEM   6341121 0637075 63411   63421    64221    64211
CQDMEM   6421121 0637075 64211   64221    65021    65011
CQDMEM   6501121 0637075 65011   65021    65921    65911
CQDMEM   6222131 0637075 62221   62231    62831    62821
CQDMEM   6282131 0637075 62821   62831    63431    63421
CQDMEM   6342131 0637075 63421   63431    64231    64221
CQDMEM   6422131 0637075 64221   64231    65031    65021
CQDMEM   6502131 0637075 65021   65031    65931    65921
$
$                            BOTTOM SKIN / RIGHT WING
$
CQDMEM   6221929 0637075 62219   62229    62829    62819
CQDMEM   6281929 0637075 62819   62829    63429    63419
CQDMEM   6341929 0637075 63419   63429    64229    64219
CQDMEM   6421929 0637075 64219   64229    65029    65019
CQDMEM   6501929 0637075 65019   65029    65929    65919
CQDMEM   6222939 0637075 62229   62239    62839    62829
CQDMEM   6282939 0637075 62829   62839    63439    63429
CQDMEM   6342939 0637075 63429   63439    64239    64229
```

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CQDMEM   6422939 0637075 64229   64239   65039   65029
CQDMEM   6502939 0637075 65029   65039   65939   65929
$
$                                  WS  22.19 RIB
$
CQDMEM   6221124 1252014 62211   62221   62224   62213
CQDMEM   6221326 1252014 62213   62224   62226   62217
CQDMEM   6221729 1252014 62217   62226   62229   62219
CTRMEM   6222631 1252014 62221   62224   62231
CQDMEM   6222639 1252014 62224   62231   62239   62226
CTRMEM   6222639 1252014 62226   62229   62239
$
$                                  WS  28.00 RIB
$
CQDMEM   6281129 1252014 62811   62821   62829   62819
CQDMEM   6282139 1252014 62821   62831   62839   62829
$
$                                  WS  34.00 RIB
$
CQDMEM   6341129 1252014 63411   63421   63429   63419
CQDMEM   6342139 1252014 63421   63431   63439   63429
$
$                                  WS  42.50 RIB
$
CQDMEM   6421129 1252014 64211   64221   64229   64219
CQDMEM   6422139 1252014 64221   64231   64239   64229
$
$          HARD POINT FOR ATTACHING INBOARD WING STORES - RIGHT SIDE
$
MPC      1000    64229   4       1.0     64221   2        .13423          R I/B 4
GR I/B 4         64229   2       -.13423
MPC      1000    64229   5       1.0     64219   3       -.10493          R I/B 5
GR I/B 5         64229   3        .10493
MPC      1000    64229   6       1.0     64219   2        .10493          R I/B 6
GR I/B 6         64229   2       -.10493
$
$                                  WS  50.75 RIB
$
CQDMEM   6501129 1252014 65011   65021   65029   65019
CQDMEM   6502139 1252014 65021   65031   65039   65029
$
$                                  WS  59.00 RIB
$
CQDMEM   6591129 1252014 65911   65921   65929   65919
CQDMEM   6592139 1252014 65921   65931   65939   65929
$
$          HARD POINT FOR ATTACHING OUTBOARD WING STORES - RIGHT SIDE
$
MPC      1000    65929   4       1.0     65921   2        .18182          R O/B 4
GR O/B 4         65929   2       -.18182
MPC      1000    65929   5       1.0     65919   3       -.11442          R O/B 5
GR O/B 5         65929   3        .11442
MPC      1000    65929   6       1.0     65919   2        .11442          R O/B 6
GR O/B 6         65929   2       -.11442
$
$                          FORWARD SPAR LUGS / RIGHT WING
$
CBAR     6131922 6131922 61913   62213   0.0     0.0     1.0     1        F2 LUGR
PBAR     4131922 2014    1.32139 0.43256 0.91617 0.99515
CBAR     6171922 6171922 61917   62217   0.0     0.0     1.0     1        F5 LUGR
PBAR     6171922 2014    1.5496  0.16642 0.66633 0.45718
$
$                          CENTER SPAR LUGS / RIGHT WING
$
CBAR     6221922 6221922 61922   62221   0.0     0.0     1.0     1        C1 LUGR
GC1 LUGR                 0.0     0.0     0.0     0.0     0.0     -0.91
```

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PBAR     6271922 2014     0.54348  0.02604  0.65104  0.09104
CBAR     6241922 6241922  61924    62224    0.0      0.0      1.0      1        C3 LUGR
PBAR     6241922 2014     0.54348  0.02604  0.65104  0.09104
CBAR     6261922 6261922  61926    62226    0.0      0.0      1.0      1        C4 LUGR
PBAR     6261922 2014     0.8333   0.02604  0.65104  0.09104
CBAR     6281922 6281922  61928    62229    0.0      0.0      1.0      1        C6 LUGR
C6 LUGR                   0.0      0.0      0.0      0.0      0.0       0.27
PBAR     6281922 2014     0.8333   0.02604  0.65104  0.09104
$
$                          AFT SPAR LUGS / RIGHT WING
$
CBAR     6341922 6341922  61934    62231    0.0      0.0      1.0      1        A1 LUGR
A1 LUGR                   0.0      0.0      0.0      0.0      0.0      -0.93
PBAR     6341922 2014     0.532    0.02781  0.32009  0.09058
CBAR     6361922 6361922  61936    62239    0.0      0.0      1.0      1        A3 LUGR
PBAR     6361922 2014     0.98648  0.04328  0.37096  0.13655
$
$                          FORWARD SPAR LUGS / RIGHT WING
$
MPC      1000    61913    1          1.0    61914    1        -.518952          MPCFRU1
&MPCFRU1         61912    1         .518952
MPC      1000    61913    2          1.0    61914    2        -.518952          MPCFRU2
&MPCFRU2         61912    2        -.518952
MPC      1000    61914    3          1.0    61913    3        -1.0
MPC      1000    61912    3          1.0    61913    3        -1.0
MPC      1000    61914    4          1.0    61913    4        -1.0
MPC      1000    61912    4          1.0    61913    4        -1.0
MPC      1000    61914    5          1.0    61913    5        -1.0
MPC      1000    61912    5          1.0    61913    5        -1.0
MPC      1000    61913    4          1.0    61914    2        -.403226          MPCFRU4
&MPCFRU4         61912    2         .403226
MPC      1000    61913    5          1.0    61914    1         .403226          MPCFRU5
&MPCFRU5         61912    1        -.403226
MPC      1000    61917    1          1.0    61916    1        -.457078          MPCFRL1
&MPCFRL1         61916    1        -.542922
MPC      1000    61917    2          1.0    61918    2        -.457078          MPCFRL2
&MPCFRL2         61916    2        -.542922
MPC      1000    61918    3          1.0    61917    3        -1.0
MPC      1000    61916    3          1.0    61917    3        -1.0
MPC      1000    61918    4          1.0    61917    4        -1.0
MPC      1000    61916    4          1.0    61917    4        -1.0
MPC      1000    61918    5          1.0    61917    5        -1.0
MPC      1000    61916    5          1.0    61917    5        -1.0
MPC      1000    61917    4          1.0    61918    2        -.456621          MPCFRL4
&MPCFRL4         61916    2         .456621
MPC      1000    61917    5          1.0    61918    1         .456621          MPCFRL5
&MPCFRL5         61916    1        -.456621
$
$                          CENTER SPAR LUG PIN / RIGHT WING
$
MPC      1000    61923    1          1.0    61924    1        -.520710          MPCCRU1
&MPCCRU1         61922    1        -.479290
MPC      1000    61923    2          1.0    61924    2        -.520710          MPCCRU2
&MPCCRU2         61922    2        -.479290
MPC      1000    61924    3          1.0    61923    3        -1.0
MPC      1000    61922    3          1.0    61923    3        -1.0
MPC      1000    61924    4          1.0    61923    4        -1.0
MPC      1000    61922    4          1.0    61923    4        -1.0
MPC      1000    61924    5          1.0    61923    5        -1.0
MPC      1000    61922    5          1.0    61923    5        -1.0
MPC      1000    61923    4          1.0    61924    2        -.591716          MPCCRU4
&MPCCRU4         61922    2         .591716
MPC      1000    61923    5          1.0    61924    1         .591716          MPCCRU5
&MPCCRU5         61922    1        -.591716
MPC      1000    61927    1          1.0    61928    1        -.40              MPCCRL1
&MPCCRL1         61926    1        -.60
```

```
MPC     1000    61927   2       1.0     61928   2       -.40            MPCCRL2
&MPCCRL2        61926   2       -.60
MPC     1000    61928   3       1.0     61927   3       -1.0
MPC     1000    61926   3       1.0     61927   3       -1.0
MPC     1000    61928   4       1.0     61927   4       -1.0
MPC     1000    61926   4       1.0     61927   4       -1.0
MPC     1000    61928   5       1.0     61927   5       -1.0
MPC     1000    61926   5       1.0     61927   5       -1.0
MPC     1000    61927   4       1.0     61928   2       -.588235        MPCCRL4
&MPCCRL4        61926   2        .588235
MPC     1000    61927   5       1.0     61928   1        .588235        MPCCRL5
&MPCCRL5        61926   1       -.588235
$
$                       AFT SPAR LUG PIN / RIGHT WING
$
MPC     1000    61935   1       1.0     61936   1       -.477612        MPCARC1
&MPCARC1        61934   1       -.522388
MPC     1000    61935   2       1.0     61936   2       -.477612        MPCARC2
&MPCARC2        61934   2       -.522388
MPC     1000    61936   3       1.0     61935   3       -1.0
MPC     1000    61934   3       1.0     61935   3       -1.0
MPC     1000    61936   4       1.0     61935   4       -1.0
MPC     1000    61934   4       1.0     61935   4       -1.0
MPC     1000    61936   5       1.0     61935   5       -1.0
MPC     1000    61934   5       1.0     61935   5       -1.0
MPC     1000    61935   4       1.0     61936   2       -.746269        MPCARC4
&MPCARC4        61934   2        .746269
MPC     1000    61935   5       1.0     61936   1        .746269        MPCARC5
&MPCARC5        61934   1       -.746269
$
$                               WING / LEFT SIDE
$                                 209-020-001
$
$
$                           FORWARD SPAR / LEFT WING
$                                 209-020-101
$
CONROD  7222811 72211   72811   2014    0.43811
CBAR    7222813 7222813 72213   72811   0.0     0.0     1.0     1       7222813
&7222813        456
PBAR    7222813 2014    1.790   0.20869 1.02299 0.09952
CONROD  7222812 72213   72811   2014    0.1875                          WEB
CONROD  7283411 72811   73411   2014    0.41152                         CAP
CONROD  7283412 72811   73411   2014    0.19325                         WEB
CONROD  7344211 73411   74211   2014    0.40412                         CAP
CONROD  7344212 73411   74211   2014    0.17038                         WEB
CONROD  7425011 74211   75011   2014    0.40060                         CAP
CONROD  7425012 74211   75011   2014    0.144                           WEB
CONROD  7505911 75011   75911   2014    0.39246                         CAP
CONROD  7505912 75011   75911   2014    0.118                           WEB
CSHEAR  7221119 150     72213   72811   72819   72217
CSHEAR  7281119 12966   72811   73411   73419   72819
CSHEAR  7341119 12728   73411   74211   74219   73419
CSHEAR  7421119 12381   74211   75011   75019   74219
CSHEAR  7501119 11916   75011   75911   75919   75019
CBAR    7222817 7222817 72217   72819   0.0     0.0     1.0     1       7222817
&7222817        456
PBAR    7222817 2014    1.355   0.07213 0.67968 0.04572
CONROD  7222819 72219   72819   2014    0.43668
CONROD  7222818 72217   72819   2014    0.1875                          WEB
CONROD  7283419 72819   73419   2014    0.40783                         CAP
CONROD  7283418 72819   73419   2014    0.19325                         WEB
CONROD  7344219 73419   74219   2014    0.40412                         CAP
CONROD  7344218 73419   74219   2014    0.17038                         WEB
CONR    7425019 74219   75019   2014    0.39860                         CAP
CONR    7425018 74219   75019   2014    0.144                           WEB
```

```
CONROD  7505921 75019   75419   2014    0.39083                         CAP
CONROD  7505918 75019   75919   2014    0.118                           WEB
$
$                       CENTER SPAR / LEFT WING
$                            209-020-102
$
CBAR    7222821 7222821 72221   72821   0.0     0.0     1.0     1       7222821
&7222821        456
PBAR    7222821 2014    1.36059 0.52308 0.99567 0.00910
CBAR    7222824 7222824 72224   72421   0.0     0.0     1.0     1       7222824
&7222824        456
PBAR    7222824 2014    1.45    0.14717 0.63501 0.00910
CONROD  7222822 72224   72821   2014    0.21559                         WEB
CONROD  7283421 72821   73421   2014    1.24010                         CAP
CONROD  7283422 72821   73421   2014    0.26034                         WEB
CONROD  7344221 73421   74221   2014    0.94412                         CAP
CONROD  7344222 73421   74221   2014    0.23200                         WEB
CONROD  7425021 74221   75021   2014    0.50055                         CAP
CONROD  7425022 74221   75021   2014    0.20207                         WEB
CONROD  7505921 75021   75921   2014    0.43538                         CAP
CONROD  7505922 75021   75921   2014    0.17075                         WEB
CSHEAR  7222129 18157   72224   72821   72829   72226
CSHEAR  7282129 17735   72821   73421   73429   72829
CSHEAR  7342129 17490   73421   74221   74229   73429
CSHEAR  7422129 17410   74221   75021   75029   74229
CSHEAR  7502129 17088   75021   75921   75929   75029
CBAR    7222826 7222826 72226   72829   0.0     0.0     1.0     1       7222826
&7222826        456
PBAR    7222826 2014    1.41    0.14991 0.65619 0.00910
CBAR    7222829 7222829 72229   72829   0.0     0.0     1.0     1       7222829
&7222829        456
PBAR    7222829 2014    0.97873 0.21703 0.86256 0.00910
CONROD  7222828 72226   72829   2014    0.21559                         WEB
CONROD  7283429 72829   73429   2014    1.23423                         CAP
CONROD  7283428 72829   73429   2014    0.26034                         WEB
CONROD  7344229 73429   74229   2014    0.96586                         CAP
CONROD  7344228 73429   74229   2014    0.23200                         WEB
CONROD  7425029 74229   75029   2014    0.53473                         CAP
CONROD  7425028 74229   75029   2014    0.20207                         WEB
CONROD  7505929 75029   75929   2014    0.44318                         CAP
CONROD  7505928 75029   75929   2014    0.17075                         WEB
$
$                       AFT SPAR / LEFT WING
$                            209-020-103
$
CONROD  7222832 72231   72831   2014    0.02594                         WEB
CBAR    7222831 7222831 72231   72831   0.0     0.0     1.0     1       7222831
&7222831        456
PBAR    7222831 2014    0.42265 0.04445 0.32144 0.00906
CONROD  7283431 72831   73431   2014    0.10275                         CAP
CONROD  7283432 72831   73431   2014    0.02768                         WEB
CONROD  7344231 73431   74231   2014    0.10213                         CAP
CONROD  7344232 73431   74231   2014    0.02642                         WEB
CONROD  7425031 74231   75031   2014    0.10113                         CAP
CONROD  7425032 74231   75031   2014    0.02682                         WEB
CONROD  7505931 75031   75931   2014    0.10015                         CAP
CONROD  7505932 75031   75931   2014    0.02326                         WEB
CSHEAR  7223139 06416   72231   72831   72839
CSHEAR  7283139 07505   72831   73431   73439
CSHEAR  7343139 07402   73431   74231   74239
CSHEAR  7423139 07279   74231   75031   75039
CSHEAR  7503139 07149   75031   75931   75939   75939
CBAR    7222839 7222839 72239   72839   0.0     0.0     1.0     1       7222839
&7222839        456
PBAR    7222839 2014    0.25925 0.01150 0.11667 0.01365
CONROD  7222838 72239   72839   2014    0.02598                         WEB
```

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CONROD  7283439 72839   73439   2014    0.15381                 CAP
CONROD  7283438 72839   73439   2014    0.02784                 WEB
CONROD  7344239 73439   74239   2014    0.15210                 CAP
CONROD  7344238 73439   74239   2014    0.02642                 WEB
CONROD  7425039 74239   75039   2014    0.15044                 CAP
CONROD  7425038 74239   75039   2014    0.02482                 WEB
CONROD  7505939 75039   75939   2014    0.14855                 CAP
CONROD  7505938 75039   75939   2014    0.02329                 WEB
$
$                           TOP SKIN / LEFT WING
$
CQDMEM  7221121 0637075 72211   72221   72821   72811
CQDMEM  7281121 0637075 72811   72821   73421   73411
CQDMEM  7341121 0637075 73411   73421   74221   74211
CQDMEM  7421121 0637075 74211   74221   75021   75011
CQDMEM  7501121 0637075 75011   75021   75921   75911
CQDMEM  7222131 0637075 72221   72231   72831   72821
CQDMEM  7282131 0637075 72821   72831   73431   73421
CQDMEM  7342131 0637075 73421   73431   74231   74221
CQDMEM  7422131 0637075 74221   74231   75031   75021
CQDMEM  7502131 0637075 75021   75031   75931   75921
$
$                           BOTTOM SKIN / LEFT WING
$
CQDMEM  7221929 0637075 72219   72229   72829   72819
CQDMEM  7281929 0637075 72819   72829   73429   73419
CQDMEM  7341929 0637075 73419   73429   74229   74219
CQDMEM  7421929 0637075 74219   74229   75029   75019
CQDMEM  7501929 0637075 75019   75029   75929   75919
CQDMEM  7222939 0637075 72229   72239   72839   72829
CQDMEM  7282939 0637075 72829   72839   73439   73429
CQDMEM  7342939 0637075 73429   73439   74239   74229
CQDMEM  7422939 0637075 74229   74239   75039   75029
CQDMEM  7502939 0637075 75029   75039   75939   75929
$
$                           WS -22.19 RIB
$
CQDMEM  7221124 1252014 72211   72221   72224   72213
CQDMEM  7221326 1252014 72213   72224   72226   72217
CQDMEM  7221729 1252014 72217   72226   72229   72219
CTRMEM  7222431 1252014 72221   72224   72231
CQDMEM  7222439 1252014 72224   72231   72239   72226
CTRMEM  7222639 1252014 72226   72229   72239
$
$                           WS -28.00 RIB
$
CQDMEM  7281129 1252014 72811   72821   72829   72819
CQDMEM  7282139 1252014 72821   72831   72839   72829
$
$                           WS -34.00 RIB
$
CQDMEM  7341129 1252014 73411   73421   73429   73419
CQDMEM  7342139 1252014 73421   73431   73439   73429
$
$                           WS -42.50 RIB
$
CQDMEM  7421129 1252014 74211   74221   74229   74219
CQDMEM  7422139 1252014 74221   74231   74239   74229
$
$       HARD POINT FOR ATTACHING INBOARD WING STORES - LEFT SIDE
$
MPC     1000    74229   4       1.0     74221   2       .13623          L I/B 4
GL I/B 4        74229   2       -.13623
MPC     1000    74229   5       1.0     74219   3       -.10493         L I/B 5
GL I/B 5        74229   3       .10493
MPC     1000    74229   6       1.0     74219   2       .10493          L I/B 6
```

```
GL 1/8 6          74229    2          .10 93
$
$                                     WS -53.75 RIB
$
CQUAEM  7501129 1252014 75011    75021    75029    75019
CQUAEM  7502139 1252014 75021    75031    75039    75029
$
$                                     WS -59.00 RIB
$
CQDMEM  7511?9 1252014 75911    75921    75929    75919
CQDMEM  7512?9 1252014 75921    75931    75939    75929
$
$          HARD POINT FOR ATTACHING OUTBOARD WING STORES - LEFT SIDE
$
MPC     1000     75929    4        1.0      75921    2         .18182          L 3/8 4
GL 3/8 4         75929    2        -.18182
MPC     1000     75929    5        1.0      75919    3        -.11442          L 3/8 5
GL 3/8 5         75929    3         .11442
MPC     1000     75929    6        1.0      75919    2         .11442          L 3/8 6
GL 3/8 6         75929    2        -.11442
$
$                              FORWARD SPAR LUGS / LEFT WING
$
CBAR    7131922 7131922 71913    72213    0.0      0.0      1.0      1        F2 LUGL
PBAR    7131922 2014     1.32139 0.43256  0.91617  0.99515
CBAR    7171922 7171922 71917    72217    0.0      0.0      1.0      1        F5 LUGL
PBAR    7171922 2014     1.5496  0.16642  0.66633  0.45718
$
$                              CENTER SPAR LUGS / LEFT WING
$
CBAR    7221922 7221922 71922    72221    0.0      0.0      1.0      1        C1 LUGL
EC1 LUGL                 0.0      0.0      0.0      0.0      0.0      -0.91
PBAR    7221922 2014     0.54348 0.32604  0.65104  0.09104
CBAR    7241922 7241922 71924    72224    0.0      0.0      1.0      1        C3 LUGL
PBAR    7241922 2014     0.54348 0.32604  0.65104  0.09104
CBAR    7261922 7261922 71926    72226    0.0      0.0      1.0      1        C4 LUGL
PBAR    7261922 2014     0.8333  0.32604  0.65104  0.09104
CBAR    7281922 7281922 71928    72229    0.0      0.0      1.0      1        C6 LUGL
EC6 LUGL                 0.0      0.0      0.0      0.0      0.0      0.27
PBAR    7281922 2014     0.8333  0.32604  0.65104  0.09104
$
$                              AFT SPAR LUGS / LEFT WING
$
CBAR    7341922 7341922 71934    72231    0.0      0.0      1.0      1        A1 LUGL
EA1 LUGL                 0.0      0.0      0.0      0.0      0.0      -0.93
PBAR    7341922 2014     0.532   0.02781  0.32009  0.09058
CBAR    7361922 7361922 71936    72239    0.0      0.0      1.0      1        A3 LUGL
PBAR    7361922 2014     0.99648 0.04328  0.37096  0.13655
$
$                          FORWARD SPAR LUG PIN / LEFT WING
$
MPC     1000     71913    1        1.0      71914    1        -.518952        MPCFLU1
EMPCFLU1         71912    1        -.481048
MPC     1000     71913    2        1.0      71914    2        -.518952        MPCFLU2
EMPCFLU2         71912    2        -.481048
MPC     1000     71914    3        1.0      71913    3        -1.0
MPC     1000     71912    3        1.0      71913    3        -1.0
MPC     1000     71914    4        1.0      71913    4        -1.0
MPC     1000     71912    4        1.0      71913    4        -1.0
MPC     1000     71914    5        1.0      71913    5        -1.0
MPC     1000     71912    5        1.0      71913    5        -1.0
MPC     1000     71913    4        1.0      71914    2        -.403226        MPCFLU4
EMPCFLU4         71912    2         .403226
MPC     1000     71913    5        1.0      71914    1         .403226        MPCFLU5
EMPCFLU5         71912    1        -.403226
MPC     1000     71917    1        1.0      71918    1        -.457078        MPCFLL1
```

```
&MPCFLL1        71916   1       -.542922
MPC     1000    71917   2       1.0     71918   2       -.457078        MPCFLL2
&MPCFLL2        71916   2       -.542922
MPC     1000    71918   3       1.0     71917   3       -1.0
MPC     1000    71916   3       1.0     71917   3       -1.0
MPC     1000    71918   4       1.0     71917   4       -1.0
MPC     1000    71916   4       1.0     71917   4       -1.0
MPC     1000    71918   5       1.0     71917   5       -1.0
MPC     1000    71916   5       1.0     71917   5       -1.0
MPC     1000    71917   4       1.0     71918   2       -.456621        MPCFLL4
&MPCFLL4        71916   2        .456621
MPC     1000    71917   5       1.0     71918   1        .456621        MPCFLL5
&MPCFLL5        71916   1       -.456621
$
$                       CENTER SPAR LUG PIN / LEFT WING
$
MPC     1000    71923   1       1.0     71924   1       -.520710        MPCCLU1
&MPCCLU1        71922   1       -.479290
MPC     1000    71923   2       1.0     71924   2       -.520710        MPCCLU2
&MPCCLU2        71922   2       -.479290
MPC     1000    71924   3       1.0     71923   3       -1.0
MPC     1000    71922   3       1.0     71923   3       -1.0
MPC     1000    71924   4       1.0     71923   4       -1.0
MPC     1000    71922   4       1.0     71923   4       -1.0
MPC     1000    71924   5       1.0     71923   5       -1.0
MPC     1000    71922   5       1.0     71923   5       -1.0
MPC     1000    71923   4       1.0     71924   2       -.591716        MPCCLU4
&MPCCLU4        71922   2        .591716
MPC     1000    71923   5       1.0     71924   1        .591716        MPCCLU5
&MPCCLU5        71922   1       -.591716
MPC     1000    71927   1       1.0     71928   1       -.40            MPCCLL1
&MPCCLL1        71926   1       -.60
MPC     1000    71927   2       1.0     71928   2       -.40            MPCCLL2
&MPCCLL2        71926   2       -.60
MPC     1000    71928   3       1.0     71927   3       -1.0
MPC     1000    71926   3       1.0     71927   3       -1.0
MPC     1000    71928   4       1.0     71927   4       -1.0
MPC     1000    71926   4       1.0     71927   4       -1.0
MPC     1000    71928   5       1.0     71927   5       -1.0
MPC     1000    71926   5       1.0     71927   5       -1.0
MPC     1000    71927   4       1.0     71928   2       -.588235        MPCCLL4
&MPCCLL4        71926   2        .588235
MPC     1000    71927   5       1.0     71928   1        .588235        MPCCLL5
&MPCCLL5        71926   1       -.588235
$
$                       AFT SPAR LUG PIN / LEFT WING
$
MPC     1000    71935   1       1.0     71936   1       -.477612        MPCALC1
&MPCALC1        71934   1       -.522388
MPC     1000    71935   2       1.0     71936   2       -.477612        MPCALC2
&MPCALC2        71934   2       -.522388
MPC     1000    71936   3       1.0     71935   3       -1.0
MPC     1000    71934   3       1.0     71935   3       -1.0
MPC     1000    71936   4       1.0     71935   4       -1.0
MPC     1000    71934   4       1.0     71935   4       -1.0
MPC     1000    71936   5       1.0     71935   5       -1.0
MPC     1000    71934   5       1.0     71935   5       -1.0
MPC     1000    71935   4       1.0     71936   2       -.746269        MPCALC4
&MPCALC4        71934   2        .746269
MPC     1000    71935   5       1.0     71936   1        .746269        MPCALC5
&MPCALC5        71934   1       -.746269
$
$                       MAIN ROTOR TRANSMISSION
$                           204-040-009
$
CBAR    3530251 353025  200070  200078  1.0     0.0     0.0     1       MR G/B
```

```
CBAR     3530252 353025  200078  200079  1.0     0.0     0.0     1       MR G/B
CBAR     3530253 353025  200079  200087  1.0     0.0     0.0     1       MR G/B
CBAR     3530254 353025  200087  200096  1.0     0.0     0.0     1       MR G/B
CBAR     3530255 353025  200096  200101  1.0     0.0     0.0     1       MRBRG2
&MRBRG2          456
PBAR     353025  1       100.    1950.   1950.   1480.
$
$                              MAIN ROTOR MAST
$                                209-010-450
$
CBAR     4500050 450007  200079  200086  1.0     0.0     0.0     1       MRBRG1
&MRBRG1  56
CBAR     4500070 450007  200086  200095  1.0     0.0     0.0     1       MR MAST
CBAR     4500071 450007  200095  200101  1.0     0.0     0.0     1       MR MAST
CBAR     4500072 450007  200101  200106  1.0     0.0     0.0     1       MR MAST
CBAR     4500073 450007  200106  200114  1.0     0.0     0.0     1       MR MAST
CBAR     4500074 450007  200114  200121  1.0     0.0     0.0     1       MR MAST
CBAR     4500075 450007  200121  200129  1.0     0.0     0.0     1       MR MAST
CBAR     4500076 450007  200129  200137  1.0     0.0     0.0     1       MR MAST
CBAR     4500077 450007  200137  200145  1.0     0.0     0.0     1       MR MAST
CBAR     4500078 450007  200145  200153  1.0     0.0     0.0     1       MR MAST
CBAR     4500079 450007  200153  200155  1.0     0.0     0.0     1       MR MAST
PBAR     450007  1       100.    120.07  120.07  91.388
$
$                          MAIN ROTOR PYLON LEFT LINK
$                                212-030-104
$                               &209-030-357<
$
CBAR     3570001 3570001 200078  19765   1.0     0.0     0.0     1       LLINK
&LLINK           -3.10   0.0     -1.67   0.0     0.0     1.52
PBAR     3570001 4340    0.89    0.0     0.0     0.0
$
$                  MAIN ROTOR TRANSMISSION CASE SUPPORT ASSEMBLY
$                                204-040-354-009
$
MPC      1000    189073  1       1.0     200078  1       -1.0            FWDR1
&FWDR1           200078  6       12.375
MPC      1000    189073  2       1.0     200078  2       -1.0            FWDR2
&FWDR2           200078  6       10.06
MPC      1000    189073  3       1.0     200078  3       -1.0            FWDR3
&FWDR3           200078  4       -12.375 200078  5       -10.06
MPC      1000    189073  4       1.0     200078  4       -1.0            FWDR4
MPC      1000    189073  5       1.0     200078  5       -1.0            FWDR5
MPC      1000    189073  6       1.0     200078  6       -1.0            FWDR6
MPC      1000    189077  1       1.0     200078  1       -1.0            FWDL1
&FWDL1           200078  6       -12.375
MPC      1000    189077  2       1.0     200078  2       -1.0            FWDL2
&FWDL2           200078  6       10.06
MPC      1000    189077  3       1.0     200078  3       -1.0            FWDL3
&FWDL3           200078  4       12.375  200078  5       -10.06
MPC      1000    189077  4       1.0     200078  4       -1.0            FWDL4
MPC      1000    189077  5       1.0     200078  5       -1.0            FWDL5
MPC      1000    189077  6       1.0     200078  6       -1.0            FWDL6
MPC      1000    211073  1       1.0     200078  1       -1.0            AFTR1
&AFTR1           200078  6       12.375
MPC      1000    211073  2       1.0     200078  2       -1.0            AFTR2
&AFTR2           200078  6       -11.72
MPC      1000    211073  3       1.0     200078  3       -1.0            AFTR3
&AFTR3           200078  4       -12.375 200078  5       11.72
MPC      1000    211073  4       1.0     200078  4       -1.0            AFTR4
MPC      1000    211073  5       1.0     200078  5       -1.0            AFTR5
MPC      1000    211073  6       1.0     200078  6       -1.0            AFTR6
MPC      1000    211077  1       1.0     200078  1       -1.0            AFTL1
&AFTL1           200078  6       -12.375
MPC      1000    211077  2       1.0     200078  2       -1.0            AFTL2
&AFTL2           200078  6       -11.72
```

```
MPC     1000    211077  3       1.0     200078  3       -1.0            AFTL3
+AFTL3          200078  4       12.375  200078  5       11.72
MPC     1000    211077  4       1.0     200078  4       -1.0            AFTL4
MPC     1000    211077  5       1.0     200078  5       -1.0            AFTL5
MPC     1000    211077  6       1.0     200078  6       -1.0            AFTL6
MPC     1000    214075  1       1.0     200078  1       -1.0            AFTC1
MPC     1000    214075  2       1.0     200078  2       -1.0            AFTC2
+AFTC2          200078  6       -14.50
MPC     1000    214075  3       1.0     200078  3       -1.0            AFTC3
+AFTC3          200078  5       14.50
MPC     1000    214075  4       1.0     200078  4       -1.0            AFTC4
MPC     1000    214075  5       1.0     200078  5       -1.0            AFTC5
MPC     1000    214075  6       1.0     200078  6       -1.0            AFTC6
$
$                       MAIN ROTOR PYLON MOUNT SPRINGS
$                            204-031-928-005
$
CELAS2  189831  28125.  189073  1       18983   1                       FWD R X
CELAS2  189832  28125.  189073  2       18983   2                       FWD R Y
CELAS2  189833  4500.   189073  3       18983   3                       FWD R Z
CELAS2  189871  28125.  189077  1       18987   1                       FWD L X
CELAS2  189872  28125.  189077  2       18987   2                       FWD L Y
CELAS2  189873  4500.   189077  3       18987   3                       FWD L Z
CELAS2  211831  28125.  211073  1       21183   1                       AFT R X
CELAS2  211832  28125.  211073  2       21183   2                       AFT R Y
CELAS2  211833  4500.   211073  3       21183   3                       AFT R Z
CELAS2  211871  28125.  211077  1       21187   1                       AFT L X
CELAS2  211872  28125.  211077  2       21187   2                       AFT L Y
CELAS2  211873  4500.   211077  3       21187   3                       AFT L Z
CELAS2  214853  20000.  214075  3       21485   3                       AFT C Z
$
$                            TAIL ROTOR GEARBOX
$                               204-040-400
$
CBAR    4000071 400007  52045   520024  0.0     0.0     1.0     1       TRBRG1
CBAR    4000072 400007  52045   520068  0.0     0.0     1.0     1       TRBRG2
+TRBRG2         456
PBAR    400007  4620    10.0    3.25    3.25    6.50
$
$                            TAIL ROTOR MAST
$                               204-040-402
$
CBAR    4020091 4020091 520018  520024  0.0     0.0     1.0     1       TR MAST
PBAR    4020091 4620    1.1090  0.2393  0.2393  0.4787
CBAR    4020092 4020092 520024  520057  0.0     0.0     1.0     1       TR MAST
PBAR    4020092 4620    0.9362  0.1909  0.1909  0.3817
CBAR    4020093 4020093 520057  520065  0.0     0.0     1.0     1       TR MAST
PBAR    4020093 4620    0.9442  0.1635  0.1635  0.3269
CBAR    4020094 4020094 520065  520068  0.0     0.0     1.0     1       TR MAST
PBAR    4020094 4620    1.0034  0.1790  0.1790  0.3580
CBAR    4020095 4020095 520068  520079  0.0     0.0     1.0     1       TR MAST
PBAR    4020095 4620    1.1242  0.1838  0.1838  0.3675
CBAR    4020096 4020096 520079  520135  0.0     0.0     1.0     1       TR MAST
PBAR    4020096 4620    0.8176  0.1149  0.1149  0.2297
CBAR    4020097 4020097 520135  520139  0.0     0.0     1.0     1       TR MAST
PBAR    4020097 4620    0.6437  0.07945 0.07945 0.1589
CBAR    4020098 4020098 520139  520152  0.0     0.0     1.0     1       TR MAST
PBAR    4020098 4620    0.6511  0.08074 0.08074 0.1615
CBAR    4020099 4020099 520152  520185  0.0     0.0     1.0     1       TR MAST
PBAR    4020099 4620    0.6511  0.08074 0.08074 0.1615
$
$                            SKID LANDING GEAR
$                               209-050-002
$
$
$                            RIGHT SKID TUBE
```

```
$                                   209-050-302-052
$
CBAR    0020521 0020521 211001  214902  0.0     0.0     1.0     1
PBAR    0020521 2024    0.779   1.510   1.510   3.020
CBAR    0020522 0020522 214902  222002  0.0     0.0     1.0     1
PBAR    0020522 2024    0.779   1.510   1.510   3.020
CBAR    0020523 0020523 222002  223402  0.0     0.0     1.0     1
PBAR    0020523 2024    0.779   1.510   1.510   3.020
$
$                                   LEFT SKID TUBE
$                                   209-050-002-051
$
CBAR    0020511 0020511 211301  214901  0.0     0.0     1.0     1
PBAR    0020511 2024    0.779   1.510   1.510   3.020
CBAR    0020512 0020512 214901  222001  0.0     0.0     1.0     1
PBAR    0020512 2024    0.779   1.510   1.510   3.020
CBAR    0020513 0020513 222001  223401  0.0     0.0     1.0     1
PBAR    0020513 2024    0.779   1.510   1.510   3.020
$
$                               FORWARD CROSS TUBE
$                                   209-050-002-045
$
CBAR    0020451 0020451 214902  215102  0.0     0.0     1.0     1
PBAR    0020451 7075    1.132   0.836   0.836   1.672
CBAR    0020452 0020452 215102  215202  0.0     0.0     1.0     1
PBAR    0020452 7075    1.686   1.312   1.312   2.624
CBAR    0020453 0020453 215202  215201  0.0     0.0     1.0     1
PBAR    0020453 7075    1.964   1.549   1.549   3.098
CBAR    0020454 0020454 215201  215101  0.0     0.0     1.0     1
PBAR    0020454 7075    1.686   1.312   1.312   2.624
CBAR    0020455 0020455 215101  214901  0.0     0.0     1.0     1
PBAR    0020455 7075    1.132   0.836   0.836   1.672
$
$                                   AFT CROSS TUBE
$                                   209-050-002-041
$
CBAR    0020411 0020411 222002  222202  0.0     0.0     1.0     1
PBAR    0020411 7075    1.516   1.090   1.090   2.180
CBAR    0020412 0020412 222202  222302  0.0     0.0     1.0     1
PBAR    0020412 7075    2.371   1.712   1.712   3.424
CBAR    0020413 0020413 222302  222301  0.0     0.0     1.0     1
PBAR    0020413 7075    2.798   2.022   2.022   4.044
CBAR    0020414 0020414 222301  222201  0.0     0.0     1.0     1
PBAR    0020414 7075    2.371   1.712   1.712   3.424
CBAR    0020415 0020415 222201  222001  0.0     0.0     1.0     1
PBAR    0020415 7075    1.516   1.090   1.090   2.180
$
$           FORWARD SKID LANDING GEAR MOUNTING STRUCTURE / RIGHT SIDE
$                                   209-030-302-004
$
MPC     1000    14823   1       1.0     15212   1       -1.0            GM11RFG
GM11RFG         15212   5       -5.63   15212   6       -3.50
MPC     1000    14823   2       1.0     15212   2       -1.0            GM21RFG
GM21RFG         15212   4        5.63   15212   6        3.95
MPC     1000    14823   3       1.0     15212   3       -1.0            GM31RFG
GM31RFG         15212   4        3.50   15212   5       -3.95
MPC     1000    15623   1       1.0     15212   1       -1.0            GM12RFG
GM12RFG         15212   5       -5.63   15212   6       -1.83
MPC     1000    15623   2       1.0     15212   2       -1.0            GM22RFG
GM22RFG         15212   4        5.63   15212   6       -3.96
MPC     1000    15623   3       1.0     15212   3       -1.0            GM32RFG
GM32RFG         15212   4        1.83   15212   5        3.96
MPC     1000    14803   1       1.0     15212   1       -1.0            GM13RFG
GM13RFG         15212   5        3.34   15212   6       -3.50
MPC     1000    14803   2       1.0     15212   2       -1.0            GM23RFG
GM23RFG         15212   4       -3.34   15212   6        3.95
```

```
MPC     1000    14803   3       1.0     15212   3       -1.0            GM33RFG
GM33RFG         15212   4        3.50   15212   5       -3.95
MPC     1000    15603   1       1.0     15212   1       -1.0            GM14RFG
GM14RFG         15212   5        3.34   15212   6       -3.50
MPC     1000    15603   2       1.0     15212   2       -1.0            GM24RFG
GM24RFG         15212   4       -3.34   15212   6       -3.96
MPC     1000    15603   3       1.0     15212   3       -1.0            GM34RFG
GM34RFG         15212   4        3.50   15212   5        3.96
MPC     1000    15212   1       1.0     215202  1       -1.0            RFG
MPC     1000    15212   2       1.0     215202  2       -1.0            RFG
MPC     1000    15212   3       1.0     215202  3       -1.0            RFG
$
$           FORWARD SKID LANDING GEAR MOUNTING STRUCTURE / LEFT SIDE
$                               209-030-302-003
$
MPC     1000    14827   1       1.0     15218   1       -1.0            GM11LFG
GM11LFG         15218   5       -5.63   15218   6        3.50
MPC     1000    14827   2       1.0     15218   2       -1.0            GM21LFG
GM21LFG         15218   4        5.63   15218   6        3.95
MPC     1000    14827   3       1.0     15218   3       -1.0            GM31LFG
GM31LFG         15218   4       -3.50   15218   5       -3.95
MPC     1000    15627   1       1.0     15218   1       -1.0            GM12LFG
GM12LFG         15218   5       -5.63   15218   6        1.83
MPC     1000    15627   2       1.0     15218   2       -1.0            GM22LFG
GM22LFG         15218   4        5.63   15218   6       -3.96
MPC     1000    15627   3       1.0     15218   3       -1.0            GM32LFG
GM32LFG         15218   4       -1.83   15218   5        3.96
MPC     1000    14807   1       1.0     15218   1       -1.0            GM13LFG
GM13LFG         15218   5        3.34   15218   6        3.50
MPC     1000    14807   2       1.0     15218   2       -1.0            GM23LFG
GM23LFG         15218   4       -3.34   15218   6        3.95
MPC     1000    14807   3       1.0     15218   3       -1.0            GM33LFG
GM33LFG         15218   4       -3.50   15218   5       -3.95
MPC     1000    15607   1       1.0     15218   1       -1.0            GM14LFG
GM14LFG         15218   5        3.34   15218   6        3.50
MPC     1000    15607   2       1.0     15218   2       -1.0            GM24LFG
GM24LFG         15218   4       -3.34   15218   6       -3.96
MPC     1000    15607   3       1.0     15218   3       -1.0            GM34LFG
GM34LFG         15218   4       -3.50   15218   5        3.96
MPC     1000    15218   1       1.0     215201  1       -1.0            LFG
MPC     1000    15218   2       1.0     215201  2       -1.0            LFG
MPC     1000    15218   3       1.0     215201  3       -1.0            LFG
$
$           AFT SKID LANDING GEAR MOUNTING STRUCTURE / RIGHT SIDE
$                               209-030-172-002
$
CTRMEM  1720021 1552014 21821   22312   21803
CTRMEM  1720022 1552014 21821   22312   22721
CTRMEM  1720023 1552014 22721   22312   22703
CTRMEM  1720024 1552014 21803   22312   22703
CTRMEM  1720025 1552014 21823   22312   21801
CTRMEM  1720026 1552014 21823   22312   22723
CTRMEM  1720027 1552014 22723   22312   22701
CTRMEM  1720028 1552014 21801   22312   22701
MPC     1000    22312   1       1.0     222302  1       -1.0
MPC     1000    22312   2       1.0     222302  2       -1.0
MPC     1000    22312   3       1.0     222302  3       -1.0
$
$           AFT SKID LANDING GEAR MOUNTING STRUCTURE / LEFT SIDE
$                               209-030-172-001
$
CTRMEM  1720011 1552014 21829   22318   21807
CTRMEM  1720012 1552014 21829   22318   22729
CTRMEM  1720013 1552014 22729   22318   22707
CTRMEM  1720014 1552014 21807   22319   22707
CTRMEM  1720015 1552014 21827   22318   21809
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CTRMEM  1720016 1552014 21827   22318   22727
CTRMEM  1720017 1552014 22727   22318   22709
CTRMEM  1720018 1552014 21809   22318   22709
MPC     1000    22318   1       1.0     222301  1       -1.0
MPC     1000    22318   2       1.0     222301  2       -1.0
MPC     1000    22318   3       1.0     222301  3       -1.0
$
$                               ENGINE MOUNTS
$                       209-060-106/107/108/109
$
CONROD  109001  123467  123487  4130    0.0887
MPC     1000    123467  1       1.0     25069   1       -.798210        FEM F1
GFEM F1         25065   1       -.201790
MPC     1000    123467  2       1.0     25069   2       -1.0            FEM F2
GFEM F2         25069   1       .961728 25065   1       -.961728
MPC     1000    123467  3       1.0     25069   3       -.366152        FEM F3
GFEM F3         25065   3       -.201790 21369  3       -.432058
CONROD  1070012 125063  125383  4130    0.1261
MPC     1000    125063  1       1.0     25061   1       -.802963        REM 41
GREM 41         25065   1       -.197037
MPC     1000    125063  2       1.0     25061   2       -1.0
MPC     1000    125063  3       1.0     25061   3       -.802963        REM 43
GREM 43         25065   3       -.197037
CONROD  1060012 126863  125383  4130    0.1261
MPC     1000    126863  1       1.0     26861   1       -.675389        REM 51
GREM 51         26865   1       -.324611
MPC     1000    126863  2       1.0     26861   2       -1.0
MPC     1000    126863  3       1.0     26861   3       -.675389        REM 53
GREM 53         26865   3       -.324611
CONROD  108001  125065  125387  4130    0.1261
MPC     1000    125065  1       1.0     25065   1       -.880432        LEM 31
GLEM 31         25069   1       -.119568
MPC     1000    125065  2       1.0     25065   2       -1.0
MPC     1000    125065  3       1.0     25065   3       -.880432        LEM 33
GLEM 33         25069   3       -.119568
CONROD  1070011 125067  125387  4130    0.1261
MPC     1000    125067  1       1.0     25069   1       -.802963        LEM 21
GLEM 21         25065   1       -.197037
MPC     1000    125067  2       1.0     25069   2       -1.0
MPC     1000    125067  3       1.0     25069   3       -1.0
CONROD  1060011 126867  125387  4130    0.1261
MPC     1000    126867  1       1.0     26869   1       -.675389        LEM 11
GLEM 11         26865   1       -.324611
MPC     1000    126867  2       1.0     26869   2       -1.0
MPC     1000    126867  3       1.0     26869   3       -.675389        LEM 13
GLEM 13         26865   3       -.324611
$
$                               ENGINE
$                           209-060-005
$
MPC     1000    123487  1       1.0     124800  1       -1.0            ENG A1
GENG A1         124800  5       4.25    124800  6       -9.49
MPC     1000    123487  2       1.0     124800  2       -1.0            ENG A2
GENG A2         124800  6       13.931  124800  4       -4.25
MPC     1000    123487  3       1.0     124800  3       -1.0            ENG A3
GENG A3         124800  4       9.49    124800  5       -13.931
MPC     1000    125383  1       1.0     124800  1       -1.0            ENG B1
GENG B1         124800  5       5.562   124800  6       11.731
MPC     1000    125383  2       1.0     124800  2       -1.0            ENG B2
GENG B2         124800  6       -5.326  124800  4       -5.562
MPC     1000    125383  3       1.0     124800  3       -1.0            ENG B3
GENG B3         124800  4       -11.731 124800  5       5.326
MPC     1000    125387  1       1.0     124800  1       -1.0            ENG C1
GENG C1         124800  5       5.562   124800  6       -11.731
MPC     1000    125387  2       1.0     124800  2       -1.0            ENG C2
GENG C2         124800  6       -5.326  124800  4       -5.562
```

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MPC     1000    125387  3       1.0     124800  3       -1.0            ENG C3
&ENG C3         124800  4        11.731 124800  5        5.326
MPC     1000    122400  1       1.0     124800  1       -1.0            FWDENG1
MPC     1000    122400  2       1.0     124800  2       -1.0            FWDENG2
&FWDENG2        124800  6        23.9
MPC     1000    122400  3       1.0     124800  3       -1.0            FWDENG3
&FWDENG3        124800  5       -23.9
MPC     1000    122400  4       1.0     124800  4       -1.0            FWDENG4
MPC     1000    122400  5       1.0     124800  5       -1.0            FWDENG5
MPC     1000    122400  6       1.0     124800  6       -1.0            FWDENG6
MPC     1000    127200  1       1.0     124800  1       -1.0            AFTENG1
MPC     1000    127200  2       1.0     124800  2       -1.0            AFTENG2
&AFTENG2        124800  6       -24.8
MPC     1000    127200  3       1.0     124800  3       -1.0            AFTENG3
&AFTENG3        124800  5        24.8
MPC     1000    127200  4       1.0     124800  4       -1.0            AFTENG4
MPC     1000    127200  5       1.0     124800  5       -1.0            AFTENG5
MPC     1000    127200  6       1.0     124800  6       -1.0            AFTENG6
$
$
$                                       MEMBRANE PROPERTIES
$
$
PQDMEM  0082024 2024    0.008
PQDMEM  0100076 0076    0.010
PQDMEM  0122024 2024    0.012
PQDMEM  0127075 7075    0.012
PQDMEM  0129046 9046    0.012
PQDMEM  0152014 2014    0.015
PQDMEM  0162024 2024    0.016
PQDMEM  0169046 9046    0.016
PQDMEM  0200076 0076    0.020
PQDMEM  0202024 2024    0.020
PQDMEM  0212024 2024    0.021
PQDMEM  0227075 7075    0.022
PQDMEM  0242024 2024    0.024
PQDMEM  025     2024    0.025
PQDMEM  0250057 0057    0.025
PQDMEM  0252024 2024    0.025
PQDMEM  0282024 2024    0.028
PQDMEM  0287075 7075    0.028
PQDMEM  0289046 9046    0.028
PQDMEM  0300076 0076    0.030
PQDMEM  032     2024    0.032
PQDMEM  0322014 2014    0.032
PQDMEM  0322024 2024    0.032
PQDMEM  0327075 7075    0.032
PQDMEM  0329046 9046    0.032
PQDMEM  0362024 2024    0.036
PQDMEM  0402024 2024    0.040
PQDMEM  0407075 7075    0.040
PQDMEM  0492024 2024    0.049
PQDMEM  0507075 7075    0.050
PQDMEM  0509046 9046    0.050
PQDMEM  0522024 2024    0.052
PQDMEM  0637075 7075    0.063
PQDMEM  0669046 9046    0.066
PQDMEM  0682024 2024    0.068
PQDMEM  0727075 7075    0.072
PQDMEM  0857075 7075    0.085
PQDMEM  0959046 9046    0.095
PQDMEM  1007075 7075    0.100
PQDMEM  1252014 2014    0.125
PQDMEM  2002014 2014    0.200
PQDMEM  4002014 2014    0.400
```

```
PTRMEM   0082024 2024     0.008
PTRMEM   0100076 0076     0.010
PTRMEM   0122024 2024     0.012
PTRMEM   0127075 7075     0.012
PTRMEM   0129046 9046     0.012
PTRMEM   0152014 2014     0.015
PTRMEM   0162024 2024     0.016
PTRMEM   0167075 7075     0.016
PTRMEM   0169046 9046     0.016
PTRMEM   0200076 0076     0.020
PTRMEM   0202024 2024     0.020
PTRMEM   0207075 7075     0.020
PTRMEM   0212024 2024     0.021
PTRMEM   0227075 7075     0.022
PTRMEM   0242024 2024     0.024
PTRMEM   025     2024     0.025
PTRMEM   0250057 0057     0.025
PTRMEM   0252024 2024     0.025
PTRMEM   0257075 7075     0.025
PTRMEM   0259046 9046     0.025
PTRMEM   0282024 2024     0.028
PTRMEM   0300076 0076     0.030
PTRMEM   032     2024     0.032
PTRMEM   0322014 2014     0.032
PTRMEM   0322024 2024     0.032
PTRMEM   0327075 7075     0.032
PTRMEM   0329046 9046     0.032
PTRMEM   0402024 2024     0.040
PTRMEM   0407075 7075     0.040
PTRMEM   0492024 2024     0.049
PTRMEM   0507075 7075     0.050
PTRMEM   0509046 9046     0.050
PTRMEM   0527075 7075     0.052
PTRMEM   0637075 7075     0.063
PTRMEM   0657075 7075     0.065
PTRMEM   0717075 7075     0.071
PTRMEM   0727075 7075     0.072
PTRMEM   0807075 7075     0.080
PTRMEM   0857075 7075     0.085
PTRMEM   0959046 9046     0.095
PTRMEM   1007075 7075     0.100
PTRMEM   1252014 2014     0.125
PTRMEM   150     2014     0.150
PTRMEM   1552014 2014     0.155
PTRMEM   18157   2014     0.18157
PTRMEM   2002014 2014     0.200
PTRMEM   4002014 2014     0.400
$
$
$                              SHEAR PANEL PROPERTIES
$
$
PSHEAR   0082024 2024     0.008
PSHEAR   0100076 0076     0.010
PSHEAR   0122024 2024     0.012
PSHEAR   0127075 7075     0.012
PSHEAR   0129046 9046     0.012
PSHEAR   0152014 2014     0.015
PSHEAR   0162024 2024     0.016
PSHEAR   0167075 7075     0.016
PSHEAR   0169046 9046     0.016
PSHEAR   0200076 0076     0.020
PSHEAR   0202024 2024     0.020
PSHEAR   0207075 7075     0.020
PSHEAR   0212024 2024     0.021
PSHEAR   0227075 7075     0.022
```

```
PSHEAR   0242024 2024    0.024
PSHEAR   0250057 0057    0.025
PSHEAR   0252024 2024    0.025
PSHEAR   0257075 7075    0.025
PSHEAR   0259046 9046    0.025
PSHEAR   0282024 2024    0.028
PSHEAR   0292024 2024    0.029
PSHEAR   0300076 0076    0.030
PSHEAR   0322024 2024    0.032
PSHEAR   0327075 7075    0.032
PSHEAR   0329046 9046    0.032
PSHEAR   0402024 2024    0.040
PSHEAR   0407075 7075    0.040
PSHEAR   0409046 9046    0.040
PSHEAR   0417075 7075    0.041
PSHEAR   0492024 2024    0.049
PSHEAR   0507075 7075    0.050
PSHEAR   0509046 9046    0.050
PSHEAR   0527075 7075    0.052
PSHEAR   063     7075    0.063
PSHEAR   06416   2014    0.06416
PSHEAR   0657075 7075    0.065
PSHEAR   0717075 7075    0.071
PSHEAR   07149   2014    0.07149
PSHEAR   0727075 7075    0.072
PSHEAR   07278   2014    0.07278
PSHEAR   07402   2014    0.07402
PSHEAR   07505   2014    0.07505
PSHEAR   0807075 7075    0.080
PSHEAR   0817075 7075    0.081
PSHEAR   100     2014    0.100
PSHEAR   1007075 7075    0.100
PSHEAR   11916   2014    0.11916
PSHEAR   12381   2014    0.12381
PSHEAR   125     2014    0.125
PSHEAR   1252014 2014    0.125
PSHEAR   12728   2014    0.12728
PSHEAR   12966   2014    0.12966
PSHEAR   150     2014    0.150
PSHEAR   17088   2014    0.17088
PSHEAR   17410   2014    0.17410
PSHEAR   17490   2014    0.17490
PSHEAR   17735   2014    0.17735
PSHEAR   18157   2014    0.18157
PSHEAR   200     2014    0.200
PSHEAR   2002014 2014    0.200
PSHEAR   400     2014    0.400
PSHEAR   4002014 2014    0.400
$
$
$                                   MATERIAL CARDS
$
$
MAT1     1         1.066   1.066
MAT1     10        1.0     1.0
MAT1     0057      3.266   0.866  0.32
MAT1     0076      3.266   0.866  0.32
MAT1     2014     10.566   4.066
MAT1     2024     10.566   4.066
MAT1     7075     10.366   3.966
MAT1     4130     29.066  11.066
MAT1     4340     29.066  11.066
MAT1     4620     29.066  11.066
MAT1     9046     17.566   6.566
$
$ . . . . . .
```

```
$                                    END
$                                ELEMENT DATA
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
$
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                              MISCELLANEOUS CARDS
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
SUPORT  15625   1
SUPORT  18665   2
SUPORT  18661   3
SUPORT  21325   2
SUPORT  21341   3
SUPORT  21349   3
CORD1R   9373    9333    9373   11563
CORD1R   9377    9337    9377   11567
COR 2R   7071    0       70.79   15.72   61.84   68.86   15.72   71.84   C 7071
GC 7071  98.69   17.65   67.23
CORD2R   7079    0       70.79  -15.72   61.84   68.86  -15.72   71.84   C 7079
GC 7079  98.69  -17.65   67.23
CORD2R   8571    0       85.26   16.72   64.64   83.33   16.72   74.64   C 8571
GC 8571  98.69   17.65   67.23
CORD2R   8579    0       85.26  -16.72   64.64   83.33  -16.72   74.64   C 8579
GC 8579  98.69  -17.65   67.23
CORD2R  11571    0      114.04   17.65   70.19  112.11   17.65   80.19  C11571
GC11571 152.27   17.64   77.57
CORD2R  11579    0      114.04  -17.65   70.19  112.11  -17.65   80.19  C11579
GC11579 152.27  -17.64   77.57
CORD1R  13849   13837   13867   14867
CORD1R  13871   13861   13871   14881
CORD1R  13879   13869   13879   14889
CORD1R  15633   15623   15633   18621
CORD1R  15637   15627   15637   18629
CORD1R  29965   29925   29965   31745
EIGR    999     GIV     0.0     200.0   30      30                      EIGR
GEIGR   MAX
PARAM   WTMASS  .00259
PARAM   LMODES  30
PARAM   GROPNT  0
$
$
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$                          STATIC / DYNAMIC LOAD CARDS
$ * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
$
ENDDATA

 TOTAL COUNT= 6572


*** USER INFORMATION MESSAGE 207, BULK DATA NOT SORTED,XSORT WILL RE-ORDER DECK.
```

NATURAL FREQUENCIES AND MODE SHAPES

SORTED BULK DATA ECHO

CARD COUNT	1	2	3	4	5	6	7	8	9	10
1-	CBAR	20411	20411	222002	222202	.0	.0	1.0	1	
2-	CBAR	20412	20412	222202	222302	.0	.0	1.0	1	
3-	CBAR	20413	20413	222302	222301	.0	.0	1.0	1	
4-	CBAR	20414	20414	222301	222201	.0	.0	1.0	1	
5-	CBAR	20415	20415	222201	222001	.0	.0	1.0	1	
6-	CBAR	20451	20451	214902	215102	.0	.0	1.0	1	
7-	CBAR	20452	20452	215102	215202	.0	.0	1.0	1	
8-	CBAR	20453	20453	215202	215201	.0	.0	1.0	1	
9-	CBAR	20454	20454	215201	215101	.0	.0	1.0	1	
10-	CBAR	20455	20455	215101	214901	.0	.0	1.0	1	
11-	CBAR	20511	20511	211001	214901	.0	.0	1.0	1	
12-	CBAR	20512	20512	214901	222001	.0	.0	1.0	1	
13-	CBAR	20513	20513	222001	223401	.0	.0	1.0	1	
14-	CBAR	20521	20521	211002	214902	.0	.0	1.0	1	
15-	CBAR	20522	20522	214902	222002	.0	.0	1.0	1	
16-	CBAR	20523	20523	222002	223402	.0	.0	1.0	1	
17-	CBAR	1070311	1070311	18667	18687	1.0	.0	.0	1	
18-	CBAR	1070321	1070321	18663	18683	1.0	.0	.0	1	
19-	CBAR	1210091	1210091	21367	21387	1.0	.0	.0	1	
20-	CBAR	1210101	1210101	21363	21383	1.0	.0	.0	1	
21-	CBAR	1210211	1210211	18687	18987	.0	.0	1.0	1	
22-	CBAR	1210212	1210212	18987	21187	.0	.0	1.0	1	
23-	CBAR	1210213	1210213	21187	21387	.0	.0	1.0	1	
24-	CBAR	1210611	1210611	18683	18983	.0	.0	1.0	1	
25-	CBAR	1210612	1210612	18983	21183	.0	.0	1.0	1	
26-	CBAR	1210613	1210613	21183	21383	.0	.0	1.0	1	
27-	CBAR	1864100	1864100	18641	61918	.0	1.0	1.0	1	F6 LUGR
28-	CBAR	1864900	1864900	18649	71918	.0	1.0	1.0	1	F6 LUGL
29-	CBAR	1865100	1865100	18651	61916	.0	1.0	1.0	1	F4 LUGR
30-	CBAR	1865400	1865400	18654	71916	.0	1.0	1.0	1	F4 LUGL
31-	CBAR	1865600	1865600	18656	61914	.0	1.0	1.0	1	F3 LUGR
32-	CBAR	1865900	1865900	18659	71914	.0	1.0	1.0	1	F3 LUGL
33-	CBAR	1866100	1866100	18661	61912	.0	1.0	1.0	1	F1 LUGR
34-	CBAR	1866900	1866900	18669	71912	.0	1.0	1.0	1	F1 LUGL
35-	CBAR	1874142	1874142	18641	18642	.0	1.0	1.0	1	
36-	CBAR	1874151	1874151	18641	18651	.0	1.0	1.0	1	
37-	CBAR	1874243	1874243	18642	18643	.0	1.0	1.0	1	1874243
38-	&1874243		6							
39-	CBAR	1874344	1874344	18643	18644	.0	1.0	1.0	1	
40-	CBAR	1874363	1874363	18643	18663	.0	1.0	1.0	1	
41-	CBAR	1874445	1874445	18644	18545	.0	1.0	1.0	1	
42-	CBAR	1874546	1874546	18645	18644	.0	1.0	1.0	1	
43-	CBAR	1874647	1874647	18646	18647	.0	1.0	1.0	1	
44-	CBAR	1874745	1874748	18647	18648	.0	1.0	1.0	1	1874748
45-	&1874748	6								
46-	CBAR	1874753	1874753	18647	18653	.0	1.0	1.0	1	1874753
47-	&1874753	456								
48-	CBAR	1874767	1874767	18647	18667	.0	1.0	1.0	1	
49-	CBAR	1874849	1874849	18648	18649	.0	1.0	1.0	1	
50-	CBAR	1874954	1874954	18649	186 .	.0	1.0	1.0	1	
51-	CBAR	1875152	1875152	18651	18652	.0	1.0	1.0	1	
52-	CBAR	1875156	1875156	18651	18656	.0	1.0	1.0	1	
53-	CBAR	1875243	1875243	18652	18643	.0	1.0	1.0	1	1875243
54-	&1875243		456							
55-	CBAR	1875257	1875257	18652	18657	.0	1.0	1.0	1	
56-	CBAR	1875354	1875354	18653	18654	.0	1.0	1.0	1	

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57-     CBAR     1875358 1875359 18658  18658  .0     1.0    1.0    1
58-     CBAR     1875459 1875459 18659  18659  .0     1.0    1.0    1
59-     CBAR     1875657 1875657 18656  18657  .0     1.0    1.0    1
60-     CBAR     1875763 1875763 18657  18663  .0     1.0    1.0    1       1875763
61-     &1875763          456
62-     CBAR     1875859 1875859 18658  18659  .0     1.0    1.0    1
63-     CBAR     1876162 1876162 18661  18662  .0     1.0    1.0    1
64-     CBAR     1876263 1876263 18662  18663  .0     1.0    1.0    1       1876263
65-     &1876263          5
66-     CBAR     1876364 1876364 18663  18664  .0     1.0    1.0    1
67-     CBAR     1876465 1876465 18664  18665  .0     1.0    1.0    1
68-     CBAR     1876566 1876566 18665  18666  .0     1.0    1.0    1
69-     CBAR     1876667 1876667 18666  18667  .0     1.0    1.0    1
70-     CBAR     1876758 1876758 18667  18658  .0     1.0    1.0    1       1876758
71-     &1876758 456
72-     CBAR     1876763 1876768 18667  18668  .0     1.0    1.0    1       1876768
73-     &1876768  6
74-     CBAR     1876869 1876869 18668  18669  .0     1.0    1.0    1
75-     CBAR     1974100 1974100 19741  61927  .0     1.0    1.0    1       C5 LUGR
76-     CBAR     1974142 1974142 19741  19742  .0     1.0    1.0    1
77-     CBAR     1974151 1974151 19741  19751  .0     1.0    1.0    1
78-     CBAR     1974243 1974243 19742  19743  .0     1.0    1.0    1       1974243
79-     &1974243          6
80-     CBAR     1974252 1974252 19742  19752  .0     1.0    1.0    1
81-     CBAR     1974345 1974345 19743  19745  .0     1.0    1.0    1
82-     CBAR     1974363 1974363 19743  19763  .0     1.0    1.0    1
83-     CBAR     1974547 1974547 19745  19747  .0     1.0    1.0    1
84-     CBAR     1974748 1974748 19747  19748  .0     1.0    1.0    1       1974748
85-     &1974748  6
86-     CBAR     1974767 1974767 19747  19767  .0     1.0    1.0    1
87-     CBAR     1974849 1974849 19748  19749  .0     1.0    1.0    1
88-     CBAR     1974858 1974858 19748  19758  .0     1.0    1.0    1
89-     CBAR     1974900 1974900 19749  71927  .0     1.0    1.0    1       C5 LUGL
90-     CBAR     1974959 1974959 19749  19759  .0     1.0    1.0    1
91-     CBAR     1975100 1975100 19751  61923  .0     1.0    1.0    1       C2 LUGR
92-     CBAR     1975152 1975152 19751  19752  .0     1.0    1.0    1
93-     CBAR     1975161 1975161 19751  19761  .0     1.0    1.0    1
94-     CBAR     1975262 1975262 19752  19762  .0     1.0    1.0    1
95-     CBAR     1975859 1975859 19758  19759  .0     1.0    1.0    1
96-     CBAR     1975868 1975868 19758  19768  .0     1.0    1.0    1
97-     CBAR     1975900 1975900 19759  71923  .0     1.0    1.0    1       C2 LUGL
98-     CBAR     1975969 1975969 19759  19769  .0     1.0    1.0    1
99-     CBAR     1976162 1976162 19761  19762  .0     1.0    1.0    1
100-    CBAR     1976263 1976263 19762  19763  .0     1.0    1.0    1       1976263
101-    &1976263          6
102-    CBAR     1976365 1976365 19763  19765  .0     1.0    1.0    1
103-    CBAR     1976567 1976567 19765  19767  .0     1.0    1.0    1
104-    CBAR     1976768 1976768 19767  19768  .0     1.0    1.0    1       1976768
105-    &1976768  6
106-    CBAR     1976869 1976869 19768  19769  .0     1.0    1.0    1
107-    CBAR     2124143 2124143 21341  21343  .0     1.0    1.0    1       2124143
108-    &2124143          6
109-    CBAR     2124345 2124345 21343  21345  .0     1.0    1.0    1
110-    CBAR     2124547 2124547 21345  21347  .0     1.0    1.0    1
111-    CBAR     2124749 2124749 21347  21349  .0     1.0    1.0    1       2124749
112-    &2124749  6
113-    CBAR     2134100 2134100 21341  61935  .0     1.0    1.0    1       A2 LUGR
114-    CBAR     2134900 2134900 21349  71935  .0     1.0    1.0    1       A2 LUGL
115-    CBAR     3003170 3003170 30045  31745  .0     .0     1.0    1
116-    CBAR     3173380 3173380 31745  33845  .0     .0     1.0    1
117-    CBAR     3383590 3383590 33845  35945  .0     .0     1.0    1
118-    CBAR     3440011 3440011 21383  21445  .0     .0     1.0    1       3440011
119-    &3440011                 0.56   0.0    -2.96  0.0    0.0    -2.96
120-    CBAR     3440012 3440012 21485  21387  .0     .0     1.0    1       3440012
121-    &3440012                 0.0    0.0    -2.96  0.56   0.0    -2.96
122-    CBAR     3530251 353025  200070 200073 1.0    .0     .0     1       MR 6/6
```

```
CBAR     3530252 353025  200078  200079  1.0     .0      .0      1       MR G/B
CBAR     3530253 353025  200079  200087  1.0     .0      .0      1       MR G/B
CBAR     3530254 353025  200087  200096  1.0     .0      .0      1       MR G/B
CBAR     3530255 353025  200096  200101  1.0     .0      .0      1       MRBRG2
&MRBRG2          456
CBAR     3570001 3570001 200078  19765   1.0     .0      .0      1       LLINK
&LLINK                   -3.10   0.0     -1.67   0.0     0.0     1.52
CBAR     3593800 3593800 35945   38045   .0      .0      1.0     1
CBAR     3804010 3804010 38045   40145   .0      .0      1.0     1
CBAR     4000071 400007  52045   520024  .0      .0      1.0     1       TRBRG1
CBAR     4000072 400007  52045   520068  .0      .0      1.0     1       TRBRG2
&TRBRG2          456
CBAR     4014142 4014142 40141   40142   .0      .0      1.0     1
CBAR     4014220 4014220 40145   42245   .0      .0      1.0     1
CBAR     4014243 4014243 40142   40143   .0      .0      1.0     1
CBAR     4014345 4014345 40143   40145   .0      .0      1.0     1       ELEV R
&ELEV R  56
CBAR     4014347 4014347 40143   40147   .0      .0      1.0     1
CBAR     4014547 4014547 40145   40147   .0      .0      1.0     1       ELEV L
&ELEV L          56
CBAR     4014748 4014748 40147   40148   .0      .0      1.0     1
CBAR     4014849 4014849 40148   40149   .0      .0      1.0     1
CBAR     4020091 4020091 520018  520024  .0      .0      1.0     1       TR MAST
CBAR     4020092 4020092 520024  520057  .0      .0      1.0     1       TR MAST
CBAR     4020093 4020093 520057  520065  .0      .0      1.0     1       TR MAST
CBAR     4020094 4020094 520065  520068  .0      .0      1.0     1       TR MAST
CBAR     4020095 4020095 520068  520079  .0      .0      1.0     1       TR MAST
CBAR     4020096 4020096 520079  520135  .0      .0      1.0     1       TR MAST
CBAR     4020097 4020097 520135  520139  .0      .0      1.0     1       TR MAST
CBAR     4020098 4020098 520139  520152  .0      .0      1.0     1       TR MAST
CBAR     4020099 4020099 520152  520165  .0      .0      1.0     1       TR MAST
CBAR     4224430 4224430 42245   44345   .0      .0      1.0     1
CBAR     4434520 4434520 44345   45245   .0      .0      1.0     1
CBAR     4500050 450007  200079  200086  1.0     .0      .0      1       MRBRG1
&MRBRG1  56
CBAR     4500070 450007  200086  200095  1.0     .0      .0      1       MR MAST
CBAR     4500071 450007  200095  200101  1.0     .0      .0      1       MR MAST
CBAR     4500072 450007  200101  200106  1.0     .0      .0      1       MR MAST
CBAR     4500073 450007  200106  200114  1.0     .0      .0      1       MR MAST
CBAR     4500074 450007  200114  200121  1.0     .0      .0      1       MR MAST
CBAR     4500075 450007  200121  200129  1.0     .0      .0      1       MR MAST
CBAR     4500076 450007  200129  200137  1.0     .0      .0      1       MR MAST
CBAR     4500077 450007  200137  200145  1.0     .0      .0      1       MR MAST
CBAR     4500078 450007  200145  200153  1.0     .0      .0      1       MR MAST
CBAR     4500079 450007  200153  200155  1.0     .0      .0      1       MR MAST
CBAR     4524640 4524640 45245   46445   .0      .0      1.0     1
CBAR     4644800 4644800 46445   48045   .0      .0      1.0     1
CBAR     4804880 4804880 48045   48845   .0      .0      1.0     1
CBAR     4884970 4884970 48845   49745   .0      .0      1.0     1
CBAR     4975060 4975060 49745   50645   .0      .0      1.0     1
CBAR     5065150 5065150 50645   51545   .0      .0      1.0     1
CBAR     5155200 5155200 51545   52045   .0      .0      1.0     1
CBAR     6131922 6131922 61913   62213   .0      .0      1.0     1       F2 LUGR
CBAR     6171922 6171922 61917   62217   .0      .0      1.0     1       F5 LUGR
CBAR     6221922 6221922 61922   62221   .0      .0      1.0     1       C1 LUGR
&C1 LUGR                 0.0     0.0     0.0     0.0     0.0     -0.91
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CBAR     6222817 6222817 62217   62819   .0      .0      1.0     1       6222817
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CBAR     6222821 6222821 62221   62821   .0      .0      1.0     1       6222821
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CBAR     6222824 6222824 62224   62821   .0      .0      1.0     1       6222824
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CBAR     6222826 6222826 62226   62829   .0      .0      1.0     1       6222826
&6222826         456
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CBAR     6222829 6222829 62229   62829   .0      .0      1.0     1       6222829
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CBAR     6222831 6222831 62231   62831   .0      .0      1.0     1       6222831
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CBAR     6222839 6222839 62239   62839   .0      .0      1.0     1       6222839
&6222839         456
CBAR     6241922 6241922 61924   62224   .0      .0      1.0     1       C3 LUGR
CBAR     6261922 6261922 61926   62226   .0      .0      1.0     1       C4 LUGR
CBAR     6281922 6281922 61928   62229   .0      .0      1.0     1       C6 LUGR
&C6 LUGR                 0.0     0.0     0.0     0.0     0.0     0.27
CBAR     6341922 6341922 61934   62231   .0      .0      1.0     1       A1 LUGR
&A1 LUGR                 0.0     0.0     0.0     0.0     0.0     -0.93
CBAR     6361922 6361922 61936   62239   .0      .0      1.0     1       A3 LUGR
CBAR     7131922 7131922 71913   72213   .0      .0      1.0     1       F2 LUGL
CBAR     7171922 7171922 71917   72217   .0      .0      1.0     1       F5 LUGL
CBAR     7221922 7221922 71922   72221   .0      .0      1.0     1       C1 LUGL
&C1 LUGL                 0.0     0.0     0.0     0.0     0.0     -0.91
CBAR     7222813 7222813 72213   72811   .0      .0      1.0     1       7222813
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CBAR     7222817 7222817 72217   72819   .0      .0      1.0     1       7222817
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CBAR     7222821 7222821 72221   72821   .0      .0      1.0     1       7222821
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CBAR     7222824 7222824 72224   72821   .0      .0      1.0     1       7222824
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CBAR     7222829 7222829 72229   72829   .0      .0      1.0     1       7222829
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CBAR     7222839 7222839 72239   72839   .0      .0      1.0     1       7222839
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CBAR     7241922 7241922 71924   72224   .0      .0      1.0     1       C3 LUGL
CBAR     7261922 7261922 71926   72226   .0      .0      1.0     1       C4 LUGL
CBAR     7281922 7281922 71928   72229   .0      .0      1.0     1       C6 LUGL
&C6 LUGL                 0.0     0.0     0.0     0.0     0.0     0.27
CBAR     7341922 7341922 71934   72231   .0      .0      1.0     1       A1 LUGL
&A1 LUGL                 0.0     0.0     0.0     0.0     0.0     -0.93
CBAR     7361922 7361922 71936   72239   .0      .0      1.0     1       A3 LUGL
CELAS2   189831  28125.  189073  1       18983   1                       FWD R X
CELAS2   189832  28125.  189073  2       18983   2                       FWD R Y
CELAS2   189833  4500.   189073  3       18983   3                       FWD R Z
CELAS2   189871  28125.  189077  1       18987   1                       FWD L X
CELAS2   189872  28125.  189077  2       18987   2                       FWD L Y
CELAS2   189873  4500.   189077  3       18987   3                       FWD L Z
CELAS2   211831  28125.  211073  1       21183   1                       AFT R X
CELAS2   211832  28125.  211073  2       21183   2                       AFT R Y
CELAS2   211833  4500.   211073  3       21183   3                       AFT R Z
CELAS2   211871  28125.  211077  1       21187   1                       AFT L X
CELAS2   211872  28125.  211077  2       21187   2                       AFT L Y
CELAS2   211873  4500.   211077  3       21187   3                       AFT L Z
CELAS2   214853  20000.  214075  3       21485   3                       AFT C Z
CONM2    93331   3331            1.892
CONM2    93339   3339            3.221
CONM2    93341   3341            1.962
CONM2    93349   3349            2.701
CONM2    94631   4631            0.922
CONM2    94633   4633            4.425
CONM2    94637   4637            5.541
CONM2    94639   4639            2.676
CONM2    94641   4641            6.621
CONM2    94649   4649            0.925
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CONM2    94669   4669            5.663
CONM2    96123   6123            3.694
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258-	CONM2	96137	6137	5.355
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262-	CONM2	96147	6147	4.497
263-	CONM2	96149	6149	2.841
264-	CONM2	96161	6161	2.947
265-	CONM2	96163	6163	9.563
266-	CONM2	96167	6167	5.535
267-	CONM2	96169	6169	2.329
268-	CONM2	96171	6171	7.451
269-	CONM2	96179	6179	3.502
270-	CONM2	97031	7031	2.284
271-	CONM2	97033	7033	4.434
272-	CONM2	97037	7037	6.385
273-	CONM2	97039	7039	1.452
274-	CONM2	97043	7043	9.812
275-	CONM2	97047	7047	7.798
276-	CONM2	97061	7061	3.578
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279-	CONM2	97069	7069	2.574
280-	CONM2	97071	7071	2.918
281-	CONM2	97079	7079	1.882
282-	CONM2	97505	7505	1.300
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290-	CONM2	97513	7505	48.300
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292-	CONM2	97515	7505	1.500
293-	CONM2	97516	7505	7.700
294-	CONM2	97517	7505	4.500
295-	CONM2	98531	8531	2.399
296-	CONM2	98533	8533	10.570
297-	CONM2	98537	8537	9.804
298-	CONM2	98539	8539	2.403
299-	CONM2	98543	8543	9.724
300-	CONM2	98547	8547	8.931
301-	CONM2	98561	8561	4.317
302-	CONM2	98563	8563	22.532
303-	CONM2	98567	8567	24.136
304-	CONM2	98569	8569	5.718
305-	CONM2	98571	8571	6.222
306-	CONM2	98579	8579	8.408
307-	CONM2	99303	9303	3.970
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310-	CONM2	99317	9317	8.088
311-	CONM2	99331	9331	3.170
312-	CONM2	99333	9333	13.973
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316-	CONM2	99343	9343	11.034
317-	CONM2	99347	9347	10.863
318-	CONM2	99349	9349	2.147
319-	CONM2	99361	9361	2.380
320-	CONM2	99363	9363	3.351

FLUID
TURRET
CLOSUREL
CLOSURER
TUB STP
LAUNCHER
CRADLE
G/BMOTOR
MINIGUN
CABLE
GEARBOX
MOTOR
FEEDTRAY

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342-	CONV2	103803	103803	103807	5.138
343-	CONV2	103807	103807	103809	5.302
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345-	CONV2	103821	103821	103823	1.512
346-	CONV2	103823	103823	103827	5.508
347-	CONV2	103827	103827	103829	5.708
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358-	CONV2	103861	103861	103863	3.669
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367-	CONV2	104809	104809	104821	1.392
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374-	CONV2	104837	104837	104839	15.388
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376-	CONV2	104841	104841	104843	3.991
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382-	CONV2	104867	104867	104869	33.138
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386-	CONV2	104887	104887	104889	18.186

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460-	CONM2	109761	19761	2.221
461-	CONM2	109762	19762	4.633
462-	CONM2	109763	19763	5.432
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465-	CONM2	109768	19768	3.600
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468-	CONM2	111323	21323	9.994
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472-	CONM2	111341	21341	4.530
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539-	CONN2	123845	33845		43.991		
540-	CONN2	124800	124800		530.000		ENGINE
541-	ENGINE	1.7864		1.1065		9.4364	
542-	CONN2	124801	124800		48.000		STARTER
543-	CONN2	124802	124800		5.000		RESFLUID
544-	CONN2	124803	124800		1.550		1/2 DS
545-	CONN2	124804	124800		0.800		TACHXMTR
546-	CONN2	124805	124800		26.700		BASIC
547-	CONN2	124806	124800		2.200		BASIC
548-	CONN2	125945	35945		60.542		
549-	CONN2	128045	38045		33.770		
550-	CONN2	130141	40141		3.541		
551-	CONN2	130142	40142		5.937		
552-	CONN2	130143	40143		10.107		
553-	CONN2	130145	40145		20.830		
554-	CONN2	130147	40147		9.503		
555-	CONN2	130148	40148		5.887		
556-	CONN2	130149	40149		3.541		
557-	CONN2	132245	42245		19.695		
558-	CONN2	134345	44345		9.748		
559-	CONN2	135245	45245		10.218		
560-	CONN2	136445	46445		18.052		
561-	CONN2	138045	48045		23.604		
562-	CONN2	138445	46445		16.465		
563-	CONN2	138845	48845		6.526		
564-	CONN2	139745	49745		12.117		
565-	CONN2	140645	50645		6.474		
566-	CONN2	141545	51545		5.845		
567-	CONN2	142045	52045		17.591		
568-	CONN2	151912	61912		0.201		
569-	CONN2	151913	61913		0.201		
570-	CONN2	151914	61914		0.201		
571-	CONN2	151916	61916		0.184		
572-	CONN2	151917	61917		0.179		
573-	CONN2	151918	61918		0.172		
574-	CONN2	151922	61922		0.774		
575-	CONN2	151923	61923		0.689		
576-	CONN2	151924	61924		0.610		
577-	CONN2	151926	61926		0.305		
578-	CONN2	151927	61927		0.285		
579-	CONN2	151928	61928		0.259		
580-	CONN2	151934	61934		0.164		
581-	CONN2	151935	61935		0.160		
582-	CONN2	151936	61936		0.157		
583-	CONN2	152211	62211		0.463		
584-	CONN2	152213	62213		0.480		

585-	CONM2	152217	62217	0.476
586-	CONM2	152219	62219	0.462
587-	CONM2	152221	62221	1.537
588-	CONM2	152224	62224	1.539
589-	CONM2	152226	62226	1.135
590-	CONM2	152229	62229	0.865
591-	CONM2	152231	62231	0.393
592-	CONM2	152239	62239	0.374
593-	CONM2	152811	62811	0.960
594-	CONM2	152819	62819	1.111
595-	CONM2	152821	62821	1.904
596-	CONM2	152829	62829	1.798
597-	CONM2	152831	62831	0.612
598-	CONM2	152839	62839	0.595
599-	CONM2	153411	63411	1.969
600-	CONM2	153419	63419	2.323
601-	CONM2	153421	63421	3.041
602-	CONM2	153429	63429	2.881
603-	CONM2	153431	63431	1.144
604-	CONM2	153439	63439	1.118
605-	CONM2	154211	64211	2.314
606-	CONM2	154219	64219	3.090
607-	CONM2	154221	64221	3.275
608-	CONM2	154229	64229	3.561
609-	CONM2	154231	64231	1.265
610-	CONM2	154239	64239	1.243
611-	CONM2	155011	65011	1.382
612-	CONM2	155019	65019	2.036
613-	CONM2	155021	65021	1.737
614-	CONM2	155029	65029	2.148
615-	CONM2	155031	65031	0.796
616-	CONM2	155039	65039	0.793
617-	CONM2	155911	65911	0.693
618-	CONM2	155919	65919	0.967
619-	CONM2	155921	65921	1.309
620-	CONM2	155929	65929	1.298
621-	CONM2	155931	65931	0.517
622-	CONM2	155939	65939	0.509
623-	CONM2	161912	71912	0.251
624-	CONM2	161913	71913	0.249
625-	CONM2	161914	71914	0.245
626-	CONM2	161916	71916	0.216
627-	CONM2	161917	71917	0.208
628-	CONM2	161918	71918	0.194
629-	CONM2	161922	71922	0.866
630-	CONM2	161923	71923	0.723
631-	CONM2	161924	71924	0.623
632-	CONM2	161926	71926	0.314
633-	CONM2	161927	71927	0.294
634-	CONM2	161928	71928	0.269
635-	CONM2	161934	71934	0.171
636-	CONM2	161935	71935	0.167
637-	CONM2	161936	71936	0.164
638-	CONM2	162211	72211	0.517
639-	CONM2	162213	72213	0.530
640-	CONM2	162217	72217	0.506
641-	CONM2	162219	72219	0.488
642-	CONM2	162221	72221	1.738
643-	CONM2	162224	72224	1.578
644-	CONM2	162226	72226	1.141
645-	CONM2	162229	72229	0.874
646-	CONM2	162231	72231	0.400
647-	CONM2	162239	72239	0.381
648-	CONM2	162811	72811	0.960
649-	CONM2	162819	72819	1.111
650-	CONM2	162821	72821	1.904

651	CONM2	162829	72829	1.798
652-	CONM2	162831	72831	3.612
653-	CONM2	162839	72839	0.595
654-	CONM2	163411	73411	1.969
655-	CONM2	163419	73419	2.323
656-	CONM2	163421	73421	3.041
657-	CONM2	163429	73429	2.881
658-	CONM2	163431	73431	1.144
659-	CONM2	163439	73439	1.118
660-	CONM2	164211	74211	2.314
661-	CONM2	164219	74219	3.390
662-	CONM2	164221	74221	3.275
663-	CONM2	164229	74229	3.561
664-	CONM2	164231	74231	1.265
665-	CONM2	164239	74239	1.243
666-	CONM2	165011	75011	1.382
667-	CONM2	165019	75019	2.036
668-	CONM2	165021	75021	1.737
669-	CONM2	165029	75029	2.148
670-	CONM2	165031	75031	0.796
671-	CONM2	165039	75039	0.790
672-	CONM2	165911	75911	0.693
673-	CONM2	165919	75919	0.967
674-	CONM2	165921	75921	1.009
675-	CONM2	165929	75929	1.298
676-	CONM2	165931	75931	3.517
677-	CONM2	165939	75939	3.509
678-	CONM2	290070	200070	34.465
679-	CONM2	290078	200078	22.740
680-	CONM2	290079	200079	51.048
681-	CONM2	290086	200086	60.052
682-	CONM2	290087	200087	60.052
683-	CONM2	290095	200095	64.933
684-	CONM2	290096	200096	64.933
685-	CONM2	290101	200101	57.277
686-	CONM2	290106	200106	47.013
687-	CONM2	290114	200114	66.626
688-	CONM2	290121	200121	54.350
689-	CONM2	290129	200129	13.810
690-	CONM2	290137	200137	9.253
691-	CONM2	290145	200145	12.065
692-	CONM2	290153	200153	5.852
693-	CONM2	290155	200155	6.124
694-	CONM2	301061	211001	4.953
695-	CONM2	301002	211002	4.953
696-	CONM2	304901	214901	13.024
697-	CONM2	304902	214902	13.024
698-	CONM2	305101	215101	3.676
699-	CONM2	305102	215102	3.158
700-	CONM2	305201	215201	0.952
701-	CONM2	305202	215202	0.961
702-	CONM2	312001	222001	6.744
703-	CONM2	312002	222002	6.744
704-	CONM2	312201	222201	6.554
705-	CONM2	312202	222202	6.554
706-	CONM2	312301	222301	1.619
707-	CONM2	312302	222302	1.635
708-	CONM2	313401	223401	5.142
709-	CONM2	313402	223402	5.142
710-	CONM2	390153	200153	458.000
711-	CONM2	490153	200153	489.500
712-	CONM2	610018	520018	5.662
713-	CONM2	610024	520024	5.537
714-	CONM2	610057	520057	4.420
715-	CONM2	610065	520065	0.0
716-	CONM2	610068	520068	0.819

MR BLADE
MR HUB

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717-    CONM2   610079  520079          4.374
718-    CONM2   610135  520135          1.037
719-    CONM2   610139  520139          0.249
720-    CONM2   610152  520152          0.566
721-    CONM2   610185  520185          1.583
722-    CONM2   710139  520139          16.530                                  TR HUB
723-    CONM2   710152  520152          14.330                                  TR BLADE
724-    CONM2   908300  38300           230.000                                 BASIC
725-    CONM2   911300  11300           75.00                                   BASIC
726-    CONM2   913500  13500           200.000                                 BASIC
727-    CONM2   917100  17100           775.000                                 BA 2
728-    CONM2   923100  23100           825.000                                 BASIC
729-    CONM2   966445  66445           0.300                                   BASIC
730-    CONM2   952045  52045           0.400                                   BASIC
731-    CONM2   965929  65929           17.800                                  BASIC
732-    CONM2   975929  75929           17.800                                  BASIC
733-    CONM2  1011300 11300           190.000                                 BASIC
734-    CONM2  1011700 11700           63.300                                  BASIC
735-    CONM2  1017100 17100           4.250                                   BASIC
736-    CONM2  1023100 23100           4.250                                   BASIC
737-    CONM2  1065929 65929           202.700 -7.04   .0      -7.45           BASIC
738-    CONM2  1075929 75929           202.700 -7.04   .0      -7.45           BASIC
739-    CONM2  1111700 11700           260.000                                 BASIC
740-    CONM2  1165929 65929           39.800  -2.74   .0      -16.05          BASIC
741-    CONM2  1175929 75929           39.800  -2.74   .0      -16.05          BASIC
742-    CONM2  9200070 200070          26.100                                  BASIC
743-    CONROD 10091   14843   13500   2014    1.0
744-    CONROD 10092   14847   13500   2014    1.0
745-    CONROD 10093   14883   13500   2014    1.0
746-    CONROD 10094   14887   13500   2014    1.0
747-    CONROD 20081   7033    8300    2014    1.0
748-    CONROD 20082   7037    8300    2014    1.0
749-    CONROD 20083   9333    8300    2014    1.0
750-    CONROD 20084   9337    8300    2014    1.0
751-    CONROD 31071   14823   17100   2014    1.0
752-    CONROD 31072   14827   17100   2014    1.0
753-    CONROD 31073   18621   17100   2014    1.0
754-    CONROD 31074   18629   17100   2014    1.0
755-    CONROD 31081   21321   23100   2014    1.0
756-    CONROD 31082   21329   23100   2014    1.0
757-    CONROD 31083   25021   23100   2014    1.0
758-    CONROD 31084   25029   23100   2014    1.0
759-    CONROD 108001  125065  125387  4130    .1261
760-    CONROD 109001  123467  123487  4130    .0887
761-    CONROD 150151  9313    11300   2014    1.0
762-    CONROD 150152  9317    11300   2014    1.0
763-    CONROD 150153  13803   11300   2014    1.0
764-    CONROD 150154  13807   11300   2014    1.0
765-    CONROD 150201  9313    11700   2014    1.0
766-    CONROD 150202  9317    11700   2014    1.0
767-    CONROD 150203  13803   11700   2014    1.0
768-    CONROD 150204  13807   11700   2014    1.0
769-    CONROD 333141  3331    3341    2024    .092
770-    CONROD 333931  3331    3339    2024    .092
771-    CONROD 333949  3339    3349    2024    .092
772-    CONROD 334149  3341    3349    2024    .092
773-    CONROD 612327  6123    6127    2024    .108
774-    CONROD 612739  6127    6139    2024    .030
775-    CONROD 613123  6123    6131    2024    .030
776-    CONROD 613141  6131    6141    2024    .064
777-    CONROD 613337  6133    6137    2024    .055
778-    CONROD 613343  6133    6143    2024    .030
779-    CONROD 613747  6137    6147    2024    .030
780-    CONROD 613949  6139    6149    2024    .064
781-    CONROD 614161  6141    6161    2024    .064
782-    CONROD 614363  6143    6163    2024    .030
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783-	CONROD	614767	6147	6167	2024	.030
784-	CONROD	614969	6149	6169	2024	.064
785-	CONROD	616171	6161	6171	2024	.282
786-	CONROD	616371	6163	6171	2024	.012
787-	CONROD	616979	6169	6179	2024	.282
788-	CONROD	617179	6171	6179	2024	.282
789-	CONROD	617967	6167	6179	2024	.012
790-	CONROD	9303C7	9303	9307	2024	.095
791-	CONROD	930313	9303	9313	2024	.051
792-	CONROD	930717	9307	9317	2024	.051
793-	CONROD	931317	9313	9317	2024	.151
794-	CONROD	931333	9313	9333	7075	.209
795-	CONROD	931739	9317	9339	2024	.080
796-	CONROD	933113	9313	9331	2024	.080
797-	CONROD	933133	9331	9333	2024	.397
798-	CONROD	933141	9331	9341	2024	.333
799-	CONROD	933337	9333	9337	2024	.167
800-	CONROD	933343	9333	9343	7075	.333
801-	CONROD	933717	9317	9337	7075	.209
802-	CONROD	933739	9337	9339	2024	.261
803-	CONROD	933747	9337	9347	7075	.510
804-	CONROD	933949	9339	9349	2024	.314
805-	CONROD	934143	9341	9343	2024	.242
806-	CONROD	934161	9341	9361	2024	.333
807-	CONROD	934347	9343	9347	2024	.374
808-	CONROD	934363	9343	9363	7075	.242
809-	CONROD	934749	9347	9349	2024	.357
810-	CONROD	934767	9347	9367	7075	.374
811-	CONROD	934969	9349	9369	2024	.188
812-	CONROD	936143	9361	9343	2024	.191
813-	CONROD	936163	9361	9363	2024	.194
814-	CONROD	936171	9361	9371	2024	.092
815-	CONROD	936373	9363	9373	7075	.100
816-	CONROD	936769	9367	9369	2024	.194
817-	CONROD	936777	9367	9377	7075	.100
818-	CONROD	936979	9369	9379	2024	.092
819-	CONROD	937173	9371	9373	2024	.202
820-	CONROD	937377	9373	9377	2024	.188
821-	CONROD	937779	9377	9379	2024	.202
822-	CONROD	1060011	126867	125387	4130	.1?
823-	CONROD	1060012	126863	125383	4130	.1261
824-	CONROD	1070011	125067	125387	4130	.1261
825-	CONROD	1070012	125063	125383	4130	.1261
826-	CONROD	1150231	13807	14807	7075	.455
827-	CONROD	1160311	13803	14803	7075	.521
828-	CONROD	1170191	26869	29969	7075	.069
829-	CONROD	1170211	26829	29929	7075	.068
830-	CONROD	1170231	29929	29949	7075	.053
831-	CONROD	1170232	29949	29969	7075	.053
832-	CONROD	1170501	25029	26829	7075	.094
833-	CONROD	1170502	25049	26849	7075	.152
834-	CONROD	1170503	25049	26849	7075	.152
835-	CONROD	1170504	25069	26869	7075	.047
836-	CONROD	1170511	26829	26849	7075	.043
837-	CONROD	1170512	26849	26869	7075	.043
838-	CONROD	1170513	25029	25049	7075	.146
839-	CONROD	1170514	25049	25069	7075	.146
840-	CONROD	1170515	26829	26849	7075	.146
841-	CONROD	1170516	26849	26869	7075	.146
842	CONROD	1170521	26829	29929	7075	.081
843-	CONROD	1170522	26849	29949	7075	.146
844-	CONROD	1170523	26849	29949	7075	.146
845-	CONROD	1170524	26869	29969	7075	.062
846-	CONROD	1170531	26829	26849	7075	.250
847-	CONROD	1170532	26849	26869	7075	.250
848-	CONROD	1170533	29929	29949	7075	.250

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851-	[illegible]	1171102	25049	26849	[illegible]	.148
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853-	[illegible]	1171104	25069	26869	[illegible]	.020
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859-	[illegible]	[illegible]	26849	29949	[illegible]	.069
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874-	[illegible]	1184501	26821	29921	[illegible]	.023
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884-	[illegible]	1186903	25041	26841	[illegible]	676
885-	[illegible]	1186904	25061	26861	[illegible]	.209
886-	[illegible]	1186911	25021	25041	[illegible]	.646
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890-	[illegible]	1186921	26821	29921	[illegible]	.356
891-	[illegible]	1186922	26841	29941	[illegible]	.649
892-	[illegible]	1186923	26[illegible]	29941	[illegible]	.649
893-	[illegible]	1186924	26861	29961	[illegible]	.276
894-	[illegible]	1186931	26821	26841	[illegible]	1.109
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897-	[illegible]	1186934	29941	29961	[illegible]	1.109
898-	[illegible]	1187101	25021	26821	[illegible]	.034
899-	[illegible]	1187102	25041	26841	[illegible]	.074
900-	[illegible]	1187103	25041	26841	[illegible]	.074
901-	[illegible]	1187104	25061	26861	[illegible]	.011
902-	[illegible]	1187111	25021	25041	[illegible]	.061
903-	[illegible]	1187112	25041	25061	[illegible]	.061
904-	[illegible]	1187113	26821	[illegible]	[illegible]	.061
905-	[illegible]	1187114	26841	[illegible]	[illegible]	.061
906-	[illegible]	1190171	21329	21829	[illegible]	.284
907-	[illegible]	1190172	21829	22729	[illegible]	.300
908-	[illegible]	1190173	22729	25029	[illegible]	.353
909-	[illegible]	1190191	25029	25049	[illegible]	.167
910-	[illegible]	1190192	25049	25069	[illegible]	.167
911-	[illegible]	1190211	21369	25069	[illegible]	.229
912-	[illegible]	1190231	21329	21369	[illegible]	.178
913-	[illegible]	1190232	21349	21369	[illegible]	.178
914-	[illegible]	1190501	22729	25029	9046	.105

915-	CONROD	1190502	21349	25049	9046	.162		
916-	CONROD	1190503	21349	25049	9046	.162		
917-	CONROD	1190504	21369	25069	9046	.027		
918-	CONROD	1 90511	22729	21349	9046	.234		
919-	CONROD	1190512	21349	21369	9046	.288		
920-	CONROD	1190513	25029	25049	9046	.234		
921-	CONROD	1190514	25049	25069	9046	.288		
922-	CONROD	1190901	22729	25029	76	.131		
923-	CONROD	1190902	21149	25049	76	.203		
924-	CONROD	1190903	21349	25049	76	.203		
925-	CONROD	1190904	21369	25069	76	.034		
926-	CONROD	1190911	22729	21349	76	.292		
927-	CONROD	1190912	21149	21369	76	.361		
928-	CONROD	1190913	25029	25049	76	.292		
929-	CONROD	1190914	25049	25069	76	.361		
930-	CONROD	1200091	25021	25041	7075	.163		
931-	CONROD	1200092	25041	25061	7075	.163		
932-	CONROD	1200133	21821	21821	7075	.279		
933-	CONROD	1200134	21821	22721	7075	.294		
934-	CONROD	1200135	22721	25021	7075	.351		
935-	CONROD	1200136	21321	21341	7075	.178		
936-	CONROD	1200137	21341	21361	7075	.178		
937-	CONROD	1200151	21361	25061	7075	.238		
938-	CONROC	1200701	22721	25021	76	.131		
939-	CONROD	1200702	21341	25041	76	.203		
940-	CONROD	1200703	21341	25041	76	.203		
941-	CONROD	1200704	21341	25061	76	.034		
942-	CONROD	1200711	22721	21341	76	.292		
943-	CONROD	1200712	21341	21361	76	.361		
944-	CONROD	1200713	25021	25061	76	.292		
945-	CONROD	1200714	25041	25061	76	.361		
946-	CONROD	1201101	22721	25021	9046	.105		
947-	CONROD	1201102	21341	25041	9046	.162		
948-	CONROD	1201103	21341	25041	9046	.162		
949-	CONROD	1201104	21361	25061	9046	.027		
950-	CONROD	1201111	22721	21341	9046	.234		
951-	CONROD	1201112	21341	21361	9046	.288		
952-	CONROD	1201113	25021	25041	9046	.234		
953-	CONROD	1201114	25041	25061	9046	.288		
954-	CONROD	1202101	25003	26801	2024	.208		
955-	CONROD	1202102	25027	26809	2024	.208		
956-	CONROD	1202103	25003	25007	2024	.292		
957-	CONROD	1202104	26801	26809	2024	.292		
958-	CONROD	1210092	21347	21347	7075	.767		
959-	CONROD	1210102	21343	21363	7075	.473		
960-	CONROD	1210311	18669	19769	7075	.241		
961-	CONROD	1210312	19769	21369	7075	.241		
962-	CONROD	1210321	18661	19761	7075	.241		
963-	CONROD	1210322	19761	21361	7075	.241		
964-	CONROD	1210471	21145	21365	7075	.137		
965-	CONROD	1210472	21366	21387	7075	.137		
966-	CONROD	1210591	21345	21364	7075	.137		
967-	CONROD	1210592	21364	21383	7075	.137		
968-	CONROD	1250131	14889	16489	2024	.064		
969-	CONROD	1250132	16689	18689	2024	.064		
970-	CONROD	1250151	18669	18689	2024	.070		
971-	CONROD	1250171	14869	14889	2024	.070		
972-	CONROD	1250571	14881	16481	2024	.115		
973-	CONROD	1250572	16681	18681	2024	.115		
974-	CONROD	1250771	14889	16489	2024	.115		
975-	CONROD	1250772	16689	18689	2024	.115		
976-	CONROD	1250971	14869	18669	2024	.084		
977-	CONROD	1251491	14861	18661	2024	.140		
978-	CONROD	1251511	14881	14881	2024	.121		
979-	CONROD	1251551	18661	18681	2024	.121		
980-	CONROD	1251571	14881	16481	2024	.112		

981-	CONROD	1251572	16481	18681	2024	.111
982-	CONROD	1252301	14869	18669	2024	.035
983-	CONROD	1252302	16489	18689	2024	.035
984-	CONROD	1252303	14869	16489	2024	.120
985-	CONROD	1252304	18669	18689	2024	.120
986-	CONROD	1252701	14861	18661	2024	.035
987-	CONROD	1252702	16481	18681	2024	.035
988-	CONROD	1252703	14861	16481	2024	.120
989-	CONROD	1252704	18661	18681	2024	.120
990-	CONROD	1259101	14869	18669	2024	.098
991-	CONROD	1259102	16489	18689	2024	.098
992-	CONROD	1259103	14869	16489	2024	.240
993-	CONROD	1259104	18669	18689	2024	.240
994-	CONROD	1290101	6137	7037	7075	.026
995-	CONROD	1290102	6147	7047	7075	.071
996-	CONROD	1290103	6147	7047	7075	.071
997-	CONROD	1290104	6167	7067	7075	.302
998-	CONROD	1290111	6137	6147	7075	.065
999-	CONROD	1290112	6147	6167	7075	.065
1000-	CONROD	1290113	7037	7047	7075	.065
1001-	CONROD	1290114	7047	7067	7075	.065
1002-	CONROD	1290121	7037	8537	7075	.028
1003-	CONROD	1290122	7047	8547	7075	.074
1004-	CONROD	1290123	7047	8547	7075	.074
1005-	CONROD	1290124	7067	8567	7075	.003
1006-	CONROD	1290131	7037	7047	7075	.116
1007-	CONROD	1290132	7047	7067	7075	.116
1008-	CONROD	1290133	8537	8547	7075	.116
1009-	CONROD	1290134	8547	8567	7075	.116
1010-	CONROD	1290141	8537	9337	7075	.029
1011-	CONROD	1290142	8547	9347	7075	.077
1012-	CONROD	1290143	8547	9347	7075	.077
1013-	CONROD	1290144	8567	9367	7075	.003
1014-	CONROD	1290151	8537	8547	7075	.062
1015-	CONROD	1290152	8547	8567	7075	.062
1016-	CONROD	1290153	9337	9347	7075	.062
1017-	CONROD	1290154	9347	9367	7075	.062
1018-	CONROD	1290211	6133	6143	7075	.035
1019-	CONROD	1290212	6143	6163	7075	.035
1020-	CONROD	1290231	6163	7063	7075	.048
1021-	CONROD	1290232	7063	8563	7075	.047
1022-	CONROD	1290233	8563	9363	7075	.046
1023-	CONROD	1290234	9363	11563	7075	.024
1024-	CONROD	1290235	11563	13863	7075	.024
1025-	CONROD	1290251	6133	7033	7075	.072
1026-	CONROD	1290252	7033	8533	7075	.075
1027-	CONROD	1290253	8533	9333	7075	.077
1028-	CONROD	1290254	9333	11533	7075	.046
1029-	CONROD	1290271	9333	9343	7075	.098
1030-	CONROD	1290272	9343	9363	7075	.098
1031-	CONROD	1290273	9333	9343	7075	.043
1032-	CONROD	1290274	9343	9363	7075	.043
1033-	CONROD	1290331	9343	11543	7075	.090
1034-	CONROD	1290501	6137	7037	7075	.072
1035-	CONROD	1290502	6147	7047	7075	.122
1036-	CONROD	1290503	6147	7047	7075	.122
1037-	CONROD	1290504	6167	7067	7075	.033
1038-	CONROD	1290511	6137	6147	7075	.118
1039-	CONROD	1290512	6147	6167	7075	.118
1040-	CONROD	1290513	7037	7047	7075	.118
1041-	CONROD	1290514	7047	7067	7075	.118
1042-	CONROD	1290521	7037	8537	7075	.075
1043-	CONROD	1290522	7047	8547	7075	.126
1044-	CONROD	1290523	7047	8547	7075	.126
1045-	CONROD	1290524	7067	8567	7075	.034
1046-	CONROD	1290531	7037	7047	7075	.181

1047-	CONROD	1290532	7047	7067	7075	.181
1048-	CONROD	1290533	8537	8547	7075	.181
1049-	CONROD	1290534	8547	8567	7075	.181
1050-	CONROD	1290541	8537	9337	7075	.078
1051-	CONROD	1290542	8547	9347	7075	.130
1052-	CONROD	1290543	8547	9347	7075	.130
1053-	CONROD	1290544	8567	9367	7075	.035
1054-	CONROD	1290551	8537	8547	7075	.123
1055-	CONROD	1290552	8547	8567	7075	.123
1056-	CONROD	1290553	9337	9347	7075	.123
1057-	CONROD	1290554	9347	9367	7075	.123
1058-	CONROD	1290561	9337	11537	7075	.078
1059-	CONROD	1290562	9347	11547	7075	.134
1060-	CONROD	1290563	9347	1547	7075	.134
1061-	CONROD	1290564	9367	.1567	7075	.041
1062-	CONROD	1290571	9337	9367	7075	.256
1063-	CONROD	1290572	9347	9367	7075	.256
1064-	CONROD	1290573	11537	11547	7075	.256
1065-	CONROD	1290574	11547	11567	7075	.256
1066-	CONROD	1290581	11537	13837	7075	.076
1067-	CONROD	1290582	11547	13847	7075	.139
1068-	CONROD	1290583	11547	13847	7075	.139
1069-	CONROD	1290584	11567	13867	7075	.052
1070-	CONROD	1290591	11537	11547	7075	.249
1071-	CONROD	1290592	11547	11567	7075	.249
1072-	CONROD	1290593	13837	13847	7075	.249
1073-	CONROD	1290594	13847	13867	7075	.249
1074-	CONROD	1290691	13837	13847	7075	.058
1075-	CONROD	1290692	13847	13867	7075	.058
1076-	CONROD	1290695	13867	14867	7075	.097
1077-	CONROD	1290696	13848	13847	7075	.104
1078-	CONROD	1290697	13847	14847	7075	.104
1079-	CONROD	1290698	13867	13848	7075	.090
1080-	CONROD	1290699	14867	14847	7075	.081
1081-	CONROD	1290731	8567	9367	7075	.034
1082-	CONROD	1290732	9367	11567	7075	.044
1083-	CONROD	1290733	11567	13867	7075	.044
1084-	CONROD	1290754	6167	7067	7075	.033
1085-	CONROD	1290755	7067	8567	7075	.033
1086-	CONROD	1290756	6137	7037	7075	.039
1087-	CONROD	1290757	6137	6147	7075	.035
1088-	CONROD	1290758	6147	6167	7075	.035
1089-	CONROD	1290791	9337	9347	7075	.122
1090-	CONROD	1290792	9347	9367	7075	.122
1091-	CONROD	1290793	9337	9347	7075	.056
1092-	CONROD	1290794	9347	9367	7075	.056
1093-	CONROD	1290901	6133	7033	7075	.073
1094-	CONROD	1290902	6143	7043	7075	.122
1095-	CONROD	1290903	6143	7043	7075	.122
1096-	CONROD	1290904	6163	7063	7075	.033
1097-	CONROD	1290911	6133	6143	7075	.118
1098-	CONROD	1290912	6143	6163	7075	.118
1099-	CONROD	1290913	7033	7043	7075	.118
1100-	CONROD	1290914	7043	7063	7075	.118
1101-	CONROD	1290921	7033	8533	7075	.076
1102-	CONROD	1290922	7043	8543	7075	.126
1103-	CONROD	1290923	7043	8543	7075	.126
1104-	CONROD	1290924	7063	8563	7075	.034
1105-	CONROD	1290931	7033	7043	7075	.181
1106-	CONROD	1290932	7043	7063	7075	.181
1107-	CONROD	1290933	8533	8543	7075	.181
1108-	CONROD	1290934	8543	8563	7075	.181
1109-	CONROD	1290941	8533	9333	7075	.078
1110-	CONROD	1290942	8543	9343	7075	.130
1111-	CONROD	1290943	8543	9343	7075	.130
1112-	CONROD	1290944	8563	9363	7075	.035

1113-	CONROD	1290951	9343	9363	7075	.123
1114-	CONROD	1290952	9343	9363	7075	.123
1115-	CONROD	1290954	9343	9363	7075	.123
1116-	CONROD	1290956	9343	9363	7075	.123
1117-	CONROD	1290961	9343	11533	7075	.079
1118-	CONROD	1290962	9343	11543	7075	.134
1119-	CONROD	1290963	9343	11543	7075	.134
1120-	CONROD	1290964	9363	11563	7075	.042
1121-	CONROD	1290971	9333	9343	7075	.256
1122-	CONROD	1290972	9343	9363	7075	.256
1123-	CONROD	1290973	11533	11543	7075	.256
1124-	CONROD	1290974	11543	11563	7075	.256
1125-	CONROD	1290981	11533	13833	7075	.377
1126-	CONROD	1290982	11543	13843	7075	.140
1127-	CONROD	1290983	11543	13843	7075	.140
1128-	CONROD	1290984	11563	13863	7075	.054
1129-	CONROD	1290991	7037	8537	7075	.041
1130-	CONROD	1290992	8537	9337	7075	.042
1131-	CONROD	1290993	11533	11543	7075	.289
1132-	CONROD	1290994	11543	11563	7075	.289
1133-	CONROD	1290995	13833	13843	7075	.289
1134-	CONROD	1290996	13843	13863	7075	.289
1135-	CONROD	1291001	13803	14803	7075	.056
1136-	CONROD	1291002	13823	14823	7075	.158
1137-	CONROD	1291003	13823	14823	7075	.158
1138-	CONROD	1291004	13833	14833	7075	.388
1139-	CONROD	1291005	13833	14833	7075	.078
1140-	CONROD	1291006	13843	14843	7075	.144
1141-	CONROD	1291007	13843	14843	7075	.144
1142-	CONROD	1291008	13863	14863	7075	.063
1143-	CONROD	1291011	13803	13823	7075	.120
1144-	CONROD	1291012	13823	13833	7075	.120
1145-	CONROD	1291013	13833	13843	7075	.120
1146-	CONROD	1291014	13843	13863	7075	.120
1147-	CONROD	1291015	14803	14823	7075	.120
1148-	CONROD	1291016	14823	14833	7075	.120
1149-	CONROD	1291017	14833	14843	7075	.120
1150-	CONROD	1291018	14843	14863	7075	.120
1151-	CONROD	1291111	9337	11537	7075	.052
1152-	CONROD	1291112	11537	13837	7075	.052
1153-	CONROD	1291253	13837	14837	7075	.090
1154-	CONROD	1291254	13847	13837	7075	.041
1155-	CONROD	1291255	14847	14837	7075	.037
1156-	CONROD	1291273	13833	14833	7075	.084
1157-	CONROD	1291274	13833	13843	7075	.044
1158-	CONROD	1291275	14833	14843	7075	.036
1159-	CONROD	1291373	13833	13843	7075	.054
1160-	CONROD	1291374	13843	13863	7075	.054
1161-	CONROD	1291431	9347	11547	7075	.093
1162-	CONROD	1291432	11547	13847	7075	.093
1163-	CONROD	1291701	13843	14843	7075	.035
1164-	CONROD	1291702	13863	14863	7075	.035
1165-	CONROD	1291703	13843	13863	7075	.055
1166-	CONROD	1291704	14843	14863	7075	.055
1167-	CONROD	1291901	13833	14833	7075	.013
1168-	CONROD	1291902	13843	14843	7075	.013
1169-	CONROD	1291903	13833	13843	7075	.055
1170-	CONROD	1291904	14833	14843	7075	.055
1171-	CONROD	1291971	11533	13833	7075	.044
1172-	CONROD	1291972	11563	13843	7075	.090
1173-	CONROD	1291984	13843	14843	7075	.163
1174-	CONROD	1291985	13863	14863	7075	.075
1175-	CONROD	1291986	13843	13863	7075	.087
1176-	CONROD	1291987	14843	14863	7075	.083
1177-	CONROD	1292501	13807	14807	7075	.048
1178-	CONROD	1292502	13827	14827	7075	.122

1179-	CONROD	1292503	13827	14827	7075	.122
1180-	CONROD	1292504	13837	14837	7075	.033
1181-	CONROD	1292511	13807	13827	7075	.096
1182-	CONROD	1292512	13827	13837	7075	.096
1183-	CONROD	1292513	14807	14827	7075	.096
1184-	CONROD	1292514	14827	14837	7075	.096
1185-	CONROD	1292701	13803	14803	7075	.047
1186-	CONROD	1292702	13823	14823	7075	.122
1187-	CONROD	1292703	13823	14823	7075	.122
1188-	CONROD	1292704	13833	14833	7075	.034
1189-	CONROD	1292711	13803	13823	7075	.096
1190-	CONROD	1292712	13823	13833	7075	.096
1191-	CONROD	1292713	14803	14823	7075	.096
1192-	CONROD	1292714	14823	14833	7075	.096
1193-	CONROD	1293701	9347	11547	7075	.012
1194-	CONROD	1293702	9367	11567	7075	.012
1195-	CONROD	1293703	9347	9367	7075	.159
1196-	CONROD	1293704	11547	11567	7075	.159
1197-	CONROD	1293711	11547	13847	7075	.011
1198-	CONROD	1293712	11567	13867	7075	.011
1199-	CONROD	1293713	11547	11567	7075	.154
1200-	CONROD	1293714	13847	13867	7075	.154
1201-	CONROD	1294101	13807	14807	7075	.057
1202-	CONROD	1294102	13827	14827	7075	.158
1203-	CONROD	1294103	13827	14827	7075	.158
1204-	CONROD	1294104	13837	14837	7075	.088
1205-	CONROD	1294105	13837	14837	7075	.078
1206-	CONROD	1294106	13847	14847	7075	.143
1207-	CONROD	1294107	13848	13847	7075	.143
1208-	CONROD	1294108	13867	14867	7075	.061
1209-	CONROD	1294111	13807	13827	7075	.120
1210-	CONROD	1294112	13827	13837	7075	.120
1211-	CONROD	1294113	13837	13847	7075	.121
1212-	CONROD	1294114	13948	13867	7075	.122
1213-	CONROD	1294115	14807	14827	7075	.120
1214-	CONROD	1294116	14827	14837	7075	.120
1215-	CONROD	1294117	14837	14847	7075	.121
1216	CONROD	1294118	13847	14867	7075	.122
1217-	CONROD	1294121	7033	8533	7075	.011
1218	CONROD	1294122	7063	8543	7075	.057
1219-	CONROD	1294123	7063	8543	7075	.057
1220-	CONROD	1294124	7063	8563	7075	.001
1221-	CONROD	1294131	7033	7043	7075	.116
1222-	CONROD	1294132	7043	7063	7075	.116
1223-	CONROD	1294133	8533	8543	7075	.116
1224-	CONROD	1294134	8543	8563	7075	.116
1225-	CONROD	1294901	9333	11533	7075	.030
1226-	CONROD	1294902	9343	11543	7075	.080
1227-	CONROD	1294903	9343	11543	7075	.080
1228-	CONROD	1294904	9363	11563	7075	.007
1229-	CONROD	1294911	9333	9343	7075	.155
1230-	CONROD	1294912	9343	9363	7075	.155
1231-	CONROD	1294913	11533	11543	7075	.155
1232-	CONROD	1294914	11543	11563	7075	.155
1233-	CONROD	1294921	11533	13833	7075	.028
1234-	CONROD	1294922	11543	13843	7075	.084
1235-	CONROD	1294923	11543	13843	7075	.084
1236-	CONROD	1294924	11563	13863	7075	.014
1237-	CONROD	1294931	11533	11543	7075	.176
1238-	CONROD	1294932	11543	11563	7075	.176
1239-	CONROD	1294933	13833	13843	7075	.176
1240-	CONROD	1294934	13843	13863	7075	.176
1241-	CONROD	1295701	13837	14837	7075	.014
1242-	CONROD	1295702	13847	14847	7075	.014
1243-	CONROD	1295703	13837	13847	7075	.056
1244-	CONROD	1295704	14837	14847	7075	.056

1245-	CONROD	1295901	7033	8533	7075	.024
1246-	CONROD	1295902	7043	8543	7075	.071
1247-	CONROD	1295903	7043	8543	7075	.071
1248-	CONROD	1295904	7063	8563	7075	.001
1249-	CONROD	1295911	7033	7043	7075	.116
1250-	CONROD	1295912	7043	7063	7075	.116
1251-	CONROD	1295913	8533	8543	7075	.116
1252-	CONROD	1295914	8543	8563	7075	.116
1253-	CONROD	1295921	138.8	13847	7075	.053
1254-	CONROD	1295922	13867	14867	7075	.053
1255-	CONROD	1295923	13848	13867	7075	.094
1256-	CONROD	1295924	13847	14867	7075	.094
1257-	CONROD	1296901	13807	14807	7075	.169
1258-	CONROD	1296902	13827	14827	7075	.169
1259-	CONROD	1296903	13827	14827	7075	.201
1260-	CONROD	1296904	13837	14837	7075	.201
1261-	CONROD	1296905	13837	14837	7075	.151
1262-	CONROD	1296906	13847	14847	7075	.151
1263-	CONROD	1296911	13807	13827	7075	.191
1264-	CONROD	1296912	13827	13837	7075	.191
1265-	CONROD	1296913	13837	13847	7075	.194
1266-	CONROD	1296914	14807	14827	7075	.191
1267-	CONROD	1296915	14827	14837	7075	.191
1268-	CONROD	1296916	14837	14847	7075	.194
1269	CONROD	1297501	6137	7037	7075	.023
1270-	CONROD	1297502	6147	7047	7075	.069
1271-	CONROD	1297503	6147	7047	7075	.069
1272-	CONROD	1297504	6167	7067	7075	.001
1273-	CONROD	1297511	6137	6147	7075	.061
1274-	CONROD	1297512	6147	6167	7075	.061
1275-	CONROD	1297513	7037	7047	7075	.061
1276-	CONROD	1297514	7047	7067	7075	.061
1277-	CONROD	1297521	7047	8547	7075	.011
1278-	CONROD	1297522	7067	8567	7075	.011
1279-	CONROD	1297523	7047	7067	7075	.102
1280-	CONROD	1297524	8547	8567	7075	.102
1281-	CONROD	1297701	7047	8547	7075	.008
1282-	CONROD	1297702	7067	8567	7075	.008
1283-	CONROD	1297703	7047	7067	7075	.058
1284-	CONROD	1297704	8547	8567	7075	.058
1285-	CONROD	1298301	6133	7033	7075	.026
1286-	CONROD	1298302	6143	7043	7075	.071
1287-	CONROD	1298303	6143	7043	7075	.071
1288-	CONROD	1298304	6163	7063	7075	.003
1289-	CONROD	1298311	6133	6143	7075	.065
1290-	CONROD	1298312	6143	6163	7075	.065
1291-	CONROD	1298313	7033	7043	7075	.065
1292-	CONROD	1298314	7043	7063	7075	.065
1293-	CONROD	1298321	7033	8533	7075	.028
1294-	CONROD	1298322	7043	8543	7075	.074
1295-	CONROD	1298323	7043	8543	7075	.074
1296-	CONROD	1298324	7063	8563	7075	.003
1297-	CONROD	1298331	7033	7043	7075	.116
1298-	CONROD	1298332	7043	7063	7075	.116
1299-	CONROD	1298333	8533	8543	7075	.116
1300-	CONROD	129.334	8543	8563	7075	.116
1301-	CONROD	1298341	8533	9333	7075	.033
1302-	CONROD	1298342	8543	9343	7075	.079
1303-	CONROD	1298343	8543	9343	7075	.079
1304-	CONROD	1298344	8563	9363	7075	.007
1305-	CONROD	1298351	8533	8543	7075	.062
1306-	CONROD	1298352	8543	8563	7075	.062
1307-	CONROD	1298353	9333	9343	7075	.062
1308-	CONROD	1298354	9343	9363	7075	.062
1309-	CONROD	1298501	9337	11537	7075	.028
1310-	CONROD	1298502	9347	11547	7075	.028

1311-	CONROD	1298503	9337	9347	7075	.159
1312-	CONROD	1298504	11537	11547	7075	.159
1313-	CONROD	1298511	11537	13837	7075	.031
1314-	CONROD	1298512	11547	13847	7075	.031
1315-	CONROD	1298513	11537	11547	7075	.154
1316-	CONROD	1298514	13837	13847	7075	.154
1317-	CONROD	1299801	13803	14803	7075	.167
1318-	CONROD	1299802	13823	14823	7075	.167
1319-	CONROD	1299803	13823	14823	7075	.201
1320-	CONROD	1299804	13833	14833	7075	.201
1321-	CONROD	1299805	13833	14833	7075	.142
1322-	CONROD	1299806	13843	14843	7075	.142
1323-	CONROD	1299811	13803	13823	7075	.191
1324-	CONROD	1299812	13823	13833	7075	.191
1325-	CONROD	1299813	13833	13843	7075	.191
1326-	CONROD	1299814	14803	14823	7075	.191
1327-	CONROD	1299815	14823	14833	7075	.191
1328-	CONROD	1299816	14833	14843	7075	.191
1329-	CONROD	1300211	18621	18631	7075	.108
1330-	CONROD	1300212	18631	18641	7075	.108
1331-	CONROD	1300213	18641	18651	7075	.108
1332-	CONROD	1300214	18651	18656	7075	.108
1333-	CONROD	1300215	18656	18661	7075	.108
1334-	CONROD	1300231	14863	18661	7075	.062
1335-	CONROD	1300271	15623	18621	7075	.097
1336-	CONROD	1300352	14823	15623	7075	.095
1337-	CONROD	1300353	14823	14833	7075	.109
1338-	CONROD	1300411	14833	14843	7075	.109
1339-	CONROD	1300412	14843	14863	7075	.109
1340-	CONROD	1302901	14823	15623	9046	.050
1341	CONROD	1302902	14833	15633	9046	.050
1342-	CONROD	1302903	14823	14833	9046	.044
1343-	CONROD	1302904	15623	15633	9046	.044
1344-	CONROD	1303301	14823	15623	9046	.057
1345-	CONROD	1303302	14833	15633	9046	.057
1346-	CONROD	1303303	14823	14833	9046	.045
1347-	CONROD	1303304	15623	15633	9046	.045
1348-	CONROD	1303311	15623	18621	9046	.057
1349-	CONROD	1303312	15633	18631	9046	.057
1350-	CONROD	1303313	15633	19631	9046	.058
1351-	CONROD	1303314	14863	18641	9046	.058
1352-	CONROD	1303315	14843	18651	9046	.050
1353-	CONROD	1303316	14863	18656	9046	.050
1354-	CONROD	1303321	15623	15633	9046	.169
1355-	CONROD	1303322	15633	14843	9046	.192
1356-	CONROD	1303323	14843	14863	9046	.214
1357-	CONROD	1303324	18621	18631	9046	.169
1358-	CONROD	1303325	18631	18641	9046	.192
1359-	CONROD	1303326	18651	18656	9046	.214
1360-	CONROD	1303501	14823	15623	9046	.089
1361-	CONROD	1303502	14833	15633	9046	.089
1362-	CONROD	1303503	14823	14833	9046	.090
1363-	CONROD	1303504	15623	15633	9046	.090
1364-	CONROD	1303901	14823	15623	76	.096
1365-	CONROD	1303902	14833	15633	76	.096
1366-	CONROD	1303903	14823	14833	76	.074
1367-	CONROD	1303904	15623	15633	76	.074
1368-	CONROD	1303911	15623	18621	76	.096
1369-	CONROD	1303912	15633	18631	76	.096
1370-	CONROD	1303913	15633	18631	76	.096
1371-	CONROD	1303914	14843	18641	76	.096
1372-	CONROD	1303915	14843	18651	76	.083
1373-	CONROD	1303916	14863	18656	76	.083
1374-	CONROD	1303921	15623	15633	76	.282
1375-	CONROD	1303922	15633	14843	76	320
1376-	CONROD	1303923	14843	14863	76	.357

1377-	CONROD	1303924	18621	18631	76	.282
1378-	CONROD	1303925	18631	18641	76	.320
1379-	CONROD	1303926	18651	18656	76	.357
1380-	CONROD	1330101	26821	26801	7075	.055
1381-	CONROD	1330102	26801	26809	7075	.055
1382-	CONROD	1330103	26809	26829	7075	.055
1383-	CONROD	1330104	26821	29921	7075	.055
1384-	CONROD	1330105	26829	29929	7075	.055
1385-	CONROD	1330106	29921	29905	7075	.055
1386-	CONROD	1330107	29905	29929	7075	.055
1387-	CONROD	1360691	18669	19769	2024	.386
1388-	CONROD	1360692	19769	21369	2024	.411
1389-	CONROD	1360693	21369	25069	2024	.162
1390-	CONROD	1360694	25069	26869	2024	.082
1391-	CONROD	1360695	26869	29969	2024	.071
1392-	CONROD	1360711	18661	19761	2024	.378
1393-	CONROD	1360712	19761	21361	2024	.399
1394-	CONROD	1360713	21361	25061	2024	.162
1395-	CONROD	1360714	25061	26861	2024	.082
1396-	CONROD	1360715	26861	29961	2024	.071
1397-	CONROD	1370354	19749	21349	7075	.158
1398-	CONROD	1370355	19769	21369	7075	.064
1399-	CONROD	1370356	19749	19759	7075	.156
1400-	CONROD	1370357	19759	19769	7075	.156
1401-	CONROD	1370358	21349	21369	7075	.089
1402-	CONROD	1370364	19741	21341	7075	.089
1403-	CONROD	1370365	19761	21361	7075	.067
1404-	CONROD	1370366	19741	19751	7075	.156
1405-	CONROD	1370367	19751	19761	7075	.156
1406-	CONROD	1370368	21341	21361	7075	.089
1407-	CONROD	1370501	18654	19749	7075	.143
1408-	CONROD	1370502	18659	19759	7075	.095
1409-	CONROD	1370503	18659	19759	7075	.095
1410-	CONROD	1370504	18669	19769	7075	.109
1411-	CONROD	1370511	18654	18659	7075	.213
1412-	CONROD	1370512	18659	18669	7075	.213
1413-	CONROD	1370513	19749	19759	7075	.213
1414-	CONROD	1370514	19759	19769	7075	.213
1415-	CONROD	1370521	19749	21349	7075	.143
1416-	CONROD	1370522	19759	21369	7075	.143
1417-	CONROD	1370523	19749	19759	7075	.341
1418-	CONROD	1370524	21349	21369	7075	.341
1419-	CONROD	1370601	18651	19741	7075	.143
1420-	CONROD	1370602	18656	19751	7075	.095
1421-	CONROD	1370603	18656	19751	7075	.095
1422-	CONROD	1370604	18661	19761	7075	.109
1423-	CONROD	1370611	18651	18656	7075	.213
1424-	CONROD	1370612	18656	18661	7075	.213
1425-	CONROD	1370613	19741	19751	7075	.213
1426-	CONROD	1370614	19751	19761	7075	.213
1427-	CONROD	1370621	19741	21341	7075	.146
1428-	CONROD	1370622	19751	21361	7075	.148
1429-	CONROD	1370623	19741	19751	7075	.341
1430-	CONROD	1370624	21341	21361	7075	.341
1431-	CONROD	1372301	19749	21349	7075	.016
1432-	CONROD	1372302	19759	21369	7075	.016
1433-	CONROD	1372303	19749	19759	7075	.076
1434-	CONROD	1372304	21349	21369	7075	.076
1435-	CONROD	1372401	19741	21341	7075	.020
1436-	CONROD	1372402	19751	21361	7075	.020
1437-	CONROD	1372403	19741	19751	7075	.076
1438-	CONROD	1372404	21341	21361	7075	.076
1439-	CONROD	1373501	18654	19749	7075	.139
1440-	CONROD	1373502	18659	19759	7075	.117
1441-	CONROD	1373503	18659	19759	7075	.117
1442-	CONROD	1373504	18669	19769	7075	.001

1443-	CONROD	1373511	18654	18659	7075	.213
1444-	CONROD	1373512	18659	18669	7075	.213
1445-	CONROD	1373513	19749	19759	7075	.213
1446-	CONROD	1373514	19759	19769	7075	.213
1447-	CONROD	1373601	18651	19741	7075	.139
1448-	CONROD	1373602	18656	19751	7075	.117
1449-	CONROD	1373603	18656	19751	7075	.117
1450-	CONROD	1373604	18661	19761	7075	.001
1451-	CONROD	1373611	18651	18656	7075	.213
1452-	CONROD	1373612	18656	18661	7075	.213
1453-	CONROD	1373613	19741	19751	7075	.213
1454-	CONROD	1373614	19751	19761	7075	.213
1455-	CONROD	1380103	13801	13803	2024	.078
1456-	CONROD	1380191	18629	18639	7075	.070
1457-	CONROD	1380192	18639	18649	7075	.070
1458-	CONROD	1380193	18649	18654	7075	.070
1459-	CONROD	1380194	18654	18659	7075	.070
1460-	CONROD	1380195	18659	18669	7075	.070
1461-	CONROD	1380291	14867	18669	7075	.139
1462-	CONROD	1380307	13803	13807	7075	.184
1463-	CONROD	1380311	15627	18629	7075	.186
1464-	CONROD	1380323	13803	13823	7075	.863
1465-	CONROD	1380432	14827	14837	7075	.075
1466-	CONROD	1380433	14827	15627	7075	.062
1467-	CONROD	1380491	14837	14847	7075	.075
1468-	CONROD	1380492	14847	14867	7075	.075
1469-	CONROD	1380709	13807	13809	2024	.078
1470-	CONROD	1380929	13809	13829	2024	.078
1471-	CONROD	1382101	13801	13821	2024	.078
1472-	CONROD	1382123	13821	13823	2024	.070
1473-	CONROD	1382131	13821	13831	2024	.057
1474-	CONROD	1382327	13823	13827	7075	.130
1475-	CONROD	1382333	13823	13833	7075	.116
1476-	CONROD	1382707	13807	13827	7075	.116
1477-	CONROD	1382729	13827	13829	2024	.070
1478-	CONROD	1382737	13827	13837	7075	.116
1479-	CONROD	1382939	13829	13839	2024	.061
1480-	CONROD	1383133	13831	13833	7075	.168
1481-	CONROD	1383141	13831	13841	2024	.104
1482-	CONROD	1383337	13833	13837	7075	.168
1483-	CONROD	1383343	13833	13843	7075	.244
1484-	CONROD	1383501	14827	15627	9046	.031
1485-	CONROD	1383502	14837	15637	9046	.031
1486-	CONROD	1383503	14827	14837	9046	.066
1487-	CONROD	1383504	15627	15637	9046	.066
1488-	CONROD	1383739	13837	13839	7075	.224
1489-	CONROD	1383747	13837	13847	7075	.116
1490-	CONROD	1383748	13837	13848	7075	.128
1491-	CONROD	1383949	13839	13849	2024	.104
1492-	CONROD	1384101	14827	15627	76	.088
1493-	CONROD	1384102	14837	15637	76	.088
1494-	CONROD	1384103	14827	14837	76	.071
1495-	CONROD	1384104	15627	15637	76	.071
1496-	CONROD	1384111	15627	18629	76	.088
1497-	CONROD	1384112	15637	18639	76	.088
1498-	CONROD	1384113	15637	18639	76	.096
1499-	CONROD	1384114	14847	18649	76	.096
1500-	CONROD	1384115	14847	18654	76	.075
1501-	CONROD	1384116	14867	18659	76	.075
1502-	CONROD	1384121	15627	15637	76	.298
1503-	CONROD	1384122	15637	14847	76	.334
1504-	CONROD	1384123	14847	14867	76	.369
1505-	CONROD	1384124	18629	18639	76	.298
1506-	CONROD	1384125	18639	18649	76	.334
1507-	CONROD	1384126	18654	18659	76	.369
1508-	CONROD	1384143	13841	13843	2024	.056

1509-	CONROD	1384161	13841	13861	2024	.104
1510-	CONROD	1384301	14827	15627	9046	.096
1511-	CONROD	1384302	14837	15637	9046	.096
1512-	CONROD	1384303	14827	14837	9046	.183
1513-	CONROD	1384304	15627	15637	9046	.183
1514-	CONROD	1384347	13843	13847	2024	.108
1515-	CONROD	1384363	13843	13863	7075	.128
1516-	CONROD	1384501	14827	15627	9046	.053
1517-	CONROD	1384502	14837	15637	9046	.053
1518-	CONROD	1384503	14827	14837	9046	.042
1519-	CONROD	1384504	15627	15637	9046	.042
1520-	CONROD	1384511	15627	18629	9046	.053
1521-	CONROD	1384512	15637	18639	9046	.053
1522-	CONROD	1384513	15637	18639	9046	.058
1523-	CONROD	1384514	14847	15649	9046	.058
1524-	CONROD	1384515	14847	18654	9046	.045
1525-	CONROD	1384516	14867	18659	9046	.045
1526-	CONROD	1384521	15627	15637	9046	.179
1527-	CONROD	1384522	15637	14847	9046	.200
1528-	CONROD	1384523	14847	14867	9046	.221
1529-	CONROD	1384524	18629	18639	9046	.179
1530-	CONROD	1384525	18639	18649	9046	.200
1531-	CONROD	1384526	18654	18659	9046	.221
1532-	CONROD	1384867	13848	13867	7075	.128
1533-	CONROD	1384969	13849	13869	[illegible]	.104
1534-	CONROD	1386163	13861	13863	2024	.056
1535-	CONROD	1386769	13867	13869	2024	.047
1536-	CONROD	1480103	14801	14803	7075	.130
1537-	CONROD	1480307	14803	14807	7075	.130
1538-	CONROD	1480323	14803	14823	7075	.234
1539-	CONROD	1480709	14807	14809	7075	.130
1540-	CONROD	1480929	14809	14829	7075	.130
1541-	CONROD	1482101	14801	14821	7075	.130
1542-	CONROD	1482123	14821	14823	7075	.293
1543-	CONROD	1482131	14821	14831	7075	.130
1544-	CONROD	1482327	14823	14827	7075	.316
1545-	CONROD	1482333	14823	14833	7075	.284
1546-	CONROD	1482707	14807	14827	7075	.234
1547-	CONROD	1482729	14827	14829	7075	.293
1548-	CONROD	1482737	14827	14837	7075	.292
1549-	CONROD	1482739	14829	14839	7075	.130
1550-	CONROD	1483133	14831	14833	7075	.155
1551-	CONROD	1483141	14831	14841	7075	.130
1552	CONROD	1483337	14833	14837	7075	.265
1553-	CONROD	1483343	14833	14863	7075	.334
1554-	CONROD	1483739	14837	14839	7075	.155
1555-	CONROD	1483747	14837	14847	7075	.342
1556-	CONROD	1483949	14839	14849	7075	.130
1557-	CONROD	1484161	14841	14861	7075	.130
1558-	CONROD	1484347	14843	14867	7075	.152
1559-	CONROD	1484363	14843	14863	7075	.334
1560-	CONROD	1484767	14847	14867	7075	.342
1561-	CONROD	1484969	14849	14869	7075	.130
1562-	CONROD	1486163	14861	14863	7075	.277
1563-	CONROD	1486181	14861	14881	7075	.121
1564-	CONROD	1486367	14863	14867	7075	.249
1565-	CONROD	1486769	14867	14869	7075	.277
1566-	CONROD	1486989	14869	14889	7075	.121
1567-	CONROD	1488183	14881	14883	7075	.155
1568-	CONROD	1488387	14883	14887	7075	.155
1569-	CONROD	1488789	14887	14889	7075	.155
1570-	CONROD	1560031	9347	11547	7075	.124
1571-	CONROD	1560032	11547	13847	7075	.122
1572-	CONROD	1560033	13847	14847	7075	.200
1573-	CONROD	1560041	9343	11543	7075	.132
1574-	CONROD	1560042	11543	13843	7075	.130

1575-	CONROD	1560043	13843	14843	7075	.194
1576-	CONROD	1570011	6167	7067	7075	.198
1577-	CONROD	1570012	7067	8567	7075	.194
1578-	CONROD	1570013	8567	9367	7075	.191
1579-	CONROD	1570014	9367	11567	7075	.325
1580-	CONROD	1570015	11567	13867	7075	.285
1581-	CONROD	1570016	13867	14867	7075	.275
1582-	CONROD	1570017	14867	18669	7075	.346
1583-	CONROD	1570031	6163	7063	7075	.198
1584-	CONROD	1570032	7063	8563	7075	.195
1585-	CONROD	1570033	8563	9363	7075	.192
1586-	CONROD	1570034	9363	11563	7075	.325
1587-	CONROD	1570035	11563	13863	7075	.284
1588-	CONROD	1570036	13863	14863	7075	.301
1589-	CONROD	1570037	14863	18661	7075	.285
1590-	CONROD	1580031	6137	7037	7075	.247
1591-	CONROD	1580032	7037	8537	7075	.248
1592-	CONROD	1580033	8537	9337	7075	.249
1593-	CONROD	1580034	9337	11537	7075	.344
1594-	CONROD	1580035	11537	13837	7075	.346
1595-	CONROD	1580036	13837	14837	7075	.221
1596-	CONROD	1580041	6133	7033	7075	.247
1597-	CONROD	1580042	7033	8533	7075	.248
1598-	CONROD	1580043	8533	9333	7075	.249
1599-	CONROD	1580044	9333	11533	7075	.344
1600-	CONROD	1580045	11533	13833	7075	.347
1601-	CONROD	1580046	13833	14833	7075	.227
1602-	CONROD	1590051	13827	14827	7075	.274
1603-	CONROD	1590052	14827	15627	7075	.303
1604-	CONROD	1590053	15627	18629	7075	.315
1605-	CONROD	1590071	13823	14823	7075	.264
1606-	CONROD	1590072	14823	15623	7075	.285
1607-	CONROD	1590073	15623	18621	7075	.309
1608-	CONROD	1600051	18669	19769	7075	.407
1609-	CONROD	1600052	19769	21369	7075	.441
1610-	CONROD	1600053	21369	25069	7075	.392
1611-	CONROD	1600054	25069	26869	7075	.390
1612-	CONROD	1600055	26869	29969	7075	.638
1613-	CONROD	1600091	18661	19761	7075	.411
1614-	CONROD	1600092	19761	21361	7075	.444
1615-	CONROD	1600093	21361	25061	7075	.404
1616-	CONROD	1600094	25061	26861	7075	.390
1617-	CONROD	1600095	26861	29961	7075	.647
1618-	CONROD	1610131	13829	14829	7075	.128
1619-	CONROD	1610132	14829	15629	7075	.128
1620-	CONROD	1610133	15629	18629	7075	.128
1621	CONROD	1610151	13821	14821	7075	.128
1622-	CONROD	1610152	14821	15621	7075	.128
1623-	CONROD	1610153	15621	18621	7075	.128
1624-	CONROD	1610191	18629	21329	7075	.412
1625-	CONROD	1610192	21329	21829	7075	.445
1626-	CONROD	1610193	21829	22729	7075	.522
1627-	CONROD	1610194	22729	25029	7075	.348
1628-	CONROD	1610195	25029	26829	7075	.341
1629-	CONROD	1610196	26829	29929	7075	.351
1630-	CONROD	1610291	18621	21321	7075	.513
1631-	CONROD	1610292	21321	21821	7075	.545
1632-	CONROD	1610293	21821	22721	7075	.640
1633-	CONROD	1610294	22721	25021	7075	.420
1634-	CONROD	1610295	25021	26821	7075	.410
1635-	CONROD	1610296	26821	29921	7075	.450
1636-	CONROD	1796101	7061	8561	2024	.040
1637-	CONROD	1796102	7071	8571	2024	.040
1638-	CONROD	1796103	7061	7071	2024	.232
1639-	CONROD	1796104	8561	8571	2024	.232
1640-	CONROD	1796111	8561	9361	2024	.072

1641-	CONROD	1796112	8571	9371	2024	.072
1642-	CONROD	1796113	8561	8571	2024	.202
1643-	CONROD	1796114	9361	9371	2024	.202
1644-	CONROD	1796121	9361	11561	2024	.102
1645-	CONROD	1796122	9371	11571	2024	.102
1646-	CONROD	1796123	9361	9371	2024	.270
1647-	CONROD	1796124	11561	11571	2024	.270
1648-	CONROD	1796131	11561	13861	2024	.140
1649-	CONROD	1796132	11571	13871	2024	.140
1650-	CONROD	1796133	11561	11571	2024	.382
1651-	CONROD	1796134	13861	13871	2024	.382
1652-	CONROD	1796141	13861	14861	2024	.195
1653-	CONROD	1796142	13871	14881	2024	.195
1654-	CONROD	1796143	13861	13871	2024	.187
1655-	CONROD	1796144	14861	14881	2024	.187
1656-	CONROD	1796301	7069	8569	2024	.040
1657-	CONROD	1796302	7079	8579	2024	.040
1658-	CONROD	1796303	7069	7079	2024	.232
1659-	CONROD	1796304	8569	8579	2024	.232
1660-	CONROD	1796311	8569	9369	2024	.072
1661-	CONROD	1796312	8579	9379	2024	.072
1662-	CONROD	1796313	8569	8579	2024	.202
1663-	CONROD	1796314	9369	9379	2024	.202
1664-	CONROD	1796321	9369	11569	2024	.102
1665-	CONROD	1796322	9379	11579	2024	.102
1666-	CONROD	1796323	9369	9379	2024	.270
1667-	CONROD	1796324	11569	11579	2024	.270
1668-	CONROD	1796331	11569	13869	2024	.130
1669-	CONROD	1796332	11579	13879	2024	.130
1670-	CONROD	1796333	11569	11579	2024	.248
1671-	CONROD	1796334	13869	13879	2024	.248
1672-	CONROD	1796341	13869	14869	2024	.183
1673-	CONROD	1796342	13879	14889	2024	.183
1674-	CONROD	1796343	13869	13879	2024	.321
1675	CONROD	1796344	14869	14889	2024	.321
1676-	CONROD	1800171	18629	21349	2024	.491
1677-	CONROD	1800191	21321	18641	2024	.491
167E	CONROD	1820011	18649	19749	7075	.288
1679-	CONROD	1820012	19749	21349	7075	.288
1680-	CONROD	1820051	18641	19741	7075	.288
1681-	CONROD	1820052	19741	21341	7075	.288
1682-	CONROD	1860103	18601	18603	2024	.123
1683-	CONROD	1860307	18603	18607	2024	.123
1684-	CONROD	1860709	18607	18609	2024	.123
1685-	CONROD	1860929	18609	18629	2024	.123
1686-	CONROD	1862101	18601	18621	2024	.123
1687-	CONROD	1862123	18621	18623	7075	.278
1688-	CONROD	1862131	18621	18631	2014	.652
1689-	CONROD	1862325	18623	18625	7075	.278
1690-	CONROD	1862527	18625	18627	7075	.278
1691-	CONROD	1862729	18627	18629	7075	.278
1692-	CONROD	1862939	18629	18639	2014	.487
1693-	CONROD	1863141	18631	18641	2014	.652
1694-	CONROD	1863949	18639	18649	2014	.487
1695-	CONROD	1864151	18641	18651	2014	.548
1696-	CONROD	1864954	18649	18654	2014	.548
1697-	CONROD	1865156	18651	18656	2014	.54
1698-	CONROD	1865459	18654	18659	2014	.58
1699-	CONROD	1865661	18656	18661	2014	.548
1700-	CONROD	1865969	18659	18669	2014	.558
1701-	CONROD	1866181	18661	18681	2024	.203
1702-	CONROD	1866989	18669	18689	2024	.203
1703-	CONROD	1868183	18681	18683	7075	.328
1704-	CONROD	1868385	18683	18685	7075	.328
1705-	CONROD	1868587	18685	18687	7075	.328
1706-	CONROD	1868789	18687	18589	7075	.328

1707-	CONROD	1870031	8533	8543	2014	.581	
1708-	CONROD	1870032	8537	8547	2014	.574	
1709-	CONROD	1874241	18641	18642	2014	.0456	WEB
1710-	CONROD	1874352	18652	18643	2014	.147	WEB
1711-	CONROD	1874464	18644	18664	2014	.68125	
1712-	CONROD	1874666	18646	18666	2014	.68125	
1713-	CONROD	1874948	18648	18649	2014	.0456	WEB
1714-	CONROD	1875141	18641	18651	2014	.125	WEB
1715-	CONROD	1875242	18642	18652	2014	.125	WEB
1716-	CONROD	1875251	18651	18652	2014	.1441	WEB
1717-	CONROD	1875347	18647	18653	2014	.147	WEB
1718-	CONROD	1875348	18648	18653	2014	.125	WEB
1719-	CONROD	1875449	18649	18654	2014	.125	WEB
1720-	CONROD	1875453	18653	18654	2014	.1441	WEB
1721-	CONROD	1875654	18651	18656	2014	.125	WEB
1722-	CONROD	1875752	18652	18657	2014	.342	WEB
1723-	CONROD	1875756	18656	18657	2014	.0985	WEB
1724-	CONROD	1875853	18653	18658	2014	.342	WEB
1725-	CONROD	1875867	18667	18658	2014	.147	WEB
1726-	CONROD	1875954	18654	18659	2014	.125	WEB
1727-	CONROD	1875958	18658	18659	2014	.0985	WEB
1728-	CONROD	1876343	18643	18663	2014	.217	WEB
1729-	CONROD	1876357	18657	18663	2014	.147	WEB
1730-	CONROD	1876747	18647	18667	2014	.217	WEB
1731-	CONROD	1974241	19741	19742	2014	.247	WEB
1732-	CONROD	1974342	19742	19743	2014	.288	WEB
1733-	CONROD	1974543	19743	19745	2014	.3293	WEB
1734-	CONROD	1974565	19745	19765	2014	.825	
1735-	CONROD	1974745	19745	19747	2014	.3293	WEB
1736-	CONROD	1974847	19747	19748	2014	.288	WEB
1737-	CONROD	1974948	19748	19749	2014	.247	WEB
1738-	CONROD	1975141	19741	19751	2014	.764	WEB
1739-	CONROD	1975242	19742	19752	2014	.981	WEB
1740-	CONROD	1975251	19751	19752	2014	.4117	WEB
1741-	CONROD	1975848	19748	19758	2014	.981	WEB
1742-	CONROD	1975867	19767	19758	2014	.288	WEB
1743-	CONROD	1975949	19749	19759	2014	.764	WEB
1744-	CONROD	1975958	19758	19759	2014	.4117	WEB
1745-	CONROD	1976151	19751	19761	2014	1.528	WEB
1746-	CONROD	1976252	19752	19762	2014	1.528	WEB
1747-	CONROD	1976261	19761	19762	2014	.1647	WEB
1748-	CONROD	1976343	19743	19763	2014	1.009	WEB
1749-	CONROD	1976352	19752	19763	2014	.288	WEB
1750-	CONROD	1976545	19745	19765	2014	1.584	WEB
1751-	CONROD	1976563	19763	19765	2014	.3293	WEB
1752-	CONROD	1976747	19747	19767	2014	1.009	WEB
1753-	CONROD	1976765	19765	19767	2014	.3293	WEB
1754-	CONROD	1976858	19758	19768	2014	1.528	WEB
1755-	CONROD	1976959	19759	19769	2014	1.528	WEB
1756-	CONROD	1976968	19768	19769	2014	.1647	WEB
1757-	CONROD	2010191	4633	6131	2024	.018	
1758-	CONROD	2010192	4637	6139	2024	.018	
1759-	CONROD	2010211	4633	4637	2024	.024	
1760-	CONROD	2015301	6131	7031	2024	.029	
1761-	CONROD	2015302	6133	7033	2024	.029	
1762-	CONROD	2015303	6133	7033	2024	.160	
1763-	CONROD	2015304	6137	7037	2024	.160	
1764-	CONROD	2015305	6137	7037	2024	.029	
1765-	CONROD	2015306	6139	7039	2024	.029	
1766-	CONROD	2015307	6131	6133	2024	.076	
1767-	CONROD	2015308	6133	6137	2024	.076	
1768-	CONROD	2015309	6137	6139	2024	.076	
1769-	CONROD	2015310	7031	7033	2024	.076	
1770-	CONROD	2015311	7033	7037	2024	.076	
1771-	CONROD	2015312	7037	7039	2024	.076	
1772-	CONROD	2015321	7031	8531	2024	.044	

1773-	CONROD	2015322	7033	8533	2024	.044
1774-	CONROD	2015323	7037	8537	2024	.044
1775-	CONROD	2015324	7039	8539	2024	.044
1776-	CONROD	2015325	7031	7033	2024	.116
1777-	CONROD	2015326	7037	7039	2024	.116
1778-	CONROD	2015327	8531	8533	2024	.116
1779-	CONROD	2015328	8537	8539	2024	.116
1780-	CONROD	2015331	8531	9331	2024	.054
1781-	CONROD	2015332	8533	9333	2024	.054
1782-	CONROD	2015333	8533	9333	2024	.160
1783-	CONROD	2015334	8537	9337	2024	.160
1784-	CONROD	2015335	8537	9337	2024	.054
1785-	CONROD	2015336	8539	9339	2024	.054
1786-	CONROD	2015337	8531	8533	2024	.062
1787-	CONROD	2015338	8533	8537	2024	.062
1788-	CONROD	2015339	8537	8539	2024	.062
1789-	CONROD	2015341	9333	9337	2024	.062
1790-	CONROD	2015342	9337	9339	2024	.062
1791-	CONROD	2015343	9331	9333	2024	.062
1792-	CONROD	2016701	4633	6133	2024	.029
1793-	CONROD	2016702	4637	6137	2024	.029
1794-	CONROD	2016703	4633	4637	2024	.379
1795-	CONROD	2016704	6133	6137	2024	.079
1796-	CONROD	2016901	4633	6133	2024	.062
1797-	CONROD	2016902	4637	6137	2024	.062
1798-	CONROD	2016903	4633	4637	2024	.151
1799-	CONROD	2016904	6133	6137	2024	.151
1800-	CONROD	2016911	6131	7031	2024	.036
1801-	CONROD	2016912	6133	7033	2024	.036
1802-	CONROD	2016913	6133	7033	2024	.200
1803-	CONROD	2016914	6137	7037	2024	.200
1804-	CONROD	2016915	6137	7037	2024	.036
1805-	CONROD	2016916	6139	7039	2024	.036
1806-	CONROD	2016917	6131	6133	2024	.095
1807-	CONROD	2016918	6133	6137	2024	.095
1808-	CONROD	2016919	6137	6139	2024	.095
1809-	CONROD	2016920	7031	7033	2024	.095
1810-	CONROD	2016921	7033	7037	2024	.095
1811-	CONROD	2016922	7037	7039	2024	.095
1812-	CONROD	2016931	7031	8531	2024	.055
1813-	CONROD	2016932	7033	8533	2024	.055
1814-	CONROD	2016933	7037	8537	2024	.055
1815-	CONROD	2016934	7039	8539	2024	.055
1816-	CONROD	2016935	7031	7033	2024	.148
1817-	CONROD	2016936	7037	7039	2024	.148
1818-	CONROD	2016937	8531	8533	2024	.148
1819-	CONROD	2016938	8537	8539	2024	.148
1820-	CONROD	2017001	8531	9331	2024	.067
1821-	CONROD	2017002	8533	9333	2024	.067
1822-	CONROD	2017003	8533	9333	2024	.200
1823-	CONROD	2017004	8537	9337	2024	.200
1824-	CONROD	2017005	8537	9337	2024	.067
1825-	CONROD	2017006	8539	9339	2024	.067
1826-	CONROD	2017007	8531	8533	2024	.077
1827-	CONROD	2017008	8533	8537	2024	.077
1828-	CONROD	2017009	8537	8539	2024	.077
1829-	CONROD	2017010	9331	9333	2024	.077
1830-	CONROD	2017011	9333	9337	2024	.077
1831-	CONROD	2017012	9337	9339	2024	.077
1832-	CONROD	2018501	6131	7031	2024	.032
1833-	CONROD	2018502	6133	7033	2024	.032
1834-	CONROD	2018503	6133	703	2024	.320
1835-	CONROD	2018504	6137	7037	2024	.320
1836-	CONROD	2018505	6137	7037	2024	.032
1837-	CONROD	2018506	6139	7039	2024	.032
1838-	CONROD	2018507	6131	6133	2024	.127

1839-	CONROD	2018508	6133	6137	2024	.127
1840-	CONROD	2018509	6137	6139	2024	.127
1841-	CONROD	2018510	7031	7033	2024	.127
1842-	CONROD	2018511	7033	7037	2024	.127
1843-	CONROD	2018512	7037	7039	2024	.127
1844-	CONROD	2018521	7031	8531	2024	.062
1845-	CONROD	2018522	7033	8533	2024	.062
1846-	CONROD	2018523	7037	8537	2024	.062
1847-	CONROD	2018524	7039	8539	2024	.062
1848-	CONROD	2018525	7031	7033	2024	.232
1849-	CONROD	2018526	7037	7039	2024	.232
1850-	CONROD	2018527	8531	8533	2024	.232
1851-	CONROD	2018528	8537	8539	2024	.232
1852-	CONROD	2018531	8531	9331	2024	.082
1853-	CONROD	2018532	8533	9333	2024	.082
1854-	CONROD	2018533	8533	9333	2024	.320
1855-	CONROD	2018534	8537	9337	2024	.320
1856-	CONROD	2018535	8537	9337	2024	.082
1857-	CONROD	2018536	8539	9339	2024	.082
1858-	CONROD	2018537	8531	8533	2024	.098
1859-	CONROD	2018538	8533	8537	2024	.098
1860-	CONROD	2018539	8537	8539	2024	.098
1861-	CONROD	2018540	9331	9333	2024	.098
1862-	CONROD	2018541	9333	9337	2024	.098
1863-	CONROD	2018542	9337	9339	2024	.098
1864-	CONROD	2020171	9343	9347	2024	.183
1865-	CONROD	2020172	13843	13847	2024	.041
1866-	CONROD	2020173	14843	14847	2024	.027
1867-	CONROD	2020271	9347	11547	2024	.027
1868-	CONROD	2020272	11547	13847	2024	.026
1869-	CONROD	2020273	13847	14847	2024	.030
1870-	CONROD	2020291	9343	11543	2024	.027
1871-	CONROD	2020292	11543	13843	2024	.026
1872-	CONROD	2020293	13843	14843	2024	.030
1873-	CONROD	2027301	9343	11543	2024	.065
1874-	CONROD	2027302	11543	13843	2024	.065
1875-	CONROD	2027303	13843	14843	2024	.065
1876-	CONROD	2027304	9347	11547	2024	.065
1877-	CONROD	2027305	11547	13847	2024	.065
1878-	CONROD	2027306	13847	14847	2024	.065
1879-	CONROD	2027307	9343	9347	2024	.200
1880-	CONROD	2027308	11543	11547	2024	.200
1881-	CONROD	2027309	11543	11547	2024	.231
1882-	CONROD	2027310	13843	13847	2024	.231
1883-	CONROD	2027311	13843	13847	2024	.097
1884-	CONROD	2027312	14843	14847	2024	.097
1885-	CONROD	2030511	9317	11507	2024	.302
1886-	CONROD	2030512	11507	13807	2024	.302
1887-	CONROD	2030513	9307	13807	2024	.065
1888-	CONROD	2030521	9313	11503	2024	.302
1889-	CONROD	2030522	11503	13803	2024	.302
1890-	CONROD	2030523	9303	13803	2024	.065
1891-	CONROD	2032901	9303	13803	2024	.250
1892-	CONROD	2032902	9307	13807	2024	.250
1893-	CONROD	2032903	9303	9307	2024	.575
1894-	CONROD	2032904	13803	13807	2024	.575
1895-	CONROD	2044701	14821	15621	9046	.152
1896-	CONROD	2044702	14823	15623	9046	.152
1897-	CONROD	2044703	14827	15627	9046	.152
1898-	CONROD	2044704	14829	15629	9046	.152
1899-	CONROD	2044705	14821	14823	9046	.195
1900-	CONROD	2044706	14827	14829	9046	.195
1901-	CONROD	2044707	15621	15623	9046	.195
1902-	CONROD	2044708	15627	15629	9046	.195
1903-	CONROD	2044711	14821	15621	7075	.019
1904-	CONROD	2044712	14823	15623	7075	.205

1905-	CONROD	2044713	14827	15627	7075	.235
1906-	CONROD	2044714	14829	15629	7075	.319
1907-	CONROD	2044715	14823	14827	7075	.176
1908-	CONROD	2044716	15621	15623	7075	.296
1909-	CONROD	2044717	15623	15625	7075	.294
1910-	CONROD	2044718	15625	15627	7075	.294
1911-	CONROD	2044719	15627	15629	7075	.296
1912-	CONROD	2044720	15621	18621	7075	.350
1913-	CONROD	2044721	15623	18621	7075	.195
1914-	CONROD	2044722	15627	18629	7075	.195
1915-	CONROD	2044723	15629	18629	7075	.350
1916-	CONROD	2044724	18621	18623	7075	.180
1917-	CONROD	2044725	18623	18625	7075	.180
1918-	CONROD	2044726	18625	18627	7075	.180
1919-	CONROD	2044727	18627	18629	7075	.180
1920-	CONROD	2047901	15623	18623	76	.372
1921-	CONROD	2047902	15625	18625	76	.144
1922-	CONROD	2047903	15625	18625	76	.144
1923-	CONROD	2047904	15627	18627	76	.372
1924-	CONROD	2047905	15623	15625	76	.298
1925-	CONROD	2047906	15625	15627	76	.298
1926-	CONROD	2047907	18623	18625	76	.298
1927-	CONROD	204790A	18625	18627	76	.298
1928-	CONROD	2048101	14821	15621	9046	.350
1929-	CONROD	2048102	14823	15623	9046	.050
1930-	CONROD	2048103	14827	15627	9046	.350
1931-	CONROD	2048104	14829	15629	9046	.350
1932-	CONROD	2048105	14821	14823	9046	.362
1933-	CONROD	2048106	14827	14829	9046	.362
1934-	CONROD	2048107	15621	15623	9046	.362
1935-	CONROD	2048108	15627	15629	9046	.362
1936-	CONROD	2048201	15623	18623	9046	.357
1937-	CONROD	2048202	15625	18625	9046	.115
1938-	CONROD	2048203	15625	18625	9046	.115
1939-	CONROD	2048204	15627	18627	9046	.357
1940-	CONROD	2048205	15623	15625	9046	.238
1941-	CONROD	2048206	15625	15627	9046	.238
1942-	CONROD	2048207	18623	18625	9046	.239
1943-	CONROD	2048208	18625	18627	9046	.238
1944-	CONROD	2050431	18621	21321	7075	.024
1945-	CONROD	2050432	18621	18623	7075	.040
1946-	CONROD	2050433	18623	18625	7075	.040
1947-	CONROD	2050434	18625	18627	7075	.040
1948-	CONROD	2050435	18627	18629	7075	.040
1949-	CONROD	2050436	21321	21323	7075	.104
1950-	CONROD	2050437	21323	21325	7075	.104
1951-	CONROD	2050438	21325	21327	7075	.104
1952-	CONROD	2050439	21327	21329	7075	.104
1953-	CONROD	2050651	18627	21327	7075	.193
1954-	CONROD	2050652	18629	21329	7075	.053
1955-	CONROD	2055501	18621	21321	7075	.018
1956-	CONROD	2055502	18623	21323	7075	.094
1957-	CONROD	2055503	18623	21323	7075	.094
1958-	CONROD	2055504	18625	21325	7075	.059
1959-	CONROD	2055505	18625	21325	7075	.059
1960-	CONROD	2055506	18627	21327	7075	.094
1961-	CONROD	2055507	18627	21327	7075	.094
1962-	CONROD	2055508	18629	21329	7075	.018
1963-	CONROD	2055511	18621	18623	7075	.221
1964-	CONROD	2055512	18623	18625	7075	.221
1965-	CONROD	2055513	18625	18627	7075	.221
1966-	CONROD	2055514	18627	18629	7075	.221
1967-	CONROD	2055515	21321	21323	7075	.221
1968-	CONROD	2055516	21323	21325	7075	.221
1969-	CONROD	2055517	21325	21327	7075	.221
1970-	CONROD	2055518	21327	21329	7075	.221

1971-	CONROD	2056301	18621	21321	7075	.004
1972-	CONROD	2056302	18623	21323	7075	.069
1973-	CONROD	2056303	18623	21323	7075	.069
1974-	CONROD	2056304	18625	21325	7075	.045
1975-	CONROD	2056305	18625	21325	7075	.045
1976-	CONROD	2056306	18627	21327	7075	.069
1977-	CONROD	2056307	18627	21327	7075	.069
1978-	CONROD	2056308	18629	21329	7075	.305
1979-	CONROD	2056311	18621	18623	7075	.145
1980-	CONROD	2056312	18623	18625	7075	.145
1981-	CONROD	2056313	18625	18627	7075	.145
1982-	CONROD	2056314	18627	18629	7075	.145
1983-	CONROD	2056315	21321	21323	7075	.145
1984-	CONROD	2056316	21323	21325	7075	.145
1985-	CONROD	2056317	21325	21327	7075	.145
1986-	CONROD	2056318	21327	21329	7075	.145
1987-	CONROD	2060191	22729	25029	7075	.084
1988-	CONROD	2060211	22721	25021	7075	.084
1989-	CONROD	2060231	22721	22723	7075	.145
1990-	CONROD	2060232	22723	22725	7075	.145
1991-	CONROD	2060233	22725	22727	7075	.145
1992-	CONROD	2060234	22727	22729	7075	.145
1993-	CONROD	2060271	21829	22729	7075	.174
1994-	CONROD	2060391	25021	25025	7075	.111
1995-	CONROD	2060392	25025	25029	7075	.111
1996-	CONROD	2060501	21821	22721	7075	.174
1997-	CONROD	2060850	21321	21821	7075	.180
1998-	CONROD	2060851	21329	21829	7075	.180
1999-	CONROD	2060852	21321	21323	7075	.205
2000-	CONROD	2060853	21323	21325	7075	.205
2001-	CONROD	2060854	21325	21327	7075	.205
2002-	CONROD	2060855	21327	21329	7075	.205
2003-	CONROD	2060856	21821	21823	7075	.242
2004-	CONROD	2060857	21823	21825	7075	.242
2005-	CONROD	2060858	21825	21827	7075	.242
2006-	CONROD	2060859	21827	21829	7075	.242
2007-	CONROD	2068701	21321	21821	9046	.017
2008-	CONROD	2068702	21323	21823	9046	.093
2009-	CONROD	2068703	21323	21823	9046	.093
2010-	CONROD	2068704	21325	21825	9046	.059
2011-	CONROD	2068705	21325	21825	9046	.059
2012-	CONROD	2068706	21327	21827	9046	.093
2013-	CONROD	2068707	21327	21827	9046	.093
2014-	CONROD	2068708	21329	21829	9046	.017
2015-	CONROD	2068711	21321	21323	9046	.040
2016-	CONROD	2068712	21323	21325	9046	.040
2017-	CONROD	2068713	21325	21327	9046	.040
2018-	CONROD	2068714	21327	21329	9046	.040
2019-	CONROD	2068715	21821	21823	9046	.040
2020-	CONROD	2068716	21823	21825	9046	.040
2021-	CONROD	2068717	21825	21827	9046	.040
2022-	CONROD	2068718	21827	21829	9046	.040
2023-	CONROD	2068721	21821	22721	9046	.014
2024-	CONROD	2068722	21823	22723	9046	.092
2025-	CONROD	2068723	21823	22723	9046	.092
2026-	CONROD	2068724	21825	22725	9046	.059
2027-	CONROD	2068725	21825	22725	9046	.059
2028-	CONROD	2068726	21827	22727	9046	.092
2029-	CONROD	2068727	21827	22727	9046	.092
2030-	CONROD	2068728	21829	22729	9046	.014
2031-	CONROD	2068731	21821	21823	9046	.069
2032-	CONROD	2068732	21823	21825	9046	.069
2033-	CONROD	2068733	21825	21827	9046	.069
2034-	CONROD	2068734	21827	21829	9046	.069
2035-	CONROD	2068735	22721	22723	9046	.069
2036-	CONROD	2068736	22723	22725	9046	.069

2037-	CONROD	2068737	22725	22727	9046	.069
2038-	CONROD	2068738	22727	22729	9046	.069
2039-	CONROD	2068801	22723	25021	9046	.069
2040-	CONROD	2068802	22725	25025	9046	.136
2041-	CONROD	2068803	22725	25025	9046	.136
2042-	CONROD	2068804	22727	25029	9046	.069
2043-	CONROD	2068811	22723	22725	9046	.179
2044-	CONROD	2068812	22725	22727	9046	.179
2045-	CONROD	2068813	25021	25025	9046	.179
2046-	CONROD	2068814	25025	25029	9046	.179
2047-	CONROD	2068901	21321	21821	76	.021
2048-	CONROD	2068902	21323	21823	76	.116
2049-	CONROD	2068903	21323	21823	76	.116
2050-	CONROD	2068904	21325	21825	76	.074
2051-	CONROD	2068905	21325	21825	76	.074
2052-	CONROD	2068906	21327	21827	76	.116
2053-	CONROD	2068907	21327	21827	76	.116
2054-	CONROD	2068908	21329	21829	76	.021
2055-	CONROD	2068911	21321	21323	76	.050
2056-	CONROD	2068912	21323	21325	76	.050
2057-	CONROD	2068913	21325	21327	76	.050
2058-	CONROD	2068914	21327	21329	76	.050
2059-	CONROD	2068915	21821	21823	76	.050
2060-	CONROD	2068916	21823	21825	76	.050
2061-	CONROD	2068917	21825	21827	76	.050
2062-	CONROD	2068918	21827	21829	76	.050
2063-	CONROD	2068921	21821	22721	76	.018
2064-	CONROD	2068922	21823	22723	76	.115
2065-	CONROD	2068923	21823	22723	76	.115
2066-	CONROD	2068924	21825	22725	76	.074
2067-	CONROD	2068925	21825	22725	76	.074
2068-	CONROD	2068926	21827	22727	76	.115
2069-	CONROD	2068927	21827	22727	76	.115
2070-	CONROD	2068928	21829	22729	76	.018
2071-	CONROD	2068931	21821	21823	76	.087
2072-	CONROD	2068932	21823	21825	76	.087
2073-	CONROD	2068933	21825	21827	76	.087
2074-	CONROD	2068934	21827	21829	76	.087
2075-	CONROD	2068935	22721	22723	76	.087
2076-	CONROD	2068936	22723	22725	76	.087
2077-	CONROD	2068937	22725	22727	76	.087
2078-	CONROD	2068938	22727	22729	76	.087
2079-	CONROD	2069001	22723	25021	76	.081
2080-	CONROD	2069002	22725	25025	76	.170
2081-	CONROD	2069003	22725	25025	76	.170
2082-	CONROD	2069004	22727	25029	76	.081
2083-	CONROD	2069011	22723	22725	76	.224
2084-	CONROD	2069012	22725	22727	76	.224
2085-	CONROD	2069013	25021	25025	76	.224
2086-	CONROD	2069014	25025	25029	76	.224
2087-	CONROD	2069101	21321	21821	76	.011
2088-	CONROD	2069102	21323	21823	76	.058
2089-	CONROD	2069103	21323	21823	76	.058
2090-	CONROD	2069104	21325	21825	76	.037
2091-	CONROD	2069105	21325	21825	76	.037
2092-	CONROD	2069106	21327	21827	76	.058
2093-	CONROD	2069107	21327	21827	76	.058
2094-	CONROD	2069108	21329	21829	76	.011
2095-	CONROD	2069111	21321	21323	76	.025
2096-	CONROD	2069112	21323	21325	76	.025
2097-	CONROD	2069113	21325	21327	76	.025
2098-	CONROD	2069114	21327	21329	76	.025
2099-	CONROD	2069115	21821	21823	76	.025
2100-	CONROD	2069116	21823	21825	76	.025
2101-	CONROD	2069117	21825	21827	76	.025
2102-	CONROD	2069118	21827	21829	76	.025

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2103-       CONROD  2070091 25021   26821   2024    .025
2104-       CONROD  2070131 26821   26825   2024    .041
2105-       CONROD  2070132 26825   26829   2024    .041
2106-       CONROD  2070151 26829   29929   2024    .028
2107-       CONROD  2070211 29921   29925   2024    .039
2108-       CONROD  2070212 29925   29929   2024    .039
2109-       CONROD  2070231 25021   25025   2024    .044
2110-       CONROD  2070232 25025   25029   2024    .044
2111-       CONROD  2070511 25029   26829   2024    .068
2112-       CONROD  2070551 26821   26825   2024    .041
2113-       CONROD  2070552 26825   26829   2024    .041
2114-       CONROD  2070571 26821   29921   7075    .156
2115-       CONROD  2072701 25021   26821   2024    .073
2116-       CONROD  2072702 25025   26825   2024    .160
2117-       CONROD  2072703 25025   26825   2024    .160
2118-       CONROD  2072704 25029   26829   2024    .073
2119-       CONROD  2072711 25021   25025   2024    .144
2120-       CONROD  2072712 25025   25029   2024    .144
2121-       CONROD  2072713 26821   26825   2024    .144
2122-       CONROD  2072714 26825   26829   2024    .144
2123-       CONROD  2076501 26821   29921   2024    .019
2124-       CONROD  2076502 26825   29925   2024    .065
2125-       CONROD  2076503 26825   29925   2024    .065
2126-       CONROD  2076504 26829   29929   2024    .013
2127-       CONROD  2076511 26821   26825   2024    .111
2128-       CONROD  2076512 26825   26829   2024    .111
2129-       CONROD  2076513 29921   29925   2024    .111
2130-       CONROD  2076514 29925   29929   2024    .111
2131-       CONROD  2077701 9343    11543   2024    .034
2132-       CONROD  2077702 11543   13843   2024    .031
2133-       CONROD  2077703 13843   14843   2024    .029
2134-       CONROD  2077704 9347    11547   2024    .034
2135-       CONROD  2077705 11547   13847   2024    .031
2136-       CONROD  2077706 13847   14847   2024    .029
2137-       CONROD  2077707 9343    9347    2024    .150
2138-       CONROD  2077708 11543   11547   2024    .150
2139-       CONROD  2077709 11543   11547   2024    .175
2140-       CONROD  2077710 13843   13847   2024    .175
2141-       CONROD  2077711 13843   13847   2024    .063
2142-       CONROD  2077712 14843   14847   2024    .063
2143-       CONROD  2078101 25021   26821   2024    .040
2144-       CONROD  2078102 25025   26825   2024    .118
2145-       CONROD  2078103 25025   26825   2024    .118
2146-       CONROD  2078104 25029   26829   2024    .040
2147-       CONROD  2078111 25021   25025   2024    .090
2148-       CONROD  2078112 25025   25029   2024    .090
2149-       CONROD  2078113 26821   26825   2024    .090
2150-       CONROD  2078114 25825   26829   2024    .090
2151-       CONROD  2078701 26821   29921   2024    .063
2152-       CONROD  2078702 26825   29925   2024    .141
2153-       CONROD  2078703 26825   29925   2024    .141
2154-       CONROD  2078704 26829   29929   2024    .063
2155-       CONROD  2078711 26821   26825   2024    .248
2156-       CONROD  2078712 26825   26829   2024    .248
2157-       CONROD  2078713 29921   29925   2024    .248
2158-       CONROD  2078714 29925   29929   2024    .248
2159-       CONROD  2080231 16483   18683   7075    .475
2160-       CONROD  2080232 16487   18687   7075    .475
2161-       CONROD  2081101 14887   16487   2024    .016
2162-       CONROD  2081102 14889   16489   2024    .016
2163-       CONROD  2081103 14887   14889   2024    .036
2164-       CONROD  2081104 16487   16489   2024    .036
2165-       CONROD  2081301 16481   18681   2024    .014
2166-       CONROD  2081302 16483   18683   2024    .014
2167-       CONROD  2081303 16483   18683   2024    .050
2168-       CONROD  2081304 16485   18685   2024    .050
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2169-	CONROD	20[illegible]1305	16485	18685	2024	.050
2170-	CONROD	2081306	16487	18687	2024	.050
2171-	CONROD	2081307	16487	18687	2024	.014
2172-	CONROD	2081308	16489	18689	2024	.014
2173-	CONROD	2081309	16481	16483	2024	.075
2174-	CONROD	2081310	16483	16485	2024	.075
2175-	CONROD	2081311	16485	16487	2024	.075
2176-	CONROD	2081312	16487	16489	2024	.075
2177-	CONROD	2081313	18681	18683	2024	.075
2178-	CONROD	2081314	18683	18685	2024	.075
2179-	CONROD	2081315	18685	18687	2024	.075
2180-	CONROD	2081316	18687	18689	2024	.075
2181-	CONROD	2084501	14881	16481	2024	.045
2182-	CONROD	2084502	16481	18681	2024	.045
2183-	CONROD	2084511	14889	16489	2024	.044
2184-	CONROD	2084512	16489	18689	2024	.045
2185-	CONROD	2084521	14881	14883	2024	.078
2186-	CONROD	2084522	14883	14887	2024	.078
2187-	CONROD	2084523	14887	14889	2024	.078
2188-	CONROD	2084531	16481	16483	2024	.090
2189-	CONROD	2084532	16483	16485	2024	.090
2190-	CONROD	2084533	16485	16487	2024	.090
2191-	CONROD	2084534	16487	16489	2024	.090
2192-	CONROD	2084541	18681	18683	2024	.054
2193-	CONROD	2084542	18683	18685	2024	.054
2194-	CONROD	2084543	18685	18687	2024	.054
2195-	CONROD	2084544	18687	18689	2024	.054
2196-	CONROD	2087901	14881	16481	2024	.047
2197-	CONROD	2087902	14883	16483	2024	.047
2198-	CONROD	2087903	14887	16487	2024	.047
2199-	CONROD	2087904	14889	16489	2024	.047
2200-	CONROD	2087905	14881	14883	2024	.093
2201-	CONROD	2087906	14887	14889	2024	.093
2202-	CONROD	2087907	16481	16483	2024	.093
2203-	CONROD	2087908	16487	16489	2024	.093
2204-	CONROD	2087921	18681	18681	2024	.040
2205-	CONROD	2087922	18683	18683	2024	.040
2206-	CONROD	2087923	18683	18683	2024	.062
2207-	CONROD	2087924	18685	18685	2024	.062
2208-	CONROD	2087925	18685	18685	2024	.062
2209-	CONROD	2087926	18687	18687	2024	.062
2210-	CONROD	2087927	18687	18687	2024	.040
2211-	CONROD	2087928	18689	18689	2024	.040
2212-	CONROD	2087929	18681	16483	2024	.175
2213-	CONROD	2087930	16483	16485	2024	.175
2214-	CONROD	2087931	16485	16487	2024	.175
2215-	CONROD	2087932	16487	16489	2024	.175
2216-	CONROD	2087933	18681	18683	2024	.175
2217-	CONROD	2087934	18683	18685	2024	.175
2218-	CONROD	2087935	18685	18687	2024	.175
2219-	CONROD	2087936	18687	18689	2024	.175
2220-	CONROD	2090051	25061	26861	7075	.036
2221-	CONROD	2090052	25065	26865	7075	.036
2222-	CONROD	2090053	25065	26865	7075	.025
2223-	CONROD	2090054	25069	26869	7075	.025
2224-	CONROD	2090055	25061	25065	7075	.283
2225-	CONROD	2090056	25065	25069	7075	.283
2226-	CONROD	2090057	26861	26865	7075	.258
2227-	CONROD	2090058	26865	26869	7075	.258
2228-	CONROD	2090411	25061	25065	2024	.408
2229-	CONROD	2090412	25065	25069	2024	.408
2230-	CONROD	2090431	26861	26865	2024	.273
2231-	CONROD	2090432	26865	26869	2024	.273
2232-	CONROD	2091011	25065	26865	2024	.049
2233-	CONROD	2091012	25069	26869	2024	.049
2234-	CONROD	2091031	25061	26861	2024	.371

2235-	CONROD	2091032	25065	26865	2024	.071
2236-	CONROD	2091270	21361	25061	7075	.038
2237-	CONROD	2091271	21367	25069	7075	.094
2238-	CONROD	2091272	21361	21363	7075	.168
2239-	CONROD	2091273	21363	21364	7075	.168
2240-	CONROD	2091274	21364	21366	7075	.168
2241-	CONROD	2091275	21366	21367	7075	.168
2242-	CONROD	2091276	25061	25065	7075	.051
2243-	CONROD	2091277	25065	25069	7075	.051
2244-	CONROD	2091281	26861	29961	7075	.031
2245-	CONROD	2091282	26869	29969	7075	.047
2246-	CONROD	2091283	26861	26865	7075	.054
2247-	CONROD	2091284	26865	26869	7075	.054
2248-	CONROD	2091285	29961	29965	7075	.036
2249-	CONROD	2091286	29965	29969	7075	.036
2250-	CONROD	2092501	21363	25061	9046	.068
2251-	CONROD	2092502	21364	25065	9046	.068
2252-	CONROD	2092503	21366	25065	9046	.064
2253-	CONROD	2092504	21367	25069	9046	.064
2254-	CONROD	2092511	21363	21364	9046	.287
2255-	CONROD	2092512	21366	21367	9046	.287
2256-	CONROD	2092513	25061	25065	9046	.287
2257-	CONROD	2092514	25065	25069	9046	.287
2258-	CONROD	2092521	25061	26861	9046	.079
2259-	CONROD	2092522	25065	26865	9046	.165
2260-	CONROD	2092523	25065	26865	9046	.165
2261-	CONROD	2092524	25069	26869	9046	.079
2262-	CONROD	2092531	25061	25065	9046	.146
2263-	CONROD	2092532	25065	25069	9046	.146
2264-	CONROD	2092533	26861	26865	9046	.146
2265-	CONROD	2092534	26865	26869	9046	.146
2266-	CONROD	2092541	26861	29961	9046	.069
2267-	CONROD	2092542	26865	29965	9046	.145
2268-	CONROD	2092543	26865	29965	9046	.145
2269-	CONROD	2092544	26869	29969	9046	.069
2270-	CONROD	2092551	26861	26865	9046	.242
2271-	CONROD	2092552	26865	26869	9046	.242
2272-	CONROD	2092553	29961	29965	9046	.242
2273-	CONROD	2092554	29965	29969	9046	.242
2274-	CONROD	2092701	25061	26861	9046	.060
2275-	CONROD	2092702	25065	26865	9046	.124
2276-	CONROD	2092703	25065	26865	9046	.124
2277-	CONROD	2092704	25069	26869	9046	.060
2278-	CONROD	2092711	25061	25065	9046	.110
2279-	CONROD	2092712	25065	25069	9046	.110
2280-	CONROD	2092713	26861	26865	9046	.110
2281-	CONROD	2092714	26865	26869	9046	.110
2282-	CONROD	2092901	21363	25061	76	.085
2283-	CONROD	2092902	21364	25065	76	.085
2284-	CONROD	2092903	21366	25065	76	.080
2285-	CONROD	2092904	21367	25069	76	.080
2286-	CONROD	2092911	21363	21364	76	.359
2287-	CONROD	2092912	21366	21367	76	.359
2288-	CONROD	2092913	25061	25065	76	.359
2289-	CONROD	2092914	25065	25069	76	.359
2290	CONROD	2092921	25061	26861	76	.099
2291-	CONROD	2092922	25065	26865	76	.207
2292-	CONROD	2092923	25065	26865	76	.207
2293-	CONROD	2092924	25069	26869	76	.099
2294-	CONROD	2092931	25061	25065	76	.183
2295-	CONROD	2092932	25065	25069	76	.183
2296-	CONROD	2092933	26861	26865	76	.183
2297-	CONROD	2092934	26865	26869	76	.183
2298-	CONROD	2092941	26861	29961	76	.086
2299-	CONROD	2092942	26865	29965	76	.181
2300-	CONROD	2092943	26865	29965	76	.181

2301-	CONROD	2092944	26869	29969	76	.086
2302-	CONROD	2092951	26861	26865	76	.303
2303-	CONROD	2092952	26865	26869	76	.303
2304-	CONROD	2092953	29961	29965	76	.303
2305-	CONROD	2092954	29965	29969	76	.303
2306-	CONROD	2100451	6169	7069	7075	.055
2307-	CONROD	2100452	7069	8569	7075	.054
2308-	CONROD	2100453	8569	9369	7075	.054
2309-	CONROD	2100551	9369	11569	7075	.054
2310-	CONROD	2100552	11569	13869	7075	.054
2311-	CONROD	2100553	13869	14869	7075	.064
2312-	CONROD	2100711	14869	18669	7075	.119
2313-	CONROD	2108901	6167	7067	2024	.084
2314-	CONROD	2108902	7067	8567	2024	.098
2315-	CONROD	2108903	8567	9367	2024	.113
2316-	CONROD	2108904	9367	11567	2024	.120
2317-	CONROD	2108905	11567	13867	2024	.121
2318-	CONROD	2108906	13867	14867	2024	.121
2319-	CONROD	2108907	6169	7069	2024	.084
2320-	CONROD	2108908	7069	9569	2024	.098
2321-	CONROD	2108909	8569	9369	2024	.113
2322-	CONROD	2108910	9369	11569	2024	.120
2323-	CONROD	2108911	11569	13869	2024	.121
2324-	CONROD	2108912	13869	14869	2024	.121
2325-	CONROD	2108913	6167	6169	2024	.153
2326-	CONROD	2108914	7067	7069	2024	.153
2327-	CONROD	2108915	7067	7069	2024	.232
2328-	CONROD	2108916	8567	8569	2024	.232
2329-	CONROD	2108917	8567	8569	2024	.190
2330-	CONROD	2108918	9367	9369	2024	.190
2331-	CONROD	2108919	9367	9369	2024	.295
2332-	CONROD	2108920	11567	11569	2024	.295
2333-	CONROD	2108921	11567	11569	2024	.267
2334-	CONROD	2108922	13867	13869	2024	.267
2335-	CONROD	2108923	13867	13869	2024	.260
2336-	CONROD	2108924	14867	14869	2024	.260
2337-	CONROD	2110101	4633	6131	7075	.059
2338-	CONROD	2110102	6131	7031	7075	.187
2339-	CONROD	2110103	7031	8531	7075	.189
2340-	CONROD	2110104	8531	9331	7075	.193
2341-	CONROD	2110105	9331	11531	7075	.243
2342-	CONROD	2110106	11531	13831	7075	.248
2343-	CONROD	2110107	13831	14831	7075	.174
2344-	CONROD	2110501	9337	11537	2024	.109
2345-	CONROD	2110502	11537	13837	2024	.109
2346-	CONROD	2110503	13837	14837	2024	.109
2347-	CONROD	2110504	9339	11539	2024	.109
2348-	CONROD	2110505	11539	13839	2024	.109
2349-	CONROD	2110506	13839	14839	2024	.109
2350-	CONROD	2110507	9337	9339	2024	.361
2351-	CONROD	2110508	11537	11539	2024	.361
2352-	CONROD	2110509	11537	11539	2024	.370
2353-	CONROD	2110510	13837	13839	2024	.370
2354-	CONROD	2110511	13837	13839	2024	.157
2355-	CONROD	2110512	14837	14839	2024	.157
2356-	CONROD	2110531	4637	6139	7075	.059
2357-	CONROD	2110532	6139	7039	7075	.187
2358-	CONROD	2110533	7039	8539	7075	.190
2359-	CONROD	2110534	8539	9339	7075	.193
2360-	CONROD	2110535	9339	11539	7075	.243
2361-	CONROD	2110536	11539	13839	7075	.247
2362-	CONROD	2110537	13839	14839	7075	.166
2363-	CONROD	2110701	9331	11531	2024	.109
2364-	CONROD	2110702	11531	13831	2024	.109
2365-	CONROD	2110703	13831	14831	2024	.109
2366-	CONROD	2110704	9333	11533	2024	.109

2367-	CONROD	2110705	11533	13833	2024	.109
2368-	CONROD	2110706	13833	14833	2024	.109
2369-	CONROD	2110707	9331	9333	2024	.361
2370-	CONROD	2110708	11531	11533	2024	.361
2371-	CONROD	2110709	11531	11533	2024	.370
2372-	CONROD	2110710	13831	13833	2024	.370
2373-	CONROD	2110711	13831	13833	2024	.157
2374-	CONROD	2110712	14831	14833	2024	.157
2375-	CONROD	2120101	13823	14823	2024	.133
2376-	CONROD	2120102	13827	14827	2024	.133
2377-	CONROD	2120103	13823	13827	2024	.392
2378-	CONROD	2120104	14823	14827	2024	.392
2379-	CONROD	2132123	21321	21323	7075	.302
2380-	CONROD	2132141	21321	21341	7075	.309
2381-	CONROD	2132325	21323	21325	7075	.302
2382-	CONROD	2132527	21325	21327	7075	.302
2383-	CONROD	2132729	21327	21329	7075	.302
2384-	CONROD	2132949	21329	21349	7075	.309
2385-	CONROD	2134143	21341	21343	7075	.131
2386-	CONROD	2134161	21341	21361	7075	.182
2387-	CONROD	2134345	21343	21345	7075	.131
2388-	CONROD	2134547	21345	21347	7075	.131
2389-	CONROD	2134749	21347	21349	7075	.131
2390-	CONROD	2134969	21349	21369	7075	.182
2391-	CONROD	2136163	21361	21363	2024	.101
2392-	CONROD	2136364	21363	21364	2024	.101
2393-	CONROD	2136466	21364	21366	2024	.101
2394-	CONROD	2136667	21366	21367	2024	.101
2395-	CONROD	2136769	21367	21369	2024	.101
2396-	CONROD	2170091	9337	11537	2024	.052
2397-	CONROD	2170092	11537	13837	2024	.052
2398-	CONROD	2170101	9333	11533	2024	.052
2399-	CONROD	2170102	11533	13833	2024	.052
2400-	CONROD	2170171	9333	11533	2024	.027
2401-	CONROD	2170172	11533	13833	2024	.027
2402-	CONROD	2170191	9333	9337	2024	.032
2403-	CONROD	2170271	13833	13837	2024	.032
2404-	CONROD	2170291	9337	11537	2024	.027
2405-	CONROD	2170292	11537	13837	2024	.027
2406-	CONROD	2171101	9333	11533	2024	.053
2407-	CONROD	2171102	11533	13833	2024	.053
2408-	CONROD	2171103	9337	11537	2024	.053
2409-	CONROD	2171104	11537	13837	2024	.053
2410-	CONROD	2171105	9333	9337	2024	.109
2411-	CONROD	2171106	11533	11537	2024	.109
2412-	CONROD	2171107	11533	11537	2024	.183
2413-	CONROD	2171108	13833	13837	2024	.183
2414-	CONROD	2173301	9333	11533	2024	.028
2415-	CONROD	2173302	11533	13833	2024	.028
2416-	CONROD	2173303	9337	11537	2024	.028
2417-	CONROD	2173304	11537	13837	2024	.028
2418-	CONROD	2173305	9333	9337	2024	.075
2419-	CONROD	2173306	11533	11537	2024	.075
2420-	CONROD	2173307	11533	11537	2024	.131
2421-	CONROD	2173308	13833	13837	2024	.131
2422-	CONROD	2190271	9313	9317	2024	.046
2423-	CONROD	2190311	9313	11503	2024	.196
2424-	CONROD	2190312	11503	13803	2024	.196
2425-	CONROD	2190313	9317	11507	2024	.196
2426-	CONROD	2190314	11507	13807	2024	.196
2427-	CONROD	2190431	13803	13807	2024	.047
2428-	CONROD	2191501	9313	9317	2024	.233
2429-	CONROD	2191502	11503	11507	2024	.233
2430-	CONROD	2191503	9313	11503	2024	.186
2431-	CONROD	2191504	9317	11507	2024	.186
2432-	CONROD	2191505	11503	11507	2024	.238

2433-	CONROD	2191506	13803	13807	2024	.246
2434-	CONROD	2191507	11503	13803	2024	.186
2435-	CONROD	2191508	11507	13807	2024	.186
2436-	CONROD	2191901	9313	9317	2024	.272
2437-	CONROD	2191902	11503	11507	2024	.272
2438-	CONROD	2191903	9313	11503	2024	.044
2439-	CONROD	2191904	9317	11507	2024	.044
2440-	CONROD	2191905	11503	11507	2024	.279
2441-	CONROD	2191906	13803	13807	2024	.279
2442-	CONROD	2191907	11503	13803	2024	.044
2443-	CONROD	2191908	11507	13807	2024	.044
2444-	CONROD	2200101	13801	14801	2024	.074
2445-	CONROD	2200102	13803	14803	2024	.074
2446-	CONROD	2200103	13801	13803	2024	.123
2447-	CONROD	2200104	14801	14803	2024	.123
2448-	CONROD	2200111	13803	14803	2024	.250
2449-	CONROD	2200112	13807	14807	2024	.250
2450-	CONROD	2200113	13803	13807	2024	.123
2451-	CONROD	2200114	14803	14807	2024	.123
2452-	CONROD	2200121	13807	14807	2024	.074
2453-	CONROD	2200122	13809	14809	2024	.074
2454-	CONROD	2200123	13807	13809	2024	.123
2455-	CONROD	2200124	14807	14809	2024	.123
2456-	CONROD	2200301	22707	25007	2024	.079
2457-	CONROD	2200302	22709	25009	2024	.079
2458-	CONROD	2200303	22707	22709	2024	.280
2459-	CONROD	2200304	25007	25009	2024	.280
2460-	CONROD	2200311	22709	25009	2024	.097
2461-	CONROD	2200312	22729	25029	2024	.097
2462-	CONROD	2200313	22709	22729	2024	.280
2463-	CONROD	2200314	25009	25029	2024	.280
2464-	CONROD	2200431	13809	14809	2024	.046
2465-	CONROD	2200441	13801	14801	2024	.046
2466-	CONROD	2200551	15607	18607	7075	.117
2467-	CONROD	2200561	15603	18603	7075	.117
2468-	CONROD	2200571	22707	25007	7075	.117
2469-	CONROD	2200581	22703	25003	7075	.117
2470-	CONROD	2200591	18607	21807	7075	.117
2471-	CONROD	2200601	18603	21803	7075	.117
2472-	CONROD	2201151	25003	25007	7075	.119
2473-	CONROD	2201171	25003	26801	7075	.116
2474-	CONROD	2201191	25007	26809	7075	.116
2475-	CONROD	2206101	13809	14809	2024	.131
2476-	CONROD	2206102	13829	14829	2024	.131
2477-	CONROD	2206103	13809	13829	2024	.157
2478-	CONROD	2206104	14809	14829	2024	.157
2479-	CONROD	2206201	13821	14821	2024	.131
2480-	CONROD	2206202	13801	14801	2024	.131
2481-	CONROD	2206203	13821	13801	2024	.157
2482-	CONROD	2206204	14821	14801	2024	.157
2483-	CONROD	2206701	22721	25021	2024	.097
2484-	CONROD	2206702	22701	25001	2024	.097
2485-	CONROD	2206703	22721	22701	2024	.280
2486-	CONROD	2206704	25021	25001	2024	.280
2487-	CONROD	2206711	22701	25001	2024	.064
2488-	CONROD	2206712	22703	25003	2024	.064
2489-	CONROD	2206713	22701	22703	2024	.280
2490-	CONROD	2206714	25001	25003	2024	.280
2491-	CONROD	2207101	18607	21807	2024	.077
2492-	CONROD	2207102	18609	21809	2024	.077
2493-	CONROD	2207103	18607	18609	2024	.409
2494-	CONROD	2207104	21807	21809	2024	.409
2495-	CONROD	2207111	18609	21809	2024	.092
2496-	CONROD	2207112	18629	21329	2024	.092
2497-	CONROD	2207113	18609	18629	2024	.378
2498-	CONROD	2207114	21809	21329	2024	.378

2499-	CONROD	2207201	18621	21321	2024	.092
2500-	CONROD	2207202	18601	21801	2024	.092
2501-	CONROD	2207203	18621	18601	2024	.378
2502-	CONROD	2207204	21321	21401	2024	.378
2503-	CONROD	2207211	18601	21801	2024	.077
2504-	CONROD	2207212	18603	21803	2024	.077
2505-	CONROD	2207213	18601	18603	2024	.409
2506-	CONROD	2207214	21801	21803	2024	.409
2507-	CONROD	2207701	15621	[illegible]	2024	.089
2508-	CONROD	2207702	15601	18601	2024	.089
2509-	CONROD	2207703	15621	15601	2024	.373
2510-	CONROD	2207704	18621	18601	2024	.373
2511-	CONROD	2207711	15601	18601	2024	.083
2512-	CONROD	2207712	15603	18603	2024	.083
2513-	CONROD	2207713	15601	15603	2024	.373
2514-	CONROD	2207714	18601	18603	2024	.373
2515-	CONROD	2207721	15603	18603	2024	.241
2516-	CONROD	2207722	15607	15607	2024	.241
2517-	CONROD	2207723	15603	15607	2024	.373
2518-	CONROD	2207724	18603	18607	2024	.373
2519-	CONROD	2207731	15607	15607	2024	.083
2520-	CONROD	2207732	15609	15609	2024	.083
2521-	CONROD	2207733	15607	15609	2024	.373
2522-	CONROD	2207734	18607	18609	2024	.373
2523-	CONROD	2207741	15609	18609	2024	.089
2524-	CONROD	2207742	15629	18629	2024	.089
2525-	CONROD	2207743	15609	15629	2024	.373
2526-	CONROD	2207744	18609	18629	2024	.373
2527-	CONROD	2360031	9333	9337	7075	.108
2528-	CONROD	2500103	25001	25003	2024	.039
2529-	CONROD	2500171	6161	7061	7075	.054
2530-	CONROD	2500172	7061	8561	7075	.054
2531-	CONROD	2500173	8561	9361	7075	.054
2532-	CONROD	2500307	25003	25007	2024	.039
2533-	CONROD	2500709	25007	25009	2024	.039
2534-	CONROD	2500911	9361	11561	7075	.053
2535-	CONROD	2500912	11561	13861	7075	.050
2536-	CONROD	2500913	13861	14861	7075	.067
2537-	CONROD	2500929	25009	25029	2024	.039
2538-	CONROD	2501711	14861	18661	7075	.104
2539-	CONROD	2502101	25001	25021	2024	.039
2540-	CONROD	2502125	25021	25025	7075	.299
2541-	CONROD	2502141	25021	25041	7075	.266
2542-	CONROD	2502529	25025	25029	7075	.299
2543-	CONROD	2502949	25029	25049	7075	.266
2544-	CONROD	2504161	25041	25061	7075	.266
2545-	CONROD	2504969	25049	25069	7075	.266
2546-	CONROD	2506165	25061	25065	7075	.489
2547-	CONROD	2506569	25065	25069	7075	.489
2548-	CONROD	2507701	6161	7061	2024	.084
2549-	CONROD	2507702	7061	8561	2024	.098
2550-	CONROD	2507703	8561	9361	2024	.113
2551-	CONROD	2507704	9361	11561	2024	.120
2552-	CONROD	2507705	11561	13861	2024	.121
2553-	CONROD	2507706	13861	14861	2024	.121
2554-	CONROD	2507707	6163	7063	2024	.084
2555-	CONROD	2507708	7063	8563	2024	.098
2556-	CONROD	2507709	8563	9363	2024	.113
2557-	CONROD	2507710	9363	11563	2024	.120
2558-	CONROD	2507711	11563	13863	2024	.121
2559-	CONROD	2507712	13863	14863	2024	.121
2560-	CONROD	2507713	6161	6163	2024	.153
2561-	CONROD	2507714	7061	7063	2024	.153
2562-	CONROD	2507715	7061	7063	2024	.232
2563-	CONROD	2507716	8561	8563	2024	.232
2564-	CONROD	2507717	8561	8563	2024	.190

2565-	CONR00	2507718	9361	9361	2024	.190
2566-	CONR00	2507719	9361	9361	2024	.295
2567-	CONR00	2507720	11561	11561	2024	.295
2568-	CONR00	2507721	11561	11561	2024	.370
2569-	CONR00	2507722	13861	13861	2024	.370
2570-	CONR00	2507723	13861	13861	2024	.157
2571-	CONR00	2507724	14861	14861	2024	.157
2572-	CONR00	2510021	7033	7041	2024	.585
2573-	CONR00	2510022	7037	7047	2024	.569
2574-	CONR00	2570101	18603	21803	2024	.215
2575-	CONR00	2570102	18607	21807	2024	.215
2576-	CONR00	2570103	18603	18607	2024	.393
2577-	CONR00	2570104	21803	21807	2024	.393
2578-	CONR00	2590101	22703	25003	2024	.172
2579-	CONR00	2590102	22707	25007	2024	.172
2580-	CONR00	2590103	22703	22707	2024	.269
2581-	CONR00	2590104	25303	25007	2024	.269
2582-	CONR00	2682125	26821	26825	2024	.225
2583-	CONR00	2682141	26821	26841	2024	.072
2584-	CONR00	2682529	26825	26829	2024	.225
2585-	CONR00	2682949	26829	26849	2024	.072
2586-	CONR00	2684161	26841	26861	2024	.072
2587-	CONR00	2684969	26849	26869	2024	.072
2588-	CONR00	2686165	2686.	26865	2024	.446
2589-	CONR00	2686569	268	26869	2024	.446
2590-	CONR00	2992125	29	29925	7075	.285
2591-	CONR00	2992141	299	29941	7075	.335
2592-	CONR00	2992529	29925	29929	7075	.285
2593-	CONR00	2992949	29929	29949	7075	.605
2594-	CONR00	2994161	29941	9961	7075	.335
2595-	CONR00	2994969	29949	29969	7075	.335
2596-	CONR00	2996165	29961	29965	7075	.480
2597-	CONR00	2996569	29965	29969	7075	.480
2598-	CONR00	3790101	14861	18661	2024	.121
2599-	CONR00	3790102	18481	18681	2024	.121
2600-	CONR00	3790103	14861	16481	2024	.315
2601-	CONR00	3790104	18661	18681	2024	.315
2602-	CONR00	5003091	6169	7079	7075	.191
2603-	CONR00	5003092	7079	8579	7075	.192
2604-	CONR00	5003093	8579	9379	7075	.193
2605-	CONR00	5003094	9379	11579	7075	.206
2606-	CONR00	5003095	11579	13879	7075	.208
2607-	CONR00	5003096	13879	14889	7075	.205
2608	CONR00	5003111	6161	7071	7075	.234
2609-	CONR00	5003112	7071	8571	7075	.230
2610-	CONR00	5003113	8571	9371	7075	.227
2611-	CONR00	5003114	9371	11571	7075	.213
2612-	CONR00	5003115	11571	13871	7075	.201
2613-	CONR00	5003116	13871	14881	7075	.200
2614-	CONR00	5810251	3339	4639	2024	.054
2615-	CONR00	5810351	3331	4631	2024	.054
2616-	CONR00	5850751	3341	3331	2024	.035
2617-	CONR00	5850752	3331	3339	2024	.035
2618-	CONR00	5850753	3339	3349	2024	.035
2619-	CONR00	5850754	3349	3341	2024	.035
2620-	CONR00	5850771	3331	4631	2024	.057
2621-	CONR00	5850772	3339	4639	2024	.057
2622-	CONR00	5850793	4633	6131	2024	.0585
2623-	CONR00	5850791	4637	6139	2024	.0585
2624-	CONR00	5850792	6161	6141	2024	.034
2625-	CONR00	5850793	6141	6131	2024	.034
2626-	CONR00	5850794	6131	6123	2024	.034
2627-	CONR00	5850795	6123	6127	2024	.034
2628-	CONR00	5850796	6127	6139	2024	.034
2629-	CONR00	5850797	6139	6149	2024	.034
2630-	CONR00	5850798	6149	6169	2024	.034

2631-	CONROD	5850811	4661	4641	2024	.053	
2632-	CONROD	5850812	4641	4631	2024	.0	
2633-	CONROD	5850813	4631	4639	2024	.0.	
2634-	CONROD	5850814	4633	4637	2024	.05.	
2635-	CONROD	5850815	4637	4639	2024	.053	
2636-	CONROD	5850816	4639	4649	2024	.053	
2637-	CONROD	5850817	4649	4669	2024	.053	
2638-	CONROD	5850818	4669	4661	2024	.053	
2639-	CONROD	5850851	4641	6161	2024	.053	
2640-	CONROD	5850852	4649	6169	2024	.053	
2641-	CONROD	5850871	6179	6171	2024	.044	
2642-	CONROD	5850872	6171	6161	2024	.044	
2643-	CONROD	5850873	6169	6179	2024	.044	
2644-	CONROD	6222811	62211	62811	2014	.43811	
2645-	CONROD	6222812	62213	62811	2014	.1875	WEB
2646-	CONROD	6222818	62217	62819	2014	.1875	WEB
2647-	CONROD	6222819	62219	62819	2014	.43668	
2648-	CONROD	6222822	62224	62821	2014	.21559	WEB
2649-	CONROD	6222828	62226	62829	2014	.21559	WEB
2650-	CONROD	6222832	62231	62831	2014	.02598	WEB
2651-	CONROD	6222838	62239	62839	2014	.02598	WEB
2652-	CONROD	6283411	62811	63411	2014	.41152	CAP
2653-	CONROD	6283412	62811	63411	2014	.19325	WEB
2654-	CONROD	6283418	62819	63419	2014	.19325	WEB
2655-	CONROD	6283419	62819	63419	2014	.40783	CAP
2656-	CONROD	6283421	62821	63421	2014	1.24010	CAP
2657-	CONROD	6283422	62821	63421	2014	.26034	WEB
2658-	CONROD	6283428	62829	63429	2014	.26034	WEB
2659-	CONROD	6283429	62829	63429	2014	1.23620	CAP
2660-	CONROD	6283431	62831	63431	2014	.10275	CAP
2661-	CONROD	6283432	62831	63431	2014	.02788	WEB
2662-	CONROD	6283438	62839	63439	2014	.02788	WEB
2663-	CONROD	6283439	62839	63439	2014	.15381	CAP
2664-	CONROD	6344211	63411	64211	2014	.40701	CAP
2665-	CONROD	6344212	63411	64211	2014	.17038	WEB
2666-	CONROD	6344218	63419	64219	2014	.17038	WEB
2667-	CONROD	6344219	63419	64219	2014	.40412	CAP
2668-	CONROD	6344221	63421	64221	2014	.94412	CAP
2669-	CONROD	6344222	63421	64221	2014	.23200	WEB
2670-	CONROD	6344228	63429	64229	2014	.23200	WEB
2671-	CONROD	6344229	63429	64229	2014	.96586	CAP
2672-	CONROD	6344231	63431	64231	2014	.10213	CAP
2673-	CONROD	6344232	63431	64231	2014	.02642	WEB
2674	CONROD	6344238	63439	64239	2014	.02642	WEB
2675-	CONROD	6344239	63439	64239	2014	.15210	CAP
2676-	CONROD	6425011	64211	65011	2014	.40060	CAP
2677-	CONROD	6425012	64214	65011	2014	.144	WEB
2678-	CONROD	6425018	64219	65019	2014	.144	WEB
2679-	CONROD	6425019	64219	65019	2014	.39860	CAP
2680-	CONROD	6425021	64221	65021	2014	.5w055	CAP
2681-	CONROD	6425022	64221	65021	2014	.20207	WEB
2682-	CONROD	6425028	64229	65029	2014	.20207	WEB
2683-	CONROD	6425029	64229	65029	2014	.53473	CAP
2684-	CONROD	6425031	64231	65031	2014	.10110	CAP
2685-	CONROD	6425032	64231	65031	2014	.02482	WEB
2686-	CONROD	6425038	64239	65039	2014	.02482	WEB
2687-	CONROD	6425039	64239	65039	2014	.15044	CAP
2688-	CONROD	6505911	65011	65911	2014	.39246	CAP
2689-	CONROD	6505912	65011	65911	2014	.118	WEB
2690-	CONROD	6505918	65019	65919	2014	.118	WEB
2691-	CONROD	6505919	65019	65919	2014	.39083	CAP
2692-	CONROD	6505921	65021	65921	2014	.43588	CAP
2693-	CONROD	6505922	65021	65921	2014	.17075	WEB
2694-	CONROD	6505928	65029	65929	2014	.17075	WEB
2695-	CONROD	6505929	65029	65929	2014	.44318	CAP
2696-	CONROD	6505931	65031	65931	2014	.10015	CAP

2697-	CONROD	6505931	65031	65931	2014	.02329	WEB
2698-	CONROD	6505939	65039	65939	2014	.02329	WEB
2699-	CONROD	6505939	65039	65939	2014	.14855	CAP
2700-	CONROD	7222811	72211	72811	2014	.43811	
2701-	CONROD	7222812	72213	72811	2014	.1875	WEB
2702-	CONROD	7222816	72217	72819	2014	.1875	WEB
2703-	CONROD	7222819	72219	72819	2014	.43668	
2704-	CONROD	7222822	72224	72821	2014	.21559	WEB
2705-	CONROD	7222828	72226	72829	2014	.21559	WEB
2706-	CONROD	7222832	72231	72831	2014	.02598	WEB
2707-	CONROD	7222838	72239	72839	2014	.02598	WEB
2708-	CONROD	7283411	72811	73411	2014	.41152	CAP
2709-	CONROD	7283412	72811	73411	2014	.19325	WEB
2710-	CONROD	7283418	72819	73419	2014	.19325	WEB
2711-	CONROD	7283419	72819	73419	2014	.40783	CAP
2712-	CONROD	7283421	72821	73421	2014	1.24010	CAP
2713-	CONROD	7283422	72821	73421	2014	.26034	WEB
2714-	CONROD	7283428	72829	73429	2014	.26034	WEB
2715-	CONROD	7283429	72929	73429	2014	1.23420	CAP
2716-	CONROD	7283431	72831	73431	2014	.10275	CAP
2717-	CONROD	7283432	72831	73431	2014	.02788	WEB
2718-	CONROD	7283438	72839	73439	2014	.02788	WEB
2719-	CONROD	7283439	72839	73439	2014	.15381	CAP
2720-	CONROD	7344211	73411	74211	2014	.40701	CAP
2721-	CONROD	7344212	73411	74211	2014	.17038	WEB
2722-	CONROD	7344218	73419	74219	2014	.17038	WEB
2723-	CONROD	7344219	73419	74219	2014	.40412	CAP
2724-	CONROD	7344221	73421	74221	2014	.94412	CAP
2725-	CONROD	7344222	73421	74221	2014	.23200	WEB
2726-	CONROD	7344228	73429	74221	2014	.23200	WEB
2727-	CONROD	7344229	73429	74229	2014	.96586	CAP
2728-	CONROD	7344231	73431	74231	2014	.10213	CAP
2729-	CONROD	7344232	73431	74231	2014	.02642	WEB
2730-	CONROD	7344238	73439	74239	2014	.02642	WEB
2731-	CONROD	7344239	73439	74239	2014	.15210	CAP
2732-	CONROD	7425011	74211	75011	2014	.40060	CAP
2733-	CONROD	7425012	74211	75011	2014	.144	WEB
2734-	CONROD	7425018	74219	75019	2014	.144	WEB
2735-	CONROD	7425019	74219	75019	2014	.39860	CAP
2736-	CONROD	7425021	74221	75021	2014	.50055	CAP
2737-	CONROD	7425022	74221	75021	2014	.20207	WEB
2738-	CONROD	7425028	74229	75029	2014	.20207	WEB
2739-	CONROD	7425029	74229	75029	2014	.53473	CAP
2740-	CONROD	7425031	74231	75031	2014	.10110	CAP
2741-	CONROD	7425032	74231	75031	2014	.02482	WEB
2742-	CONROD	7425038	74239	75039	2014	.02482	WEB
2743-	CONROD	7425039	74239	75039	2014	.15044	CAP
2744-	CONROD	7505911	75011	75911	2014	.39246	CAP
2745-	CONROD	7505912	75011	75911	2014	.118	WEB
2746-	CONROD	7505918	75019	75919	2014	.118	WEB
2747-	CONROD	7505919	75019	75919	2014	.39083	CAP
2748-	CONROD	7505921	75021	75921	2014	.43588	CAP
2749-	CONROD	7505922	75021	75921	2014	.17075	WEB
2750-	CONROD	7505928	75029	75929	2014	.17075	WEB
2751-	CONROD	7505929	75029	75929	2014	.44318	CAP
2752-	CONROD	7505931	75031	75931	2014	.10015	CAP
2753-	CONROD	7505932	75031	75931	2014	.02329	WEB
2754-	CONROD	7505938	75039	75939	2014	.02329	WEB
2755-	CONROD	7505939	75039	75939	2014	.14855	CAP
2756-	CORD1R	9373	9383	9373	11563		
2757-	CORD1R	9377	9337	9377	11567		
2758-	CORD1R	13849	13837	13867	14867		
2759-	CORD1R	13871	13861	13871	14881		
2760-	CORD1R	13879	13869	13879	14889		
2761-	CORD1R	15633	15623	15633	16621		
2762-	CORD1R	15637	15627	15637	16629		

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2763-        CORD1R  29945   29925   29965   31745
2764-        CORD2R  7071    0       70.79   15.72   61.84   68.86   15.72   71.84   C 7071
2765-        GC 7071  98.69   17.65   67.23
2766-        CORD2R  7079    0       70.79   -15.72  61.84   68.86   -15.72  71.84   C 7079
2767-        GC 7079  98.69   -17.65  67.23
2768-        CORD2R  8571    0       85.26   16.72   64.64   83.33   16.72   74.64   C 8571
2769-        GC 8571  98.69   17.65   67.23
2770-        CORD2R  8579    0       85.26   -16.72  64.64   83.33   -16.72  74.64   C 8579
2771-        GC 8579  98.69   -17.65  67.23
2772-        CORD2R  11571   0       114.04  17.65   70.19   112.11  17.65   80.19   C11571
2773-        GC11571 152.27   17.64   77.57
2774-        CORD2R  11579   0       114.04  -17.65  70.19   112.11  -17.65  80.19   C11579
2775-        GC11579 152.27   -17.64  77.57
2776-        CQDMEM  463137  252024  4631    4639    4637    4633
2777-        CQDMEM  463149  252024  4631    4641    4649    4639
2778-        CQDMEM  464169  252024  4641    4661    4669    4649
2779-        CQDMEM  612337  402024  6123    6133    6137    6127
2780-        CQDMEM  613143  402024  6131    6141    6143    6133
2781-        CQDMEM  613749  402024  6137    6147    6149    6139
2782-        CQDMEM  614163  402024  6141    6161    6163    6143
2783-        CQDMEM  614769  402024  6147    6167    6169    6149
2784-        CQDMEM  930317  252024  9303    9313    9317    9307
2785-        CQDMEM  931337  242024  9313    9333    9337    9317
2786-        CQDMEM  933143  657075  9331    9341    9343    9333
2787-        CQDMEM  934367  242024  9343    9363    9367    9347
2788-        CQDMEM  934769  402024  9347    9367    9369    9349
2789-        CQDMEM  936173  492024  9361    9371    9373    9363
2790-        CQDMEM  936377  242024  9363    9373    9377    9367
2791-        CQDMEM  936779  492024  9367    9377    9379    9369
2792-        CQDMEM  1380327 402024  13803   13823   13827   13807
2793-        CQDMEM  1382133 402024  13821   13831   13833   13823
2794-        CQDMEM  1382337 402024  13823   13833   13837   13827
2795-        CQDMEM  1382739 402024  13827   13837   13839   13829
2796-        CQDMEM  1383347 402024  13833   13843   13847   13837
2797-        CQDMEM  1383749 322024  13837   13848   13849   13839
2798-        CQDMEM  1384163 322024  13841   13861   13863   13843
2799-        CQDMEM  1384869 322024  13848   13867   13869   13849
2800-        CQDMEM  1480327 727075  14803   14823   14827   14807
2801-        CQDMEM  1482133 327075  14821   14831   14833   14823
2802-        CQDMEM  1482337 169046  14823   14833   14837   14827
2803-        CQDMEM  1482739 327075  14827   14837   14839   14829
2804-        CQDMEM  1483143 327075  14831   14841   14843   14833
2805-        CQDMEM  1483347 169046  14833   14843   14847   14837
2806-        CQDMEM  1483749 327075  14837   14847   14849   14839
2807-        CQDMEM  1484163 327075  14841   14861   14863   14843
2808-        CQDMEM  1484367 169046  14843   14863   14867   14847
2809-        CQDMEM  1484769 327075  14847   14867   14869   14849
2810-        CQDMEM  1486183 227075  14861   14881   14883   14863
2811-        CQDMEM  1486387 227075  14863   14883   14887   14867
2812-        CQDMEM  1486789 227075  14867   14987   14889   14869
2813-        CQDMEM  1862133 129046  18621   18631   18633   18623
2814-        CQDMEM  1862335 129046  18623   18633   18635   18625
2815-        CQDMEM  1862537 129046  18625   18635   18637   18627
2816-        CQDMEM  1862739 129046  18627   18637   18639   18629
2817-        CQDMEM  1863143 129046  18631   18642   18643   18633
2818-        CQDMEM  1863345 129046  18633   18644   18645   18635
2819-        CQDMEM  1863546 129046  18635   18645   18646   18637
2820-        CQDMEM  1863748 129046  18637   18647   18648   18639
2821-        CQDMEM  1864152 329046  18641   18651   18652   18642
2822-        CQDMEM  1864364 329046  18643   18663   18664   18644
2823-        CQDMEM  1864465 329046  18644   18664   18665   18645
2824-        CQDMEM  1864566 329046  18645   18665   18666   18646
2825-        CQDMEM  1864667 329046  18646   18666   18667   18647
2826-        CQDMEM  1864758 329046  18647   18667   18658   18653
2827-        CQDMEM  1864856 329046  18648   18653   18654   18649
2828-        CQDMEM  1865157 329046  18651   18656   18657   18652
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3414-	CTRMEM	2180123	252024	21801	21823	21803
3415-	CTRMEM	2180323	252024	21803	21823	21825
3416-	CTRMEM	2180325	252024	21803	21825	21807
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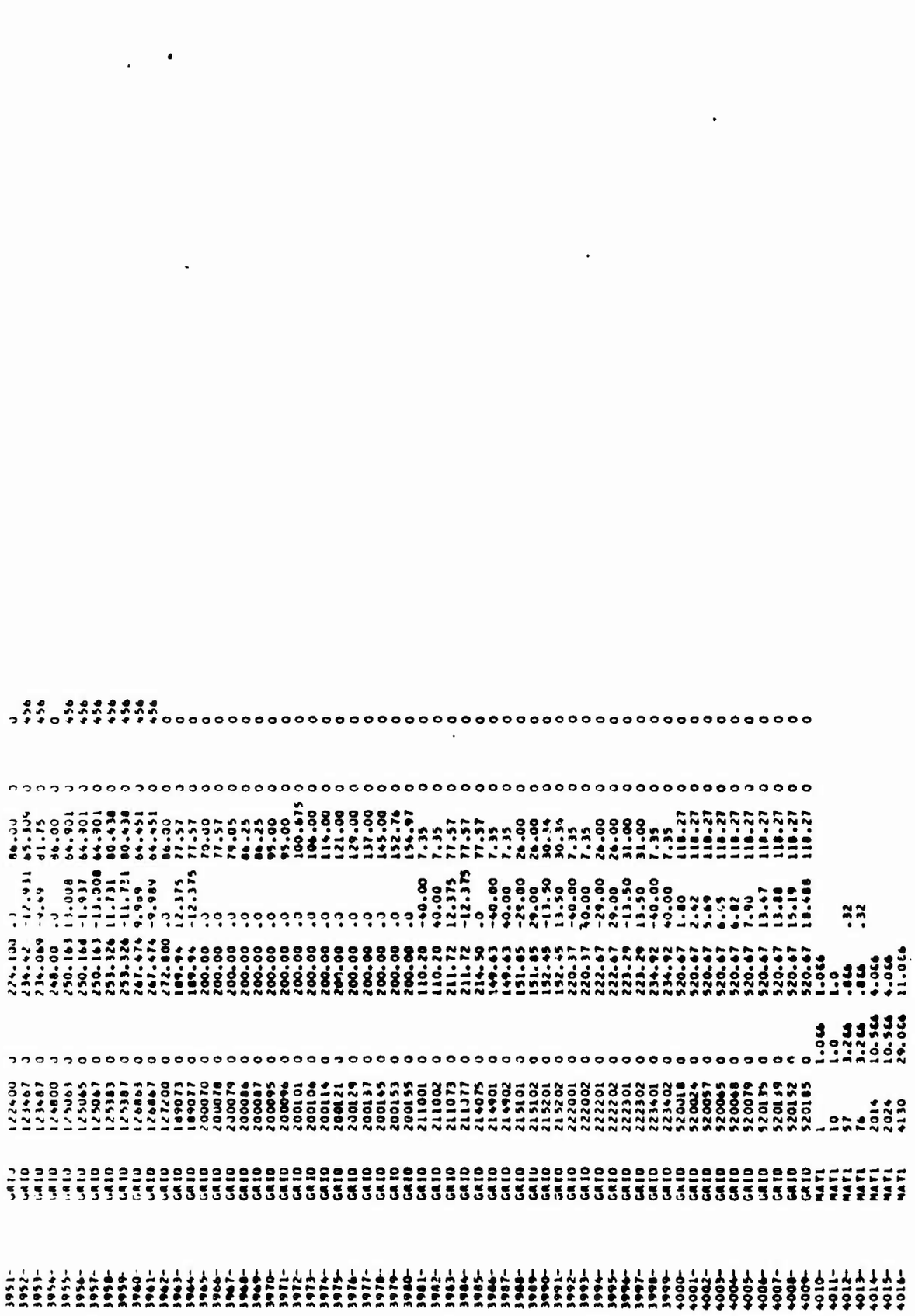
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3691-	GRID	18639	0	186.25	-17.70	46.00	0	456
3692-	GRID	18641	0	186.250	17.850	56.20	0	0
3693-	GRID	18642	0	186.250	15.850	56.20	0	0
3694-	GRID	18643	0	186.250	12.375	56.20	0	4
3695-	GRID	18644	0	186.250	5.790	56.20	0	45
3696-	GRID	18645	0	186.25	.0	56.20	0	45
3697-	GRID	18646	0	186.250	-5.790	56.20	0	45
3698-	GRID	18647	0	186.250	-12.375	56.20	0	4
3699-	GRID	18648	0	186.250	-15.850	56.20	0	0
3700-	GRID	18649	0	186.250	-17.850	56.20	0	0
3701-	GRID	18651	0	186.250	17.850	58.39	0	0
3702-	GRID	18652	0	186.250	15.850	58.39	0	0
3703-	GRID	18653	0	186.250	-15.850	58.39	0	0
3704-	GRID	18654	0	186.250	-17.850	58.39	0	0
3705-	GRID	18656	0	186.250	17.850	63.12	0	0
3706-	GRID	18657	0	186.250	15.850	63.12	0	0
3707-	GRID	18658	0	186.250	-15.850	63.12	0	0
3708-	GRID	18659	0	186.250	-17.850	63.12	0	0
3709-	GRID	18661	0	186.250	17.850	65.60	0	0
3710-	GRID	18662	0	186.250	15.850	65.60	0	0
3711-	GRID	18663	0	186.250	12.375	65.60	0	0
3712-	GRID	18664	0	186.250	5.790	65.60	0	45
3713-	GRID	18665	0	186.25	.0	65.60	0	45
3714-	GRID	18666	0	186.250	-5.790	65.60	0	45
3715-	GRID	18667	0	186.250	-12.375	65.60	0	0
3716-	GRID	18668	0	186.250	-15.850	65.60	0	0
3717-	GRID	18669	0	186.250	-17.850	65.60	0	0
3718-	GRID	18681	0	186.25	17.65	77.57	0	456
3719-	GRID	18683	0	186.25	12.375	77.57	0	0
3720-	GRID	18685	0	186.25	.0	77.57	0	456
3721-	GRID	18687	0	186.25	-12.375	77.57	0	0
3722-	GRID	18689	0	186.25	-17.65	77.57	0	456
3723-	GRID	18983	0	189.94	12.375	77.57	0	4
3724-	GRID	18987	0	189.94	-12.375	77.57	0	4
3725-	GRID	19741	0	196.90	17.730	55.390	0	0
3726-	GRID	19742	0	196.90	10.090	54.75	0	0
3727-	GRID	19743	0	196.90	7.920	54.75	0	4
3728-	GRID	19745	0	196.90	.0	54.75	0	45
3729-	GRID	19747	0	196.90	-7.920	54.75	0	4
3730-	GRID	19748	0	196.90	-10.090	54.75	0	0
3731-	GRID	19749	0	196.90	-17.730	55.390	0	0
3732-	GRID	19751	0	196.90	17.730	62.160	0	0
3733-	GRID	19752	0	196.90	10.090	62.16	0	0
3734-	GRID	19758	0	196.90	-10.090	62.16	0	0
3735-	GRID	19759	0	196.90	-17.730	62.160	0	0
3736-	GRID	19761	0	196.90	17.730	64.63	0	0
3737-	GRID	19762	0	196.90	10.090	64.63	0	0
3738-	GRID	19763	0	196.90	7.920	64.63	0	4
3739-	GRID	19765	0	196.90	.0	64.63	0	45
3740-	GRID	19767	0	196.90	-7.920	64.63	0	4
3741-	GRID	19768	0	196.90	-10.090	64.63	0	0
3742-	GRID	19769	0	196.90	-17.730	64.63	0	0
3743-	GRID	21183	0	211.72	12.375	77.57	0	4
3744-	GRID	21187	0	211.72	-12.375	77.57	0	4
3745-	GRID	21321	0	213.94	16.86	35.97	0	456
3746-	GRID	21323	0	213.94	10.00	35.97	0	456
3747-	GRID	21325	0	213.94	.0	35.97	0	456
3748-	GRID	21327	0	213.94	-10.00	35.97	0	456
3749-	GRID	21329	0	213.94	-16.86	35.97	0	456
3750-	GRID	21341	0	213.940	17.590	54.78	0	0
3751-	GRID	21343	0	213.940	12.000	54.78	0	4
3752-	GRID	21345	0	213.940	.000	54.78	0	4

3753-	GRID	21367	0	213.940	-12.000	54.76	0	4
3754-	GRID	21369	0	213.940	-17.590	54.76	0	0
3755-	GRID	21381	0	213.94	17.73	65.00	0	456
3756-	GRID	21383	0	213.94	12.375	65.00	0	6
3757-	GRID	21384	0	213.94	5.55	65.00	0	456
3758-	GRID	21386	0	213.94	-5.55	65.00	0	456
3759-	GRID	21387	0	213.94	-12.375	65.00	0	6
3760-	GRID	21389	0	213.94	-17.73	65.00	0	456
3761-	GRID	21383	0	213.94	12.375	77.57	0	0
3762-	GRID	21387	0	213.94	-12.375	77.57	0	0
3763-	GRID	21485	0	214.50	.0	77.57	0	156
3764-	GRID	21801	0	218.97	13.98	29.00	0	456
3765-	GRID	21803	0	218.97	8.62	27.00	0	456
3766-	GRID	21807	0	218.97	-8.62	27.00	0	456
3767-	GRID	21809	0	218.97	-13.98	29.00	0	456
3768-	GRID	21821	0	218.97	16.72	35.97	0	456
3769-	GRID	21823	0	218.97	10.00	35.97	0	456
3770-	GRID	21825	0	218.97	.0	35.97	0	456
3771-	GRID	21827	0	218.97	-10.00	35.97	0	456
3772-	GRID	21829	0	218.97	-16.72	35.97	0	456
3773-	GRID	22312	0	223.29	13.50	31.00	0	456
3774-	GRID	22318	0	223.29	-13.50	31.00	0	456
3775-	GRID	22701	0	227.62	13.42	29.00	0	456
3776-	GRID	22703	0	227.62	7.86	27.00	0	456
3777-	GRID	22707	0	227.62	-7.86	27.00	0	456
3778-	GRID	22709	0	227.62	-13.42	29.00	0	456
3779-	GRID	22721	0	227.62	16.43	35.97	0	456
3780-	GRID	22723	0	227.62	10.00	35.97	0	456
3781-	GRID	22725	0	227.62	.0	35.97	0	456
3782-	GRID	22727	0	227.62	-10.00	35.97	0	456
3783-	GRID	22729	0	227.62	-16.43	35.97	0	456
3784-	GRID	23100	0	232.00	.0	51.00	0	456
3785-	GRID	25001	0	250.00	11.63	29.00	0	456
3786-	GRID	25003	0	250.00	7.93	27.00	0	456
3787-	GRID	25007	0	250.00	-5.13	27.00	0	456
3788-	GRID	25009	0	250.00	-11.63	29.00	0	456
3789-	GRID	25021	0	250.00	15.52	35.97	0	456
3790-	GRID	25025	0	250.00	.0	35.97	0	456
3791-	GRID	25029	0	250.00	-15.52	35.97	0	456
3792-	GRID	25041	0	250.00	16.20	52.59	0	456
3793-	GRID	25045	0	250.00	.00	52.59	0	1456
3794-	GRID	25049	0	250.00	-16.20	52.59	0	456
3795-	GRID	25061	0	250.00	16.20	64.07	0	456
3796-	GRID	25065	0	250.00	.00	64.07	0	456
3797-	GRID	25069	0	250.00	-16.20	64.07	0	456
3798-	GRID	26801	0	268.25	7.80	28.06	0	456
3799-	GRID	26809	0	268.25	-5.21	28.06	0	456
3800-	GRID	26821	0	268.25	14.56	35.97	0	456
3801-	GRID	26825	0	268.25	.0	35.97	0	456
3802-	GRID	26829	0	268.25	-14.56	35.97	0	456
3803-	GRID	26841	0	268.25	14.69	51.49	0	456
3804-	GRID	26845	0	268.25	.00	51.49	0	1456
3805-	GRID	26849	0	268.25	-14.69	51.49	0	456
3806-	GRID	26861	0	268.25	14.79	63.59	0	456
3807-	GRID	26865	0	268.25	.00	63.59	0	456
3808-	GRID	26869	0	268.25	-14.79	63.59	0	456
3809-	GRID	29905	0	300.63	.0	31.67	0	456
3810-	GRID	29921	0	300.37	11.92	35.97	0	456
3811-	GRID	29925	0	300.37	.0	35.97	0	456
3812-	GRID	29929	0	300.37	-11.92	35.97	0	456
3813-	GRID	29941	0	299.53	14.29	49.38	0	456
3814-	GRID	29945	0	299.53	.0	49.38	29945	1456
3815-	GRID	29949	0	299.53	-14.29	49.38	0	456
3816-	GRID	29961	0	298.70	12.29	62.80	0	456
3817-	GRID	29965	0	298.70	.0	62.80	0	456
3818-	GRID	29969	0	298.70	-12.29	62.80	0	456

3819-	GRID	30045	0	299.570	.0	49.590	0	0
3820-	GRID	31745	0	317.715	.0	50.717	0	0
3821-	GRID	33845	0	338.614	.0	52.015	0	0
3822-	GRID	35945	0	359.514	.0	53.313	0	0
3823-	GRID	38045	0	380.424	.0	54.611	0	0
3824-	GRID	40141	0	401.33	31.25	55.910	0	0
3825-	GRID	40142	0	401.33	20.87	55.910	0	0
3826-	GRID	40143	0	401.33	9.68	55.910	0	0
3827-	GRID	40145	0	401.333	.0	55.910	0	0
3828-	GRID	40147	0	401.33	-9.68	55.910	0	0
3829-	GRID	40148	0	401.33	-20.87	55.910	0	0
3830-	GRID	40149	0	401.33	-31.25	55.910	0	0
3831-	GRID	42245	0	422.243	.0	57.209	0	0
3832-	GRID	44345	0	443.153	.0	58.508	0	0
3833-	GRID	45245	0	452.255	.0	59.073	0	0
3834-	GRID	46445	0	464.102	.0	59.809	0	0
3835-	GRID	48045	0	480.23	.0	75.40	0	0
3836-	GRID	48845	0	488.93	.0	83.82	0	0
3837-	GRID	49745	0	497.77	.0	92.37	0	0
3838-	GRID	50645	0	506.60	.0	100.91	0	0
3839-	GRID	51545	0	515.43	.0	109.46	0	0
3840-	GRID	52045	0	520.67	.0	118.27	0	0
3841-	GRID	61912	0	186.25	19.19	65.60	0	0
3842-	GRID	61913	0	186.25	19.19	64.31	0	0
3843-	GRID	61914	0	186.25	19.19	63.12	0	0
3844-	GRID	61916	0	186.25	19.19	58.39	0	0
3845-	GRID	61917	0	186.25	19.19	57.39	0	0
3846-	GRID	61918	0	186.25	19.19	56.20	0	0
3847-	GRID	61922	0	196.90	19.19	63.04	0	0
3848-	GRID	61923	0	196.90	19.19	62.16	0	0
3849-	GRID	61924	0	196.90	19.19	61.35	0	0
3850-	GRID	61926	0	196.90	19.19	56.07	0	0
3851-	GRID	61927	0	196.90	19.19	55.39	0	0
3852-	GRID	61928	0	196.90	19.19	54.37	0	0
3853-	GRID	61934	0	213.94	19.19	55.42	0	0
3854-	GRID	61935	0	213.94	19.19	54.78	0	0
3855-	GRID	61936	0	213.94	19.19	54.08	0	0
3856-	GRID	62211	0	186.93	22.19	66.05	0	456
3857-	GRID	62213	0	186.93	22.19	64.31	0	0
3858-	GRID	62217	0	186.93	22.19	57.39	0	0
3859-	GRID	62219	0	186.93	22.19	56.06	0	456
3860-	GRID	62221	0	197.44	22.19	63.95	0	0
3861-	GRID	62224	0	197.44	22.19	61.35	0	0
3862-	GRID	62226	0	197.44	22.19	56.07	0	0
3863-	GRID	62229	0	197.44	22.19	54.10	0	0
3864-	GRID	62231	0	213.94	22.19	56.35	0	0
3865-	GRID	62239	0	213.94	22.19	54.08	0	0
3866-	GRID	62811	0	188.25	28.00	66.05	0	456
3867-	GRID	62819	0	188.25	28.00	56.73	0	456
3868-	GRID	62821	0	198.48	28.00	63.95	0	456
3869-	GRID	62829	0	198.48	28.00	54.79	0	456
3870-	GRID	62831	0	213.94	28.00	56.91	0	456
3871-	GRID	62839	0	213.94	28.00	54.71	0	456
3872-	GRID	63411	0	189.62	34.00	66.05	0	456
3873-	GRID	63419	0	189.62	34.00	57.49	0	456
3874-	GRID	63421	0	199.56	34.00	63.95	0	456
3875-	GRID	63429	0	199.56	34.00	55.50	0	456
3876-	GRID	63431	0	213.94	34.00	57.49	0	456
3877-	GRID	63439	0	213.94	34.00	55.36	0	456
3878-	GRID	64211	0	191.55	42.50	66.05	0	456
3879-	GRID	64219	0	191.55	42.50	58.56	0	456
3880-	GRID	64221	0	201.08	42.50	63.95	0	456
3881-	GRID	64229	0	201.08	42.50	56.50	0	0
3882-	GRID	64231	0	213.94	42.50	58.31	0	456
3883-	GRID	64239	0	213.94	42.50	56.28	0	456
3884-	GRID	65011	0	193.42	50.75	66.05	0	456

3885-	GRID	65017	0	193.42	-50.75	66.05	0	456
3886-	GRID	65021	0	202.56	-50.75	63.95	0	456
3887-	GRID	65029	0	202.56	-50.75	57.48	0	456
3888-	GRID	65031	0	213.94	-50.75	59.11	0	456
3889-	GRID	65039	0	213.94	-50.75	57.17	0	456
3890-	GRID	65911	0	195.30	-59.00	66.05	0	456
3891-	GRID	65919	0	195.30	-59.00	60.64	0	456
3892-	GRID	65921	0	204.04	-59.00	63.95	0	456
3893-	GRID	65929	0	204.04	-59.00	58.65	0	0
3894-	GRID	65931	0	213.94	-59.00	59.91	0	456
3895-	GRID	65939	0	213.94	-59.00	58.06	0	456
3896-	GRID	71912	0	186.25	-19.19	65.80	0	0
3897-	GRID	71913	0	186.25	-19.19	64.31	0	0
3898-	GRID	71914	0	186.25	-19.19	63.12	0	0
3899-	GRID	71916	0	186.25	-19.19	58.39	0	0
3900-	GRID	71917	0	186.25	-19.19	57.39	0	0
3901-	GRID	71918	0	186.25	-19.19	56.20	0	0
3902-	GRID	71922	0	196.90	-19.19	63.04	0	0
3903-	GRID	71923	0	196.90	-19.19	62.16	0	0
3904-	GRID	71924	0	196.90	-19.19	61.35	0	0
3905-	GRID	71926	0	196.90	-19.19	56.07	0	0
3906-	GRID	71927	0	196.90	-19.19	55.39	0	0
3907-	GRID	71928	0	196.90	-19.19	54.37	0	0
3908-	GRID	71934	0	213.94	-19.19	55.42	0	0
3909-	GRID	71935	0	213.94	-19.19	54.78	0	0
3910-	GRID	71936	0	213.94	-19.19	54.08	0	0
3911-	GRID	72211	0	186.93	-22.19	66.05	0	456
3912-	GRID	72213	0	186.93	-22.19	64.31	0	0
3913-	GRID	72217	0	186.93	-22.19	57.39	0	0
3914-	GRID	72219	0	186.93	-22.19	56.00	0	456
3915-	GRID	72221	0	197.44	-22.19	63.95	0	0
3916-	GRID	72224	0	197.44	-22.19	61.35	0	0
3917-	GRID	72226	0	197.44	-22.19	56.07	0	0
3918-	GRID	72229	0	197.44	-22.19	54.10	0	0
3919-	GRID	72231	0	213.94	-22.19	56.35	0	0
3920-	GRID	72239	0	213.94	-22.19	54.68	0	0
3921-	GRID	72811	0	188.25	-28.00	66.05	0	456
3922-	GRID	72819	0	188.25	-28.00	56.73	0	456
3923-	GRID	72821	0	198.48	-28.00	63.95	0	456
3924-	GRID	72829	0	198.48	-28.00	54.79	0	456
3925-	GRID	72831	0	213.94	-28.00	56.91	0	456
3926-	GRID	72839	0	213.94	-28.00	54.71	0	456
3927-	GRID	73411	0	189.62	-34.00	66.05	0	456
3928-	GRID	73419	0	189.62	-34.00	57.49	0	456
3929-	GRID	73421	0	199.56	-34.00	63.95	0	456
3930-	GRID	73429	0	199.56	-34.00	55.50	0	456
3931-	GRID	73431	0	213.94	-34.00	57.49	0	456
3932-	GRID	73439	0	213.94	-34.00	55.36	0	456
3933-	GRID	74211	0	191.55	-42.50	66.05	0	456
3934-	GRID	74219	0	191.55	-42.50	58.56	0	456
3935-	GRID	74221	0	201.08	-42.50	63.95	0	456
3936-	GRID	74229	0	201.08	-42.50	56.50	0	0
3937-	GRID	74231	0	213.94	-42.50	58.31	0	456
3938-	GRID	74239	0	213.94	-42.50	56.28	0	456
3939-	GRID	75011	0	193.42	-50.75	66.05	0	456
3940-	GRID	75019	0	193.42	-50.75	59.60	0	456
3941-	GRID	75021	0	202.56	-50.75	63.95	0	456
3942-	GRID	75029	0	202.56	-50.75	57.48	0	456
3943-	GRID	75031	0	213.94	-50.75	59.11	0	456
3944-	GRID	75039	0	213.94	-50.75	57.17	0	456
3945-	GRID	75911	0	195.30	-59.00	66.05	0	456
3946-	GRID	75919	0	195.30	-59.00	60.64	0	456
3947-	GRID	75921	0	204.04	-59.00	63.95	0	456
3948-	GRID	75929	0	204.04	-59.00	58.65	0	0
3949-	GRID	75931	0	213.94	-59.00	59.91	0	456
3950-	GRID	75939	0	213.94	-59.00	58.06	0	456



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4017-      MATL     4340     29.066     11.066
4018-      MATL     4623     29.066     11.066
4019-      MATL     7075     10.366      3.966
4020-      MATL     9046     17.566      6.566
4021-      MPC      1000     7033    1     1.0     7505    1     -1.0          7505FR1
4022-      &7505FR1          7505    5   -15.00    7505    6    10.00
4023-      MPC      1000     7033    2     1.0     7505    2     -1.0          7505FR2
4024-      &7505FR2          7505    4    15.00    7505    6     4.71
4025-      MPC      1000     7033    3     1.0     7505    3     -1.0          7505FR3
4026-      &7505FR3          7505    4   -10.00    7505    5    -4.71
4027-      MPC      1000     7037    1     1.0     7505    1     -1.0          7505FL1
4028-      &7505FL1          7505    5   -15.00    7505    6   -10.00
4029-      MPC      1000     7037    2     1.0     7505    2     -1.0          7505FL2
4030-      &7505FL2          7505    4    15.00    7505    6     4.71
4031-      MPC      1000     7037    3     1.0     7505    3     -1.0          7505FL3
4032-      &7505FL3          7505    4    10.00    7505    5    -4.71
4033-      MPC      1000     8533    1     1.0     7505    1     -1.0          7505AR1
4034-      &7505AR1          7505    5   -15.00    7505    6    10.00
4035-      MPC      1000     8533    2     1.0     7505    2     -1.0          7505AR2
4036-      &7505AR2          7505    4    15.00    7505    6    -9.76
4037-      MPC      1000     8533    3     1.0     7505    3     -1.0          7505AR3
4038-      &7505AR3          7505    4   -10.00    7505    5     9.76
4039-      MPC      1000     8537    1     1.0     7505    1     -1.0          7505AL1
4040-      &7505AL1          7505    5   -15.00    7505    6   -10.00
4041-      MPC      1000     8537    2     1.0     7505    2     -1.0          7505AL2
4042-      &7505AL2          7505    4    15.00    7505    6    -9.76
4043-      MPC      1000     8537    3     1.0     7505    3     -1.0          7505AL3
4044-      &7505AL3          7505    4    10.00    7505    5     9.76
4045-      MPC      1000     14803   1     1.0     15212   1     -1.0          &M13RFG
4046-      &M13RFG           15212   5    3.34     15212   6    -3.50
4047-      MPC      1000     14803   2     1.0     15212   2     -1.0          &M23RFG
4048-      &M23RFG           15212   4   -3.34     15212   6     3.95
4049-      MPC      1000     14803   3     1.0     15212   3     -1.0          &M33RFG
4050-      &M33RFG           15212   4    3.50     15212   5    -3.95
4051-      MPC      1000     14807   1     1.0     15218   1     -1.0          &M13LFG
4052-      &M13LFG           15218   5    3.34     15218   6     3.50
4053-      MPC      1000     14807   2     1.0     15218   2     -1.0          &M23LFG
4054-      &M23LFG           15218   4   -3.34     15218   6     3.95
4055-      MPC      1000     14807   3     1.0     15218   3     -1.0          &M33LFG
4056-      &M33LFG           15218   4   -3.50     15218   5    -3.95
4057-      MPC      1000     14823   1     1.0     15212   1     -1.0          &M11RFG
4058-      &M11RFG           15212   5   -5.63     15212   6    -3.50
4059-      MPC      1000     14823   2     1.0     15212   2     -1.0          &M21RFG
4060-      &M21RFG           15212   4    5.63     15212   6     3.95
4061-      MPC      1000     14823   3     1.0     15212   3     -1.0          &M31RFG
4062-      &M31RFG           15212   4    3.50     15212   5    -3.95
4063-      MPC      1000     14827   1     1.0     15218   1     -1.0          &M11LFG
4064-      &M11LFG           15218   5   -5.63     15218   6     3.50
4065-      MPC      1000     14827   2     1.0     15218   2     -1.0          &M21LFG
4066-      &M21LFG           15218   4    5.63     15218   6     3.95
4067-      MPC      1000     14827   3     1.0     15218   3     -1.0          &M31LFG
4068-      &M31LFG           15218   4   -3.50     15218   5    -3.95
4069-      MPC      1000     15212   1     1.0     215202  1     -1.0          RFG
4070-      MPC      1000     15212   2     1.0     215202  2     -1.0          RFG
4071-      MPC      1000     15212   3     1.0     215202  3     -1.0          RFG
4072-      MPC      1000     15218   1     1.0     215201  1     -1.0          LFG
4073-      MPC      1000     15218   2     1.0     215201  2     -1.0          LFG
4074-      MPC      1000     15218   3     1.0     215201  3     -1.0          LFG
4075-      MPC      1000     15603   1     1.0     15212   1     -1.0          &M14RFG
4076-      &M14RFG           15212   5    3.34     15212   6    -3.50
4077-      MPC      1000     15603   2     1.0     15212   2     -1.0          &M24RFG
4078-      &M24RFG           15212   4   -3.34     15212   6    -3.96
4079-      MPC      1000     15603   3     1.0     15212   3     -1.0          &M34RFG
4080-      &M34RFG           15212   4    3.50     15212   5     3.96
4081-      MPC      1000     15607   1     1.0     15218   1     -1.0          &M14LFG
4082-      &M14LFG           15218   5    3.34     15218   6     3.50
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4083-      MPC     1000    15607   2       1.0     15218   2       -1.0            GM24LFG
4084-      GM24LFG         15218   4       -3.34   15218   6       -3.96
4085-      MPC     1000    15607   3       1.0     15218   3       -1.0            GM34LFG
4086-      GM34LFG         15218   4       -3.50   15218   5        3.96
4087-      MPC     1000    15623   1       1.0     15212   1       -1.0            GM12RFG
4088-      GM12RFG         15212   5       -5.63   15212   6       -1.83
4089-      MPC     1000    15623   2       1.0     15212   2       -1.0            GM22RFG
4090-      GM22RFG         15212   4        5.63   15212   6       -3.96
4091-      MPC     1000    15623   3       1.0     15212   3       -1.0            GM32RFG
4092-      GM32RFG         15212   4        1.83   15212   5        3.96
4093-      MPC     1000    15627   1       1.0     15218   1       -1.0            GM12LFG
4094-      GM12LFG         15218   5       -5.63   15218   6        1.83
4095-      MPC     1000    15627   2       1.0     15218   2       -1.0            GM22LFG
4096-      GM22LFG         15218   4        5.63   15218   6       -3.96
4097-      MPC     1000    15627   3       1.0     15218   3       -1.0            GM32LFG
4098-      GM32LFG         15218   4       -1.83   15218   5        3.96
4099-      MPC     1000    18683   6       1.0     18687   1       -.040404        RFPOST6
4100-      GRFPOST6        18683   1        .040404
4101-      MPC     1000    18687   6       1.0     18683   6       -1.0            LFPOST6
4102-      MPC     1000    22312   1       1.0     222302  1       -1.0
4103-      MPC     1000    22312   2       1.0     222302  2       -1.0
4104-      MPC     1000    22312   3       1.0     222302  3       -1.0
4105-      MPC     1000    22318   1       1.0     222301  1       -1.0
4106-      MPC     1000    22318   2       1.0     222301  2       -1.0
4107-      MPC     1000    22318   3       1.0     222301  3       -1.0
4108-      MPC     1000    29921   1       1.0     30045   1       -1.0            GM11TB
4109-      GM11TB          30045   5        13.62  30045   6        11.92
4110-      MPC     1000    29921   2       1.0     30045   2       -1.0            GM21TB
4111-      GM21TB          30045   4       -13.62  30045   6       -.80
4112-      MPC     1000    29921   3       1.0     30045   3       -1.0            GM31TB
4113-      GM31TB          30045   4       -11.92  30045   5        .80
4114-      MPC     1000    29929   1       1.0     30045   1       -1.0            GM12TB
4115-      GM12TB          30045   5        13.62  30045   6       -11.92
4116-      MPC     1000    29929   2       1.0     30045   2       -1.0            GM22TB
4117-      GM22TB          30045   4       -13.62  30045   6       -.80
4118-      MPC     1000    29929   3       1.0     30045   3       -1.0            GM32TB
4119-      GM32TB          30045   4        11.92  30045   5        .80
4120-      MPC     1000    29961   1       1.0     30045   1       -1.0            GM13TB
4121-      GM13TB          30045   5       -13.21  30045   6        12.29
4122-      MPC     1000    29961   2       1.0     30045   2       -1.0            GM23TB
4123-      GM23TB          30045   4        13.21  30045   6        .87
4124-      MPC     1000    29961   3       1.0     30045   3       -1.0            GM33TB
4125-      GM33TB          30045   4       -12.29  30045   5       -.87
4126-      MPC     1000    29969   1       1.0     30045   1       -1.0            GM14TB
4127-      GM14TB          30045   5       -13.21  30045   6       -12.29
4128-      MPC     1000    29969   2       1.0     30045   2       -1.0            GM24TB
4129-      GM24TB          30045   4        13.21  30045   6        .87
4130-      MPC     1000    29969   3       1.0     30045   3       -1.0            GM34TB
4131-      GM34TB          30045   4        12.29  30045   5       -.87
4132-      MPC     1000    61912   3       1.0     61913   3       -1.0
4133-      MPC     1000    61912   4       1.0     61913   4       -1.0
4134-      MPC     1000    61912   5       1.0     61913   5       -1.0
4135-      MPC     1000    61913   1       1.0     61914   1       -.518952        MPCFRU1
4136-      GMPCFRU1        61912   1       -.481048
4137-      MPC     1000    61913   2       1.0     61914   2       -.518952        MPCFRU2
4138-      GMPCFRU2        61912   2       -.481048
4139-      MPC     1000    61913   4       1.0     61914   2       -.403226        MPCFRU4
4140-      GMPCFRU4        61912   2        .403226
4141-      MPC     1000    61913   5       1.0     61914   1        .403226        MPCFRU5
4142-      GMPCFRU5        61912   1       -.403226
4143-      MPC     1000    61914   3       1.0     61913   3       -1.0
4144-      MPC     1000    61914   4       1.0     61913   4       -1.0
4145-      MPC     1000    61914   5       1.0     61913   5       -1.0
4146-      MPC     1000    61916   3       1.0     61917   3       -1.0
4147-      MPC     1000    61916   4       1.0     61917   4       -1.0
4148-      MPC     1000    61916   5       1.0     61917   5       -1.0
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4149-      MPC     1000    61917   1       1.0     61918   1       -.457078        MPCFRL1
4150-      &MPCFRL1        61916   1       -.542922
4151-      MPC     1000    61917   2       1.0     61918   2       -.457078        MPCFRL2
4152-      &MPCFRL2        61916   2       -.542922
4153-      MPC     1000    61917   4       1.0     61916   2       -.456621        MPCFRL4
4154-      &MPCFRL4        61916   2       .456621
4155-      MPC     1000    61917   5       1.0     61918   1       .456621         MPCFRL5
4156-      &MPCFRL5        61916   1       -.456621
4157-      MPC     1000    61918   3       1.0     61917   3       -1.0
4158-      MPC     1000    61918   4       1.0     61917   4       -1.0
4159-      MPC     1000    61918   5       1.0     61917   5       -1.0
4160-      MPC     1000    61922   3       1.0     61923   3       -1.0
4161-      MPC     1000    61922   4       1.0     61923   4       -1.0
4162-      MPC     1000    61922   5       1.0     61923   5       -1.0
4163-      MPC     1000    61923   1       1.0     61924   1       -.520710        MPCCRU1
4164-      &MPCCRU1        61922   1       -.479290
4165-      MPC     1000    61923   2       1.0     61924   2       -.520710        MPCCRU2
4166-      &MPCCRU2        61922   2       -.479290
4167-      MPC     1000    61923   4       1.0     61924   2       -.591716        MPCCRU4
4168-      &MPCCRU4        61922   2       .591716
4169-      MPC     1000    61923   5       1.0     61924   1       .591716         MPCCRU5
4170-      &MPCCRU5        61922   1       -.591716
4171-      MPC     1000    61924   3       1.0     61923   3       -1.0
4172-      MPC     1000    61924   4       1.0     61923   4       -1.0
4173-      MPC     1000    61924   5       1.0     61923   5       -1.0
4174-      MPC     1000    61926   3       1.0     61927   3       -1.0
4175-      MPC     1000    61926   4       1.0     61927   4       -1.0
4176-      MPC     1000    61926   5       1.0     61927   5       -1.0
4177-      MPC     1000    61927   1       1.0     61928   1       -.40            MPCCRL1
4178-      &MPCCRL1        61926   1       -.60
4179-      MPC     1000    61927   2       1.0     61928   2       -.40            MPCCRL2
4180-      &MPCCRL2        61926   2       -.60
4181-      MPC     1000    61927   4       1.0     61928   2       -.588235        MPCCRL4
4182-      &MPCCRL4        61926   2       .588235
4183-      MPC     1000    61927   5       1.0     61928   1       .588235         MPCCRL5
4184-      &MPCCRL5        61926   1       -.588235
4185-      MPC     1000    61928   3       1.0     61927   3       -1.0
4186-      MPC     1000    61928   4       1.0     61927   4       -1.0
4187-      MPC     1000    61928   5       1.0     61927   5       -1.0
4188-      MPC     1000    61934   3       1.0     61935   3       -1.0
4189-      MPC     1000    61934   4       1.0     61935   4       -1.0
4190-      MPC     1000    61934   5       1.0     61935   5       -1.0
4191-      MPC     1000    61935   1       1.0     61936   1       -.477612        MPCARC1
4192-      &MPCARC1        61934   1       -.522388
4193-      MPC     1000    61935   2       1.0     61936   2       -.477612        MPCARC2
4194-      &MPCARC2        61934   2       -.522388
4195-      MPC     1000    61935   4       1.0     61936   2       -.746269        MPCARC4
4196-      &MPCARC4        61934   2       .746269
4197-      MPC     1000    61935   5       1.0     61936   1       .746269         MPCARC5
4198-      &MPCARC5        61934   1       -.746269
4199-      MPC     1000    61936   3       1.0     61935   3       -1.0
4200-      MPC     1000    61936   4       1.0     61935   4       -1.0
4201-      MPC     1000    61936   5       1.0     61935   5       -1.0
4202-      MPC     1000    64229   4       1.0     64221   2       .13423          R I/B 4
4203-      &R I/B 4        64229   2       -.13423
4204-      MPC     1000    64229   5       1.0     64219   3       -.10493         R I/B 5
4205-      &R I/B 5        64229   3       .10493
4206-      MPC     1000    64229   6       1.0     64219   2       .10493          R I/B 6
4207-      &R I/B 6        64229   2       -.10493
4208-      MPC     1000    65929   4       1.0     65921   2       .18182          R O/B 4
4209-      &R O/B 4        65929   2       -.18182
4210-      MPC     1000    65929   5       1.0     65919   3       -.11442         R O/B 5
4211-      &R O/B 5        65929   3       .11442
4212-      MPC     1000    65929   6       1.0     65919   2       .11442          R O/B 6
4213       &R O/B 6        65929   2       -.11442
4214-      MPC     1000    71912   3       1.0     71913   3       -1.0
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4215-       MPC        1000     71912    4       1.0      71913    4       -1.0
4216-       MPC        1000     71912    5       1.0      71913    5       -1.0
4217-       MPC        1000     71913    1       1.0      71914    1       -.518952        MPCFLU1
4218-       &MPCFLU1            71912    1      -.481048
4219-       MPC        1000     71913    2       1.0      71914    2       -.518952        MPCFLU2
4220-       &MPCFLU2            71912    2      -.481048
4221-       MPC        1000     71913    4       1.0      71914    2       -.403226        MPCFLU4
4222-       &MPCFLU4            71912    2       .403226
4223-       MPC        1000     71913    5       1.0      71914    1       .403226         MPCFLU5
4224-       &MPCFLU5            71912    1      -.403226
4225-       MPC        1000     71914    3       1.0      71913    3       -1.0
4226-       MPC        1000     71914    4       1.0      71913    4       -1.0
4227-       MPC        1000     71914    5       1.0      71913    5       -1.0
4228-       MPC        1000     71916    3       1.0      71917    3       -1.0
4229-       MPC        1000     71916    4       1.0      71917    4       -1.0
4230-       MPC        1000     71916    5       1.0      71917    5       -1.0
4231-       MPC        1000     71917    1       1.0      71918    1       -.457078        MPCFLL1
4232-       &MPCFLL1            71916    1      -.542922
4233-       MPC        1000     71917    2       1.0      71918    2       -.457078        MPCFLL2
4234-       &MPCFLL2            71916    2      -.542922
4235-       MPC        1000     71917    4       1.0      71918    2       -.456621        MPCFLL4
4236-       &MPCFLL4            71916    2       .456621
4237-       MPC        1000     71917    5       1.0      71918    1       .456621         MPCFLL5
4238-       &MPCFLL5            71916    1      -.456621
4239-       MPC        1000     71918    3       1.0      71917    3       -1.0
4240-       MPC        1000     71918    4       1.0      71917    4       -1.0
4241-       MPC        1000     71918    5       1.0      71917    5       -1.0
4242-       MPC        1000     71922    3       1.0      71923    3       -1.0
4243        MPC        1000     71922    4       1.0      71923    4       -1.0
4244-       MPC        1000     71922    5       1.0      71923    5       -1.0
4245-       MPC        1000     71923    1       1.0      71924    1       -.520710        MPCCLU1
4246-       &MPCCLU1            71922    1      -.479290
4247-       MPC        1000     71923    2       1.0      71924    2       -.520710        MPCCLU2
4248-       &MPCCLU2            71922    2      -.479290
4249-       MPC        1000     71923    4       1.0      71924    2       -.591716        MPCCLU4
4250-       &MPCCLU4            71922    2       .591716
4251-       MPC        1000     71923    5       1.0      71924    1       .591716         MPCCLU5
4252-       &MPCCLU5            71922    1      -.591716
4253-       MPC        1000     71924    3       1.0      71923    3       -1.0
4254-       MPC        1000     71924    4       1.0      71923    4       -1.0
4255-       MPC        1000     71924    5       1.0      71923    5       -1.0
4256-       MPC        1000     71926    3       1.0      71927    3       -1.0
4257-       MPC        1000     71926    4       1.0      71927    4       -1.0
4258-       MPC        1000     71926    5       1.0      71927    5       -1.0
4259-       MPC        1000     71927    1       1.0      71928    1       -.40            MPCCLL1
4260-       &MPCCLL1            71926    1      -.60
4261-       MPC        1000     71927    2       1.0      71928    2       -.40            MPCCLL2
4262-       &MPCCLL2            71926    2      -.60
4263-       MPC        1000     71927    4       1.0      71928    2       -.588235        MPCCLL4
4264-       &MPCCLL4            71926    2       .588235
4265-       MPC        1000     71927    5       1.0      71928    1       .588235         MPCCLL5
4266-       &MPCCLL5            71926    1      -.588235
4267-       MPC        1000     71928    3       1.0      71927    3       -1.0
4268-       MPC        1000     71928    4       1.0      71927    4       -1.0
4269-       MPC        1000     71928    5       1.0      71927    5       -1.0
4270-       MPC        1000     71934    3       1.0      71935    3       -1.0
4271-       MPC        1000     71934    4       1.0      71935    4       -1.0
4272-       MPC        1000     71934    5       1.0      71935    5       -1.0
4273-       MPC        1000     71935    1       1.0      71936    1       -.477612        MPCALC1
4274-       &MPCALC1            71934    1      -.522388
4275-       MPC        1000     71935    2       1.0      71936    2       -.477612        MPCALC2
4276-       &MPCALC2            71934    2      -.522388
4277-       MPC        1000     71935    4       1.0      71936    2       -.746269        MPCALC4
4278-       &MPCALC4            71934    2       .746269
4279-       MPC        1000     71935    5       1.0      71936    1       .746269         MPCALC5
4280-       &MPCALC5            71934    1      -.746269
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4281-     MPC     1000    71936   3       1.0     71935   3       -1.0
4282-     MPC     1000    71936   4       1.0     71935   4       -1.0
4283-     MPC     1000    71936   5       1.0     71935   5       -1.0
4284-     MPC     1000    74229   4       1.0     74221   2       .13423          L I/B 4
4285      &L I/B 4        74229   2       -.13423
4286-     MPC     1000    74229   5       1.0     74219   3       -.10493         L I/B 5
4287-     &L I/B 5        74229   3       .10493
4288-     MPC     1000    74229   6       1.0     74219   2       .10493          L I/B 6
4289-     &L I/B 6        74229   2       -.10493
4290-     MPC     1000    75929   4       1.0     75921   2       .18182          L O/B 4
4291-     &L O/B 4        75929   2       -.18182
4292-     MPC     1000    75929   5       1.0     75919   3       -.11442         L O/B 5
4293-     &L O/B 5        75929   3       .11442
4294-     MPC     1000    75929   6       1.0     75919   2       .11442          L O/B 6
4295-     &L O/B 6        75929   2       -.11442
4296-     MPC     1000    122400  1       1.0     124800  1       -1.0            FWDENG1
4297-     MPC     1000    122400  2       1.0     124800  2       -1.0            FWDENG2
4298-     &FWDENG2        124800  6       23.9
4299-     MPC     1000    122400  3       1.0     124800  3       -1.0            FWDENG3
4300-     &FWDENG3        124800  5       -23.9
4301-     MPC     1000    122400  4       1.0     124800  4       -1.0            FWDENG4
4302-     MPC     1000    122400  5       1.0     124800  5       -1.0            FWDENG5
4303-     MPC     1000    122400  6       1.0     124800  6       -1.0            FWDENG6
4304-     MPC     1000    123467  1       1.0     25069   1       -.798210        FEM F1
4305-     &FEM F1         25065   1       -.201790
4306-     MPC     1000    123467  2       1.0     25069   2       -1.0            FEM F2
4307-     &FEM F2         25069   1       .961728 25065   1       -.961728
4308-     MPC     1000    123467  3       1.0     25069   3       -.366152        FEM F3
4309-     &FEM F3         25065   3       -.201790 21369  3       -.432058
4310-     MPC     1000    123487  1       1.0     124800  1       -1.0            ENG A1
4311-     &ENG A1         124800  5       4.25    124800  6       -9.49
4312-     MPC     1000    123487  2       1.0     124800  2       -1.0            ENG A2
4313-     &ENG A2         124800  6       13.931  124800  4       -4.25
4314-     MPC     1000    123487  3       1.0     124800  3       -1.0            ENG A3
4315-     &ENG A3         124800  4       9.49    124800  5       -13.931
4316-     MPC     1000    125063  1       1.0     25061   1       -.802963        REM 41
4317-     &REM 41         25065   1       -.197037
4318-     MPC     1000    125063  2       1.0     25061   2       -1.0
4319-     MPC     1000    125063  3       1.0     25061   3       -.802963        REM 43
4320-     &REM 43         25065   3       -.197037
4321-     MPC     1000    125065  1       1.0     25065   1       -.880432        LEM 31
4322-     &LEM 31         25069   1       -.119568
4323-     MPC     1000    125065  2       1.0     25065   2       -1.0
4324-     MPC     1000    125065  3       1.0     25065   3       -.880432        LEM 33
4325-     &LEM 33         25069   3       -.119568
4326-     MPC     1000    125067  1       1.0     25069   1       -.802963        LEM 21
4327-     &LEM 21         25065   1       -.197037
4328-     MPC     1000    125067  2       1.0     25069   2       -1.0
4329-     MPC     1000    125067  3       1.0     25069   3       -1.0
4330-     MPC     1000    125383  1       1.0     124800  1       -1.0            ENG B1
4331-     &ENG B1         124800  5       5.562   124800  6       11.731
4332-     MPC     1000    125383  2       1.0     124800  2       -1.0            ENG B2
4333-     &ENG B2         124800  6       -5.326  124800  4       -5.562
4334-     MPC     1000    125383  3       1.0     124800  3       -1.0            ENG B3
4335-     &ENG B1         124800  4       -11.731 124800  5       5.326
4336-     MPC     1000    125387  1       1.0     124800  1       -1.0            ENG C1
4337-     &ENG C1         124800  5       5.562   124800  6       -11.731
4338-     MPC     1000    125387  2       1.0     124800  2       -1.0            ENG C2
4339-     &ENG C2         124800  6       -5.326  124800  4       -5.562
4340-     MPC     1000    125387  3       1.0     124800  3       -1.0            ENG C3
4341-     &ENG C3         124800  4       11.731  124800  5       5.326
4342-     MPC     1000    126861  1       1.0     26861   1       -.675389        REM 51
4343-     &REM 51         26865   1       -.324611
4344-     MPC     1000    126861  2       1.0     26861   2       -1.0
4345-     MPC     1000    126863  3       1.0     26861   3       -.675389        REM 53
4346-     &REM 53         26865   3       -.324611
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4348-      CLEM 11         26865   1       -.324611
4349-      MPC     1000    126867  2       1.0     26869   2       -1.0
4350-      MPC     1000    126867  3       1.0     26869   3       -.675389        LEM 13
4351-      CLEM 13         26865   3       -.324611
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4353-      MPC     1000    127200  2       1.0     124800  2       -1.0            AFTENG2
4354-      CAFTENG2        124800  6       -24.8
4355-      MPC     1000    127200  3       1.0     124800  3       -1.0            AFTENG3
4356-      CAFTENG3        124800  5        24.8
4357-      MPC     1000    127200  4       1.0     124800  4       -1.0            AFTENG4
4358-      MPC     1000    127200  5       1.0     124800  5       -1.0            AFTENG5
4359-      MPC     1000    127200  6       1.0     124800  6       -1.0            AFTENG6
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4362-      MPC     1000    189073  2       1.0     200078  2       -1.0            FWDR2
4363       CFWDR2          200078  6        10.06
4364-      MPC     1000    189073  3       1.0     200078  3       -1.0            FWDR3
4365-      CFWDR3          200078  4       -12.375 200078  5       -10.06
4366-      MPC     1000    189073  4       1.0     200078  4       -1.0            FWDR4
4367-      MPC     1000    189073  5       1.0     200078  5       -1.0            FWDR5
4368-      MPC     1000    189073  6       1.0     200078  6       -1.0            FWDR6
4369-      MPC     1000    189077  1       1.0     200078  1       -1.0            FWDL1
4370-      CFWDL1          200078  6       -12.375
4371-      MPC     1000    189077  2       1.0     200078  2       -1.0            FWDL2
4372-      CFWDL2          200078  6        10.06
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4374-      CFWDL3          200078  4        12.375 200078  5       -10.06
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4377-      MPC     1000    189077  6       1.0     200078  6       -1.0            FWDL6
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4379-      CAFTR1          200078  6        12.375
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4381-      CAFTR2          200078  6       -11.72
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4383-      CAFTR3          200078  4       -12.375 200078  5        11.72
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4392-      CAFTL3          200078  4        12.375 200078  5        11.72
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4849-    PBAR    20413   7075    2.798   2.022   2.022   4.044
4850-    PBAR    20414   7075    2.371   1.712   1.712   3.424
4851-    PBAR    20415   7075    1.516   1.090   1.090   2.180
4852-    PBAR    20451   7075    1.132   .836    .836    1.672
4853-    PBAR    20452   7075    1.686   1.312   1.312   2.624
4854-    PBAR    20453   7075    1.964   1.549   1.549   3.098
4855-    PBAR    20454   7075    1.686   1.312   1.312   2.624
4856-    PBAR    20455   7075    1.132   .836    .836    1.672
4857-    PBAR    20511   2024    .779    1.510   1.510   3.020
4858-    PBAR    20512   2024    .779    1.510   1.510   3.020
4859-    PBAR    20513   2024    .779    1.510   1.510   3.020
4860-    PBAR    20521   2024    .779    1.510   1.510   3.020
4861-    PBAR    20522   2024    .779    1.510   1.510   3.020
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4863-    PBAR    353025  1       100.    1950.   1950.   1480.
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4865-    PBAR    450007  1       100.    120.07  120.07  91.088
4866-    PBAR    1070311 7075    2.100   13.035  6.442   .0
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4872-    PBAR    1210213 7075    .643    .3418   2.0812  .0
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4874-    PBAR    1210612 7075    .643    .3418   2.0812  .0
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4878-	PBAR	1865100	2014	.4237	.0703	.5	.215
4879-	PBAR	1865400	2014	.4237	.0703	.5	.215
4880-	PBAR	1865600	2014	.4237	.0703	.5	.215
4881-	PBAR	1865900	2014	.4237	.0703	.5	.215
4882-	PBAR	1866100	2014	.4237	.0703	.5	.215
4883-	PBAR	1866900	2014	.4237	.0703	.5	.215
4884-	PBAR	1874142	2014	1.828	.087	.574	.26
4885-	PBAR	1874151	2014	.5688	.00074	.981	.003
4886-	PBAR	1874243	2014	2.133	.537	1.937	.453
4887-	PBAR	1874344	2014	.9275	.0	.407	.0
4888-	PBAR	1874363	2014	.512	.0	.179	.0
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4890-	PBAR	1874546	2014	.9275	.0	.407	.0
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4894-	PBAR	1874767	2014	.512	.0	.179	.0
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4897-	PBAR	1875152	2014	1.5	.0703	.5	.215
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4907-	PBAR	1876162	2014	1.828	.087	.574	.26
4908-	PBAR	1876263	2014	2.133	.537	1.937	.453
4909-	PBAR	1876364	2014	1.1325	.0	.497	.0
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4915-	PBAR	1876869	2014	1.828	.087	.574	.26
4916-	PBAR	1974100	2014	.694	.208	1.302	.624
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4918	PBAR	1974151	2014	1.845	.0258	3.113	.103
4919-	PBAR	1974243	2014	1.65	.0495	1.04	.171
4920-	PBAR	1974252	2014	.825	.0062	.52	.023
4921-	PBAR	1974345	2014	1.65	.0	1.04	.0
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4924-	PBAR	1974748	2014	1.65	.0495	1.04	.171
4925-	PBAR	1974767	2014	.825	.0	.52	.0
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4927-	PBAR	1974858	2014	.825	.0062	.52	.023
4928-	PBAR	1974900	2014	.694	.208	1.302	.624
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4931-	PBAR	1975152	2014	1.283	.113	2.156	.0749
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4938-	PBAR	1976162	2014	2.019	.437	13.573	.174
4939-	PBAR	1976263	2014	2.0625	.0967	1.3	.32
4940-	PBAR	1976365	2014	2.0625	.0	1.3	.0

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4943-	PBAR	1976869	2014	2.019	.437	13.575	.174
4944-	PBAR	2124143	2014	1.562	.725	1.422	.0634
4945-	PBAR	2124345	2014	.8124	.0	.3427	.00756
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4948-	PBAR	2134103	2014	.4693	.0472	.8992	.1643
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4954-	PBAR	3440012	2014	1.405	2.216	.0	.0
4955-	PBAR	3570301	4340	.89	.0	.0	.0
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4957-	PBAR	3804013	1	37.56	2301.9	2419.0	1113.3
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4966-	PBAR	4020091	4620	1.1090	.2393	.2393	.4787
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4969-	PBAR	4020094	4620	1.0034	.1790	.1790	.3580
4970-	PBAR	4020095	4620	1.1242	.1838	.1838	.3675
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4972-	PBAR	4020097	4620	.6437	.07945	.07945	.1589
4973-	PBAR	4020098	4620	.6511	.08074	.08074	.1615
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4995-	PBAR	6241922	2014	.54348	.02604	.65104	.09104
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4998-	PBAR	6341922	2014	.532	.02781	.32009	.09058
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5003-	PBAR	7222813	2014	1.790	.20869	1.02299	.09952
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5005-	PBAR	7222821	2014	1.34058	.52308	.99587	.00910
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5172-     SEQGP   4661    9               4669  21  6123  16
5173-     SEQGP   6137    18      6139    20  6141  13  6143  28
5174-     SEQGP   6147    36      6149    19  6161  24  6163  25
5175-     SEQGP   6167    31      6169    32  6171  23
5176-     SEQGP   6179    38      7031    29  7033  30  7037  34
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5183-     SEQGP   9307    97      9313    73  9317  75  9331  58
5184-     SEQGP   9333    59      9337    61  9339  66  9341  71
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5187-     SEQGP   9373    81      9377    82  9379  84  11300 92
5188-     SEQGP   11503   94      11507   95  11531 72  11533 74
5189-     SEQGP   11537   77      11539   80  11543 76  11547 79
5190-     SEQGP   11561   83      11563   78  11567 87  11569 88
5191-     SEQGP   11571   85      11579   89  11700 93  13500 144
5192-     SEQGP   13801   132     13803   116 13807 117 13809 138
5193-     SEQGP   13821   109     13823   111 13827 113 13829 121
5194-     SEQGP   13831   90      13833   91  13837 99  13839 102
5195-     SEQGP   13841   108     13843   98  13847 101 13848 122
5196-     SEQGP   13849   120     13861   103 13863 100 13867 104
5197-     SEQGP   13869   106     13871   105 13879 107 14801 131
5198-     SEQGP   14803   135     14807   139 14809 149 14821 133
5199-     SEQGP   14823   114     14827   125 14829 159 14831 110
5200-     SEQGP   14833   112     14837   124 14839 123 14841 134
5201-     SEQGP   14843   115     14847   119 14849 153 14861 126
5202-     SEQGP   14863   118     14867   127 14869 129 14881 128
5203-     SEQGP   14883   150     14887   151 14889 130 15212 141
5204-     SEQGP   15218   161     15601   171 15603 172 15607 178
```

5205-	SEQGP	15609	207	15621	142	15623	137	15625	143
5206-	SEQGP	15627	160	15629	152	15633	136	15637	154
5207-	SEQGP	16481	163	16483	166	16485	193	16487	169
5208-	SEQGP	16489	167	17100	140	18601	177	18603	218
5209-	SEQGP	18607	219	18609	209	18621	170	18623	173
5210-	SEQGP	18625	174	18627	179	18629	175	18631	145
5211-	SEQGP	18633	182	18635	220	18637	200	18639	156
5212-	SEQGP	18641	146	18642	150	18643	181	18644	228
5213-	SEQGP	18645	230	18646	249	18647	199	18648	196
5214-	SEQGP	18649	155	18651	147	18652	164	18653	197
5215-	SEQGP	18654	157	18656	148	18657	188	18658	202
5216-	SEQGP	18659	158	18661	152	18662	191	18663	211
5217-	SEQGP	18664	229	18665	257	18666	250	18667	215
5218-	SEQGP	18668	206	18669	165	18681	164	18683	210
5219-	SEQGP	18685	213	18687	214	18689	168	18983	256
5220-	SEQGP	18987	258	19741	135	19742	233	19743	279
5221-	SEQGP	19745	337	19747	296	19748	246	19749	198
5222-	SEQGP	19751	189	19752	234	19758	247	19759	203
5223-	SEQGP	19761	192	19762	242	19763	280	19765	339
5224-	SEQGP	19767	297	19768	252	19769	205	21183	305
5225-	SEQGP	21187	[illegible]	21321	186	21323	217	21325	221
5226-	SEQGP	21327	22	21329	224	21341	236	21343	238
5227-	SEQGP	21345	261	21347	263	21349	225	21361	235
5228-	SEQGP	21363	281	21364	267	21366	311	21367	269
5229-	SEQGP	21369	248	21383	339	21387	318	21485	368
5230-	SEQGP	21801	216	21803	227	21807	255	21809	223
5231-	SEQGP	21821	239	21823	240	21825	262	21827	264
5232-	SEQGP	21829	265	22312	203	22318	267	22701	259
5233-	SEQGP	22703	275	22707	303	22709	266	22721	285
5234-	SEQGP	22723	288	22725	299	22727	312	22729	270
5235-	SEQGP	23100	237	25001	306	25003	309	25007	313
5236-	SEQGP	25009	314	25021	286	25025	324	25029	272
5237-	SEQGP	25041	284	25045	320	25049	271	25061	282
5238-	SEQGP	25065	319	25069	273	26801	362	26809	363
5239-	SEQGP	26821	343	26825	325	26829	322	26841	342
5240-	SEQGP	26845	373	26849	323	26861	341	26865	328
5241-	SEQGP	26869	321	29905	436	29921	376	29925	375
5242-	SEQGP	29929	374	29941	431	29945	438	29949	371
5243-	SEQGP	29961	370	29965	372	29969	370	30045	407
5244-	SEQGP	31745	429	33845	444	33945	458	38045	460
5245-	SEQGP	40141	471	40142	464	40143	465	40145	462
5246-	SEQGP	40147	466	40148	470	40149	474	42245	464
5247-	SEQGP	44345	468	45245	472	46445	476	48045	479
5248-	SEQGP	51545	484	52045	485	61912	194	61913	243
5249-	SEQGP	61914	190	61916	187	61917	231	61918	183
5250-	SEQGP	61922	291	61923	241	61924	290	61926	278
5251-	SEQGP	61927	232	61928	277	61934	345	61935	284
5252-	SEQGP	61936	344	62211	347	62213	292	62217	276
5253-	SEQGP	62219	331	62221	346	62224	335	62226	336
5254-	SEQGP	62229	332	62231	389	62239	382	62811	333
5255-	SEQGP	62819	334	62821	387	62829	381	62831	392
5256-	SEQGP	62839	383	63411	384	63419	385	63421	386
5257-	SEQGP	63429	388	63431	410	63439	409	64211	411
5258-	SEQGP	64219	412	64221	413	64229	414	64231	415
5259-	SEQGP	64239	416	65011	430	65019	431	65021	432
5260-	SEQGP	65029	433	65031	434	65039	435	65911	445
5261-	SEQGP	65919	446	65921	447	65929	448	65931	449
5262-	SEQGP	65939	450	71912	212	71913	253	71914	204
5263-	SEQGP	71916	201	71917	244	71918	195	71922	300
5264-	SEQGP	71923	251	71924	299	71926	295	71927	245
5265-	SEQGP	71927	296	71934	317	71935	268	71936	316
5266-	SEQGP	72211	356	72213	301	72217	293	72219	348
5267-	SEQGP	7222	355	72224	352	72226	353	72229	349
5268-	SEQGP	72231	367	72239	366	72811	350	72819	351
5269-	SEQGP	72821	398	72829	393	72831	401	72839	394
5270-	SEQGP	73411	395	73419	396	73421	397	73429	399

```
5271-       SEQGP   73431   418     73439   417     74211   419     74219   420
5272-       SEQGP   74221   421     74229   422     74231   423     74239   424
5273-       SEQGP   75011   436     75019   437     75021   438     75029   439
5274-       SEQGP   75031   440     75039   441     75911   451     75919   452
5275-       SEQGP   75921   453     75929   454     75931   455     75939   456
5276-       SEQGP   122400  425     123667  298     123687  354     124800  400
5277-       SEQGP   125063  340     125065  326     125067  327     125383  390
5278-       SEQGP   125387  377     126863  378     126867  369     127200  426
5279-       SEQGP   189073  306     189077  306     200070  403     200078  359
5280-       SEQGP   200079  405     200086  428     200087  427     200095  443
5281-       SEQGP   200096  442     200101  457     200106  459     200114  461
5282-       SEQGP   200121  463     200129  467     200137  471     200145  475
5283-       SEQGP   200153  477     200155  480     211001  357     211002  329
5284-       SEQGP   211073  360     211077  361     214075  406     214901  302
5285-       SEQGP   214902  274     215101  254     215102  226     215201  208
5286-       SEQGP   215202  176     222001  358     222002  330     222201  365
5287-       SEQGP   222202  364     222301  315     222302  310     223401  402
5288-       SEQGP   223402  380     520018  488     520024  486     520057  489
5289-       SEQGP   520065  490     520068  487     520079  491     520135  492
5290-       SEQGP   520139  493
5291-       SEQGP   520152  494
5292-       SEQGP   520185  495
5293-       SUPORT  15625   1
5294-       SUPORT  18625   2
5295-       SUPORT  18641   3
5296-       SUPORT  21325   2
5297-       SUPORT  21341   3
5298-       SUPORT  21349   3
            ENDDATA
```

NATURAL FREQUENCIES AND MODE SHAPES

N A S T R A N S O U R C E P R O G R A M C O M P I L A T I O N

DMAP-DMAP INSTRUCTION NO.

*** USER WARNING MESSAGE 54, PARAMETER NAMED LMODES NOT REFERENCED

NO ERRORS FOUND - EXECUTE NASTRAN PROGRAM

NATURAL FREQUENCIES AND MODE SHAPES
CONTINUATION OF CHECKPOINT DICTIONARY

1.	XVPS	.	FLAGS # 0.	REEL #	1.	FILE #	5	
2.	REENTER AT DMAP SEQUENCE NUMBER		6					
3.	GPL	.	FLAGS # 0.	REEL #	1.	FILE #	6	
4.	EQEXIN	.	FLAGS # 0.	REEL #	1.	FILE #	7	
5.	GPDT	.	FLAGS # 0.	REEL #	1.	FILE #	8	
6.	CSTM	.	FLAGS # 0.	REEL #	1.	FILE #	9	
7.	BGPDT	.	FLAGS # 0.	REEL #	1.	FILE #	10	
8.	SIL	.	FLAGS # 0.	REEL #	1.	FILE #	11	
9.	XVPS	.	FLAGS # 0.	REEL #	1.	FILE #	12	
10.	REENTER AT DMAP SEQUENCE NUMBER		8					
11.	ECT	.	FLAGS # 0.	REEL #	1.	FILE #	13	
12.	XVPS	.	FLAGS # 0.	REEL #	1.	FILE #	14	

NATURAL FREQUENCIES AND MODE SHAPES

ADDITIONS TO CHECKPOINT DICTIONARY

```
      13,   REENTER AT DMAP SEQUENCE NUMBER    19
      14,   XVPS     ,  FLAGS # 0,  REEL # 1,  FILE #     15
      15,   PLTPAR   ,  FLAGS # 0,  REEL # 0,  FILE #      0
      16,   GPSETS   ,  FLAGS # 0,  REEL # 0,  FILE #      0
      17,   CSETS    ,  FLAGS # 0,  REEL # 0,  FILE #      0

      18,   REENTER AT DMAP SEQUENCE NUMBER    21
      19,   XVPS     ,  FLAGS # 0,  REEL # 1,  FILE #     16
      20,   GPTT     ,  FLAGS # 0,  REEL # 0,  FILE #      0

*** USER WARNING MESSAGE 2015, EITHER NO ELEMENTS CONNECT
    INTERNAL GRID POINT     136   OR IT IS CONNECTED TO A RIGID ELEMENT OR A GENERAL ELEMENT.

*** USER WARNING MESSAGE 2015, EITHER NO ELEMENTS CONNECT
    INTERNAL GRID POINT     156   OR IT IS CONNECTED TO A RIGID ELEMENT OR A GENERAL ELEMENT.

*** USER WARNING MESSAGE 2015, EITHER NO ELEMENTS CONNECT
    INTERNAL GRID POINT     420   OR IT IS CONNECTED TO A RIGID ELEMENT OR A GENERAL ELEMENT.

*** USER WARNING MESSAGE 2015, EITHER NO ELEMENTS CONNECT
    INTERNAL GRID POINT     421   OR IT IS CONNECTED TO A RIGID ELEMENT OR A GENERAL ELEMENT.

      21,   REENTER AT DMAP SEQUENCE NUMBER    26
      22,   EST      ,  FLAGS # 0,  REEL # 1,  FILE #     17
      23,   ECPT     ,  FLAGS # 0,  REEL # 1,  FILE #     18
      24,   GPCT     ,  FLAGS # 0,  REEL # 1,  FILE #     19
      25,   XVPS     ,  FLAGS # 0,  REEL # 1,  FILE #     20
      26,   UCI      ,  FLAGS # 0,  REEL # 0,  FILE #      0
      27,   USPST    ,  FLAGS # 0,  REEL # 0,  FILE #      0


      28,   REENTER AT DMAP SEQUENCE NUMBER    28
      29,   KGGX     ,  FLAGS # 0,  REEL # 1,  FILE #     21
      30,   GPST     ,  FLAGS # 0,  REEL # 1,  FILE #     22
      31,   XVPS     ,  FLAGS # 0,  REEL # 1,  FILE #     23

      32,   REENTER AT DMAP SEQUENCE NUMBER    32
      33,   MGG      ,  FLAGS # 0,  REEL # 1,  FILE #     24
      34,   XVPS     ,  FLAGS # 0,  REEL # 1,  FILE #     25


*** USER WARNING MESSAGE 3041

EXTERNAL GRID POINT        0 DOES NOT EXIST OR IS NOT A GEOMETRIC GRID POIN
THE BASIC ORIGIN WILL BE USED.
```

NATURAL FREQUENCIES AND MODE SHAPES

OUTPUT FROM GRID POINT WEIGHT GENERATOR

REFERENCE POINT # 0

M O

8.914488E 03	4.856202E-07	5.609684E-06	-1.902740E-04	6.187451E 05	-1.281968E 01
4.856202E-07	8.914488E 03	-8.185852E-07	-6.187451E 05	1.490546E-04	1.722375E 06
5.609684E-06	-8.185852E-07	8.914488E 03	1.282004E 01	-1.722375E 06	-6.491452E-05
-1.902740E-04	-6.187451E 05	1.282004E 01	5.635890E 07	-1.266705E 05	-1.242258E 08
6.187451E 05	1.490546E-04	-1.722375E 06	-1.266705E 05	4.378860E 08	-4.626289E 04
-1.281968E 01	1.722375E 06	-6.491452E-05	-1.242258E 08	-4.626289E 04	3.865687E 08

S

1.000000E 00	0.0	0.0
0.0	1.000000E 00	0.0
0.0	0.0	1.000000E 00

DIRECTION MASS AXIS SYSTEM (S)	MASS	X-C.G.	Y-C.G.	Z-C.G.
X	8.914488E 03	-2.134436E-08	1.438072E-03	6.940892E 01
Y	8.914488E 03	1.932107E 02	1.672049E-08	6.940892E 01
Z	8.914488E 03	1.932107E 02	1.438112E-03	-7.281912E-09

I(S)

1.341248E 07	1.241935E 05	4.677728E 06
1.241935E 05	6.215848E 07	4.537309E 04
4.677728E 06	4.537309E 04	5.378765E 07

I(Q)

1.287734E 07		
	5.432202E 07	
		6.215914E 07

Q

9.935238E-01	-1.135785E-01	3.222838E-03
-2.380364E-03	7.552382E-03	9.999686E-01
-1.135993E-01	-9.935004E-01	7.233109E-03

NATURAL FREQUENCIES AND MODE SHAPES

ADDITIONS TO CHECKPOINT DICTIONARY

35.	REENTER AT DMAP SEQUENCE NUMBER		39					
36.	MGGX	.	FLAGS # 4.	REEL #	1.	FILE #	21	
37.	MGG	.	FLAGS # 4.	REEL #	1.	FILE #	21	
38.	KVPS	.	FLAGS # 0.	REEL #	1.	FILE #	26	
39.	REENTER AT DMAP SEQUENCE NUMBER		50					
40.	PG	.	FLAGS # 0.	REEL #	1.	FILE #	27	
41.	USET	.	FLAGS # 0.	REEL #	1.	FILE #	28	
42.	KVPS	.	FLAGS # 0.	REEL #	1.	FILE #	29	
43.	KRR	.	FLAGS # 0.	REEL #	0.	FILE #	0	
44.	KLR	.	FLAGS # 0.	REEL #	0.	FILE #	0	
45.	KM	.	FLAGS # 0.	REEL #	0.	FILE #	0	
46.	MLR	.	FLAGS # 0.	REEL #	0.	FILE #	0	
47.	MR	.	FLAGS # 0.	REEL #	0.	FILE #	0	
48.	PM	.	FLAGS # 0.	REEL #	0.	FILE #	0	
49.	PG	.	FLAGS # 0.	REEL #	0.	FILE #	0	
50.	KFS	.	FLAGS # 0.	REEL #	0.	FILE #	0	
51.	PS	.	FLAGS # 0.	REEL #	0.	FILE #	0	
52.	KNN	.	FLAGS # 0.	REEL #	0.	FILE #	0	
53.	MNN	.	FLAGS # 0.	REEL #	0.	FILE #	0	

NATURAL FREQUENCIES AND MODE SHAPES

*** USER WARNING MESSAGE 3017

ONE OR MORE POTENTIAL SINGULARITIES HAVE NOT BEEN REMOVED BY SINGLE OR MULTI-POINT CONSTRAINTS.

NATURAL FREQUENCIES AND MODE SHAPES

G R I D P O I N T S I N G U L A R I T Y T A B L E SPC 0 MPC 1000

POINT ID.	TYPE	SINGULARITY ORDER	LIST OF COORDINATE COMBINATIONS THAT WILL REMOVE SINGULARITY STRONGEST COMBINATION		WEAKER COMBINATION	WEAKEST COMBINATION
7505	G	3	1	2	3	
7505	G	3	4	5	6	
15212	G	3	4	5	6	
15218	G	3	4	5	6	
124800	G	3	1	2	3	
124800	G	3	4	5	6	

*** USER INFORMATION MESSAGE 3028, B = 10 RBAR = 3
C = 7 CBAR = 24
R = 12

*** USER INFORMATION MESSAGE 3027, UNSYMMETRIC REAL DECOMPOSITION TIME ESTIMATE IS 1 SECONDS.

NATURAL FREQUENCIES AND MODE SHAPES

ADDITIONS TO CHKPNT DICTIONARY

```
      54.   REENTER AT DMAP SEQUENCE NUMBER    58
      55.   GM       .   FLAGS # 0.   REEL # 1.   FILE #     30
      56.   XVPS     .   FLAGS # 0.   REEL # 1.   FILE #     31

      57.   REENTER AT DMAP SEQUENCE NUMBER    60
      58.   KNN      .   FLAGS # 0.   REEL # 1.   FILE #     32
      59.   MNN      .   FLAGS # 0.   REEL # 1.   FILE #     33
      60.   XVPS     .   FLAGS # 0.   REEL # 1.   FILE #     34

      61.   REENTER AT DMAP SEQUENCE NUMBER    63
      62.   XVPS     .   FLAGS # 0.   REEL # 1.   FILE #     35
      63.   KFF      .   FLAGS # 0.   REEL # 0.   FILE #      0
      64.   MFF      .   FLAGS # 0.   REEL # 0.   FILE #      0

      65.   REENTER AT DMAP SEQUENCE NUMBER    66
      66.   KFS      .   FLAGS # 0.   REEL # 1.   FILE #     36
      67.   KFF      .   FLAGS # 0.   REEL # 1.   FILE #     37
      68.   MFF      .   FLAGS # 0.   REEL # 1.   FILE #     38
      69.   XVPS     .   FLAGS # 0.   REEL # 1.   FILE #     39

      70.   REENTER AT DMAP SEQUENCE NUMBER    49
      71.   XVPS     .   FLAGS # 0.   REEL # 1.   FILE #     40
      72.   KAA      .   FLAGS # 0.   REEL # 0.   FILE #      0
      73.   MAA      .   FLAGS # 0.   REEL # 0.   FILE #      0

*** USER INFORMATION MESSAGE 3023.          B #   180
                                           C #    49
                                           R #   179

*** USER INFORMATION MESSAGE 3027, SYMMETRIC REAL DECOMPOSITION TIME ESTIMATE IS      120  SECONDS.

      74.   REENTER AT DMAP SEQUENCE NUMBER    72
      75.   GO       .   FLAGS # 0.   REEL # 1.   FILE #     41
      76.   KAA      .   FLAGS # 0.   REEL # 1.   FILE #     42
      77.   XVPS     .   FLAGS # 0.   REEL # 1.   FILE #     43

      78.   REENTER AT DMAP SEQUENCE NUMBER    74
      79.   MAA      .   FLAGS # 0.   REEL # 1.   FILE #     44
      80.   XVPS     .   FLAGS # 0.   REEL # 1.   FILE #     45

      81.   REENTER AT DMAP SEQUENCE NUMBER    78
      82.   KLL      .   FLAGS # 0.   REEL # 1.   FILE #     46
      83.   KLR      .   FLAGS # 0.   REEL # 1.   FILE #     47
      84.   KRR      .   FLAGS # 0.   REEL # 1.   FILE #     48
      85.   MLL      .   FLAGS # 0.   REEL # 1.   FILE #     49
      86.   MLR      .   FLAGS # 0.   REEL # 1.   FILE #     50
      87.   MRR      .   FLAGS # 0.   REEL # 1.   FILE #     51
      88.   XVPS     .   FLAGS # 0.   REEL # 1.   FILE #     52

*** USER INFORMATION MESSAGE 3023.          B #   235
                                           C #     0
                                           R #   234

*** USER INFORMATION MESSAGE 3027, SYMMETRIC REAL DECOMPOSITION TIME ESTIMATE IS        5  SECONDS.
```

```
89.   REENTER AT LMAP SEQUENCE NUMBER    80
90.   ULL     .   FLAGS # 0.   REEL # 1.   FILE #    53
91.   LLL     .   FLAGS # 0.   REEL # 1.   FILE #    54
92.   XVPS    .   FLAGS # 0.   REEL # 1.   FILE #    55
```

NATURAL FREQUENCIES AND MODE SHAPES

*** USER INFORMATION MESSAGE 3035

FOR LOAD 0 EPSILON SUB E # 1.1635915E-04

NATURAL FREQUENCIES AND MODE SHAPES

ADDITIONS TO CHECKPOINT DICTIONARY

```
   93,   REENTER AT DMAP SEQUENCE NUMBER    82
   94,   DM      , FLAGS # 0,  REEL # 1,  FILE #    56
   95,   XVPS    , FLAGS # 0,  REEL # 1,  FILE #    57

   96,   REENTER AT DMAP SEQUENCE NUMBER    84
   97,   MR      , FLAGS # 0,  REEL # 1,  FILE #    58
   98,   XVPS    , FLAGS # 0,  REEL # 1,  FILE #    59


   99,   REENTER AT DMAP SEQUENCE NUMBER    89
  100,   FED     , FLAGS # 0,  REEL # 1,  FILE #    60
  101,   XVPS    , FLAGS # 0,  REEL # 1,  FILE #    61

*** USER INFORMATION MESSAGE 2016, GIVENS TIME ESTIMATE IS      300 SECONDS.
                                  PROBLEM SIZE IS      241, SPILL WILL OCCUR FOR THIS CORE AT A PROBLEM SIZE OF      456 .

*** USER INFORMATION MESSAGE 3023,          B #   241
                                           C #     0
                                           R #   240

*** USER INFORMATION MESSAGE 3027, SYMMETRIC REAL DECOMPOSITION TIME ESTIMATE IS        5  SECONDS.

IHC20BI IBCOM - PROGRAM INTERRUPT (PI) -  UNDERFLOW   OLD PSW IS  071000006242430C . REGISTER CONTAINED   7FF80482433B8F58

TRACEBACK  ROUTINE  CALLED FROM ISN   REG.  14   REG.  15   REG.   0   REG.   1

            QRITER              0043   42426580   00423B68   00000000   00426300

            VALVEC              0164   42423254   00426258   01E22710   00000000

              REIG              0168   42420AE2   004225E8   00000056   00000000

            XSEM06                     6241E182   0041FE00   0041E0F8   0041260C

           LINKNS06                    42412448   0041E0F8   0041E0F8   00412624

            DSSNJ6                     00000C90   01412330   00D2F8B0   004FEFF8

ENTRY POINT  01412330

STANDARD FIXUP TAKEN , EXECUTION CONTINUING

IHC20BI IBCOM - PROGRAM INTERRUPT (PI) -  UNDERFLOW   OLD PSW IS  071000006242408C . REGISTER CONTAINED   7FC89158754296E

TRACEBACK  ROUTINE  CALLED FROM ISN   REG.  14   REG.  15   REG.   0   REG.   1

            QRITER              0043   42426580   00423B68   00000000   00426300

            VALVEC              0164   42423254   00426258   01E22710   00000000

              REIG              0168   42420AE2   004225E8   00000056   00000000

            XSEM06                     6241E182   0041FE00   0041E0F8   0041260C
```

```
          LINKNS06                  42612448   0041E0F8   0041E0F8   00412624

          DSSN06                    00000C90   01412330   0002FH80   004EEFF8

ENTRY POINT= 01412330

STANDARD FIXUP TAKEN , EXECUTION CONTINUING

      102.   REENTER AT IMAP SEQUENCE NUMBER    92
      103.   LAMA     .   FLAGS # 0.   REEL # 1.   FILE #    62
      104.   PMIA     .   FLAGS # 0.   REEL # 1.   FILE #    63
      105.   MI       .   FLAGS # 0.   REEL # 1.   FILE #    64
      106.   OEIGS    .   FLAGS # 0.   REEL # 1.   FILE #    65
      107.   XVPS     .   FLAGS # 0.   REEL # 1.   FILE #    66
```

NATURAL FREQUENCIES AND MODE SHAPES

REAL EIGENVALUES

MODE NO.	EXTRACTION ORDER	EIGENVALUE	RADIANS	CYCLES	GENERALIZED MASS	GENERALIZED STIFFNESS
1	1	0.0	0.0	0.0	2.242546E 01	0.0
2	2	0.0	0.0	0.0	1.795446E 00	0.0
3	3	0.0	0.0	0.0	1.550286E 00	0.0
4	4	0.0	0.0	0.0	5.629659E 00	0.0
5	5	0.0	0.0	0.0	5.948080E 00	0.0
6	6	0.0	0.0	0.0	6.460708E 00	0.0
7	241	3.607830E 02	1.899429E 01	3.023036E 00	3.387295E 00	1.222578E 03
8	240	4.359756E 02	2.088004E 01	3.323161E 00	5.676525E 00	2.474826E 03
9	239	1.936966E 03	4.401097E 01	7.004564E 00	4.024283E-01	7.794900E 02
10	238	2.469902E 03	4.969810E 01	7.909730E 00	5.953523E-01	1.470462E 03
11	237	8.380199E 03	9.154343E 01	1.456959E 01	2.701260E-01	2.263709E 03
12	236	8.954926E 03	9.463048E 01	1.506091E 01	1.918383E 00	1.717897E 04
13	235	1.056438E 04	1.027832E 02	1.635844E 01	1.259106E 00	1.330379E 04
14	234	1.174621E 04	1.083799E 02	1.724921E 01	7.936093E-01	9.321902E 03
15	233	1.273281E 04	1.128399E 02	1.795900E 01	2.763506E-01	3.518719E 03
16	232	1.512034E 04	1.229648E 02	1.957045E 01	4.753284E 00	7.187125E 04
17	231	1.553435E 04	1.246369E 02	1.983656E 01	3.218142E-01	4.999172E 03
18	230	1.646954E 04	1.283337E 02	2.042494E 01	2.728691E 00	4.494028E 04
19	229	2.106075E 04	1.471759E 02	2.342377E 01	2.536065E-01	5.493305E 03
20	228	2.253[illegible]E 04	1.501142E 02	2.389140E 01	1.172[illegible]E 00	2.641217E 04
21	227	2.371601E 04	1.540000E 02	2.453907E 01	1.895433E 00	4.495212E 04
22	226	2.449307E 04	1.563768E 02	2.491762E 01	1.979132E 00	4.839534E 04
23	225	2.556933E 04	1.598868E 02	2.544678E 01	1.756443E-01	4.490133E 03
24	224	2.669503E 04	1.693961E 02	2.696022E 01	5.153220E-01	1.478718E 04
25	223	3.245896E 04	1.801637E 02	2.867395E 01	2.050624E-01	6.656109E 03
26	222	4.061179E 04	2.015237E 02	3.207344E 01	2.288087E 00	9.292325E 04
27	221	4.249005E 04	2.061312E 02	3.280679E 01	1.134236E 00	4.819376E 04
28	220	4.612669E 04	2.147712E 02	3.418190E 01	2.137537E 00	9.859750E 04
29	219	5.430755E 04	2.330398E 02	3.708943E 01	3.875319E 00	2.104591E 05
30	218	5.673557E 04	2.381923E 02	3.790948E 01	1.834034E 00	1.040549E 05
31	217	6.452066E 04	2.540092E 02	4.042682E 01	0.0	0.0
32	216	6.816444E 04	2.610833E 02	4.155269E 01	0.0	0.0
33	215	7.692900E 04	2.773608E 02	4.414336E 01	0.0	0.0
34	214	8.111950E 04	2.848149E 02	4.532971E 01	0.0	0.0
35	213	8.666050E 04	2.943816E 02	4.685228E 01	0.0	0.0
36	212	9.027869E 04	3.004641E 02	4.782034E 01	0.0	0.0
37	211	9.498113E 04	3.081902E 02	4.904949E 01	0.0	0.0
38	210	1.035504E 05	3.217925E 02	5.121486E 01	0.0	0.0
39	209	1.067862E 05	3.267815E 02	5.200890E 01	0.0	0.0
40	208	1.124016E 05	3.352632E 02	5.335880E 01	0.0	0.0
41	207	1.130944E 05	3.362952E 02	5.352304E 01	0.0	0.0
42	206	1.202886E 05	3.468264E 02	5.519914E 01	0.0	0.0
43	205	1.280664E 05	3.578638E 02	5.695580E 01	0.0	0.0
44	204	1.309249E 05	3.618354E 02	5.758791E 01	0.0	0.0
45	203	1.359809E 05	3.687559E 02	5.868932E 01	0.0	0.0
46	202	1.417376E 05	3.764805E 02	5.991873E 01	0.0	0.0
47	201	1.453545E 05	3.812539E 02	6.067845E 01	0.0	0.0
48	200	1.536704E 05	3.920081E 02	6.239003E 01	0.0	0.0
49	199	1.552719E 05	3.940457E 02	6.271432E 01	0.0	0.0
50	198	1.676789E 05	4.094861E 02	6.517174E 01	0.0	0.0
51	197	1.748746E 05	4.181802E 02	6.655545E 01	0.0	0.0
52	196	1.778414E 05	4.217124E 02	6.711761E 01	0.0	0.0
53	195	1.804227E 05	4.247620E 02	6.760297E 01	0.0	0.0
54	194	2.173794E 05	4.659182E 02	7.415320E 01	0.0	0.0
55	193	2.305414E 05	4.801472E 02	7.641782E 01	0.0	0.0
56	192	2.362982E 05	4.861052E 02	7.736606E 01	0.0	0.0

57	191	2.492776E 05	4.992771E 02	7.946243E 01	0.0	0.0
58	190	2.675398E 05	5.172424E 02	8.232170E 01	0.0	0.0
59	189	2.764104E 05	5.257476E 02	8.367536E 01	0.0	0.0
60	188	2.844234E 05	5.333135E 02	8.487949E 01	0.0	0.0
61	187	2.915653E 05	5.399678E 02	8.593855E 01	0.0	0.0
62	186	3.184836E 05	5.643435E 02	8.981807E 01	0.0	0.0
63	185	3.273151E 05	5.721145E 02	9.105486E 01	0.0	0.0
64	184	3.309820E 05	5.753103E 02	9.156349E 01	0.0	0.0
65	183	3.407494E 05	5.837375E 02	9.290472E 01	0.0	0.0
66	182	3.984754E 05	6.312490E 02	1.004664E 02	0.0	0.0
67	181	4.121774E 05	6.420105E 02	1.021792E 02	0.0	0.0
68	180	4.326353E 05	6.577502E 02	1.046842E 02	0.0	0.0
69	179	4.361196E 05	6.603936E 02	1.051044E 02	0.0	0.0
70	178	4.413412E 05	6.643352E 02	1.057322E 02	0.0	0.0
71	177	4.457734E 05	6.676626E 02	1.062618E 02	0.0	0.0
72	176	4.940002E 05	7.028516E 02	1.118623E 02	0.0	0.0
73	175	5.096271E 05	7.138816E 02	1.136174E 02	0.0	0.0
74	174	5.601388E 05	7.484241E 02	1.191154E 02	0.0	0.0
75	173	5.697431E 05	7.548132E 02	1.201323E 02	0.0	0.0
76	172	5.802934E 05	7.617700E 02	1.212395E 02	0.0	0.0
77	171	5.911823E 05	7.688838E 02	1.223717E 02	0.0	0.0
78	170	5.995319E 05	7.742944E 02	1.232328E 02	0.0	0.0
79	169	6.327922E 05	7.954824E 02	1.266350E 02	0.0	0.0
80	168	6.607009E 05	8.128352E 02	1.293668E 02	0.0	0.0
81	167	6.920153E 05	8.314745E 02	1.323970E 02	0.0	0.0
82	166	6.945229E 05	8.333804E 02	1.326366E 02	0.0	0.0
83	165	7.118594E 05	8.437178E 02	1.342819E 02	0.0	0.0
84	164	7.269891E 05	8.526365E 02	1.357013E 02	0.0	0.0
85	163	7.570160E 05	8.700667E 02	1.384754E 02	0.0	0.0
86	162	7.726827E 05	8.790237E 02	1.399010E 02	0.0	0.0
87	161	8.775559E 05	9.367795E 02	1.490931E 02	0.0	0.0
88	160	9.450143E 05	9.721184E 02	1.547175E 02	0.0	0.0
89	159	9.626791E 05	9.811621E 02	1.561568E 02	0.0	0.0
90	158	1.065395E 06	1.032180E 03	1.642765E 02	0.0	0.0
91	157	1.123412E 06	1.059911E 03	1.686902E 02	0.0	0.0
92	156	1.150052E 06	1.072405E 03	1.706785E 02	0.0	0.0
93	155	1.263082E 06	1.123669E 03	1.788694E 02	0.0	0.0
94	154	1.513432E 06	1.230216E 03	1.957950E 02	0.0	0.0
95	153	1.585186E 06	1.259042E 03	2.003828E 02	0.0	0.0
96	152	1.595035E 06	1.262947E 03	2.010043E 02	0.0	0.0
97	151	1.682190E 06	1.296993E 03	2.064228E 02	0.0	0.0
98	150	1.723782E 06	1.312929E 03	2.089591E 02	0.0	0.0
99	149	1.831237E 06	1.353232E 03	2.153736E 02	0.0	0.0
100	148	1.955304E 06	1.398322E 03	2.225499E 02	0.0	0.0
101	147	2.046043E 06	1.430400E 03	2.276552E 02	0.0	0.0
102	146	2.128989E 06	1.459105E 03	2.322239E 02	0.0	0.0
103	145	2.146300E 06	1.465026E 03	2.331661E 02	0.0	0.0
104	144	2.200042E 06	1.483254E 03	2.360672E 02	0.0	0.0
105	143	2.268295E 06	1.506086E 03	2.397011E 02	0.0	0.0
106	142	2.322197E 06	1.523876E 03	2.425324E 02	0.0	0.0
107	141	2.354383E 06	1.534400E 03	2.442074E 02	0.0	0.0
108	140	2.386335E 06	1.544777E 03	2.458589E 02	0.0	0.0
109	139	2.421246E 06	1.556035E 03	2.476508E 02	0.0	0.0
110	138	2.580265E 06	1.606320E 03	2.556539E 02	0.0	0.0
111	137	2.634084E 06	1.622986E 03	2.583062E 02	0.0	0.0
112	136	2.744574E 06	1.656676E 03	2.636680E 02	0.0	0.0
113	135	2.859745E 06	1.691078E 03	2.691433E 02	0.0	0.0
114	134	2.969427E 06	1.723203E 03	2.742561E 02	0.0	0.0
115	133	3.088716E 06	1.757474E 03	2.797107E 02	0.0	0.0
116	132	3.178578E 06	1.782857E 03	2.837505E 02	0.0	0.0
117	131	3.410852E 06	1.846849E 03	2.939351E 02	0.0	0.0
118	130	3.437886E 06	1.854154E 03	2.950977E 02	0.0	0.0
119	129	3.532955E 06	1.879611E 03	2.991501E 02	0.0	0.0
120	128	3.559148E 06	1.886570E 03	3.002568E 02	0.0	0.0
121	127	3.642164E 06	1.908446E 03	3.037385E 02	0.0	0.0
122	126	3.840805E 06	1.959797E 03	3.119114E 02	0.0	0.0

123	125	3.881627E 06	1.970197E 03	4.135667E 02	0.0	0.0
124	124	4.101[illegible] 06	2.025230E 03	4.223252E 02	0.0	0.0
125	123	4.325[illegible] 06	2.079717E 03	4.309971E 02	0.0	0.0
126	122	4.462[illegible] 06	2.112535E 03	4.362202E 02	0.0	0.0
127	121	4.510[illegible] 06	2.123781E 03	4.380103E 02	0.0	0.0
128	120	4.560[illegible] 06	2.135643E 03	4.398982E 02	0.0	0.0
129	119	4.608[illegible] 06	2.158844E 03	4.435915E 02	0.0	0.0
130	118	4.862[illegible] 06	2.205096E 03	4.509515E 02	0.0	0.0
131	117	5.043[illegible] 06	2.245690E 03	4.574126E 02	0.0	0.0
132	116	5.120[illegible] 06	2.262848E 03	4.601433E 02	0.0	0.0
133	115	5.295[illegible] 06	2.301281E 03	4.662603E 02	0.0	0.0
134	114	5.361612E 06	2.315515E 03	4.685256E 02	0.0	0.0
135	113	5.401238E 06	2.324053E 03	4.698840E 02	0.0	0.0
136	112	5.457162E 06	2.336057E 03	4.717949E 02	0.0	0.0
137	111	5.475262E 06	2.339928E 03	4.724111E 02	0.0	0.0
138	110	5.538867E 06	2.364038E 03	4.762443E 02	0.0	0.0
139	109	6.109456E 06	2.471731E 03	4.933862E 02	0.0	0.0
140	108	6.287888E 06	2.507564E 03	4.990913E 02	0.0	0.0
141	107	6.358929E 06	2.521692E 03	4.013496E 02	0.0	0.0
142	106	6.471673E 06	2.543988E 03	4.048882E 02	0.0	0.0
143	105	6.588494E 06	2.566806E 03	4.085196E 02	0.0	0.0
144	104	6.735692E 06	2.595321E 03	4.130594E 02	0.0	0.0
145	103	6.912581E 06	2.629179E 03	4.[illegible]08E 02	0.0	0.0
146	102	7.110039E 06	2.666466E 03	4.243811E 02	0.0	0.0
147	101	7.142932E 06	2.672626E 03	4.253616E 02	0.0	0.0
148	100	7.488149E 06	2.736448E 03	4.355193E 02	0.0	0.0
149	99	8.066129E 06	2.840093E 03	4.520149E 02	0.0	0.0
150	98	8.093437E 06	2.844897E 03	4.527793E 02	0.0	0.0
151	97	8.172955E 06	2.858838E 03	4.549983E 02	0.0	0.0
152	96	8.590194E 06	2.930903E 03	4.666678E 02	0.0	0.0
153	95	9.180876E 06	3.029996E 03	4.822388E 02	0.0	0.0
154	94	9.266013E 06	3.044012E 03	4.844695E 02	0.0	0.0
155	93	9.523236E 06	3.085974E 03	4.911479E 02	0.0	0.0
156	92	9.562308E 06	3.092298E 03	4.921545E 02	0.0	0.0
157	91	9.775577E 06	3.126592E 03	4.976125E 02	0.0	0.0
158	90	1.006923E 07	3.173205E 03	5.050313E 02	0.0	0.0
159	89	1.029444E 07	3.208490E 03	5.106470E 02	0.0	0.0
160	88	1.091345E 07	3.303611E 03	5.257861E 02	0.0	0.0
161	87	1.121659E 07	3.349117E 03	5.330286E 02	0.0	0.0
162	86	1.156578E 07	3.403847E 03	5.417265E 02	0.0	0.0
163	85	1.164430E 07	3.412331E 03	5.430894E 02	0.0	0.0
164	84	1.168963E 07	3.419039E 03	5.441570E 02	0.0	0.0
165	83	1.201947E 07	3.466911E 03	5.517761E 02	0.0	0.0
166	82	1.263946E 07	3.555064E 03	5.658062E 02	0.0	0.0
167	81	1.290855E 07	3.592847E 03	5.718193E 02	0.0	0.0
168	80	1.294051E 07	3.597292E 03	5.725269E 02	0.0	0.0
169	79	1.326265E 07	3.641792E 03	5.796091E 02	0.0	0.0
170	78	1.358701E 07	3.686057E 03	5.866541E 02	0.0	0.0
171	77	1.440973E 07	3.796015E 03	6.041545E 02	0.0	0.0
172	76	1.467045E 07	3.830202E 03	6.095957E 02	0.0	0.0
173	75	1.538867E 07	3.922840E 03	6.243394E 02	0.0	0.0
174	74	1.705421E 07	4.129676E 03	6.572583E 02	0.0	0.0
175	73	1.743766E 07	4.175844E 03	6.646062E 02	0.0	0.0
176	72	1.760053E 07	4.195297E 03	6.677021E 02	0.0	0.0
177	71	1.798853E 07	4.241289E 03	6.750222E 02	0.0	0.0
178	70	1.811726E 07	4.256438E 03	6.774331E 02	0.0	0.0
179	69	1.970418E 07	4.438938E 03	7.064788E 02	0.0	0.0
180	68	1.992880E 07	4.464168E 03	7.104944E 02	0.0	0.0
181	67	2.024554E 07	4.499504E 03	7.161184E 02	0.0	0.0
182	66	2.102669E 07	4.585488E 03	7.298032E 02	0.0	0.0
183	65	2.154605E 07	4.641773E 03	7.387612E 02	0.0	0.0
184	64	2.215250E 07	4.706645E 03	7.490857E 02	0.0	0.0
185	63	2.355582E 07	4.853434E 03	7.724480E 02	0.0	0.0
186	62	2.403749E 07	4.902805E 03	7.803057E 02	0.0	0.0
187	61	2.422174E 07	4.921559E 03	7.832905E 02	0.0	0.0
188	60	2.454400E 07	4.954191E 03	7.884841E 02	0.0	0.0

189	53	2.561442E 07	5.061070E 03	9.054944E 02	0.0	0.0
190	58	2.629744E 07	5.124152E 03	8.161709E 02	0.0	0.0
191	57	2.673986E 07	5.171059E 03	8.229995E 02	0.0	0.0
192	56	2.746668E 07	5.288371E 03	8.416704E 02	0.0	0.0
193	55	2.861088E 07	5.348914E 03	8.513062E 02	0.0	0.0
194	54	2.923518E 07	5.406957E 03	8.605439E 02	0.0	0.0
195	53	3.043486E 07	5.516781E 03	8.780229E 02	0.0	0.0
196	52	3.082486E 07	5.553973E 03	8.837593E 02	0.0	0.0
197	51	3.096379E 07	5.566512E 03	8.856196E 02	0.0	0.0
198	50	3.134256E 07	5.598461E 03	8.910198E 02	0.0	0.0
199	49	3.301118E 07	5.745535E 03	9.144304E 02	0.0	0.0
200	48	3.318664E 07	5.760785E 03	9.168574E 02	0.0	0.0
201	47	3.482266E 07	5.901074E 03	9.391853E 02	0.0	0.0
202	46	3.674061E 07	6.061402E 03	9.647021E 02	0.0	0.0
203	45	3.753094E 07	6.126259E 03	9.750229E 02	0.0	0.0
204	44	4.090774E 07	6.395918E 03	1.017942E 03	0.0	0.0
205	43	4.429219E 07	6.655238E 03	1.059214E 03	0.0	0.0
206	42	4.934491E 07	7.024594E 03	1.117999E 03	0.0	0.0
207	41	5.182958E 07	7.199277E 03	1.145801E 03	0.0	0.0
208	40	5.295419E 07	7.276965E 03	1.158165E 03	0.0	0.0
209	39	5.714366E 07	7.559344E 03	1.203107E 03	0.0	0.0
210	38	5.717323E 07	7.561297E 03	1.203418E 03	0.0	0.0
211	37	5.892082E 07	7.675988E 03	1.221672E 03	0.0	0.0
212	36	7.522262E 07	8.713359E 03	1.386774E 03	0.0	0.0
213	35	7.702344E 07	8.776301E 03	1.396792E 03	0.0	0.0
214	34	8.486117E 07	9.212012E 03	1.466137E 03	0.0	0.0
215	33	8.516389E 07	9.228430E 03	1.468750E 03	0.0	0.0
216	32	9.086037E 07	9.532070E 03	1.517076E 03	0.0	0.0
217	31	9.586058E 07	9.790840E 03	1.558261E 03	0.0	0.0
218	30	1.036104E 08	1.017892E 04	1.620025E 03	0.0	0.0
219	29	1.078544E 08	1.038530E 04	1.652872E 03	0.0	0.0
220	28	1.174413E 08	1.083703E 04	1.724767E 03	0.0	0.0
221	27	1.208033E 08	1.099105E 04	1.749281E 03	0.0	0.0
222	26	1.231594E 08	1.109772E 04	1.766257E 03	0.0	0.0
223	25	1.248111E 08	1.117189E 04	1.778062E 03	0.0	0.0
224	24	1.359162E 08	1.165831E 04	1.855478E 03	0.0	0.0
225	23	1.396274E 08	1.181641E 04	1.880640E 03	0.0	0.0
226	22	1.459800E 08	1.208222E 04	1.922945E 03	0.0	0.0
227	21	1.625919E 08	1.275115E 04	2.029409E 03	0.0	0.0
228	20	1.655736E 08	1.286754E 04	2.047933E 03	0.0	0.0
229	19	1.922979E 08	1.386715E 04	2.207026E 03	0.0	0.0
230	18	1.929451E 08	1.389047E 04	2.210737E 03	0.0	0.0
231	17	2.011504E 08	1.418275E 04	2.257255E 03	0.0	0.0
232	16	2.264648E 08	1.504875E 04	2.395083E 03	0.0	0.0
233	15	2.363271E 08	1.537293E 04	2.446679E 03	0.0	0.0
234	14	2.405291E 08	1.550900E 04	2.468334E 03	0.0	0.0
235	13	2.782502E 08	1.668084E 04	2.654838E 03	0.0	0.0
236	12	3.172145E 08	1.781052E 04	2.834632E 03	0.0	0.0
237	11	3.353393E 08	1.831227E 04	2.914489E 03	0.0	0.0
238	10	3.488440E 08	1.867737E 04	2.972596E 03	0.0	0.0
239	9	3.793989E 08	1.947816E 04	3.100047E 03	0.0	0.0
240	8	8.176166E 08	2.859400E 04	4.550875E 03	0.0	0.0
241	7	9.765806E 08	3.125029E 04	4.973637E 03	0.0	0.0

NATURAL FREQUENCIES AND MODE SHAPES

E I G E N V A L U E A N A L Y S I S S U M M A R Y (GIVENS METHOD)

NUMBER OF EIGENVALUES EXTRACTED		241
NUMBER OF EIGENVECTORS COMPUTED		30
NUMBER OF EIGENVALUE CONVERGENCE FAILURES . .		0
NUMBER OF EIGENVECTOR CONVERGENCE FAILURES. .		0
REASON FOR TERMINATION.		1
LARGEST OFF-DIAGONAL MODAL MASS TERM.	0.0	
. . .		0
MODE PAIR.		
. . .		0
NUMBER OF OFF-DIAGONAL MODAL MASS TERMS FAILING CRITERION.		0

NATURAL FREQUENCIES AND MODE SHAPES

ADDITIONS TO CHECKPOINT DICTIONARY

108,	REENTER AT DMAP SEQUENCE NUMBER		97					
109,	PHIG	,	FLAGS # 0,	REEL #	1,	FILE #		67
110,	QG	,	FLAGS # 0,	REEL #	1,	FILE #		68
111,	XVPS	,	FLAGS # 0,	REEL #	1,	FILE #		69
112,	REENTER AT DMAP SEQUENCE NUMBER		100					
113,	SIL	,	FLAGS # 4,	REEL #	1,	FILE #		11
114,	SIP	,	FLAGS # 4,	REEL #	1,	FILE #		11
115,	BGPDT	,	FLAGS # 4,	REEL #	1,	FILE #		10
116,	BGPDP	,	FLAGS # 4,	REEL #	1,	FILE #		10
117,	XVPS	,	FLAGS # 0,	REEL #	1,	FILE #		70

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 0.0

REAL EIGENVECTOR NO. 1

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	9.994323E-01	1.311652E-04	[illegible]	0.0	0.0	0.0
3339	G	9.993953E-01	1.313696E-04	7.156234E-04	0.0	0.0	0.0
3341	G	9.995421E-01	2.539208E-04	[illegible]	0.0	0.0	0.0
3349	G	9.994484E-01	2.543363E-04	7.991050E-04	0.0	0.0	0.0
4631	G	9.994573E-01	5.155384E-05	1.477332E-04	0.0	0.0	0.0
4633	G	9.994067E-01	-4.161496E-05	[illegible]	0.0	0.0	0.0
4637	G	9.993417E-01	-4.135050E-05	6.806433E-04	0.0	0.0	0.0
4639	G	9.993705E-01	5.304720E-05	7.432946E-04	0.0	0.0	0.0
4641	G	9.995484E-01	2.417270E-04	1.233794E-04	0.0	0.0	0.0
4649	G	9.994454E-01	2.482170E-04	7.658335E-04	0.0	0.0	0.0
4661	G	9.996511E-01	4.474397E-04	1.935737E-04	0.0	0.0	0.0
4669	G	9.995330E-01	4.491545E-04	6.964202E-04	0.0	0.0	0.0
6123	G	9.993446E-01	-2.424826E-04	-2.371642E-05	0.0	0.0	0.0
6127	G	9.993035E-01	-2.393542E-04	6.033452E-04	0.0	0.0	0.0
6131	G	9.994241E-01	-8.965991E-05	-1.304781E-04	0.0	0.0	0.0
6133	G	9.994118E-01	-8.953195E-05	-2.550226E-05	0.0	0.0	0.0
6137	G	9.993364E-01	-9.337156E-05	6.070943E-04	0.0	0.0	0.0
6139	G	9.993243E-01	-9.495327E-05	6.899992E-04	0.0	0.0	0.0
6141	G	9.995195E-01	1.244637E-04	-1.473173E-04	0.0	0.0	0.0
6143	G	9.995116E-01	1.241803E-04	-3.106483E-05	0.0	0.0	0.0
6147	G	9.994505E-01	3.830458E-05	6.119905E-04	0.0	0.0	0.0
6149	G	9.993917E-01	3.776336E-05	6.942109E-04	0.0	0.0	0.0
6161	G	9.995885E-01	2.701723E-04	-1.595045E-04	0.0	0.0	0.0
6163	G	9.995612E-01	2.695881E-04	-3.377441E-05	0.0	0.0	0.0
6167	G	9.995263E-01	4.253928E-04	6.082547E-04	0.0	0.0	0.0
6169	G	9.994370E-01	4.296275E-04	7.041981E-04	0.0	0.0	0.0
6171	G	9.997184E-01	4.990916E-04	6.460692E-05	0.0	0.0	0.0
6173	G	9.995742E-01	4.927157E-04	6.243365E-04	0.0	0.0	0.0
7031	G	9.994324E-01	-1.231012E-04	0.0	0.0	0.0	0.0
7033	G	9.994130E-01	-1.236892E-04	-1.515949E-04	0.0	0.0	0.0
7037	G	9.993336E-01	-1.236832E-04	6.940610E-04	0.0	0.0	0.0
7039	G	9.993175E-01	-1.242489E-04	0.0	0.0	0.0	0.0
7043	G	9.995138E-01	0.0	-1.517855E-04	0.0	0.0	0.0
7047	G	9.994549E-01	0.0	6.946210E-04	0.0	0.0	0.0
7061	G	9.996107E-01	2.604302E-04	-6.932304E-04	0.0	0.0	0.0
7063	G	9.995865E-01	2.604306E-04	-1.518475E-04	0.0	0.0	0.0
7067	G	9.995375E-01	-6.426859E-05	6.951505E-04	0.0	0.0	0.0
7069	G	9.994972E-01	-6.426642E-05	-6.178264E-04	0.0	0.0	0.0
7071	G	9.791979E-01	0.0	-1.855696E-01	0.0	0.0	0.0
7079	G	9.791777E-01	0.0	-1.854796E-01	0.0	0.0	0.0
7505	G	9.991868E-01	-6.266409E-04	1.126577E-04	-3.228280E-05	1.243641E-05	-3.972293E-06
8300	G	9.996406E-01	6.039566E-04	3.516486E-05	0.0	0.0	0.0
8531	G	9.994537E-01	-1.803163E-04	0.0	0.0	0.0	0.0
8533	G	9.994130E-01	-1.811683E-04	-3.315497E-04	0.0	0.0	0.0
8537	G	9.993336E-01	-1.811693E-04	3.141062E-04	0.0	0.0	0.0
8539	G	9.993138E-01	-1.817174E-04	0.0	0.0	0.0	0.0
8543	G	9.995165E-01	0.0	-3.318838E-04	0.0	0.0	0.0
8547	G	9.994621E-01	0.0	3.132324E-04	0.0	0.0	0.0
8561	G	9.996546E-01	2.114587E-04	-1.004037E-03	0.0	0.0	0.0
8563	G	9.995922E-01	2.114613E-04	-3.326009E-04	0.0	0.0	0.0
8567	G	9.995551E-01	-1.140359E-04	3.123176E-04	0.0	0.0	0.0
8569	G	9.996791E-01	-1.140371E-04	-3.775269E-04	0.0	0.0	0.0
8571	G	9.791618E-01	0.0	-1.859004E-01	0.0	0.0	0.0
8579	G	9.790491E-01	0.0	-1.854399E-01	0.0	0.0	0.0
9303	G	9.992846E-01	-9.427778E-04	-3.507670E-04	0.0	0.0	0.0
9307	G	9.997469E-01	-9.449236E-04	3.556918E-04	0.0	0.0	0.0

9313		9.994883E-01	-7.968550E-04	-3.541382E-04	0.0	0.0	0.0
9317		9.997883E-01	-8.306280E-04	2.562830E-04	0.0	0.0	0.0
9331		9.994726E-01	-2.205756E-04	-4.156446E-04	0.0	0.0	0.0
9333		9.994134E-01	-2.209749E-04	-4.037526E-04	0.0	0.0	0.0
9337		9.993214E-01	-2.026789E-04	2.397243E-04	0.0	0.0	0.0
9339		9.993193E-01	-2.019685E-04	9.345552E-04	0.0	0.0	0.0
9341		0.0	-2.218607E-04	2.581723E-01	0.0	0.0	0.0
9343		9.995238E-01	2.116411E-04	-4.627454E-04	0.0	0.0	0.0
9347		9.994685E-01	-1.528062E-04	1.678554E-04	0.0	0.0	0.0
9349		0.0	-1.300287E-04	2.595419E-01	0.0	0.0	0.0
9361		9.996817E-01	1.297641E-04	-1.116137E-03	0.0	0.0	0.0
9363		9.995915E-01	1.245519E-04	-5.014320E-04	0.0	0.0	0.0
9367		9.995714E-01	1.167235E-04	1.364330E-04	0.0	0.0	0.0
9369		9.998042E-01	1.230426E-04	2.984905E-04	0.0	0.0	0.0
9371		9.996832E-01	4.510349E-04	-1.098063E-03	0.0	0.0	0.0
9373		0.0	4.213308E-04	2.579873E-01	0.0	0.0	0.0
9377		0.0	3.264991E-04	2.586144E-01	0.0	0.0	0.0
9379		9.992456E-01	3.191968E-04	4.597683E-04	0.0	0.0	0.0
11300		9.996429E-01	-2.833938E-04	-6.322209E-04	0.0	0.0	0.0
11503		9.994674E-01	-3.329648E-04	0.0	0.0	0.0	0.0
11507		9.998096E-01	-3.329648E-04	0.0	0.0	0.0	0.0
11531		9.994462E-01	-4.002661E-04	0.0	0.0	0.0	0.0
11533		9.994281E-01	-4.007823E-04	-6.396428E-04	0.0	0.0	0.0
11537		9.993354E-01	-4.354834E-04	-4.803133E-04	0.0	0.0	0.0
11539		9.993379E-01	-4.443177E-04	0.0	0.0	0.0	0.0
11543		9.995335E-01	-2.764678E-04	-6.404419E-04	0.0	0.0	0.0
11547		9.994748E-01	-2.764678E-04	-4.804987E-04	0.0	0.0	0.0
11561		9.996897E-01	-6.943087E-05	-1.062595E-03	0.0	0.0	0.0
11563		9.995952E-01	-6.943187E-05	-6.413806E-04	0.0	0.0	0.0
11567		9.995754E-01	8.244615E-04	-4.806500E-04	0.0	0.0	0.0
11569		9.995564E-01	8.245420E-04	2.475762E-03	0.0	0.0	0.0
11571		9.813280E-01	0.0	-1.904939E-01	0.0	0.0	0.0
11579		9.813509E-01	0.0	-1.869698E-01	0.0	0.0	0.0
11700		1.000000E 00	-2.751602E-04	-5.238140E-04	0.0	0.0	0.0
13500		9.995862E-01	-2.636821E-04	-8.697039E-04	0.0	0.0	0.0
13801		9.995008E-01	8.191602E-05	-7.679048E-04	0.0	0.0	0.0
13803		9.995109E-01	1.123484E-04	-8.970597E-04	0.0	0.0	0.0
13807		9.997661E-01	1.537058E-04	-1.325376E-03	0.0	0.0	0.0
13809		9.998612E-01	1.632291E-04	-1.823675E-03	0.0	0.0	0.0
13821		9.994962E-01	-1.150711E-04	-7.229317E-04	0.0	0.0	0.0
13823		9.996602E-01	-1.073407E-04	-8.862796E-04	0.0	0.0	0.0
13827		9.995241E-01	-6.617099E-05	-1.296076E-03	0.0	0.0	0.0
13829		9.993584E-01	-8.023868E-05	-2.068546E-03	0.0	0.0	0.0
13831		9.993730E-01	-3.874777E-04	-7.389956E-04	0.0	0.0	0.0
13833		9.994292E-01	-3.975786E-04	-8.630243E-04	0.0	0.0	0.0
13837		9.993491E-01	-5.141816E-04	-1.186274E-03	0.0	0.0	0.0
13839		9.997047E-01	-5.906054E-04	-2.773741E-03	0.0	0.0	0.0
13841		0.0	-3.741218E-04	-8.627544E-04	0.0	0.0	0.0
13843		9.995543E-01	-3.944400E-04	-8.512090E-04	0.0	0.0	0.0
13847		9.994622E-01	-4.172269E-04	-1.126225E-03	0.0	0.0	0.0
13848		9.994670E-01	-3.395522E-03	-1.070673E-03	0.0	0.0	0.0
13849		0.0	-3.497396E-03	-3.577346E-01	0.0	0.0	0.0
13861		9.996659E-01	-2.727592E-04	-8.919642E-04	0.0	0.0	0.0
13863		9.996256E-01	-2.741874E-04	-8.456034E-04	0.0	0.0	0.0
13867		9.995247E-01	7.453787E-04	-1.054146E-03	0.0	0.0	0.0
13869		9.989168E-01	7.172974E-04	2.898037E-03	0.0	0.0	0.0
13871		9.995447E-01	0.0	-8.878098E-04	0.0	0.0	0.0
13879		9.341565E-01	0.0	-3.548737E-01	0.0	0.0	0.0
14801		9.995008E-01	7.948502E-05	-8.003819E-04	0.0	0.0	0.0
14803		9.995402E-01	8.980907E-05	-8.814561E-04	0.0	0.0	0.0
14807		9.997305E-01	1.023482E-04	-1.055419E-03	0.0	0.0	0.0
14809		9.998612E-01	9.425549E-05	-1.104161E-03	0.0	0.0	0.0
14821		9.994863E-01	-2.507506E-05	-7.755468E-04	0.0	0.0	0.0
14823		9.994627E-01	-2.204674E-05	-8.814561E-04	0.0	0.0	0.0
14827		9.995201E-01	-5.079930E-06	-1.055419E-03	0.0	0.0	0.0
14829		9.994186E-01	4.241601E-06	-1.090405E-03	0.0	0.0	0.0

14831		9.993[illegible]85E-01	-2.1974875-04	-7.[illegible]34E-04	0.0	0.0	0.0
14833		9.9938866E-01	-2.1880156-04	-8.827[illegible]E-04	0.0	0.0	0.0
14837		9.9931786-01	-1.7159066-04	-1.0134166-04	0.0	0.0	0.0
14839		9.9959126-01	-1.5659826-04	-9.2262246-04	0.0	0.0	0.0
14841		0.0	-2.7134576-04	-6.1222976-04	0.0	0.0	0.0
14843		9.9959996-01	-2.7377656-04	-8.5705156-04	0.0	0.0	0.0
14847		9.9947946-01	-2.9663076-04	-9.2935756-04	0.0	0.0	0.0
14849		0.0	-2.4947996-04	-6.7159546-04	0.0	0.0	0.0
14861		9.9966986-01	-2.3841046-04	-8.1811316-04	0.0	0.0	0.0
14863		9.9963536-01	-2.3419356-04	-8.5344756-04	0.0	0.0	0.0
14867		9.9940656-01	-1.6765616-04	-9.8332136-04	0.0	0.0	0.0
14869		9.9916066-01	-1.3406156-04	-3.3021116-04	0.0	0.0	0.0
14881		9.9950936-01	-1.6104826-04	-7.6674656-04	0.0	0.0	0.0
14883		9.9953036-01	-1.3526156-04	-7.9722566-04	0.0	0.0	0.0
14887		9.9968646-01	-8.6050676-05	-7.8353036-04	0.0	0.0	0.0
14889		9.9991906-01	-5.8503736-05	-3.6539186-04	0.0	0.0	0.0
15212	G	9.9952196-01	3.5959656-05	-8.3336146-04	1.2559186-05	-8.6424066-06	-3.0131066-06
15218	G	9.9962856-01	3.5748736-05	-1.0046956-03	1.1976386-05	-2.3453556-05	-6.7337636-06
15601		9.9960706-01	4.2803896-05	-7.3229036-04	0.0	0.0	0.0
15603		9.9956016-01	6.5975396-05	-8.1309476-04	0.0	0.0	0.0
15607	G	9.9973046-01	4.9084156-05	-8.6990146-04	0.0	0.0	0.0
15609	G	9.9966396-01	2.4203766-05	-9.3071376-04	0.0	0.0	0.0
15621		9.9947586-01	-4.8109696-05	-6.8326296-04	0.0	0.0	0.0
15623	G	9.9946776-01	-4.6680426-05	-7.9212086-04	0.0	0.0	0.0
15625		9.9950976-01	-3.9987606-05	-8.4439676-04	0.0	0.0	0.0
15627	G	9.9950896-01	-5.8343986-05	-8.8990196-04	0.0	0.0	0.0
15629	G	9.9946106-01	-5.6892566-05	-9.4366496-04	0.0	0.0	0.0
15633	G	9.8048946-01	0.0	-8.7649516-04	0.0	0.0	0.0
15637	G	9.8048616-01	0.0	-9.6391096-04	0.0	0.0	0.0
16481	G	9.9949696-01	-1.3403316-04	-6.3429056-04	0.0	0.0	0.0
16483	G	9.9952446-01	-1.0148866-04	0.0	0.0	0.0	0.0
16485	G	9.9960726-01	-8.1644166-05	0.0	0.0	0.0	0.0
16487	G	9.9964896-01	-6.3042966-05	0.0	0.0	0.0	0.0
16489	G	9.9973826-01	-5.1333636-05	-8.6046906-04	0.0	0.0	0.0
17109	G	9.9912306-01	-8.0416956-05	-5.1992536-04	0.0	0.0	0.0
18601	G	9.9961636-01	-2.9823646-05	-2.5003036-05	0.0	0.0	0.0
18603	G	9.9964926-01	-4.2148876-05	-5.5227046-05	0.0	0.0	0.0
18607	G	9.9966946-01	-4.8153206-05	-1.1254396-04	0.0	0.0	0.0
18609	G	9.9964186-01	-4.3909446-05	-1.3196366-04	0.0	0.0	0.0
18621	G	9.9955566-01	-4.5537546-06	-1.3164316-05	0.0	0.0	0.0
18623	G	9.9956436-01	-3.3029616-07	-4.4714146-05	0.0	0.0	0.0
18625	G	9.9954616-01	0.0	-8.1555566-05	0.0	0.0	0.0
18627	G	9.9956226-01	-1.5912516-06	-1.1603636-04	0.0	0.0	0.0
18629	G	9.9956956-01	-1.3613666-06	-1.3962896-04	0.0	0.0	0.0
18631	G	9.9953176-01	-3.6657316-05	-6.9148616-07	0.0	0.0	0.0
18633	G	0.0	-3.5538436-05	-3.9290616-05	0.0	0.0	0.0
18635	G	0.0	-3.6712266-05	-8.2513786-05	0.0	0.0	0.0
18637	G	0.0	-3.9726796-05	-1.2101576-04	0.0	0.0	0.0
18639	G	9.9960426-01	-4.3289846-05	-1.3963466-04	0.0	0.0	0.0
18641	G	9.9966216-01	-6.8336366-05	0.0	4.5120176-06	-1.5986116-05	1.1038676-05
18642	G	9.9988286-01	-8.9148616-05	-1.0966366-05	5.1051636-06	-1.9652306-05	9.6452166-06
18643	G	9.9991506-01	-7.0322606-05	-2.7580396-05	0.0	-2.3309396-05	8.9088736-06
18644	G	9.9995246-01	-7.3947496-05	-5.9081276-05	0.0	0.0	2.5066236-06
18645	G	9.9995156-01	-7.7482246-05	-8.6175196-05	0.0	0.0	-2.7393746-06
18646	G	9.9992136-01	-8.1625516-05	-1.1350836-04	0.0	0.0	-7.6266826-06
18647	G	9.9965406-01	-8.7389216-05	-1.4431646-04	0.0	-3.2581056-05	-1.2749106-05
18648	G	9.9960866-01	-8.9141376-05	-1.5239386-04	1.9861296-06	-2.9576176-05	-1.3428796-05
18649	G	9.9978306-01	-9.0314896-05	-1.5513256-04	1.9385136-06	-2.6562986-05	-1.5179756-05
18651	G	9.9982596-01	-7.9022596-05	-2.2341456-06	5.4102736-06	-1.7772676-05	9.8791166-06
18652	G	9.9984336-01	-7.9343556-05	-1.2361106-05	4.7612286-06	-2.1957666-05	7.8056146-06
18653	G	9.9975386-01	-9.4019176-05	-1.5422726-04	1.8922916-06	-2.4827176-05	-1.4614636-05
18654	G	9.9972256-01	-9.4064616-05	-1.5694056-04	1.0730406-06	-2.5816296-05	-1.6937076-05
18656	G	9.9973246-01	-1.0294616-04	-7.4128636-06	2.7941026-06	-1.9967216-05	-8.4925956-07
18657	G	9.9973526-01	-1.0294736-04	-1.3731016-05	3.4061916-06	-2.0195056-05	3.1770956-06
18658	G	9.9963336-01	-1.0862826-04	-1.5660276-04	2.3890226-06	-2.4220496-05	-1.5303736-05
18659	G	9.9960466-01	-1.0857766-04	-1.6219166-04	3.5251246-06	-2.4372766-05	-1.3118136-05

18661	G	9.997147E-01	-1.120981E-04	-1.041676E-05	4.611371E-06	-1.006085E-05	-1.017469E-06
18662	G	9.997118E-01	-1.119258E-04	-1.608149E-05	2.561032E-06	-1.273250E-05	-1.763438E-06
18663	G	9.997085E-01	-1.119316E-04	-2.578730E-05	8.518306E-07	-1.539640E-05	-1.536236E-06
18664	G	9.997066E-01	-1.120979E-04	-5.926401E-05	0.0	0.0	9.495365E-07
18665	G	9.997046E-01	-1.176625E-04	-4.751347E-05	0.0	0.0	-4.070654E-07
18666	G	9.996945E-01	-1.134308E-04	-1.149121E-04	0.0	0.0	-5.555430E-06
18667	G	9.996316E-01	-1.144030E-04	-1.491051E-04	1.711995E-06	-1.876442E-06	-1.460009E-05
18668	G	9.995811E-01	-1.151552E-04	-1.597451E-04	3.329231E-06	-9.255634E-06	-1.488013E-05
18669	G	9.995512E-01	-1.156401E-04	-1.659189E-04	1.164323E-06	-1.665500E-05	-1.474552E-05
18681	G	9.994771E-01	-1.220899E-04	-1.768966E-05	0.0	0.0	0.0
18683	G	9.995246E-01	-1.221280E-04	-2.573706E-05	8.518306E-07	-1.477415E-05	3.640355E-06
18685	G	9.995879E-01	-1.254609E-04	-8.721834E-05	0.0	0.0	0.0
18687	G	9.996147E-01	-1.349886E-04	-1.521867E-04	1.711995E-06	-1.282139E-06	3.640354E-06
18689	G	9.996875E-01	-1.366255E-04	-1.743451E-04	0.0	0.0	0.0
18983	G	9.995249E-01	-1.379986E-04	1.045667E-05	0.0	-5.266201E-06	4.004537E-06
18987	G	9.996148E-01	-1.203019E-04	-1.406451E-04	0.0	-4.535892E-06	4.265319E-06
19741	G	9.997953E-01	-4.375410E-05	4.894655E-05	2.238051E-06	-6.301011E-06	-7.272819E-07
19742	G	9.997934E-01	-4.368409E-05	2.939337E-05	2.678036E-06	-8.912255E-06	-1.052854E-06
19743	G	9.997908E-01	-4.417037E-05	2.384456E-05	0.0	-9.682601E-06	-1.296841E-06
19745	G	9.997764E-01	-4.583586E-05	4.599978E-06	0.0	0.0	-2.377516E-06
19747	G	9.997522E-01	-4.727535E-05	-1.212284E-05	0.0	-1.260347E-05	-3.818609E-06
19748	G	9.997434E-01	-4.761748E-05	-1.616476E-05	1.688401E-06	-1.267662E-05	-4.279379E-06
19749	G	9.997018E-01	-4.984782E-05	-3.189861E-05	2.890204E-06	-1.232561E-05	-4.516150E-06
19751	G	9.997535E-01	-4.554004E-05	4.878490E-05	1.309687E-06	-5.714354E-06	-3.659969E-06
19752	G	9.997267E-01	-4.421365E-05	2.941210E-05	3.031548E-06	-8.427007E-06	-3.437993E-06
19758	G	9.996505E-01	-4.297078E-05	-1.621655E-05	1.090625E-06	-1.229874E-05	-4.082557E-06
19759	G	9.996203E-01	-4.228869E-05	-3.171782E-05	4.386686E-06	-1.120571E-05	-3.717920E-06
19761	G	9.997397E-01	-7.068743E-05	4.868444E-05	2.507196E-06	-5.515052E-06	-4.587521E-06
19762	G	9.997047E-01	-7.026375E-05	2.945666E-05	2.522610E-06	-8.901860E-06	-4.581319E-06
19763	G	9.996948E-01	-6.999791E-05	2.391906E-05	0.0	-9.554167E-06	-4.529473E-06
19765	G	9.996600E-01	-6.905594E-05	4.427781E-06	0.0	0.0	-4.241125E-06
19767	G	9.996282E-01	-6.829825E-05	-1.196678E-05	0.0	-1.245090E-05	-3.734397E-06
19768	G	9.996203E-01	-6.815302E-05	-1.620341E-05	2.063504E-06	-1.220421E-05	-3.555308E-06
19769	G	9.995933E-01	-6.833672E-05	-3.177361E-05	1.914080E-06	-1.076568E-05	-3.523713E-06
21183	G	9.995270E-01	-4.029586E-06	2.456980E-05	0.0	-8.928847E-06	5.355001E-06
21187	G	9.996148E-01	-5.250349E-06	-7.893244E-06	0.0	-3.484951E-06	5.954626E-06
21321	G	9.996587E-01	-4.210555E-07	-1.422539E-05	0.0	0.0	0.0
21323	G	9.996244E-01	-3.032371E-07	-6.090590E-06	0.0	0.0	0.0
21325	G	9.996044E-01	0.0	-2.882300E-06	0.0	0.0	0.0
21327	G	9.995846E-01	6.469109E-07	-2.410658E-06	0.0	0.0	0.0
21329	G	9.995768E-01	1.074670E-06	-2.456289E-06	0.0	0.0	0.0
21341	G	9.997410E-01	1.316457E-05	0.0	1.608356E-06	1.820897E-06	-1.760668E-05
21343	G	9.996454E-01	1.336765E-05	-3.555800E-07	0.0	1.780249E-06	-1.654869E-05
21345	G	9.995162E-01	1.339980E-05	-1.181937E-06	0.0	1.048496E-06	-4.355949E-06
21347	G	9.995560E-01	1.336391E-05	-1.885318E-06	0.0	3.167447E-07	1.161438E-05
21349	G	9.996261E-01	1.344315E-05	0.0	-1.704357E-06	2.760978E-07	1.371811E-05
21361	G	9.997510E-01	1.422788E-05	2.935811E-06	0.0	0.0	0.0
21363	G	9.997307E-01	1.436416E-05	1.323553E-06	5.172650E-07	-1.657964E-05	0.0
21364	G	9.997055E-01	1.461891E-05	-7.096107E-07	0.0	0.0	0.0
21366	G	9.996676E-01	1.541610E-05	-3.745546E-07	0.0	0.0	0.0
21367	G	9.996364E-01	1.581591E-05	-1.543920E-06	6.477039E-07	-1.620945E-06	0.0
21369	G	9.996147E-01	1.662901E-05	1.916129E-06	0.0	0.0	0.0
21383	G	9.995273E-01	7.920727E-06	2.131534E-06	5.032825E-07	-1.537622E-05	5.398928E-06
21387	G	9.996147E-01	8.015360E-06	-1.829562E-06	5.662944E-07	-1.915291E-06	5.984044E-06
21485	G	0.0	1.146188E-05	5.369939E-06	4.305036E-07	0.0	0.0
21801	G	9.996346E-01	-6.751572E-06	-2.916121E-05	0.0	0.0	0.0
21803	G	9.996168E-01	-7.447562E-06	-3.267510E-05	0.0	0.0	0.0
21807	G	9.995931E-01	-1.032852E-05	-2.136157E-05	0.0	0.0	0.0
21809	G	9.995753E-01	-1.199376E-05	-1.841814E-05	0.0	0.0	0.0
21821	G	9.996586E-01	-1.294768E-05	-2.638363E-05	0.0	0.0	0.0
21823	G	9.996322E-01	-1.144581E-05	-3.304919E-05	0.0	0.0	0.0
21825	G	9.996079E-01	-1.004591E-05	-2.807086E-05	0.0	0.0	0.0
21827	G	9.995893E-01	-9.240654E-06	-2.248732E-05	0.0	0.0	0.0
21829	G	9.995767E-01	-7.616091E-06	-1.360495E-05	0.0	0.0	0.0
22312	G	9.996360E-01	-2.381991E-05	-3.899721E-05	0.0	0.0	0.0
22318	G	9.995787E-01	-2.387802E-05	-2.427037E-05	0.0	0.0	0.0

22701		9.996341E-01	-3.954323E-05	-4.834	0.0	0.0	0.0
22703		9.996147E-01	-4.006646E-05	-4.804	0.0	0.0	0.0
22707		9.995902E-01	-3.826475E-05	-3.253	0.0	0.0	0.0
22709		9.995757E-01	-3.958832E-05	-3.026	0.0	0.0	0.0
22721		9.996586E-01	-3.979869E-05	-5.543	0.0	0.0	0.0
22723		9.996357E-01	-3.175762E-05	-4.386	0.0	0.0	0.0
22725		9.996133E-01	-3.259815E-05	-3.712	0.0	0.0	0.0
22727		9.995912E-01	-3.323437E-05	-3.021	0.0	0.0	0.0
22729		9.995773E-01	-3.454192E-05	-3.219	0.0	0.0	0.0
23100		9.996522E-01	-9.318554E-05	-8.873	0.0	0.0	0.0
25001		9.996357E-01	-9.907263E-05	-9.168	0.0	0.0	0.0
25003		9.996203E-01	-9.954853E-05	-9.057	0.0	0.0	0.0
25007		9.995859E-01	-9.951682E-05	-8.597	0.0	0.0	0.0
25009		9.995725E-01	-9.920725E-05	-8.400	0.0	0.0	0.0
25021		9.996631E-01	-9.760296E-05	-9.271	0.0	0.0	0.0
25025		9.996175E-01	-9.733851E-05	-8.771	0.0	0.0	0.0
25047		9.995766E-01	-9.690970E-05	-8.275	0.0	0.0	0.0
25041		9.997100E-01	-9.686338E-05	-9.192	0.0	0.0	0.0
25045		0.0	-9.660645E-05	-8.728	0.0	0.0	0.0
25049		9.996098E-01	-9.636959E-05	-8.227	0.0	0.0	0.0
25061		9.997397E-01	-9.630930E-05	-9.150	0.0	0.0	0.0
25065		9.996866E-01	-9.634921E-05	-8.715	0.0	0.0	0.0
25069		9.996362E-01	-9.640215E-05	-8.185	0.0	0.0	0.0
26801		9.996225E-01	-1.547721E-04	-1.340	0.0	0.0	0.0
26809		9.995853E-01	-1.542539E-04	-1.297	0.0	0.0	0.0
26821		9.996632E-01	-1.529564E-04	-1.358	0.0	0.0	0.0
26825		9.996195E-01	-1.527906E-04	-1.313	0.0	0.0	0.0
26829		9.995774E-01	-1.526568E-04	-1.265	0.0	0.0	0.0
26841		9.997022E-01	-1.517586E-04	-1.357	0.0	0.0	0.0
26845		0.0	-1.516608E-04	-1.311	0.0	0.0	0.0
26849		9.996125E-01	-1.516645E-04	-1.264	0.0	0.0	0.0
26861		9.997317E-01	-1.507316E-04	-1.356	0.0	0.0	0.0
26865		9.996858E-01	-1.506701E-04	-1.311	0.0	0.0	0.0
26869		9.996409E-01	-1.506247E-04	-1.264	0.0	0.0	0.0
29905		9.995987E-01	-2.525064E-04	2.177	0.0	0.0	0.0
29921		9.996584E-01	-2.513210E-04	-2.087	0.0	0.0	0.0
29925		9.996209E-01	-2.513136E-04	3.174	0.0	0.0	0.0
29929		9.995858E-01	-2.510210E-04	-2.038	0.0	0.0	0.0
29941		9.996966E-01	-1.915831E-04	-2.092	0.0	0.0	0.0
29945		0.0	-2.479586E-04	-6.233	0.0	0.0	0.0
29949		9.996099E-01	-3.363284E-04	-2.048	0.0	0.0	0.0
29961		9.997216E-01	-2.403823E-04	-2.050	0.0	0.0	0.0
29965		9.996757E-01	-2.406278E-04	-5.326	0.0	0.0	0.0
29969		9.996467E-01	-2.403823E-04	-1.999	0.0	0.0	0.0
33045		9.996536E-01	-2.457658E-04	-2.044	-2.073503E-07	2.312393E-06	-3.044108E-06
31745		9.996362E-01	-3.007846E-04	-2.464	-2.069982E-07	2.311799E-06	-3.045760E-06
33945		9.996592E-01	-3.041760E-04	-2.967	-2.070585E-07	2.311965E-06	-3.046092E-06
35945		9.996622E-01	-4.275639E-04	-3.430	-2.071978E-07	2.312046E-06	-3.045521E-06
38045		9.996653E-01	-4.909751E-04	-3.914	-2.073356E-07	2.311999E-06	-3.045491E-06
40141		9.997634E-01	-5.543772E-04	-4.461	-2.051378E-07	2.311755E-06	-3.042487E-06
40142		9.997318E-01	-5.543772E-04	-4.440	-2.057704E-07	2.311755E-06	-3.043231E-06
40143		9.996977E-01	-5.543772E-04	-4.417	-2.068294E-07	2.311755E-06	-3.044476E-06
40145		9.996683E-01	-5.543863E-04	-4.397	-2.074968E-07	2.311755E-06	-3.045696E-06
40147		9.996388E-01	-5.543772E-04	-4.377	-2.068332E-07	2.311755E-06	-3.049249E-06
40148		9.996046E-01	-5.543772E-04	-4.354	-2.057793E-07	2.311755E-06	-3.054194E-06
40149		9.995729E-01	-5.543772E-04	-4.332	-2.051493E-07	2.311755E-06	-3.057150E-06
42245		9.996712E-01	-6.178024E-04	-4.880	-2.077913E-07	2.311773E-06	-3.045671E-06
44345		9.996741E-01	-6.812157E-04	-5.364	-2.082072E-07	2.311611E-06	-3.045529E-06
45245		9.996754E-01	-7.088164E-04	-5.574	-2.084442E-07	2.310955E-06	-3.045572E-06
46445		9.996771E-01	-7.447484E-04	-5.848	-2.087507E-07	2.313679E-06	-3.046136E-06
48045		9.997132E-01	-7.906475E-04	-6.221	-2.153370E-07	2.313642E-06	-3.054985E-06
48645		9.997326E-01	-8.154123E-04	-6.422	-2.213967E-07	2.311239E-06	-3.060532E-06
49745		9.997524E-01	-8.405715E-04	-6.627	-2.286095E-07	2.311676E-06	-3.067196E-06
53045		9.997721E-01	-8.657039E-04	-6.831	-2.376892E-07	2.312623E-06	-3.075565E-06
51545		9.997919E-01	-8.908322E-04	-7.035	-2.474309E-07	2.310413E-06	-3.084951E-06
[illegible]		9.998122E-01	-9.349741E-04	-7.156	-2.131905E-07	2.307252E-06	-3.119049E-06

61912	G	[illegible]	-1.119e82E-04	-3.127897E-06	4.370742E-06	-7.896179E-06	-5.567935E-07
61913	G	[illegible]	-1.063431E-04	-3.127897E-06	4.370742E-06	-7.896179E-06	-9.348842E-06
61914	G	[illegible]	-1.311239E-04	-3.127897E-06	4.370742E-06	-7.896179E-06	-2.696952E-06
61916	G	[illegible]	-7.942817E-05	4.666988E-06	4.341736E-06	-1.598828E-05	1.093154E-05
61917	G	[illegible]	-7.556209E-05	4.666988E-06	4.341736E-06	-1.598828E-05	1.727186E-05
61918	G	[illegible]	-7.041977E-05	4.666988E-06	4.341736E-06	-1.598828E-05	1.164152E-05
61922	G	[illegible]	-6.304631E-05	5.061248E-05	1.549862E-06	-4.499388E-06	1.997893E-07
61923	G	[illegible]	-5.668243E-05	5.061248E-05	1.549862E-06	-4.499388E-06	-3.732173E-06
61924	G	[illegible]	-6.542704E-05	5.061248E-05	1.549862E-06	-4.499388E-06	-7.936922E-07
61926	G	[illegible]	-4.400272E-05	5.207361E-05	2.466976E-06	-4.898812E-06	5.242417E-06
61927	G	[illegible]	-4.232518E-05	5.207361E-05	2.466977E-06	-4.898813E-06	-6.179428E-07
61928	G	9.998012E-01	-3.980886E-05	5.207361E-05	2.466976E-06	-4.898812E-06	6.778379E-06
61934	G	9.997705E-01	5.247914E-06	1.359712E-05	1.209094E-05	1.825386E-06	6.662094E-07
61935	G	9.997694E-01	1.298611E-05	1.359712E-05	1.209094E-05	1.825386E-06	-1.782377E-05
61936	G	9.997681E-01	2.144977E-05	1.359712E-05	1.209094E-05	1.825386E-06	-3.006977E-06
62211	G	9.997476E-01	-1.194967E-04	1.912066E-05	0.0	0.0	0.0
62213	G	9.997510E-01	-1.102269E-04	1.966869E-05	5.174739E-06	-1.269116E-05	-6.161362E-06
62217	G	9.997805E-01	-5.665841E-05	2.056416E-05	-6.363393E-08	-1.931538E-05	1.229556E-05
62219	G	9.997824E-01	-6.049238E-05	2.072725E-05	0.0	0.0	0.0
62221	G	9.997594E-01	-7.710149E-05	5.147314E-05	7.241999E-06	7.271856E-06	1.325161E-06
62224	G	9.997647E-01	-6.391159E-05	5.154223E-05	1.774002E-06	-7.563331E-06	-6.130942E-07
62226	G	9.997776E-01	-5.339512E-05	5.134249E-05	1.462377E-06	-7.710742E-06	4.878941E-06
62229	G	9.997811E-01	-3.284244E-05	5.130451E-05	5.499331E-06	5.795354E-06	5.345103E-06
62231	G	9.997728E-01	-4.326171E-07	6.548813E-05	8.620248E-06	5.607268E-06	1.620495E-06
62239	G	9.997761E-01	2.003071E-05	6.525121E-05	1.862386E-05	2.377415E-07	-1.980402E-06
62811	G	9.997414E-01	-1.179092E-04	5.831329E-05	0.0	0.0	0.0
62819	G	9.997589E-01	-5.982976E-05	5.776103E-05	0.0	0.0	0.0
62821	G	9.997460E-01	-7.580947E-05	8.081505E-05	0.0	0.0	0.0
62829	G	9.997626E-01	-3.143746E-05	8.081467E-05	0.0	0.0	0.0
62831	G	9.997593E-01	-2.759220E-06	1.073497E-04	0.0	0.0	0.0
62839	G	9.997628E-01	1.302561E-05	1.074654E-04	0.0	0.0	0.0
63411	G	9.997268E-01	-1.127905E-04	9.563113E-05	0.0	0.0	0.0
63419	G	9.997428E-01	-6.308991E-05	9.550547E-05	0.0	0.0	0.0
63421	G	9.997307E-01	-7.372526E-05	1.134684E-04	0.0	0.0	0.0
63429	G	9.997462E-01	-3.144974E-05	1.134919E-04	0.0	0.0	0.0
63431	G	9.997428E-01	-4.519332E-06	1.406941E-04	0.0	0.0	0.0
63439	G	9.997466E-01	7.698997E-06	1.407653E-04	0.0	0.0	0.0
64211	G	9.997061E-01	-1.367080E-04	1.455992E-04	0.0	0.0	0.0
64219	G	9.997191E-01	-8.570405E-05	1.454368E-04	0.0	0.0	0.0
64221	G	9.997095E-01	-7.043617E-05	1.608489E-04	0.0	0.0	0.0
64229	G	9.997225E-01	-3.207962E-05	1.608037E-04	5.148599E-06	-1.612448E-06	3.528211E-06
64231	G	9.997194E-01	-3.153781E-06	1.837366E-04	0.0	0.0	0.0
64239	G	9.997229E-01	2.289202E-06	1.838154E-04	0.0	0.0	0.0
65011	G	9.996856E-01	-1.315323E-04	1.925669E-04	0.0	0.0	0.0
65019	G	9.996961E-01	-6.708853E-05	1.924862E-04	0.0	0.0	0.0
65021	G	9.996889E-01	-6.690662E-05	2.068071E-04	0.0	0.0	0.0
65029	G	9.996995E-01	-3.312665E-05	2.067711E-04	0.0	0.0	0.0
65031	G	9.996968E-01	-1.227753E-05	2.256270E-04	0.0	0.0	0.0
65039	G	9.997000E-01	-2.291938E-06	2.256286E-04	0.0	0.0	0.0
65911	G	9.996648E-01	-9.665522E-05	2.391666E-04	0.0	0.0	0.0
65919	G	9.996736E-01	-8.795222E-05	2.391266E-04	0.0	0.0	0.0
65921	G	9.996681E-01	-6.317899E-05	2.525889E-04	0.0	0.0	0.0
65929	G	9.996768E-01	-3.436104E-05	2.525563E-04	5.239680E-06	-1.536629E-06	3.843504E-06
65931	G	9.996744E-01	-1.647328E-05	2.682584E-04	0.0	0.0	0.0
65939	G	9.996773E-01	-6.877470E-06	2.682516E-04	0.0	0.0	0.0
71912	G	9.995317E-01	-1.153963E-04	-1.665685E-04	2.060793E-06	-2.265023E-05	-1.444276E-05
71913	G	9.995609E-01	-1.127441E-04	-1.665685E-04	2.060793E-06	-2.265023E-05	1.877373E-05
71914	G	9.995879E-01	-1.102856E-04	-1.665685E-04	2.060793E-06	-2.265023E-05	-1.211517E-05
71916	G	9.996989E-01	-9.394877E-05	-1.588584E-04	2.232618E-06	-2.738176E-05	-1.794954E-05
71917	G	9.997264E-01	-9.171391E-05	-1.588584E-04	2.232618E-06	-2.738176E-05	-1.488300E-05
71918	G	9.997589E-01	-8.905934E-05	-1.588584E-04	2.232618E-06	-2.738176E-05	-1.602875E-05
71922	G	9.996061E-01	-6.588671E-05	-3.866063E-05	4.664383E-06	-1.007894E-05	6.255769E-06
71923	G	9.996150E-01	-6.178205E-05	-3.866063E-05	4.664384E-06	-1.007894E-05	-3.600750E-06
71924	G	9.996231E-01	-5.800389E-05	-3.866063E-05	4.664383E-06	-1.007894E-05	7.504729E-06
71926	G	9.996877E-01	-5.313478E-05	-3.711293E-05	3.695590E-06	-1.077497E-05	7.593321E-07
71927	G	9.996951E-01	-5.062178E-05	-3.711293E-05	3.695590E-06	-1.077497E-05	-4.704635E-06

71928	G	9.997306E-01	-4.685228E-05	-5.711[illegible]E-05	3.695590E-06	-1.077497E-05	-6.444316E-07
71934	G	9.996493E-01	1.929147E-05	1.136030E-05	-4.875982E-06	2.715286E-07	4.374447E-06
71935	G	9.996492E-01	1.361255E-05	1.136030E-05	-4.875982E-06	2.715286E-07	1.421658E-05
71936	G	9.996490E-01	7.399068E-06	1.136030E-05	-4.875982E-06	2.715286E-07	1.684948E-05
72211	G	9.995999E-01	-1.019333E-04	-1.537477E-04	0.0	0.0	0.0
72213	G	9.996141E-01	-1.017672E-04	-1.532787E-04	1.605812E-06	-2.754111E-05	1.546502E-05
72217	G	9.996877E-01	-9.927344E-05	-1.526179E-04	6.016701E-06	-8.196343E-05	-8.624759E-06
72219	G	9.996474E-01	-9.855372E-05	-1.524704E-04	0.0	0.0	0.0
72221	G	9.996240E-01	-9.493932E-05	-9.662513E-05	-8.666264E-07	1.390881E-06	5.163613E-06
72224	G	9.996436E-01	-9.502344E-05	-9.673459E-05	4.952258E-06	-1.367050E-05	7.287324E-06
72226	G	9.996404E-01	-9.210530E-05	-9.741524E-05	5.399625E-06	-1.460720E-05	1.261929E-06
72229	G	9.997057E-01	-9.033894E-05	-9.756431E-05	9.727028E-07	1.124406E-06	9.351969E-07
72231	G	9.996806E-01	1.979761E-05	9.251496E-05	-2.637308E-06	8.941334E-06	6.192287E-06
72239	G	9.996971E-01	9.141125E-06	9.217134E-05	-1.468807E-05	-3.378654E-06	1.447961E-05
72811	G	9.996321E-01	-9.484135E-05	-1.409867E-04	0.0	0.0	0.0
72819	G	9.997054E-01	-9.529640E-05	-1.415930E-04	0.0	0.0	0.0
72821	G	9.996491E-01	-9.495158E-05	-9.629779E-05	0.0	0.0	0.0
72829	G	9.997211E-01	-9.675033E-05	-9.624152E-05	0.0	0.0	0.0
72831	G	9.997356E-01	1.766927E-05	9.437863E-05	0.0	0.0	0.0
72839	G	9.997219E-01	1.332966E-05	9.447450E-05	0.0	0.0	0.0
73411	G	9.996567E-01	-9.027460E-05	-1.314365E-04	0.0	0.0	0.0
73419	G	9.997253E-01	-8.830331E-05	-1.314607E-04	0.0	0.0	0.0
73421	G	9.996737E-01	-9.964837E-05	-9.193326E-05	0.0	0.0	0.0
73429	G	9.997411E-01	-9.326606E-05	-9.183817E-05	0.0	0.0	0.0
73431	G	9.997255E-01	1.565980E-05	9.413531E-05	0.0	0.0	0.0
73439	G	9.997426E-01	1.533143E-05	9.419317E-05	0.0	0.0	0.0
74211	G	9.996925E-01	-8.309020E-05	-1.198634E-04	0.0	0.0	0.0
74219	G	9.997522E-01	-7.973194E-05	-1.199673E-04	0.0	0.0	0.0
74221	G	9.997391E-01	-9.291695E-05	-9.473177E-05	0.0	0.0	0.0
74229	G	9.997685E-01	-8.798231E-05	-9.472942E-05	8.[illegible]37E-07	-7.[illegible]E-06	[illegible]
74231	G	9.997541E-01	1.433191E-05	9.362504E-05	0.0	0.0	0.0
74239	G	9.997703E-01	1.558225E-05	9.861103E-05	0.0	0.0	0.0
75011	G	9.997271E-01	-7.561964E-05	-1.098432E-04	0.0	0.0	0.0
75019	G	9.997782E-01	-7.214583E-05	-1.098623E-04	0.0	0.0	0.0
75021	G	9.997437E-01	-8.657429E-05	-8.773907E-05	0.0	0.0	0.0
75029	G	9.997949E-01	-8.258846E-05	-8.775522E-05	0.0	0.0	0.0
75031	G	9.997823E-01	1.369265E-05	9.261953E-05	0.0	0.0	0.0
75039	G	9.997974E-01	1.500330E-05	9.262120E-05	0.0	0.0	0.0
75911	G	9.997617E-01	-6.785731E-05	-9.954328E-05	0.0	0.0	0.0
75919	G	9.998043E-01	-6.481708E-05	-9.956543E-05	0.0	0.0	0.0
75921	G	9.997782E-01	-8.036695E-05	-8.039871E-05	0.0	0.0	0.0
75929	G	9.998210E-01	-2.705133E-05	-8.092346E-05	6.024740E-07	-7.854356E-06	4.320924E-06
75931	G	9.998100E-01	1.320220E-05	9.717446E-05	0.0	0.0	0.0
75939	G	9.998246E-01	1.493813E-05	9.716913E-05	0.0	0.0	0.0
122400	G	9.997403E-01	-7.280253E-06	-2.737522E-05	-3.079658E-07	2.293104E-06	-3.102862E-06
123467	G	9.996464E-01	-4.791067E-05	-4.673254E-05	0.0	0.0	0.0
123487	G	9.997011E-01	-3.952152E-05	-4.731257E-05	0.0	0.0	0.0
124800	G	9.997403E-01	-8.143464E-05	-8.218043E-05	-3.079658E-07	2.293104E-06	-3.102862E-06
125063	G	9.997292E-01	-9.630900E-05	-9.066485E-05	0.0	0.0	0.0
125065	G	9.996806E-01	-9.634921E-05	-8.652372E-05	0.0	0.0	0.0
125067	G	9.996461E-01	-9.640215E-05	-8.185938E-05	0.0	0.0	0.0
125383	G	9.997639E-01	-9.967739E-05	-9.833623E-05	0.0	0.0	0.0
125387	G	9.996911E-01	-9.967739E-05	-9.078071E-05	0.0	0.0	0.0
126863	G	9.997168E-01	-1.507316E-04	-1.342198E-04	0.0	0.0	0.0
126867	G	9.996555E-01	-1.506247E-04	-1.280062E-04	0.0	0.0	0.0
127200	G	9.997403E-01	-1.583836E-04	-1.393493E-04	-3.079658E-07	2.293104E-06	-3.102862E-06
189073	G	9.995182E-01	-1.353295E-04	3.619617E-05	2.717502E-06	-2.235417E-07	4.218061E-06
189077	G	9.996222E-01	-1.353295E-04	-1.136231E-05	2.717502E-06	-2.235417E-07	4.218061E-06
200070	G	9.995722E-01	-8.232410E-05	-8.815912E-06	2.717502E-06	-2.235417E-07	4.218061E-06
200078	G	9.995706E-01	-8.289542E-05	-8.815912E-06	2.717502E-06	-2.235417E-07	4.218061E-06
200079	G	9.995700E-01	-8.691771E-05	-8.816431E-06	2.717506E-06	-2.236037E-07	4.218061E-06
200086	G	9.995642E-01	-8.643345E-05	-8.819412E-06	2.717520E-06	-2.481069E-07	4.218061E-06
200087	G	9.995684E-01	-8.643379E-05	-8.819412E-06	2.717519E-06	-2.335747E-07	4.218061E-06
200095	G	9.995661E-01	-1.102622E-04	-8.822428E-06	2.717520E-06	-2.266603E-07	4.218061E-06
200096	G	9.995663E-01	-1.102621E-04	-8.822429E-06	2.717524E-06	-2.468574E-07	4.218061E-06
200101	G	9.995643E-01	-1.259841E-04	-8.824334E-06	2.717517E-06	-2.324633E-07	4.218061E-06

200106	G	9.9956[illegible]E-01	-1.4015[illegible]E-04	4.8283[illegible]E-06	2.7175[illegible]E-06	-2.441837E-07	4.218061E-06
200114	G	9.9956[illegible]E-01	-1.6169950E-04	4.8335[illegible]E-06	2.7175[illegible]E-06	-2.4085[illegible]E-07	4.218061E-06
200121	G	9.9955[illegible]E-01	-1.8391[illegible]E-04	4.8383[illegible]E-06	2.7175[illegible]E-06	-2.4722[illegible]E-07	4.218061E-06
200129	G	9.9955[illegible]E-01	-2.3265[illegible]E-04	4.8439[illegible]E-06	2.7175[illegible]E-06	-2.5205[illegible]E-07	4.218061E-06
200137	G	9.9955[illegible]E-01	-2.[illegible]39[illegible]E-04	4.8439[illegible]E-06	2.7175[illegible]E-06	-2.4209[illegible]E-07	4.218061E-06
200145	G	9.9955[illegible]E-01	-2.4613[illegible]E-04	4.8439[illegible]E-06	2.7175[illegible]E-06	-2.2914[illegible]E-07	4.218061E-06
200153	G	9.9955[illegible]E-01	-2.6722[illegible]E-04	4.8439[illegible]E-06	2.7174[illegible]E-06	-2.2500[illegible]E-07	4.218061E-06
200155	G	9.9955[illegible]E-01	-2.7323[illegible]E-04	4.8439[illegible]E-06	2.7174[illegible]E-06	-2.2500[illegible]E-07	4.218061E-06
211001	G	9.9992[illegible]E-01	2.3985[illegible]E-04	-1.7220[illegible]E-03	4.2214[illegible]E-06	-1.3392[illegible]E-05	-2.0930[illegible]E-06
211002	G	9.9983[illegible]E-01	2.5669[illegible]E-04	-1.7710[illegible]E-03	4.2242[illegible]E-06	-1.2260[illegible]E-05	-2.4793[illegible]E-06
211073	G	9.9951[illegible]E-01	-1.3460[illegible]E-05	4.1064[illegible]E-05	2.7175[illegible]E-06	-2.2354[illegible]E-07	4.218061E-06
211077	G	9.9962[illegible]E-01	-1.3460[illegible]E-05	-2.6193[illegible]E-05	2.7175[illegible]E-06	-2.2354[illegible]E-07	4.218061E-06
214075	G	9.9957[illegible]E-01	-1.7339[illegible]E-06	8.0572[illegible]E-06	2.7175[illegible]E-06	-2.2354[illegible]E-07	4.218061E-06
214901	G	9.9992[illegible]E-01	1.5730[illegible]E-04	-1.1939[illegible]E-03	4.2214[illegible]E-06	-1.3392[illegible]E-05	-2.0930[illegible]E-06
214902	G	9.9983[illegible]E-01	1.5893[illegible]E-04	-6.8761[illegible]E-04	4.2242[illegible]E-06	-1.2260[illegible]E-05	-2.4793[illegible]E-06
215101	G	9.9970[illegible]E-01	6.2737[illegible]E-05	-1.1123[illegible]E-03	5.9052[illegible]E-06	-1.1643[illegible]E-05	7.9025[illegible]E-07
215102	G	9.9956[illegible]E-01	6.3208[illegible]E-05	-7.1147[illegible]E-04	5.9109[illegible]E-06	-1.4651[illegible]E-05	3.0544[illegible]E-07
215201	G	9.9962[illegible]E-01	3.5748[illegible]E-05	-1.0046[illegible]E-03	7.1219[illegible]E-06	-1.2312[illegible]E-05	3.2559[illegible]E-06
215202	G	9.9952[illegible]E-01	3.5979[illegible]E-05	-8.0336[illegible]E-04	7.1248[illegible]E-06	-1.4059[illegible]E-05	2.9902[illegible]E-06
222001	G	9.9992[illegible]E-01	5.3415[illegible]E-06	-8.8820[illegible]E-05	1.8417[illegible]E-06	-1.6939[illegible]E-05	-1.4821[illegible]E-06
222002	G	9.9983[illegible]E-01	3.9636[illegible]E-06	-4.2992[illegible]E-05	1.8403[illegible]E-06	-6.8680[illegible]E-06	-1.1732[illegible]E-06
222201	G	9.9963[illegible]E-01	-2.2008[illegible]E-05	-3.6435[illegible]E-05	6.4676[illegible]E-07	-1.5448[illegible]E-05	-1.0092[illegible]E-06
222202	G	9.9969[illegible]E-01	-2.2160[illegible]E-05	-4.1297[illegible]E-05	6.4246[illegible]E-07	-7.8409[illegible]E-06	-6.3139[illegible]E-07
222301	G	9.9957[illegible]E-01	-2.3878[illegible]E-05	-2.4270[illegible]E-05	-2.8579[illegible]E-07	-1.3376[illegible]E-05	-1.8788[illegible]E-06
222302	G	9.9963[illegible]E-01	-2.3819[illegible]E-05	-3.8997[illegible]E-05	-2.8810[illegible]E-07	-9.8451[illegible]E-06	-1.6742[illegible]E-06
223401	G	9.9992[illegible]E-01	-1.6526[illegible]E-05	1.5766[illegible]E-04	1.8417[illegible]E-06	-1.6939[illegible]E-05	-1.4821[illegible]E-06
223402	G	9.9983[illegible]E-01	-1.3107[illegible]E-05	5.6937[illegible]E-05	1.8403[illegible]E-06	-6.8680[illegible]E-06	-1.1732[illegible]E-06
520018	G	9.9951[illegible]E-01	-9.0497[illegible]E-04	-7.1601[illegible]E-04	-2.1[illegible]9525E-07	2.3072[illegible]E-06	-3.0703[illegible]E-06
520024	G	9.9981[illegible]E-01	-9.0497[illegible]E-04	-7.1615[illegible]E-04	-2.0685[illegible]E-07	2.3072[illegible]E-06	-3.1255[illegible]E-06
520057	G	9.9982[illegible]E-01	-9.0497[illegible]E-04	-7.1682[illegible]E-04	-2.0617[illegible]E-07	2.3072[illegible]E-06	-3.0472[illegible]E-06
520065	G	9.9983[illegible]E-01	-9.0497[illegible]E-04	-7.1697[illegible]E-04	-2.0715[illegible]E-07	2.3072[illegible]E-06	-3.0801[illegible]E-06
520068	G	9.9983[illegible]E-01	-9.0497[illegible]E-04	-7.1705[illegible]E-04	-2.0650[illegible]E-07	2.3072[illegible]E-06	-3.0823[illegible]E-06
520079	G	9.9983[illegible]E-01	-9.0497[illegible]E-04	-7.1727[illegible]E-04	-2.0526[illegible]E-07	2.3072[illegible]E-06	-3.0706[illegible]E-06
520135	G	9.9985[illegible]E-01	-9.0497[illegible]E-04	-7.1842[illegible]E-04	-2.0641[illegible]E-07	2.3072[illegible]E-06	-2.9991[illegible]E-06
520139	G	9.9985[illegible]E-01	-9.0497[illegible]E-04	-7.1850[illegible]E-04	-2.0630[illegible]E-07	2.3072[illegible]E-06	-3.0007[illegible]E-06
520152	G	9.9985[illegible]E-01	-9.0497[illegible]E-04	-7.1877[illegible]E-04	-2.0610[illegible]E-07	2.3072[illegible]E-06	-3.0041[illegible]E-06
520185	G	9.9986[illegible]E-01	-9.0497[illegible]E-04	-7.1945[illegible]E-04	-2.0610[illegible]E-07	2.3072[illegible]E-06	-3.0041[illegible]E-06

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 30

REAL EIGENVECTOR NO. 2

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-6.721044E-02	-2.795595E-05	5.930399E-01	0.0	0.0	0.0
3339	G	-6.721187E-02	-2.795157E-05	5.930439E-01	0.0	0.0	0.0
3341	G	-6.357215E-02	-2.462881E-05	5.900380E-01	0.0	0.0	0.0
3349	G	-6.357263E-02	-2.461983E-05	5.900415E-01	0.0	0.0	0.0
3631	G	-6.720942E-02	-2.989557E-05	5.476505E-01	0.0	0.0	0.0
3633	G	-7.894772E-02	-3.364988E-05	5.476511E-01	0.0	0.0	0.0
3637	G	-7.895035E-02	-3.363946E-05	5.476547E-01	0.0	0.0	0.0
3639	G	-6.721282E-02	-2.988247E-05	5.476533E-01	0.0	0.0	0.0
3641	G	-4.308148E-02	-2.836897E-05	5.476503E-01	0.0	0.0	0.0
3649	G	-4.308524E-02	-2.832570E-05	5.476555E-01	0.0	0.0	0.0
3661	G	-1.699823E-02	-2.621247E-05	5.476503E-01	0.0	0.0	0.0
3669	G	-1.699973E-02	-2.621714E-05	5.476550E-01	0.0	0.0	0.0
6123	G	-9.554267E-02	-3.336823E-05	4.979313E-01	0.0	0.0	0.0
6127	G	-9.554708E-02	-3.326368E-05	4.979244E-01	0.0	0.0	0.0
6131	G	-7.894707E-02	-3.283624E-05	4.979244E-01	0.0	0.0	0.0
6133	G	-7.894778E-02	-3.292527E-05	4.979312E-01	0.0	0.0	0.0
6137	G	-7.895029E-02	-3.303339E-05	4.979298E-01	0.0	0.0	0.0
6139	G	-7.895094E-02	-3.297912E-05	4.979308E-01	0.0	0.0	0.0
6141	G	-5.234206E-02	-2.582493E-05	4.979287E-01	0.0	0.0	0.0
6143	G	-5.234080E-02	-2.582696E-05	4.979316E-01	0.0	0.0	0.0
6147	G	-5.234559E-02	-2.918992E-05	4.979295E-01	0.0	0.0	0.0
6149	G	-5.234503E-02	-2.920022E-05	4.979312E-01	0.0	0.0	0.0
6161	G	-3.330132E-02	-2.106598E-05	4.979249E-01	0.0	0.0	0.0
6163	G	-3.329809E-02	-2.106851E-05	4.979314E-01	0.0	0.0	0.0
6167	G	-3.330461E-02	-2.637610E-05	4.979295E-01	0.0	0.0	0.0
6169	G	-3.330341E-02	-2.643044E-05	4.979312E-01	0.0	0.0	0.0
6171	G	-2.586426E-03	-2.427342E-05	5.217244E-01	0.0	0.0	0.0
6179	G	-2.587755E-03	-2.459413E-05	5.217333E-01	0.0	0.0	0.0
7031	G	-7.894719E-02	-3.473796E-05	0.0	0.0	0.0	0.0
7033	G	-7.894775E-02	-3.461614E-05	4.668240E-01	0.0	0.0	0.0
7037	G	-7.895017E-02	-3.461614E-05	4.668256E-01	0.0	0.0	0.0
7039	G	-7.895100E-02	-3.457750E-05	0.0	0.0	0.0	0.0
7043	G	-5.162358E-02	0.0	4.668247E-01	0.0	0.0	0.0
7047	G	-5.162839E-02	0.0	4.668256E-01	0.0	0.0	0.0
7061	G	-3.206423E-02	-9.872555E-06	4.668247E-01	0.0	0.0	0.0
7063	G	-3.205926E-02	-9.872580E-06	4.668247E-01	0.0	0.0	0.0
7067	G	-3.206599E-02	-2.143979E-05	4.668252E-01	0.0	0.0	0.0
7069	G	-3.206128E-02	-2.143957E-05	4.667854E-01	0.0	0.0	0.0
7071	G	6.151547E-02	0.0	4.638581E-01	0.0	0.0	0.0
7079	G	6.151507E-02	0.0	4.637453E-01	0.0	0.0	0.0
7525	G	-1.278567E-01	-3.596171E-05	4.514631E-01	-5.198579E-08	3.263514E-03	-1.201236E-07
8530	G	-8.929191E-04	-3.434453E-05	6.770123E-01	0.0	0.0	0.0
8531	G	-7.894915E-02	-3.643954E-05	0.0	0.0	0.0	0.0
8533	G	-7.894778E-02	-3.635432E-05	4.196459E-01	0.0	0.0	0.0
8537	G	-7.895017E-02	-3.635432E-05	4.196460E-01	0.0	0.0	0.0
8539	G	-7.895166E-02	-3.640684E-05	0.0	0.0	0.0	0.0
8543	G	-5.051516E-02	0.0	4.196443E-01	0.0	0.0	0.0
8547	G	-5.052002E-02	0.0	4.196461E-01	0.0	0.0	0.0
8561	G	-3.017466E-02	-4.363670E-06	4.196474E-01	0.0	0.0	0.0
8563	G	-3.016943E-02	-4.369622E-06	4.196444E-01	0.0	0.0	0.0
8567	G	-3.017567E-02	-2.740327E-06	4.196466E-01	0.0	0.0	0.0
8569	G	-3.016335E-02	-2.740366E-06	4.196351E-01	0.0	0.0	0.0
8571	G	6.154266E-02	0.0	4.158123E-01	0.0	0.0	0.0
8579	G	6.153191E-02	0.0	4.157617E-01	0.0	0.0	0.0
9303	G	-1.577461E-01	-3.455864E-05	3.944017E-01	0.0	0.0	0.0
9307	G	-1.577412E-01	-3.537999E-05	3.944022E-01	0.0	0.0	0.0

9313	G	-1.409080E-01	-3.690599E-05	3.944018E-01	0.0	0.0	0.0
9317	G	-1.408904E-01	-3.269[illegible]E-05	3.944024E-01	0.0	0.0	0.0
9331	G	-7.895154E-02	-3.510748E-05	3.943991E-01	0.0	0.0	0.0
9333	G	-7.894754E-02	-3.531054E-05	3.944057E-01	0.0	0.0	0.0
9337	G	-7.894963E-02	-3.861226E-05	3.944073E-01	0.0	0.0	0.0
9339	G	-7.895243E-02	-3.876873E-05	3.943638E-01	0.0	0.0	0.0
9341	G	0.0	2.228275E-05	3.605068E-01	0.0	0.0	0.0
9343	G	-4.960266E-02	2.097100E-05	3.865515E-01	0.0	0.0	0.0
9347	G	-4.960794E-02	1.218273E-05	3.865554E-01	0.0	0.0	0.0
9349	G	0.0	8.379267E-06	3.605031E-01	0.0	0.0	0.0
9361	G	-2.860603E-02	1.315032E-05	3.809562E-01	0.0	0.0	0.0
9363	G	-2.860592E-02	1.123853E-05	3.809137E-01	0.0	0.0	0.0
9367	G	-2.861131E-02	2.256354E-05	3.809173E-01	0.0	0.0	0.0
9369	G	-2.859432E-02	2.247988E-05	3.809582E-01	0.0	0.0	0.0
9371	G	-9.729117E-03	-1.299044E-06	3.759035E-01	0.0	0.0	0.0
9373	G	0.0	3.676616E-06	3.605624E-01	0.0	0.0	0.0
9377	G	0.0	3.195601E-05	3.605649E-01	0.0	0.0	0.0
9379	G	-9.748522E-03	3.692087E-05	3.759122E-01	0.0	0.0	0.0
11300	G	-1.083040E-01	-1.543523E-05	3.272383E-01	0.0	0.0	0.0
11503	G	-1.409076E-01	-1.243631E-05	0.0	0.0	0.0	0.0
11507	G	-1.408908E-01	-1.243631E-05	0.0	0.0	0.0	0.0
11531	G	-7.895088E-02	-3.175701E-05	0.0	0.0	0.0	0.0
11533	G	-7.894856E-02	-3.188659E-05	[illegible]E-01	0.0	0.0	0.0
11537	G	-7.894874E-02	-3.462585E-05	[illegible]E-01	0.0	0.0	0.0
11539	G	-7.894439E-02	-3.523435E-05	[illegible]E-01	0.0	0.0	0.0
11543	G	-4.960331E-02	3.075796E-06	[illegible]E-01	0.0	0.0	0.0
11547	G	-4.960888E-02	3.075796E-06	[illegible]E-01	0.0	0.0	0.0
11561	G	-2.621946E-02	-2.936815E-07	[illegible]E-01	0.0	0.0	0.0
11563	G	-2.622113E-02	-2.934042E-07	[illegible]E-01	0.0	0.0	0.0
11567	G	-2.622560E-02	6.421942E-05	[illegible]E-01	0.0	0.0	0.0
11569	G	-2.622425E-02	6.422325E-05	[illegible]E-01	0.0	0.0	0.0
11571	G	6.167630E-02	0.0	[illegible]E-01	0.0	0.0	0.0
11579	G	6.166404E-02	0.0	[illegible]E-01	0.0	0.0	0.0
11700	G	-1.115[illegible]E-01	-1.597458E-05	[illegible]E-01	0.0	0.0	0.0
13500	G	2.540479E-02	-1.962166E-06	[illegible]E-01	0.0	0.0	0.0
13801	G	-1.376430E-01	5.995978E-06	[illegible]E-01	0.0	0.0	0.0
13803	G	-1.409055E-01	6.931622E-06	2.454094E-01	0.0	0.0	0.0
13807	G	-1.408928E-01	8.312581E-06	2.453904E-01	0.0	0.0	0.0
13809	G	-1.376255E-01	8.395455E-06	2.453678E-01	0.0	0.0	0.0
13821	G	-1.116488E-01	-2.724803E-06	2.454182E-01	0.0	0.0	0.0
13823	G	-1.116512E-01	-2.760843E-06	2.454091E-01	0.0	0.0	0.0
13827	G	-1.116484E-01	-1.860017E-06	2.453910E-01	0.0	0.0	0.0
13829	G	-1.116566E-01	-2.994163E-06	2.453564E-01	0.0	0.0	0.0
13831	G	-7.895255E-02	-1.669346E-05	2.454178E-01	0.0	0.0	0.0
13833	G	-7.894474E-02	-1.713652E-05	2.454064E-01	0.0	0.0	0.0
13837	G	-7.894669E-02	-2.270046E-05	2.453928E-01	0.0	0.0	0.0
13839	G	-7.892662E-02	-2.626442E-05	2.453238E-01	0.0	0.0	0.0
13841	G	0.0	-9.517418E-06	2.454168E-01	0.0	0.0	0.0
13843	G	-4.960657E-02	-1.139758E-05	2.454053E-01	0.0	0.0	0.0
13847	G	-4.961172E-02	-1.326403E-05	2.453918E-01	0.0	0.0	0.0
13848	G	-4.961178E-02	-1.544394E-04	2.565110E-01	0.0	0.0	0.0
13849	G	0.0	-1.587591E-04	2.573346E-01	0.0	0.0	0.0
13861	G	-2.322984E-02	-1.356491E-05	2.454180E-01	0.0	0.0	0.0
13863	G	-2.322870E-02	-1.356515E-05	2.454057E-01	0.0	0.0	0.0
13867	G	-2.404998E-02	5.971111E-05	2.666231E-01	0.0	0.0	0.0
13869	G	-2.407990E-02	5.855301E-05	2.666323E-01	0.0	0.0	0.0
13871	G	1.549336E-02	0.0	2.433064E-01	0.0	0.0	0.0
13879	G	1.082660E-01	0.0	2.574337E-01	0.0	0.0	0.0
14801	G	-1.375430E-01	6.897989E-06	2.134544E-01	0.0	0.0	0.0
14803	G	-1.409053E-01	5.357419E-06	2.134533E-01	0.0	0.0	0.0
14807	G	-1.408959E-01	7.083042E-06	2.134470E-01	0.0	0.0	0.0
14809	G	-1.376255E-01	6.899780E-06	2.134437E-01	0.0	0.0	0.0
14821	G	-1.116466E-01	2.505788E-06	2.134546E-01	0.0	0.0	0.0
14823	G	-1.116509E-01	2.468613E-06	2.134533E-01	0.0	0.0	0.0
14827	G	-1.116487E-01	1.950877E-06	2.134470E-01	0.0	0.0	0.0
14829	G	-1.116533E-01	2.321418E-06	2.134439E-01	0.0	0.0	0.0

14831		-7.345303E-02	1.440957E-06	2.134331E-01	0.0	0.0	0.0
14833		-7.599398E-02	1.766474E-06	2.134323E-01	0.0	0.0	0.0
14837		-7.899428E-02	5.342270E-06	2.134483E-01	0.0	0.0	0.0
14839		-8.092716E-02	8.467542E-06	2.134637E-01	0.0	0.0	0.0
14841		0.0	9.088113E-06	2.134699E-01	0.0	0.0	0.0
14843		-8.799011E-02	7.472295E-06	2.134448E-01	0.0	0.0	0.0
14847		-8.901594E-02	-5.826617E-06	2.134480E-01	0.0	0.0	0.0
14849		0.0	-4.367833E-06	2.134594E-01	0.0	0.0	0.0
14861		-8.[illegible]E-02	-3.932083E-06	2.135[illegible]E-01	0.0	0.0	0.0
14863		-8.[illegible]E-02	-3.8d0a34E-06	2.134[illegible]E-01	0.0	0.0	0.0
14867		-8.[illegible]E-02	8.5a648[illegible]E-07	2.134[illegible]E-01	0.0	0.0	0.0
14869		-2.[illegible]E-02	2.714368E-06	2.134712E-01	0.0	0.0	0.0
14881		2.[illegible]E-02	1.[illegible]E-06	2.[illegible]E-01	0.0	0.0	0.0
14883		2.400101E-02	1.330[illegible]E-06	2.[illegible]E-01	0.0	0.0	0.0
14887		2.[illegible]E-02	3.517[illegible]E-06	2.[illegible]E-01	0.0	0.0	0.0
14889		2.[illegible]E-02	[illegible]E-06	2.[illegible]E-01	0.0	0.0	0.0
15212	G	-1.300113E-01	3.[illegible]E-06	2.[illegible]E-01	3.223518E-07	3.261361E-03	-3.032472E-07
15216	G	-1.300367E-01	4.025771E-06	2.035659E-01	5.721477E-07	3.260552E-03	-2.891891E-07
15601	G	-1.343860E-01	2.092144E-06	1.876547E-01	0.0	0.0	0.0
15603	G	-1.409053E-01	2.958733E-06	1.876559E-01	0.0	0.0	0.0
15607	G	-1.408959E-01	4.795555E-06	1.876560E-01	0.0	0.0	0.0
15609	G	-1.343858E-01	3.952558E-06	1.876580E-01	0.0	0.0	0.0
15621	G	-1.116484E-01	3.030179E-07	1.876547E-01	0.0	0.0	0.0
15623	G	-1.116504E-01	5.942872E-08	1.876565E-01	0.0	0.0	0.0
15625	G	-1.116511E-01	4.715156E-07	1.876565E-01	0.0	0.0	0.0
15627	G	-1.116492E-01	-3.866084E-07	1.876551E-01	0.0	0.0	0.0
15629	G	-1.116506E-01	-5.796303E-07	1.876668E-01	0.0	0.0	0.0
15633	G	-7.744958E-02	0.0	1.876525E-01	0.0	0.0	0.0
15637	G	-7.745194E-02	0.0	1.876598E-01	0.0	0.0	0.0
15641	G	-2.400156E-02	1.453024E-06	1.628453E-01	0.0	0.0	0.0
15643	G	-2.400230E-02	1.453926E-06	0.0	0.0	0.0	0.0
15647	G	-2.400337E-02	1.919064E-06	0.0	0.0	0.0	0.0
15647	G	-2.400315E-02	2.185415E-06	0.0	0.0	0.0	0.0
15651	G	-2.400381E-02	2.364444E-06	1.625[illegible]E-01	0.0	0.0	0.0
17103	G	-3.630413E-02	-1.198379E-06	1.468709E-01	0.0	0.0	0.0
18601	G	-1.343861E-01	2.352165E-06	9.029037E-02	0.0	0.0	0.0
18603	G	-1.409092E-01	2.444716E-06	9.028853E-02	0.0	0.0	0.0
18607	G	-1.409085E-01	1.913063E-06	9.028[illegible]E-02	0.0	0.0	0.0
18609	G	-1.343859E-01	3.441548E-07	9.02[illegible]E-02	0.0	0.0	0.0
18621	G	-1.116559E-01	3.841139E-08	9.029025E-02	0.0	0.0	0.0
18623	G	-1.116550E-01	-5.436669E-08	9.028915E-02	0.0	0.0	0.0
18625	G	-1.116548E-01	0.0	9.028624E-02	0.0	0.0	0.0
18627	G	-1.116567E-01	-3.900758E-08	9.028745E-02	0.0	0.0	0.0
14529	G	-1.116568E-01	-3.161171E-07	9.028640E-02	0.0	0.0	0.0
18631	G	-7.849389E-02	-1.638354E-06	9.028403E-02	0.0	0.0	0.0
18633	G	0.0	-1.723453E-06	9.028473E-02	0.0	0.0	0.0
18635	G	0.0	-1.862368E-06	9.028792E-02	0.0	0.0	0.0
18637	G	0.0	-1.997011E-06	9.028691E-02	0.0	0.0	0.0
18639	G	-7.995923E-02	-1.886215E-06	9.028572E-02	0.0	0.0	0.0
18641	G	-4.571471E-02	-3.695410E-06	9.028540E-02	-2.793706E-08	3.261852E-03	-1.457486E-06
18642	G	-4.571746E-02	-3.639555E-06	9.028452E-02	-4.732223E-08	3.262756E-03	-1.294083E-06
18643	G	-4.572184E-02	-3.559332E-06	9.028564E-02	0.0	3.263657E-03	-1.235130E-06
18644	G	-4.572861E-02	-3.292059E-06	9.028628E-02	0.0	0.0	-8.032535E-07
18645	G	-4.573195E-02	-3.196336E-06	9.028780E-02	0.0	0.0	-3.375579E-07
19646	G	-4.573236E-02	-2.928730E-06	9.028715E-02	0.0	0.0	2.085741E-07
18647	G	-4.572868E-02	-2.766266E-06	9.028637E-02	0.0	3.263766E-03	9.274344E-07
18648	G	-4.572530E-02	-2.711810E-06	9.028596E-02	1.170364E-07	3.262885E-03	1.021969E-06
18649	G	-4.572304E-02	-2.672035E-06	9.028578E-02	8.765759E-08	3.261990E-03	1.232627E-06
19651	G	-3.857128E-02	-2.[illegible]E-06	9.028446E-02	-5.436025E-08	3.261854E-03	-1.244643E-06
18652	G	-3.857342E-02	-2.559229E-06	9.028459E-02	-5.286391E-08	3.262810E-03	-9.471644E-07
18653	G	-3.856094E-02	-2.[illegible]E-06	9.028402E-02	1.303447E-07	3.263046E-03	6.595340E-07
18654	G	-3.857927E-02	-2.469227E-06	9.028678E-02	8.374240E-08	3.262048E-03	1.[illegible]E-06
18656	G	-2.314261E-02	-3.[illegible]	9.028564E-02	3.186227E-08	3.261902E-03	1.646463E-06
18657	G	-2.313946E-02	-3.452477E-06	9.028464E-02	-4.272110E-09	3.262565E-03	1.351057E-06
18658	G	-2.314566E-02	-3.791408E-06	9.028602E-02	3.593609E-08	3.262794E-03	-1.645042E-06
18659	G	-2.314946E-02	-3.904456E-06	9.028596E-02	6.980133E-08	3.262129E-03	-2.224502E-06

18661		-1.505398E-02	-3.448093E-06	9.028970E-02	-2.206427E-09	3.261776E-03	1.796729E-06
18662		-1.505047E-02	-3.452307E-06	9.028370E-02	6.481935E-09	3.261934E-03	1.698768E-06
18663		-1.504470E-02	-3.461811E-06	9.029470E-02	-3.757196E-08	3.262091E-03	1.613776E-06
18664		-1.503674E-02	-3.574637E-06	9.028828E-02	0.0	0.0	7.961813E-07
18665		-1.503485E-02	-3.683992E-06	9.028790E-02	0.0	0.0	-1.535921E-07
18666	G	-1.503863E-02	-3.803504E-06	9.028715E-02	0.0	0.0	-1.162246E-06
18667	G	-1.504450E-02	-3.957554E-06	9.028620E-02	-4.487328E-08	3.262492E-03	-2.150716E-06
18668		-1.505716E-02	-4.012963E-06	9.028602E-02	4.266168E-08	3.262060E-03	-2.240948E-06
18669		-1.506169E-02	-4.063502E-06	9.028596E-02	7.291288E-08	3.261628E-03	-2.269157E-06
18681	G	2.400342E-02	-3.027953E-06	9.028870E-02	0.0	0.0	0.0
18683		2.400196E-02	-3.120033E-06	9.028876E-02	-3.757796E-08	3.261993E-03	1.026531E-09
18685		2.400249E-02	-3.101033E-06	9.028769E-02	0.0	0.0	0.0
18687		2.400198E-02	-3.420420E-06	9.028614E-02	-4.487328E-08	3.262369E-03	1.026531E-09
18689	G	2.399905E-02	-3.472375E-06	9.028590E-02	0.0	0.0	0.0
18983	G	2.400187E-02	-2.924852E-06	7.825436E-02	0.0	3.260912E-03	4.378037E-08
18987	G	2.400192E-02	-3.320332E-06	7.825059E-02	0.0	3.260990E-03	4.960366E-08
19741	G	-4.835149E-02	-2.015981E-06	5.555836E-02	6.922900E-09	3.261137E-03	-3.933661E-07
19742	G	-5.044162E-02	-1.654713E-06	5.555794E-02	1.604845E-08	3.261121E-03	-3.803054E-07
19743	G	-5.044231E-02	-1.806637E-06	5.555793E-02	0.0	3.261130E-03	-3.332278E-07
19745	G	-5.044436E-02	-1.631924E-06	5.555763E-02	0.0	0.0	-1.653908E-07
19747	G	-5.044503E-02	-1.453765E-06	5.555734E-02	0.0	3.261092E-03	-3.765990E-09
19748	G	-5.044499E-02	-1.403108E-06	5.555695E-02	9.343046E-08	3.261072E-03	3.959187E-08
19749	G	-4.835750E-02	-1.298449E-06	5.555611E-02	9.673744E-08	3.261046E-03	5.496776E-08
19751	G	-2.627383E-02	-1.650065E-06	5.555805E-02	5.675981E-08	3.261035E-03	-4.059513E-07
19752	G	-2.627672E-02	-1.841886E-06	5.555793E-02	2.833366E-09	3.261131E-03	-3.443[illegible]
19758	G	-2.628043E-02	-2.269479E-06	5.555683E-02	1.079911E-07	3.261087E-03	-8.086[illegible]
19759	G	-2.628038E-02	-2.476532E-06	5.555614E-02	4.256382E-08	3.260973E-03	3.241[illegible]
19761	G	-1.821914E-02	-1.651457E-06	5.555806E-02	3.124013E-08	3.260993E-03	-3.380[illegible]
19762	G	-1.822171E-02	-1.941331E-06	5.555792E-02	1.395463E-08	3.261138E-03	-3.326[illegible]
19763	G	-1.822239E-02	-1.991591E-06	5.555788E-02	0.0	3.261134E-03	-3.021793E[illegible]
19765	G	-1.822434E-02	-2.185269E-06	5.555763E-02	0.0	0.0	-1.897450[illegible]
19767	G	-1.822539E-02	-2.382739E-06	5.555702E-02	0.0	3.261097E-03	-7.534697E-08
19768	G	-1.822552E-02	-2.435373E-06	5.555683E-02	9.302948E-08	3.261095E-03	-4.378723E-08
19769	G	-1.822583E-02	-2.531266E-06	5.555614E-02	7.541399E-08	3.260942E-03	-3.819498E-08
21183	G	2.400143E-02	-2.345776E-07	7.242747E-03	0.0	3.262063E-03	1.783260E-07
21187	G	2.400152E-02	-3.703644E-07	7.242911E-03	0.0	3.262169E-03	1.958378E-07
21321	G	-1.116605E-01	8.173294E-08	1.644418E-06	0.0	0.0	0.0
21323	G	-1.116594E-01	5.029822E-08	7.124700E-07	0.0	0.0	0.0
21325	G	-1.116594E-01	0.0	2.193219E-07	0.0	0.0	0.0
21327	G	-1.116595E-01	-5.193533E-08	9.376805E-09	0.0	0.0	0.0
21329	G	-1.116606E-01	-8.846399E-08	-8.858666E-08	0.0	0.0	0.0
21341	G	-5.033670E-02	4.150903E-07	0.0	-1.877086E-07	3.260778E-03	9.185117E-07
21343	G	-5.033169E-02	4.188087E-07	1.849330E-07	0.0	3.260761E-03	8.693590E-07
21345	G	-5.032558E-02	4.763113E-07	8.075841E-08	0.0	3.260445E-03	6.490717E-08
21347	G	-5.033213E-02	5.355960E-07	-3.141635E-08	0.0	3.260129E-03	-1.239770E-06
21349	G	-5.033957E-02	5.453790E-07	0.0	1.561176E-07	3.260112E-03	-1.427400E-06
21361	G	-1.701448E-02	7.151313E-07	-1.337084E-07	0.0	0.0	0.0
21363	G	-1.701501E-02	6.573226E-07	8.251465E-08	4.713242E-08	3.263091E-03	0.0
21364	G	-1.701662E-02	6.392400E-07	2.281079E-08	0.0	0.0	0.0
21366	G	-1.701787E-02	6.106890E-07	3.883821E-08	0.0	0.0	0.0
21367	G	-1.701882E-02	6.110508E-07	-1.396912E-07	4.232933E-08	3.263412E-03	0.0
21369	G	-1.701977E-02	6.173184E-07	-1.862567E-07	0.0	0.0	0.0
21383	G	2.400139E-02	1.654704E-07	3.235532E-08	2.312224E-08	3.262931E-03	1.809039E-07
21387	G	2.400148E-02	7.001535E-08	-2.331976E-07	4.446668E-08	3.263219E-03	1.998699E-07
21485	G	0.0	2.978828E-07	-1.877259E-03	8.960331E-09	0.0	0.0
21801	G	-1.343843E-01	1.813779E-07	-1.639717E-02	0.0	0.0	0.0
21803	G	-1.409052E-01	3.599447E-07	-1.639730E-02	0.0	0.0	0.0
21807	G	-1.409052E-01	5.648003E-07	-1.639749E-02	0.0	0.0	0.0
21809	G	-1.343846E-01	5.739838E-07	-1.639812E-02	0.0	0.0	0.0
21821	G	-1.116603E-01	2.640860E-07	-1.639760E-02	0.0	0.0	0.0
21823	G	-1.116598E-01	1.151365E-07	-1.639708E-02	0.0	0.0	0.0
21825	G	-1.116597E-01	3.137226E-08	-1.639732E-02	0.0	0.0	0.0
21827	G	-1.116601E-01	-8.931505E-08	-1.639757E-02	0.0	0.0	0.0
21829	G	-1.116608E-01	-2.228172E-07	-1.639843E-02	0.0	0.0	0.0
22312	G	-1.278637E-01	2.071760E-09	-3.048163E-02	0.0	0.0	0.0
22318	G	-1.278641E-01	-2.582530E-09	-3.048224E-02	0.0	0.0	0.0

22701	G	-1.343842E-01	[illegible]	[illegible]	0.0	[illegible]	0.0
22703	G	-1.409050E-01	[illegible]	[illegible]	[illegible]	[illegible]	0.0
22707	G	-1.409050E-01	[illegible]	[illegible]	[illegible]	[illegible]	0.0
22709	G	-1.343846E-01	[illegible]	[illegible]	[illegible]	[illegible]	0.0
22721	G	-1.116602E-01	-2.655169E-07	-4.459844E-02	0.0	0.0	0.0
22723	G	-1.116600E-01	[illegible]	[illegible]	0.0	0.0	0.0
22725	G	-1.116607E-01	[illegible]	[illegible]	0.0	0.0	0.0
22727	G	-1.115608E-01	-2.465685E-08	-4.459742E-02	0.0	0.0	0.0
22729	G	-1.116610E-01	[illegible]	[illegible]	[illegible]	0.0	0.0
23100	G	6.265946E-02	-2.957846E-07	-5.887446E-02	0.0	0.0	0.0
25001	G	-1.343847E-01	-1.490612E-06	-1.175620E-01	0.0	0.0	0.0
25003	G	-1.409043E-01	-1.491322E-06	-1.175621E-01	0.0	0.0	0.0
25007	G	-1.409049E-01	-1.492308E-06	-1.175622E-01	0.0	0.0	0.0
25009	G	-1.343849E-01	-1.489522E-06	-1.175622E-01	0.0	0.0	0.0
25021	G	-1.116599E-01	-1.541228E-06	-1.175620E-01	0.0	0.0	0.0
25025	G	-1.116605E-01	-1.572239E-06	-1.175621E-01	0.0	0.0	0.0
25029	G	-1.116616E-01	-1.599314E-06	-1.175623E-01	0.0	0.0	0.0
25041	G	-5.747511E-02	-2.338440E-06	-1.175621E-01	0.0	0.0	0.0
25045	G	0.0	-2.366988E-06	-1.175622E-01	0.0	0.0	0.0
25049	G	-5.747780E-02	-2.379270E-06	-1.175624E-01	0.0	0.0	0.0
25061	G	-2.004815E-02	-2.421149E-06	-1.175621E-01	0.0	0.0	0.0
25065	G	-2.004940E-02	-2.424045E-06	-1.175622E-01	0.0	0.0	0.0
25069	G	-2.005101E-02	-2.424365E-06	-1.175624E-01	0.0	0.0	0.0
26801	G	-1.374482E-01	-2.750953E-06	-1.770594E-01	0.0	0.0	0.0
26809	G	-1.374490E-01	-2.796265E-06	-1.770598E-01	0.0	0.0	0.0
26821	G	-1.116598E-01	-2.902309E-06	-1.770597E-01	0.0	0.0	0.0
26825	G	-1.116607E-01	-2.916885E-06	-1.770594E-01	0.0	0.0	0.0
26829	G	-1.116617E-01	-2.926329E-06	-1.770599E-01	0.0	0.0	0.0
26841	G	-6.106152E-02	-3.366834E-06	-1.770598E-01	0.0	0.0	0.0
26845	G	0.0	-3.367067E-06	-1.770593E-01	0.0	0.0	0.0
26849	G	-6.106384E-02	-3.375501E-06	-1.770599E-01	0.0	0.0	0.0
26861	G	-2.161318E-02	-3.700442E-06	-1.770597E-01	0.0	0.0	0.0
26865	G	-2.161432E-02	-3.708335E-06	-1.770598E-01	0.0	0.0	0.0
26869	G	-2.161557E-02	-3.713856E-06	-1.770599E-01	0.0	0.0	0.0
29905	G	-1.256787E-01	-5.521672E-06	-2.826452E-01	0.0	0.0	0.0
29921	G	-1.116601E-01	-5.578147E-06	-2.817776E-01	0.0	0.0	0.0
29925	G	-1.116608E-01	-5.565119E-06	-2.817932E-01	0.0	0.0	0.0
29929	G	-1.115619E-01	-5.578147E-06	-2.817782E-01	0.0	0.0	0.0
29941	G	-6.744054E-02	-1.365078E-05	-2.793347E-01	0.0	0.0	0.0
29945	G	0.0	-5.593031E-06	-2.742756E-01	0.0	0.0	0.0
29949	G	-6.744288E-02	-5.582701E-07	-2.793344E-01	0.0	0.0	0.0
29961	G	-2.418993E-02	-5.583863E-06	-2.763333E-01	0.0	0.0	0.0
29965	G	-2.418971E-02	-5.583967E-06	-2.763353E-01	0.0	0.0	0.0
29969	G	-2.419078E-02	-5.583863E-06	-2.763336E-01	0.0	0.0	0.0
30845	G	-6.725711E-02	-5.713585E-06	-2.791699E-01	1.436494E-08	3.260200E-03	-7.526683E-08
31745	G	-6.353244E-02	-7.388425E-06	-3.383263E-01	1.438729E-08	3.260201E-03	-7.462518E-08
33845	G	-5.935113E-02	-8.664590E-06	-4.064609E-01	1.447886E-08	3.260198E-03	-7.449245E-08
35945	G	-5.511944E-02	-1.024299E-05	-4.745995E-01	1.462004E-08	3.260197E-03	-7.470680E-08
38045	G	-5.088770E-02	-1.182465E-05	-5.427700E-01	1.478769E-08	3.260198E-03	-7.470777E-08
40141	G	-4.665019E-02	-1.340477E-05	-6.109272E-01	1.824402E-08	3.260196E-03	-7.462154E-08
40142	G	-4.665117E-02	-1.340477E-05	-6.109273E-01	1.741727E-08	3.260196E-03	-7.462359E-08
40143	G	-4.665203E-02	-1.340477E-05	-6.109275E-01	1.653393E-08	3.260196E-03	-7.462705E-08
40145	G	-4.665273E-02	-1.340499E-05	-6.109372E-01	1.499702E-08	3.260196E-03	-7.462921E-08
40147	G	-4.665345E-02	-1.340477E-05	-6.109278E-01	1.423160E-08	3.260196E-03	-7.462705E-08
40148	G	-4.665428E-02	-1.340477E-05	-6.109279E-01	1.327930E-08	3.260196E-03	-7.462359E-08
40149	G	-4.665506E-02	-1.340477E-05	-6.109281E-01	1.271016E-08	3.260196E-03	-7.462154E-08
42245	G	-6.741769E-02	-1.498510E-05	-6.791084E-01	1.525364E-08	3.260196E-03	-7.462847E-08
44345	G	-3.818271E-02	-1.656581E-05	-7.472769E-01	1.560453E-08	3.260199E-03	-7.465093E-08
45245	G	-3.634069E-02	-1.725412E-05	-7.769934E-01	1.581068E-08	3.260200E-03	-7.462921E-08
46445	G	-3.394121E-02	-1.814918E-05	-8.155767E-01	1.609634E-08	3.260198E-03	-7.466596E-08
48045	G	1.688854E-02	-1.959769E-05	-8.681577E-01	1.883140E-08	3.260197E-03	-7.153898E-08
48845	G	4.433938E-02	-2.047942E-05	-8.965213E-01	2.111143E-08	3.260197E-03	-6.955497E-08
49745	G	7.221407E-02	-2.117350E-05	-9.253410E-01	2.338830E-08	3.260198E-03	-6.671905E-08
50645	G	1.000561E-01	-2.195883E-05	-9.541295E-01	2.640425E-08	3.260198E-03	-6.353997E-08
51545	G	1.279308E-01	-2.276022E-05	-9.829166E-01	3.207437E-08	3.260198E-03	-6.202492E-08
52045	G	1.566532E-01	-2.328964E-05	-1.000000E+00	1.048782E-08	3.260199E-03	-4.838850E-08

61912	G	-1.[illegible]E-02	-1.5784[illegible]E-06	9.028873E-02	1.403632E-08	3.261648E-03	1.824631E-06
61913	G	-1.925[illegible]E-02	-1.560360E-06	9.028873E-02	1.403632E-08	3.261648E-03	2.525266E-06
61914	G	-2.31[illegible]E-02	-1.5[illegible]E-06	9.028873E-02	1.403632E-08	3.261648E-03	2.084575E-06
61916	G	-3.[illegible]E-02	-1.519429E-06	9.028840E-02	-8.201004E-10	3.261742E-03	-1.400794E-06
61917	G	-[illegible]E-02	-1.520250E-06	9.028840E-02	-8.201004E-10	3.261742E-03	-1.921342E-06
61918	G	-[illegible]E-02	-1.521275E-06	9.028840E-02	-8.201004E-10	3.261742E-03	-1.537424E-06
61922	G	-2.340352E-02	-1.485992E-06	5.555811E-02	5.646690E-09	3.261023E-03	2.382966E-07
61923	G	-2.627322E-02	-1.481022E-06	5.555811E-02	5.646690E-09	3.261023E-03	-4.197081E-07
61924	G	-2.[illegible]E-02	-1.476448E-06	5.555811E-02	5.646690E-09	3.261023E-03	1.309237E-07
61926	G	-4.613338E-02	-2.105163E-06	5.555802E-02	-7.048533E-08	3.261061E-03	-1.026734E-07
61927	G	-4.835091E-02	-2.153093E-06	5.555802E-02	-7.048533E-08	3.261061E-03	-4.022396E-07
61928	G	-5.167719E-02	-2.224988E-06	5.555802E-02	-7.048533E-08	3.261061E-03	-1.605260E-07
61934	G	-4.825127E-02	1.119567E-06	-1.348149E-06	-1.132670E-06	3.260780E-03	2.738680E-07
61935	G	-5.033818E-02	3.946784E-07	-1.348149E-06	-1.132670E-06	3.260781E-03	9.266756E-07
61936	G	-5.262072E-02	-3.981905E-07	-1.348149E-06	-1.132670E-06	3.260780E-03	4.147166E-07
62211	G	-1.358732E-02	-1.752226E-06	8.807081E-02	0.0	0.0	0.0
62213	G	-1.926112E-02	-2.232200E-06	8.807069E-02	1.454620E-07	3.262575E-03	1.864041E-[illegible]
62217	G	-4.182944E-02	-4.476523E-06	8.807081E-02	2.898796E-07	3.262344E-03	-1.154117E-[illegible]
62219	G	-4.636203E-02	-4.816356E-06	8.807081E-02	0.0	0.0	0.0
62221	G	-2.043657E-02	-7.334779E-07	5.379746E-02	-3.320668E-07	3.261091E-03	2.386332E-[illegible]
62224	G	-2.891504E-02	-1.271492E-06	5.379742E-02	-1.396632E-07	3.260779E-03	1.469766E-07
62226	G	-4.613313E-02	-2.199322E-06	5.379744E-02	7.312366E-09	3.261453E-03	-5.359020E-[illegible]
62229	G	-5.255713E-02	-2.557586E-06	5.379745E-02	-3.301838E-07	3.260250E-03	-5.112604E-[illegible]
62231	G	-4.521969E-02	1.270804E-06	-6.188061E-06	4.863177E-07	3.260640E-03	2.384832E-07
62239	G	-5.262192E-02	-2.540660E-07	-6.167118E-06	-1.714223E-06	3.260841E-03	3.756775E-07
62811	G	-1.359008E-02	-1.175947E-06	8.376431E-02	0.0	0.0	0.0
62819	G	-4.398164E-02	-4.517818E-06	8.376437E-02	0.0	0.0	0.0
62821	G	-2.043794E-02	-3.759142E-07	5.040478E-02	0.0	0.0	0.0
62829	G	-5.030791E-02	-2.384770E-06	5.040479E-02	0.0	0.0	0.0
62831	G	-4.339486E-02	1.301019E-06	-8.767145E-06	0.0	0.0	0.0
62839	G	-5.056882E-02	2.745110E-07	-8.778325E-06	0.0	0.0	0.0
63411	G	-1.359120E-02	-1.121416E-06	7.929498E-02	0.0	0.0	0.0
63419	G	-4.150465E-02	-3.801562E-06	7.929498E-02	0.0	0.0	0.0
63421	G	-2.043909E-02	-8.671759E-08	4.688154E-02	0.0	0.0	0.0
63429	G	-4.799788E-02	-2.066645E-06	4.688[illegible]5E-02	0.0	0.0	0.0
63431	G	-4.150467E-02	1.287670E-06	-1.050867E-05	0.0	0.0	0.0
63439	G	-4.845044E-02	6.24537[illegible]-07	-1.051436E-05	0.0	0.0	0.0
64211	G	-1.359295E-02	-8.882267E-07	7.299906E-02	0.0	0.0	0.0
64219	G	-3.801711E-02	-2.982496E-06	7.299912E-02	0.0	0.0	0.0
64221	G	-2.044081E-02	2.843728E-07	4.192279E-02	0.0	0.0	0.0
64229	G	-4.473462E-02	-1.566276E-06	4.192279E-02	-2.484126E-07	3.260839E-03	1.486039E-07
64231	G	-3.883234E-02	1.407689E-06	-1.255926E-05	0.0	0.0	0.0
64239	G	-4.545198E-02	9.037751E-07	-1.256111E-05	0.0	0.0	0.0
65011	G	-1.359461E-02	-5.730317E-07	6.689900E-02	0.0	0.0	0.0
65019	G	-3.462739E-02	-2.293051E-06	6.689900E-02	0.0	0.0	0.0
6502.	G	-2.044246E-02	6.080623E-07	3.709447E-02	0.0	0.0	0.0
65029	G	-4.154047E-02	-1.045389E-06	3.709447E-02	0.0	0.0	0.0
65031	G	-3.622524E-02	1.593467E-06	-1.454061E-05	0.0	0.0	0.0
65039	G	-4.255135E-02	1.111928E-06	-1.454090E-05	0.0	0.0	0.0
65911	G	-1.359624E-02	-2.181658E-07	6.076640E-02	0.0	0.0	0.0
65919	G	-3.123763E-02	-1.643258E-06	6.076640E-02	0.0	0.0	0.0
65921	G	-2.044408E-02	9.053454E-07	3.226621E-02	0.0	0.0	0.0
65929	G	-3.837899E-02	-5.098304E-07	3.226622E-02	-2.573072E-07	3.260991E-03	1.296868E-07
65931	G	-3.361812E-02	1.795664E-06	-1.660528E-05	0.0	0.0	0.0
65939	G	-3.963074E-02	1.329317E-06	-1.660513E-05	0.0	0.0	0.0
71912	G	-1.506472E-02	-3.943015E-06	9.028584E-02	1.132405E-07	3.261277E-03	-2.259163E-06
71913	G	-1.926199E-02	-3.797275E-06	9.028584E-02	1.132405E-07	3.261277E-03	-2.151567E-06
71914	G	-2.315268E-02	-3.662179E-06	9.028584E-02	1.132405E-07	3.261277E-03	-2.501452E-06
71916	G	-3.857772E-02	-3.036231E-06	9.028566E-02	7.766278E-08	3.261911E-03	1.220540E-06
71917	G	-4.184290E-02	-2.958491E-06	9.028566E-02	7.766278E-08	3.261911E-03	2.701316E-06
71918	G	-4.572130E-02	-2.866150E-06	9.028566E-02	7.766278E-08	3.261911E-03	1.330580E-06
71922	G	-2.341069E-02	-2.742556E-06	5.555605E-02	9.583073E-08	3.260948E-03	2.371022E-09
71923	G	-2.628032E-02	-2.658225E-06	5.555605E-02	9.583073E-08	3.260948E-03	4.575263E-08
71924	G	-2.892169E-02	-2.580602E-06	5.555605E-02	9.583073E-08	3.260948E-03	1.078164E-07
71926	G	-4.613996E-02	-1.267260E-06	5.555593E-02	1.783541E-07	3.260965E-03	3.651500E-07
71927	G	-4.835741E-02	-1.145980E-06	5.555593E-02	1.783541E-07	3.260965E-03	6.344942E-08

71926		-5.10[illegible]	-5.[illegible]40E-07	5.5555931E-02	1.7[illegible]541E-07	3.2603965E-03	4.33d6d0E-07
71935		[illegible]	2.1219428E-07	-1.3814[illegible]E-06	1.2.2403E-06	3.2601[illegible]E-03	-3.3944926E-07
71945		-5.33[illegible]	5.537438E-07	-1.3814[illegible]E-06	1.2124[illegible]E-06	3.2601110E-03	-1.4728246-06
71946		-5.2[illegible]	1.4124251-06	-1.3817[illegible]E-06	1.21240 3E-06	3.2601110E-03	-1.1016616-06
72211		-1.33[illegible]	-5.5461776-06	8.8067[illegible]E-02	0.0	0.0	0.0
72213		-1.92[illegible]	-4.8533366-06	8.8067536-02	5.1577366-08	3.2622096-03	-1.4977866-06
72217		-4.15[illegible]	-1.5[illegible]310E-06	8.8067716-02	-2.[illegible]1250E-07	3.2626656-03	1.7546376-06
72224		-4.636[illegible]	-9.9014146-07	8.8067656-02	0.0	0.0	0.0
72226		-2.04[illegible]	-3.[illegible]170E-06	5.3795146-02	4.8[illegible]291E-07	3.2603[illegible]E-03	1.2609566-08
72229		-2.8921366-02	-2.[illegible]386-06	5.3795166-02	2.4312796-07	3.2607146-03	9.2357606-08
72226		-4.6139926-02	-1.0315456-06	5.3795216-02	9.5989266-08	3.2613556-03	3.1609726-07
72229		-5.2562696-02	-4.2299776-07	5.3795226-02	4.6171596-07	3.2631126-03	3.1853036-07
72231		-4.5225116-02	-5.4567376-07	-6.5416766-06	6.6569596-07	3.2593176-03	-1.3453406-07
72234		-5.2627076-02	1.2744566-06	-6.5599596-06	1.8332596-06	3.2604426-03	-8.8706356-07
72416		-1.[illegible]E-02	-[illegible]E-06	8.3763[illegible]E-02	0.0	0.0	0.0
72419		-4.3985966-02	-9.[illegible]E-07	8.3763506-02	0.0	0.0	0.0
72421		-2.[illegible]E-02	-3.6241746-06	5.0401406-02	0.0	0.0	0.0
72429		-5.[illegible]E-02	-4.[illegible]E-07	5.0401416-02	0.0	0.0	0.0
72431		-4.3399426-02	-6.6293636-07	-1.3066696-05	0.0	0.0	0.0
72439		-5.[illegible]E-02	8.[illegible]E-07	-1.3375676-05	0.0	0.0	0.0
73411		-1.[illegible]E-02	-5.4497106-06	7.9290336-02	0.0	0.0	0.0
73419		-4.[illegible]E-02	-1.5086446-06	7.9290336-02	0.0	0.0	0.0
73421		-2.[illegible]E-02	-3.6640656-06	4.6877956-02	0.0	0.0	.0
73429		-4.7796666-02	-5.5286306-07	4.6877956-02	0.0	0.0	0.0
73431		-4.1507526-02	-7.[illegible]E-07	-1.2608596-05	0.0	0.0	0.0
73439		-4.8453166-02	2.[illegible]E-07	-1.2614406-05	0.0	0.0	0.0
74211		-1.3594[illegible]E-02	-5.1774346-06	7.2993406-02	0.0	0.0	0.0
74219		-3.8[illegible]E-02	-2.[illegible]E-06	7.2993466-02	0.0	0.0	0.0
74224		-2.[illegible]E-02	-3.[illegible]E-06	4.1914196-02	0.0	0.0	0.0
74229		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2660886-07
74231		-3.[illegible]E-02	-4.2913726-07	-1.[illegible]E-05	0.0	0.0	0.0
74239		-4.5[illegible]E-02	-1.[illegible]E-07	-1.5797726-05	0.0	0.0	0.0
75011		-1.3594[illegible]E-02	-5.[illegible]E-06	6.6892396-02	0.0	0.0	0.0
75019		-3.4626[illegible]E-02	-3.[illegible]E-06	6.6892396-02	0.0	0.0	0.0
75021		-2.0442[illegible]E-02	-3.[illegible]E-06	3.7088896-02	0.0	0.0	0.0
75029		-4.[illegible]E-02	-1.[illegible]E-06	3.7084906-02	0.0	0.0	0.0
75031		-3.6[illegible]E-02	1.2185936-06	-1.8870646-05	0.0	0.0	0.0
75039		-4.2550[illegible]E-02	-4.7332136-07	-1.8891066-05	0.0	0.0	0.0
75911		-1.3594[illegible]E-02	-4.9058266-06	6.0758906-02	0.0	0.0	0.0
75919		-3.1234826-02	2.7392156-06	6.0758906-02	0.0	0.0	0.0
75921		-2.0441646-02	-4.[illegible]E-06	3.2259676-02	0.0	0.0	0.0
75929		-3.8375[illegible]	-1.[illegible]E-06	3.2259676-02	[illegible]	[illegible]	1.5045646-07
75931		-3.3615[illegible]	-1.[illegible]E-06	-2.2381866-05	0.0	0.0	0.0
75939		-3.9647656-02	-4.1050196-07	-2.2381726-05	0.0	0.0	0.0
122400	G	5.1503586-02	-3.4420566-05	-3.2964856-02	-8.3975126-08	3.2662926-03	2.8012816-07
123467	G	-2.0050686-02	-8.8476416-07	-6.6768656-02	0.0	0.0	0.0
123483	G	3.7624496-02	-6.2344656-05	-6.5530666-02	0.0	0.0	0.0
124800	G	5.1503586-02	-2.8125516-05	-1.1103426-01	-8.3975126-08	3.2662926-03	2.8012816-07
125063	G	-2.0048496-02	-2.4211496-06	-1.1756216-01	0.0	0.0	0.0
125065	G	-2.0049596-02	-2.4240656-06	-1.1756226-01	0.0	0.0	0.0
125067	G	-2.0050686-02	-2.4243656-06	-1.1756246-01	0.0	0.0	0.0
125383	G	3.3333176-02	-2.7130606-05	-1.2843146-01	0.0	0.0	0.0
125387	G	3.3339756-02	-2.7130606-05	-1.2842956-01	0.0	0.0	0.0
126863	G	-2.1613556-02	-3.7304426-06	-1.7705986-01	0.0	0.0	0.0
126867	G	-2.1615166-02	-3.7138566-06	-1.7705996-01	0.0	0.0	0.0
127200	G	5.1503586-02	-2.1178326-05	-1.9203926-01	-8.3975126-08	3.2662926-03	2.8012816-07
189073	G	2.6033076-02	-2.3494926-06	7.8251066-02	6.7079336-08	3.2604306-03	5.8229996-08
189077	G	2.6032616-02	-2.3494926-06	7.8249396-02	6.7079336-08	3.2604306-03	5.8229996-08
200070	G	-6.7979416-06	-1.2559376-06	4.5450356-02	6.7079336-08	3.2604306-03	5.8229996-08
200076	G	2.4031606-02	-1.7636486-06	4.5450356-02	6.7079336-08	3.2604306-03	5.8229996-08
200079	G	2.8827116-02	-1.9629766-06	4.5450356-02	6.7080246-08	3.2604306-03	5.8229996-08
200086	G	5.2302146-02	-2.3454786-06	4.5450356-02	6.7043936-08	3.2604296-03	5.8229996-08
200087	G	5.2302146-02	-2.3454786-06	4.5450356-02	6.7083486-08	3.2604286-03	5.8229996-08
200095	G	8.0831096-02	-2.3329646-06	4.5450356-02	6.7083656-08	3.2604266-03	5.8229996-08
200096	G	8.0831096-02	-2.3329556-06	4.5450356-02	6.7084506-08	3.2604256-03	5.8229996-08
200101	G	9.9333826-02	-5.3136596-06	4.5450356-02	6.7081776-08	3.2604226-03	5.8229996-08

200[illegible]		1.166956E-01	-3.670467E-06	4.545335E-02	6.708149E-08	3.260424E-03	5.822999E-08
200114		1.427790E-01	-4.207527E-06	4.545035E-02	6.708336E-08	3.260431E-03	5.822999E-08
200121		1.656020E-01	-4.677113E-06	4.545335E-02	6.708344E-08	3.260429E-03	5.822999E-08
200129		1.916854E-01	-5.213778E-06	4.545335E-02	6.708296E-08	3.260425E-03	5.822999E-08
200137		2.177688E-01	-5.750442E-06	4.545335E-02	6.708291E-08	3.260428E-03	5.822999E-08
200145		2.438523E-01	-6.287105E-06	4.545335E-02	6.708296E-08	3.260433E-03	5.822999E-08
200153		2.691533E-01	-6.807671E-06	4.545335E-02	6.708296E-08	3.260435E-03	5.822999E-08
200155		2.763588E-01	-6.955923E-06	4.545035E-02	6.708296E-08	3.260435E-03	5.822999E-08
211001	G	-2.049945E-01	1.238812E-05	3.383674E-01	1.377997E-07	3.261682E-03	-1.138652E-07
211002	G	-2.049999E-01	8.001568E-06	3.383335E-01	1.369302E-07	3.261684E-03	-3.243388E-08
211073		2.400097E-02	-1.081243E-06	7.238936E-03	6.707933E-08	3.260430E-03	5.822999E-08
211077	G	2.400241E-02	-1.081243E-06	7.237274E-03	6.707933E-08	3.260430E-03	5.822999E-08
214075	G	2.400169E-02	-9.193636E-07	-1.825888E-03	6.707933E-08	3.260430E-03	5.822999E-08
214901	G	-2.049945E-01	7.898413E-06	2.097593E-01	1.377997E-07	3.261682E-03	-1.138652E-07
214902	G	-2.049999E-01	6.722700E-06	2.097749E-01	1.369302E-07	3.261684E-03	-3.243388E-08
215101	G	-1.441620E-01	4.851088E-06	2.025199E-01	1.796917E-07	3.261797E-03	5.857803E-09
215102	G	-1.441692E-01	3.878640E-06	2.025322E-01	1.834303E-07	3.261688E-03	9.887958E-08
215201	G	-1.300067E-01	4.029771E-06	2.005659E-01	2.179910E-07	3.261780E-03	1.193603E-07
215202	G	-1.300113E-01	3.083939E-06	2.005721E-01	2.216856E-07	3.261719E-03	1.696046E-07
222001	G	-2.049946E-01	1.651243E-06	-2.096067E-02	9.282604E-08	3.261377E-03	-1.778384E-08
222002	G	-2.049999E-01	1.810553E-06	-2.095618E-02	9.226875E-08	3.261652E-03	-6.379264E-08
222201	G	-1.441705E-01	2.106011E-07	-2.846092E-02	6.048003E-08	3.261362E-03	4.213054E-08
222202	G	-1.441711E-01	2.418544E-07	-2.845878E-02	5.931895E-08	3.261576E-03	-2.168000E-08
222301	G	-1.278641E-01	-2.582530E-09	-3.068224E-02	3.111897E-08	3.261413E-03	1.267172E-08
222302	G	-1.278637E-01	2.071760E-09	-3.048163E-02	3.014503E-08	3.261512E-03	-2.233270E-08
223401	G	-2.049946E-01	1.392487E-06	-6.841367E-02	9.282604E-08	3.261377E-03	-1.778384E-08
223402	G	-2.049999E-01	8.823690E-07	-6.841320E-02	9.226875E-08	3.261652E-03	-6.379264E-08
520018	G	1.566532E-01	-2.328963E-05	-1.000000E 00	2.948847E-08	3.260199E-03	-7.993265E-08
520024	G	1.566532E-01	-2.328963E-05	-9.999999E-01	7.793076E-09	3.260199E-03	-4.650292E-08
520057	G	1.566536E-01	-2.328963E-05	-9.999999E-01	1.826324E-08	3.260199E-03	-8.035869E-08
520065	G	1.566536E-01	-2.328963E-05	-9.999998E-01	-1.690470E-09	3.260199E-03	-5.045975E-08
520068	G	1.566536E-01	-2.328963E-05	-9.999998E-01	-4.958018E-09	3.260199E-03	-4.673108E-08
520079	G	1.566537E-01	-2.328963E-05	-9.999999E-01	1.172066E-09	3.260199E-03	-5.611833E-08
520135	G	1.566542E-01	-2.328963E-05	-9.999997E-01	2.272296E-08	3.260199E-03	-7.686413E-08
520139	G	1.566542E-01	-2.328963E-05	-9.999997E-01	1.208173E-08	3.260199E-03	-6.214361E-08
520152	G	1.566543E-01	-2.328964E-05	-9.999997E-01	-6.040867E-09	3.260199E-03	-3.717776E-08
520185	G	1.566544E-01	-2.328964E-05	-9.999997E-01	-6.040864E-09	3.260199E-03	-3.717776E-08

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 0.0

REAL EIGENVECTOR NO. 3

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
4441	G	1.595100E-02	5.903519E-01	-3.151435E-04	0.0	0.0	0.0
4447	G	-1.594623E-02	5.903396E-01	-4.339466E-04	0.0	0.0	0.0
4461	G	2.261418E-02	5.902187E-01	-2.811900E-04	0.0	0.0	0.0
4467	G	-2.269543E-02	5.902187E-01	-4.678795E-04	0.0	0.0	0.0
4631	G	3.733866E-02	5.479536E-01	-1.733745E-04	0.0	0.0	0.0
4633	G	2.955860E-02	5.480126E-01	-2.085899E-04	0.0	0.0	0.0
4637	G	-2.958573E-02	5.480126E-01	-4.759145E-04	0.0	0.0	0.0
4639	G	-3.738203E-02	5.479588E-01	-5.111056E-04	0.0	0.0	0.0
4641	G	4.017932E-02	5.478470E-01	-1.602116E-04	0.0	0.0	0.0
4645	G	-4.026106E-02	5.478478E-01	-5.241693E-04	0.0	0.0	0.0
4661	G	3.155148E-02	5.477240E-01	-1.989076E-04	0.0	0.0	0.0
4669	G	-3.167295E-02	5.477228E-01	-4.853422E-04	0.0	0.0	0.0
6123	G	3.260526E-02	4.983687E-01	-1.529332E-04	0.0	0.0	0.0
6127	G	-3.260644E-02	4.983690E-01	-4.540351E-04	0.0	0.0	0.0
6131	G	4.534816E-02	4.982924E-01	-9.638842E-05	0.0	0.0	0.0
6133	G	3.259407E-02	4.982925E-01	-1.528274E-04	0.0	0.0	0.0
6137	G	-3.262108E-02	4.982926E-01	-4.540835E-04	0.0	0.0	0.0
6139	G	-4.537527E-02	4.982925E-01	-5.112351E-04	0.0	0.0	0.0
6141	G	4.736267E-02	4.981692E-01	-8.739611E-05	0.0	0.0	0.0
6143	G	3.256755E-02	4.981690E-01	-1.530524E-04	0.0	0.0	0.0
6147	G	-3.263022E-02	4.981691E-01	-4.541224E-04	0.0	0.0	0.0
6149	G	-4.743069E-02	4.981691E-01	-5.210424E-04	0.0	0.0	0.0
6161	G	4.903493E-02	4.980836E-01	-4.250526E-05	0.0	0.0	0.0
6163	G	3.259263E-02	4.980835E-01	-1.532553E-04	0.0	0.0	0.0
6167	G	-3.263583E-02	4.980826E-01	-4.542272E-04	0.0	0.0	0.0
6169	G	-4.913252E-02	4.980827E-01	-5.269063E-04	0.0	0.0	0.0
6171	G	3.251662E-02	5.217499E-01	-1.718471E-04	0.0	0.0	0.0
6179	G	-3.265962E-02	5.217530E-01	-4.735601E-04	0.0	0.0	0.0
7031	G	-4.993541E-02	4.671875E-01	0.0	0.0	0.0	0.0
7033	G	3.259451E-02	4.671873E-01	1.143072E-04	0.0	0.0	0.0
7037	G	-3.262184E-02	4.671873E-01	-4.461478E-04	0.0	0.0	0.0
7039	G	-4.905532E-02	4.671875E-01	0.0	0.0	0.0	0.0
7043	G	3.256822E-02	0.0	-1.156559E-04	0.0	0.0	0.0
7047	G	-3.263057E-02	0.0	-4.444169E-04	0.0	0.0	0.0
7061	G	3.145432E-02	4.669690E-01	-1.888207E-04	0.0	0.0	0.0
7063	G	3.254625E-02	4.669690E-01	-1.160988E-04	0.0	0.0	0.0
7067	G	-3.263848E-02	4.669694E-01	-4.438750E-04	0.0	0.0	0.0
7069	G	-5.154829E-02	4.669693E-01	-4.896864E-04	0.0	0.0	0.0
7071	G	8.175969E-02	0.0	-4.168656E-02	0.0	0.0	0.0
7079	G	-8.197504E-02	0.0	-4.103603E-02	0.0	0.0	0.0
7505	G	2.180779E-05	4.522778E-01	-2.693687E-04	1.659232E-05	-2.364443E-06	-4.268817E-03
8303	G	-6.797093E-05	4.259692E-01	-2.529733E-04	0.0	0.0	0.0
8531	G	5.509753E-02	4.200033E-01	0.0	0.0	0.0	0.0
8533	G	3.259451E-02	4.200033E-01	-8.003652E-05	0.0	0.0	0.0
8537	G	-3.262184E-02	4.200033E-01	-4.119270E-04	0.0	0.0	0.0
8539	G	-5.512409E-02	4.200033E-01	0.0	0.0	0.0	0.0
8543	G	3.257086E-02	0.0	-7.899374E-05	0.0	0.0	0.0
8547	G	-3.263252E-02	0.0	-4.132206E-04	0.0	0.0	0.0
8561	G	5.515010E-02	4.197464E-01	-2.806433E-04	0.0	0.0	0.0
8563	G	3.255362E-02	4.197465E-01	-7.857843E-05	0.0	0.0	0.0
8567	G	-3.264101E-02	4.197465E-01	-4.136255E-04	0.0	0.0	0.0
8569	G	-5.523498E-02	4.197465E-01	-3.930605E-04	0.0	0.0	0.0
8571	G	8.170557E-02	0.0	-3.894659E-02	0.0	0.0	0.0
8579	G	-8.193672E-02	0.0	-3.879503E-02	0.0	0.0	0.0
9303	G	3.264872E-02	3.952140E-01	-5.164776E-05	0.0	0.0	0.0
9307	G	-3.256611E-02	3.952138E-01	-4.087340E-04	0.0	0.0	0.0

9313		[illegible]	3.951231E-01	-3.174326E-05	0.0	0.0	0.0
9317		[illegible]	3.951193E-01	-4.087694E-04	0.0	0.0	0.0
9331		[illegible]	3.947631E-01	1.157169E-04	0.0	0.0	0.0
9333		[illegible]	3.947635E-01	-5.784483E-05	0.0	0.0	0.0
9337		[illegible]	3.947649E-01	-4.039111E-04	0.0	0.0	0.0
9339		[illegible]	3.947648E-01	-5.625133E-04	0.0	0.0	0.0
9341		0.0	3.866980E-01	1.528947E-02	0.0	0.0	0.0
9343		[illegible]	3.866976E-01	-5.437263E-05	0.0	0.0	0.0
9347		[illegible]	3.866965E-01	-3.986035E-04	0.0	0.0	0.0
9349		0.0	3.866933E-01	-1.572935E-02	0.0	0.0	0.0
9361	G	[illegible]	3.809470E-01	7.926712E-05	0.0	0.0	0.0
9363		[illegible]	3.809470E-01	-5.035441E-05	0.0	0.0	0.0
9367	G	-3.263454E-02	3.809451E-01	-3.967567E-04	0.0	0.0	0.0
9369		-5.924366E-02	3.809448E-01	-5.083310E-04	0.0	0.0	0.0
9371	G	5.731430E-02	3.757942E-01	1.370253E-04	0.0	0.0	0.0
9373	G	0.0	3.757941E-01	8.371439E-03	0.0	0.0	0.0
9377	G	0.0	3.757968E-01	-8.823235E-03	0.0	0.0	0.0
9379	G	-5.746608E-02	3.757982E-01	-5.422661E-04	0.0	0.0	0.0
11300	G	3.262607E-02	3.277566E-01	-1.023112E-05	0.0	0.0	0.0
11503	G	3.264296E-02	3.214896E-01	0.0	0.0	0.0	0.0
11507	G	-3.257589E-02	3.214896E-01	0.0	0.0	0.0	0.0
11531	G	5.841431E-02	3.211266E-01	0.0	0.0	0.0	0.0
11533	G	3.260588E-02	3.211280E-01	-4.283698E-05	0.0	0.0	0.0
11537	G	-3.263401E-02	3.211309E-01	-3.723106E-04	0.0	0.0	0.0
11539	G	-5.843705E-02	3.211303E-01	0.0	0.0	0.0	0.0
11543	G	3.258016E-02	3.209211E-01	-4.173318E-05	0.0	0.0	0.0
11547	G	-3.264054E-02	3.209211E-01	-3.738475E-04	0.0	0.0	0.0
11561	G	5.837088E-02	3.207280E-01	3.532832E-04	0.0	0.0	0.0
11563	G	3.255875E-02	3.207280E-01	-4.085367E-05	0.0	0.0	0.0
11567	G	-3.264003E-02	3.206773E-01	-3.750718E-04	0.0	0.0	0.0
11569	G	-5.847812E-02	3.206772E-01	-4.371861E-04	0.0	0.0	0.0
11571	G	5.627701E-02	0.0	-2.092745E-02	0.0	0.0	0.0
11579	G	-5.651456E-02	0.0	2.086389E-02	0.0	0.0	0.0
11700	G	-2.345706E-02	3.206014E-01	-3.344829E-04	0.0	0.0	0.0
13500	G	-8.414543E-05	2.572007E-01	-1.711766E-04	0.0	0.0	0.0
13801	G	5.166955E-02	2.460845E-01	1.876428E-04	0.0	0.0	0.0
13803	G	3.264332E-02	2.461013E-01	3.786934E-05	0.0	0.0	0.0
13807	G	-3.257624E-02	2.460992E-01	-3.626465E-04	0.0	0.0	0.0
13809	G	-5.161224E-02	2.460802E-01	-4.937253E-04	0.0	0.0	0.0
13821	G	5.787553E-02	2.459126E-01	2.306871E-04	0.0	0.0	0.0
13823	G	3.260050E-02	2.459087E-01	3.973157E-05	0.0	0.0	0.0
13827	G	-3.256711E-02	2.459076E-01	-3.685095E-04	0.0	0.0	0.0
13829	G	-5.783995E-02	2.459123E-01	-5.263614E-04	0.0	0.0	0.0
13831	G	5.852848E-02	2.457039E-01	2.491693E-04	0.0	0.0	0.0
13833	G	3.265350E-02	2.457063E-01	3.131969E-05	0.0	0.0	0.0
13837	G	-3.266548E-02	2.457189E-01	-3.670549E-04	0.0	0.0	0.0
13839	G	-5.854400E-02	2.457228E-01	-5.092833E-04	0.0	0.0	0.0
13841	G	0.0	2.455494E-01	3.200590E-04	0.0	0.0	0.0
13843	G	3.256505E-02	2.455402E-01	2.409155E-05	0.0	0.0	0.0
13847	G	-3.262521E-02	2.455354E-01	-3.609685E-0	0.0	0.0	0.0
13848	G	-3.262204E-02	2.568062E-01	-3.721453E-04	0.0	0.0	0.0
13849	G	0.0	2.568015E-01	2.032034E-02	0.0	0.0	0.0
13861	G	5.861175E-02	2.452893E-01	3.552481E-04	0.0	0.0	0.0
13863	G	3.254360E-02	2.452902E-01	2.652181E-05	0.0	0.0	0.0
13867	G	-3.265528E-02	2.662245E-01	-3.915934E-04	0.0	0.0	0.0
13869	G	-5.873370E-02	2.662225E-01	-1.017921E-03	0.0	0.0	0.0
13871	G	5.868268E-02	0.0	-7.070526E-03	0.0	0.0	0.0
13879	G	-5.224882E-02	0.0	2.888206E-02	0.0	0.0	0.0
14801	G	5.166955E-02	2.140722E-01	1.201540E-04	0.0	0.0	0.0
14803	G	3.264606E-02	2.140911E-01	4.225997E-05	0.0	0.0	0.0
14807	G	-3.257936E-02	2.140899E-01	-3.271648E-04	0.0	0.0	0.0
14809	G	-5.161224E-02	2.140705E-01	-4.026457E-04	0.0	0.0	0.0
14821	G	5.785609E-02	2.139556E-01	1.450870E-04	0.0	0.0	0.0
14823	G	3.257967E-02	2.139500E-01	4.225997E-05	0.0	0.0	0.0
14827	G	-3.254642E-02	2.139497E-01	-3.271648E-04	0.0	0.0	0.0
14829	G	-5.782275E-02	2.139553E-01	-4.271967E-04	0.0	0.0	0.0

14441		5.852935E-02	2.138029E-01	1.496[illegible]E-04	0.0	0.0	0.0
14443		5.271500E-02	2.138060E-01	[illegible]E-05	0.0	0.0	0.0
14837		-5.272819E-02	2.138035E-01	-5.290[illegible]E-04	0.0	0.0	0.0
14839		-5.859456E-02	2.138021E-01	[illegible]E-04	0.0	0.0	0.0
14841		0.0	2.135929E-01	1.292104E-04	0.0	0.0	0.0
14843		5.253008E-02	2.135816E-01	[illegible]E-05	0.0	0.0	0.0
14847		-5.259695E-02	2.135831E-01	[illegible]E-04	0.0	0.0	0.0
14849		0.0	2.135916E-01	[illegible]E-04	0.0	0.0	0.0
14861		5.855525E-02	2.134243E-01	7.495[illegible]E-05	0.0	0.0	0.0
14863		5.253013E-02	2.134272E-01	1.445732E-05	0.0	0.0	0.0
14867		-5.265012E-02	2.134223E-01	[illegible]E-04	0.0	0.0	0.0
14869		-5.867769E-02	2.134236E-01	-5.603[illegible]E-04	0.0	0.0	0.0
14881		5.734134E-02	2.[illegible]E-01	6.699313E-05	0.0	0.0	0.0
14883		5.247627E-02	2.[illegible]E-01	9.271[illegible]E-06	0.0	0.0	0.0
14887		-5.264318E-02	2.[illegible]E-01	-2.823[illegible]E-04	0.0	0.0	0.0
14889		-5.750048E-02	2.[illegible]E-01	[illegible]E-04	0.0	0.0	0.0
15213		4.404696E-02	2.011439E-01	1.265[illegible]E-04	1.573[illegible]E-05	-7.[illegible]E-05	-5.264465E-03
15215		-4.399263E-02	2.011431E-01	-5.964[illegible]E-04	1.561[illegible]E-05	5.672[illegible]E-06	-5.264438E-03
15601		5.363681E-02	1.[illegible]E-01	2.[illegible]E-04	0.0	0.0	0.0
15603		5.264606E-02	1.[illegible]E-01	1.[illegible]E-04	0.0	0.0	0.0
15607		-5.257936E-02	1.882682E-01	-1.562148E-04	0.0	0.0	0.0
15609		-5.354510E-02	1.882360E-01	-4.512[illegible]E-04	0.0	0.0	0.0
15611		5.778921E-02	1.881211E-01	2.214[illegible]E-04	0.0	0.0	0.0
15623		5.031132E-02	1.881231E-01	1.270[illegible]E-04	0.0	0.0	0.0
15625		1.554402E-05	1.881509E-01	-1.279[illegible]E-04	0.0	0.0	0.0
15627		-5.799803E-02	1.881279E-01	-5.823317E-04	0.0	0.0	0.0
15629		-5.775824E-02	1.881238E-01	-4.719521E-04	0.0	0.0	0.0
15633		7.344104E-02	0.0	1.749939E-04	0.0	0.0	0.0
15637		-7.346666E-02	0.0	[illegible]E-04	0.0	0.0	0.0
16481		5.737120E-02	1.628059E-01	1.091417E-04	0.0	0.0	0.0
16483		4.022769E-02	1.628055E-01	0.0	0.0	0.0	0.0
16485		-8.361744E-05	1.628070E-01	0.0	0.0	0.0	0.0
16487		-4.039439E-02	1.628063E-01	0.0	0.0	0.0	0.0
16489		-5.753592E-02	1.628070E-01	-3.416033E-04	0.0	0.0	0.0
17105		-2.854085E-05	1.[illegible]E-01	-8.818[illegible]E-05	0.0	0.0	0.0
18601		5.135611E-02	9.056312E-02	-5.228777E-05	0.0	0.0	0.0
18603		5.043694E-02	9.056669E-02	-6.356342E-05	0.0	0.0	0.0
18607		-5.043121E-02	9.056646E-02	-5.776363E-05	0.0	0.0	0.0
18609		-5.100592E-02	9.056449E-02	3.295718E-05	0.0	0.0	0.0
18621		5.693044E-02	9.052742E-02	-5.733[illegible]E-05	0.0	0.0	0.0
18623		5.273[illegible]E-02	9.051520E-02	-6.246[illegible]E-05	0.0	0.0	0.0
18625		4.934956E-06	9.051543E-02	-5.147[illegible]E-05	0.0	0.0	0.0
18627		-5.268833E-02	9.051643E-02	-5.816447E-05	0.0	0.0	0.0
18629		-5.690524E-02	9.052873E-02	-5.703[illegible]E-05	0.0	0.0	0.0
18631		5.779541E-02	9.042633E-02	-7.093742E-05	0.0	0.0	0.0
18633		0.0	9.042648E-02	-6.[illegible]E-05	0.0	0.0	0.0
18635		0.0	9.042561E-02	-5.252034E-05	0.0	0.0	0.0
18637		0.0	9.042561E-02	-5.859442E-05	0.0	0.0	0.0
18639		-5.7[illegible]E-02	9.042579E-02	-5.163351E-05	0.0	0.0	0.0
18641		5.747850E-02	9.033132E-02	-5.012472E-05	-1.770490E-06	1.057666E-05	-5.253676E-03
18642		5.147268E-02	9.033245E-02	-7.616755E-05	-1.633502E-06	1.033094E-05	-5.252176E-03
18643		4.017275E-02	9.033376E-02	-7.107790E-05	0.0	1.033496E-05	-5.251370E-03
18644		1.878202E-02	9.033642E-02	-6.[illegible]E-05	0.0	0.0	-5.246198E-03
18645		-9.540200E-06	9.033749E-02	-5.370[illegible]E-05	0.0	0.0	-5.245432E-03
18646		-1.880691E-02	9.033746E-02	-6.666[illegible]E-05	0.0	0.0	-5.248205E-03
18647		-4.021837E-02	9.033443E-02	-5.859[illegible]E-05	0.0	-1.846137E-05	-5.255659E-03
18648		-5.153362E-02	9.033354E-02	-5.461[illegible]E-05	-1.279521E-06	-1.[illegible]E-05	-5.256700E-03
18649		-5.804491E-02	9.033257E-02	-5.142[illegible]E-05	-1.522466E-06	-1.[illegible]E-05	-5.258603E-03
18651		5.800117E-02	9.033627E-02	-7.951[illegible]E-05	-2.003773E-06	9.717257E-06	-5.255260E-03
18652		5.149261E-02	9.033632E-02	-7.557[illegible]E-05	-1.[illegible]E-06	8.[illegible]E-06	-5.253505E-03
18653		-5.156993E-02	9.033704E-02	-5.436412E-05	-1.597557E-06	-1.523730E-05	-5.258482E-03
18654		-5.808885E-02	9.033648E-02	-5.142[illegible]E-05	-1.559302E-06	-1.743519E-05	-5.260704E-03
18656		5.804322E-02	9.033624E-02	-7.681[illegible]E-05	-8.383308E-07	8.135983E-06	-5.254267E-03
18657		5.153319E-02	9.034259E-02	-7.531[illegible]E-05	-4.569458E-07	7.[illegible]E-06	-5.255629E-03
18659		-5.164446E-02	9.034222E-02	-5.544717E-05	-7.432253E-07	-1.[illegible]E-05	-5.259922E-03
18661		-5.816296E-02	9.034133E-02	-5.[illegible]E-05	-8.226588E-07	-1.[illegible]E-05	-5.258431E-03

18661	G	5.805410E-02	9.034562E-02	-7.503270E-05	-1.891898E-06	4.563004E-06	-3.254619E-03
18662	G	5.154508E-02	9.034550E-02	-7.369053E-05	-4.454678E-07	1.992682E-06	-3.254449E-03
18663	G	4.023592E-02	9.034538E-02	-7.164093E-05	3.433950E-07	4.266856E-07	-3.254436E-03
18664	G	1.880419E-02	9.034514E-02	-6.143329E-05	0.0	0.0	-3.254881E-03
18665	G	-4.387605E-05	9.034508E-02	-5.385983E-05	0.0	0.0	-3.255737E-03
18666	G	-1.889791E-02	9.034497E-02	-4.672231E-05	0.0	0.0	-3.256943E-03
18667	G	-4.034947E-02	9.034497E-02	-3.849162E-05	3.731303E-07	-5.049746E-06	-3.258399E-03
18668	G	-5.167274E-02	9.034508E-02	-3.683797E-05	-3.217850E-07	-7.290196E-06	-3.258571E-03
18669	G	-5.819005E-02	9.034520E-02	-3.572123E-05	-1.852628E-06	-9.537836E-06	-3.258750E-03
18681	G	5.743900E-02	9.034139E-02	-7.089932E-05	0.0	0.0	0.0
18683	G	4.023899E-02	9.034127E-02	-7.160973E-05	3.433950E-07	1.190404E-07	-3.258430E-03
18685	G	-8.352405E-05	9.034115E-02	-5.399653E-05	0.0	0.0	0.0
18687	G	-4.040724E-02	9.034050E-02	-3.866537E-05	3.731303E-07	-4.668119E-06	-3.258430E-03
18689	G	-5.761191E-02	9.034055E-02	-4.012776E-05	0.0	0.0	0.0
18983	G	4.023983E-02	7.831365E-02	-6.794895E-05	0.0	-1.953553E-06	-3.260480E-03
18987	G	-4.040812E-02	7.831297E-02	-2.532609E-05	0.0	-2.814605E-06	-3.260472E-03
19741	G	5.764638E-02	5.556639E-02	-7.748367E-05	-2.193492E-06	1.173875E-06	-3.254029E-03
19742	G	3.278546E-02	5.556244E-02	-5.717270E-05	-2.867688E-06	2.874529E-07	-3.253962E-03
19743	G	2.572462E-02	5.556243E-02	-5.126595E-05	0.0	-3.276150E-07	-3.253728E-03
19745	G	-4.298238E-05	5.556238E-02	-2.977943E-05	0.0	0.0	-3.253364E-03
19747	G	-2.581077E-02	5.556231E-02	-8.194436E-06	0.0	-4.546599E-06	-3.253801E-03
19748	G	-3.287179E-02	5.556229E-02	-2.215917E-06	-2.439913E-06	-5.123507E-06	-3.254055E-03
19749	G	-5.773656E-02	5.556385E-02	1.818766E-05	-2.071171E-06	-5.805116E-06	-3.254151E-03
19751	G	5.765491E-02	5.558284E-02	-7.734830E-05	-1.504260E-06	1.199099E-06	-3.254765E-03
19752	G	3.278608E-02	5.558268E-02	-5.712261E-05	-3.121474E-06	-2.265234E-07	-3.255243E-03
19758	G	-3.290824E-02	5.558271E-02	-2.281744E-06	-3.272131E-06	-4.583883E-06	-3.255183E-03
19759	G	-5.777646E-02	5.558294E-02	1.802309E-05	-1.170753E-06	-5.813848E-06	-3.254648E-03
19761	G	5.765786E-02	5.558924E-02	-7.735952E-05	-2.730714E-06	1.192122E-06	-3.255559E-03
19762	G	3.278529E-02	5.558929E-02	-5.711358E-05	-2.632407E-06	-3.589014E-07	-3.255602E-03
19763	G	2.572040E-02	5.558929E-02	-5.128927E-05	0.0	-4.528734E-07	-3.255811E-03
19765	G	-6.735306E-05	5.558931E-02	-2.973851E-05	0.0	0.0	-3.256125E-03
19767	G	-2.585468E 02	5.558934E-02	-8.158499E-06	0.0	-4.402537E-06	-3.255704E-03
19768	G	-3.291931E-02	5.558935E-02	-2.285817E-06	-2.637719E-06	-4.443883E-06	-3.255404E-03
19769	G	-5.779081E-02	5.558930E-02	1.804242E-05	-2.765927E-06	-5.802367E-06	-3.255417E-03
21183	G	4.024192E-02	7.219501E-03	-2.312013E-06	0.0	-3.359687E-07	-3.266778E-03
21187	G	-4.041042E-02	7.219203E-03	-9.912719E-07	0.0	-2.255765E-06	-3.266734E-03
21321	G	5.500773E-02	3.487994E-06	1.357801E-05	0.0	0.0	0.0
21323	G	3.263981E-02	2.650474E-06	5.419321E-06	0.0	0.0	0.0
21325	G	-2.587350E-06	0.0	3.255618E-06	0.0	0.0	0.0
21327	G	-3.264971E-02	3.265360E-06	3.650065E-06	0.0	0.0	0.0
21329	G	-5.502568E-02	4.206409E-06	4.415426E-06	0.0	0.0	0.0
21341	G	5.724418E-02	-4.701343E-05	0.0	-6.672456E-07	-1.139560E-05	-3.255163E-03
21343	G	3.904111E-02	-4.706668E-05	-1.035763E-06	0.0	-1.082740E-05	-3.257399E-03
21345	G	-1.020908E-04	-4.672723E-05	1.685785E-06	0.0	-5.982622E-07	-3.263275E-03
21347	G	-3.920087E-02	-4.657969E-05	3.256543E-06	0.0	9.630873E-06	-3.249995E-03
21349	G	-5.736023E-02	-4.651371E-05	0.0	-4.384333E-07	1.019907E-05	-3.246928E-03
21361	G	5.766836E-02	-5.399763E-05	-2.247892E-06	0.0	0.0	0.0
21363	G	4.022564E-02	-5.315017E-05	-2.454820E-06	-1.777124E-06	1.372299E-06	0.0
21364	G	1.800957E-02	-5.317878E-05	2.244121E-06	0.0	0.0	0.0
21366	G	-1.815510E-02	-5.356299E-05	3.050030E-07	0.0	0.0	0.0
21367	G	-4.036896E-02	-5.373257E-05	4.329825E-06	-1.829796E-06	-3.348096E-06	0.0
21369	G	-5.780898E-02	-5.501835E-05	2.997574E-06	0.0	0.0	0.0
21383	G	4.024185E-02	-3.297125E-05	-3.130273E-06	-1.261720E-06	1.123773E-06	-3.266928E-03
21387	G	-4.041038E-02	-3.316133E-05	5.013503E-06	-1.250004E-06	-3.193725E-06	-3.266877E-03
21485	G	0.0	-1.866208E-03	1.625642E-06	-1.164513E-08	0.0	0.0
21601	G	4.565262E-02	-1.638204E-02	3.460665E-05	0.0	0.0	0.0
21603	G	2.817180E-02	-1.637821E-02	2.857544E-05	0.0	0.0	0.0
21607	G	-2.813520E-02	-1.637800E-02	1.160449E-05	0.0	0.0	0.0
21609	G	-4.562977E-02	-1.638173E-02	7.790010E-06	0.0	0.0	0.0
21621	G	5.454792E-02	-1.639774E-02	4.155737E-05	0.0	0.0	0.0
21623	G	3.263109E-02	-1.639942E-02	2.836563E-05	0.0	0.0	0.0
21625	G	-3.722249E-06	-1.640075E-02	2.927828E-05	0.0	0.0	0.0
21627	G	-3.264220E-02	-1.639953E-02	1.366320E-05	0.0	0.0	0.0
21629	G	-5.456382E-02	-1.639826E-02	-2.593002E-06	0.0	0.0	0.0
22312	G	4.406971E-02	-3.047536E-02	5.869564E-05	0.0	0.0	0.0
22318	G	-4.405676E-02	-3.047539E-02	4.783807E-06	0.0	0.0	0.0

22701	G	4.361530E-02	-4.459696E-02	8.096[illegible]E-05	0.0	0.0	0.0
22703	G	2.568511E-02	-4.459162E-02	5.917[illegible]E-05	0.0	0.0	0.0
22707	G	-2.565083E-02	-4.459005E-02	2.273[illegible]E-05	0.0	0.0	0.0
22709	G	-4.379273E-02	-4.459536E-02	5.808[illegible]E-06	0.0	0.0	0.0
22721	G	5.359809E-02	-4.462012E-02	9.861[illegible]E-05	0.0	0.0	0.0
22723	G	3.262723E-02	-4.461998E-02	6.889[illegible]E-05	0.0	0.0	0.0
22725	G	5.107613E-06	-4.461956E-02	4.416[illegible]E-05	0.0	0.0	0.0
22727	G	-3.263895E-02	-4.462103E-02	1.700[illegible]E-05	0.0	0.0	0.0
22729	G	-5.361196E-02	-4.462142E-02	-1.184[illegible]E-05	0.0	0.0	0.0
23100	G	-6.066169E-05	-5.892503E-02	5.7[illegible]E-05	0.0	0.0	0.0
25001	G	3.793815E-02	-1.175836E-01	1.069[illegible]E-04	0.0	0.0	0.0
25003	G	2.555305E-02	-1.175813E-01	1.013[illegible]E-04	0.0	0.0	0.0
25007	G	-1.688112E-02	-1.175814E-01	8.112918E-05	0.0	0.0	0.0
25009	G	-3.791763E-02	-1.175836E-01	7.151414E-05	0.0	0.0	0.0
25021	G	5.360465E-02	-1.175922E-01	1.120316E-04	0.0	0.0	0.0
25025	G	-5.753853E-06	-1.175921E-01	8.906757E-05	0.0	0.0	0.0
25029	G	-5.061702E-02	-1.175926E-01	6.591027E-05	0.0	0.0	0.0
25041	G	5.275997E-02	-1.175960E-01	1.132363E-04	0.0	0.0	0.0
25045	G	0.0	-1.175963E-01	8.872483E-05	0.0	0.0	0.0
25049	G	-5.284894E-02	-1.175963E-01	6.679793E-05	0.0	0.0	0.0
25061	G	5.272398E-02	-1.175979E-01	1.095205E-04	0.0	0.0	0.0
25065	G	-7.179912E-05	-1.175979E-01	8.862889E-05	0.0	0.0	0.0
25069	G	-5.286815E-02	-1.175979E-01	6.704690E-05	0.0	0.0	0.0
26801	G	2.544558E-02	-1.770756E-01	1.446750E-04	0.0	0.0	0.0
26809	G	-1.697515E-02	-1.770755E-01	1.241262E-04	0.0	0.0	0.0
26821	G	4.740344E-02	-1.770831E-01	1.542956E-04	0.0	0.0	0.0
26825	G	-5.694480E-06	-1.770831E-01	1.322922E-04	0.0	0.0	0.0
26829	G	-4.747541E-02	-1.770832E-01	1.099708E-04	0.0	0.0	0.0
26841	G	4.784346E-02	-1.770879E-01	1.543443E-04	0.0	0.0	0.0
26845	G	0.0	-1.770881E-01	1.322393E-04	0.0	0.0	0.0
26849	G	-4.792722E-02	-1.770880E-01	1.100411E-04	0.0	0.0	0.0
26861	G	4.813805E-02	-1.770926E-01	1.542222E-04	0.0	0.0	0.0
26865	G	-7.092144E-05	-1.770927E-01	1.322443E-04	0.0	0.0	0.0
26869	G	-4.828039E-02	-1.770926E-01	1.103853E-04	0.0	0.0	0.0
29905	G	5.346325E-06	-2.826249E-01	2.163797E-04	0.0	0.0	0.0
29921	G	3.825217E-02	-2.817807E-01	2.277667E-04	0.0	0.0	0.0
29925	G	-5.407934E-06	-2.817811E-01	2.157157E-04	0.0	0.0	0.0
29937	G	-3.886167E-02	-2.817807E-01	2.037[illegible]E-04	0.0	0.0	0.0
29941	G	4.654595E-02	-2.790557E-01	2.284433E-04	0.0	0.0	0.0
29945	G	0.0	-2.790557E-01	2.159541E-04	0.0	0.0	0.0
29949	G	-4.662022E-02	-2.790557E-01	1.988032E-04	0.0	0.0	0.0
29961	G	3.999360E-02	-2.763639E-01	2.241125E-04	0.0	0.0	0.0
29965	G	-6.919612E-05	-2.763636E-01	2.117268E-04	0.0	0.0	0.0
29969	G	-4.013251E-02	-2.763639E-01	1.993053E-04	0.0	0.0	0.0
30045	G	-3.759858E-05	-2.791867E-01	2.138071E-04	1.0009244E-06	-2.411757E-06	-3.259809E-03
31745	G	-4.031663E-05	-3.593371E-01	2.575087E-04	1.0009222E-06	-2.411770E-06	-3.259810E-03
33845	G	-4.344713E-05	-4.064669E-01	3.079721E-04	1.0009059E-06	-2.411773E-06	-3.259809E-03
35945	G	-4.657758E-05	-4.745967E-01	3.583785E-04	1.0008854E-06	-2.411770E-06	-3.259807E-03
38045	G	-4.970808E-05	-5.427603E-01	4.088042E-04	1.0008824E-06	-2.411765E-06	-3.259809E-03
40141	G	1.018161E-01	-6.109112E-01	4.907809E-04	1.0010523E-06	-2.411773E-06	-3.259803E-03
40142	G	6.797928E-02	-6.109112E-01	4.802933E-04	1.0010318E-06	-2.411773E-06	-3.259805E-03
40143	G	3.150211E-02	-6.109112E-01	4.689956E-04	1.0009174E-06	-2.411773E-06	-3.259808E-03
40145	G	-5.284097E-05	-6.109208E-01	4.592359E-04	1.0008641E-06	-2.411773E-06	-3.259810E-03
40147	G	-3.160778E-02	-6.109112E-01	4.496619E-04	1.0009180E-06	-2.411773E-06	-3.259808E-03
40148	G	-6.808496E-02	-6.109112E-01	4.381643E-04	1.0010032E-06	-2.411773E-06	-3.259805E-03
40149	G	-1.019217E-01	-6.109112E-01	4.276764E-04	1.0010542E-06	-2.411773E-06	-3.259803E-03
42245	G	-5.597388E-05	-6.790851E-01	5.096665E-04	1.0008110E-06	-2.411776E-06	-3.259807E-03
44345	G	-5.910677E-05	-7.472488E-01	5.600962E-04	1.0007658E-06	-2.411766E-06	-3.259807E-03
45245	G	-6.046941E-05	-7.769203E-01	5.820484E-04	1.0007448E-06	-2.411766E-06	-3.259808E-03
46445	G	-6.224446E-05	-8.155397E-01	6.106205E-04	1.0007078E-06	-2.411773E-06	-3.259809E-03
48045	G	-9.984642E-05	-8.681301E-01	6.495179E-04	1.0007968E-06	-2.411773E-06	-3.259809E-03
48845	G	-1.201535E-04	-8.964989E-01	6.705003E-04	1.0010144E-06	-2.411770E-06	-3.259811E-03
49745	G	-1.407742E-04	-9.253237E-01	6.918199E-04	1.0011149E-06	-2.411766E-06	-3.259811E-03
50645	G	-1.613707E-04	-9.541167E-01	7.131160E-04	1.0010324E-06	-2.411766E-06	-3.259809E-03
51545	G	-1.819913E-04	-9.829097E-01	7.344119E-04	1.0010143E-06	-2.411768E-06	-3.259808E-03
52045	G	-2.032390E-04	-1.000000E+00	7.470497E-04	1.0009807E-06	-2.411769E-06	-3.259807E-03

61912	G	6.241[illegible]E-02	9.[illegible]E-02	-7.837242E-05	-1.855483E-06	4.835333E-06	-3.254706E-03
61913	G	6.240914E-02	9.034377E-02	-7.837242E-05	-1.855483E-06	4.835333E-06	-3.257299E-03
61914	G	6.240331E-02	9.034157E-02	-7.837242E-05	-1.855483E-06	4.835333E-06	-3.253649E-03
61916	G	6.241691E-02	9.033591E-02	-8.204623E-05	-1.741344E-06	1.137143E-05	-3.256040E-03
61917	G	6.239[illegible]E-02	9.033412E-02	-8.204623E-05	-1.741344E-06	1.137143E-05	-3.278657E-03
61918	G	6.239[illegible]E-02	9.033209E-02	-8.204623E-05	-1.741344E-06	1.137143E-05	-3.254330E-03
61922	G	6.240678E-02	5.558410E-02	-7.925466E-05	-1.328403E-06	8.203580E-08	-3.261316E-03
61923	G	6.240669E-02	5.558293E-02	-7.925466E-05	-1.328403E-06	8.203580E-08	-3.256610E-03
61924	G	6.240662E-02	5.558186E-02	-7.925466E-05	-1.328403E-06	8.203580E-08	-3.259609E-03
61926	G	6.239745E-02	5.556510E-02	-8.008680E-05	-1.667268E-06	1.197811E-07	-3.265384E-03
61927	G	6.239737E-02	5.556397E-02	-8.008680E-05	-1.667268E-06	1.197811E-07	-3.254168E-03
61928	G	6.239725E-02	5.556227E-02	-8.008680E-05	-1.667268E-06	1.197811E-07	-3.266384E-03
61934	G	6.244441E-02	-4.261707E-05	-7.358773E-06	-6.841103E-06	-1.145835E-05	-3.258098E-03
61935	G	6.245175E-02	-4.699538E-05	-7.358773E-06	-6.841104E-06	-1.145836E-05	-3.256544E-03
61936	G	6.245977E-02	-5.178415E-05	-7.358773E-06	6.841103E-06	-1.145835E-05	-3.247739E-03
62211	G	7.217973E-02	8.813423E-02	-9.046112E-05	0.0	0.0	0.0
62213	G	7.218230E-02	8.812815E-02	-9.055306E-05	-2.806196E-06	7.061843E-06	-3.258688E-03
62217	G	7.218355E-02	8.810627E-02	-9.066255E-05	1.131103E-06	1.510359E-05	-3.273614E-03
62219	G	7.218760E-02	8.810091E-02	-9.073468E-05	0.0	0.0	0.0
62221	G	7.218111E-02	5.382781E-02	938414E-05	-4.656746E-06	-1.191622E-05	-3.262422E-03
62224	G	7.218558E-02	5.382093E-02	-.8 1681E-05	-4.385276E-07	4.718749E-06	-3.259894E-03
62226	G	7.219338E-02	5.380240E-02	-7.768122E-05	-7.432356E-07	2.212644E-06	-3.265110E-03
62229	G	7.219726E-02	5.379713E-02	-7.702223E-05	-3.182778E-06	-7.395335E-06	-3.265392E-03
62231	G	7.220066E-02	-3.877201E-05	-3.635710E-05	-5.410354E-06	-2.229594E-05	-3.260832E-03
62239	G	7.220590E-02	-5.112820E-05	-3.607931E-05	-1.037546E-05	-6.944420E-06	-3.250658E-03
62811	G	9.113765E-02	8.[illegible]827[illegible]8E-02	-1.095724E-04	0.0	0.0	0.0
62819	G	9.115541E-02	8.379406E-02	-1.093993E-04	0.0	0.0	0.0
62821	G	9.114122E-02	5.043424E-02	-9.297948E-05	0.0	0.0	0.0
62829	G	9.115839E-02	5.040642E-02	-9.298617E-05	0.0	0.0	0.0
62831	G	9.115434E-02	-3.718075E-05	-6.420701E-05	0.0	0.0	0.0
62839	G	9.115869E-02	-4.720456E-05	-6.422124E-05	0.0	0.0	0.0
63411	G	1.107180E-01	7.935572E-02	-1.279246E-04	0.0	0.0	0.0
63419	G	1.107332E-01	7.932615E-02	-1.279858E-04	0.0	0.0	0.0
63421	G	1.107216E-01	4.691007E-02	-1.106512E-04	0.0	0.0	0.0
63429	G	1.107365E-01	4.688237E-02	-1.107292E-04	0.0	0.0	0.0
63431	G	1.107329E-01	-3.622561E-05	-8.589009E-05	0.0	0.0	0.0
63439	G	1.107367E-01	-4.410018E-05	-8.591621E-05	0.0	0.0	0.0
64211	G	1.384560E-01	7.305706E-02	-1.532814E-04	0.0	0.0	0.0
64219	G	1.384692E-01	7.303178E-02	-1.532753E-04	0.0	0.0	0.0
64221	G	1.384597E-01	4.195014E-02	-1.363261E-04	0.0	0.0	0.0
64229	G	1.384728E-01	4.192552E-02	-1.363418E-04	-3.305426E-06	-1.776836E-06	-3.263981E-03
64231	G	1.38[illegible]E-01	-3.406648E-05	-1.141706E-04	0.0	0.0	0.0
64239	G	1.384731E-01	-4.082262E-05	-1.141792E-04	0.0	0.0	0.0
65011	G	1.653782E-01	6.695443E-02	-1.775337E-04	0.0	0.0	0.0
65019	G	1.653896E-01	6.693286E-02	-1.775222E-04	0.0	0.0	0.0
65021	G	1.653820E-01	3.712057E-02	-1.612294E-04	0.0	0.0	0.0
65029	G	1.653933E-01	3.709909E-02	-1.612331E-04	0.0	0.0	0.0
65031	G	1.653904E-01	-3.155509E-05	-1.412708E-04	0.0	0.0	0.0
65039	G	1.653938E-01	-3.795506E-05	-1.412735E-04	0.0	0.0	0.0
65911	G	1.923004E-01	6.081944E-02	-2.017072E-04	0.0	0.0	0.0
65919	G	1.923100E-01	6.080139E-02	-2.017098E-04	0.0	0.0	0.0
65921	G	1.923041E-01	3.224094E-02	-1.860795E-04	0.0	0.0	0.0
65929	G	1.923138E-01	3.227267E-02	-1.860808E-04	-3.323598E-06	-1.788270E-06	-3.264256E-03
65931	G	1.923112E-01	-2.893053E-05	-1.684990E-04	0.0	0.0	0.0
65939	G	1.923145E-01	-3.504594E-05	-1.684988E-04	0.0	0.0	0.0
71912	G	-6.255680E-02	9.034580E-02	-3.232469E-05	-1.948843E-06	-1.135895E-05	-3.258798E-03
71913	G	-6.254214E-02	9.034330E-02	-3.232469E-05	-1.948843E-06	-1.135895E-05	-3.255832E-03
71914	G	-6.252861E-02	9.034097E-02	-3.232469E-05	-1.948843E-06	-1.135895E-05	-3.257744E-03
71916	G	-6.245907E-02	9.033680E-02	-2.946479E-05	-1.570407E-06	-1.959201E-05	-3.261692E-03
71917	G	-6.243946E-02	9.033519E-02	-2.946479E-05	-1.570407E-06	-1.959201E-05	-3.282558E-03
71918	G	-6.241616E-02	9.033334E-02	-2.946479E-05	-1.570407E-06	-1.959201E-05	-3.259427E-03
71922	G	-6.253201E-02	5.558390E-02	1.935278E-05	-9.361115E-07	-4.531165E-06	-3.260988E-03
71923	G	-6.252801E-02	5.558307E-02	1.935278E-05	-9.361115E-07	-4.531166E-06	-3.254473E-03
71924	G	-6.252438E-02	5.558231E-02	1.935278E-05	-9.361115E-07	-4.531165E-06	-3.259103E-03
71926	G	-6.249085E-02	5.556458E-02	2.044532E-05	-1.397938E-06	-4.583789E-06	-3.265585E-03
71927	G	-6.248774E-02	5.556263E-02	2.044532E-05	-1.397938E-06	-4.583789E-06	-3.254304E-03

71926		-6.248306E-02	5.556221E-02	2.044332E-05	-1.597938E-06	-4.583789E-06	-3.266777E-03
71934	G	-6.254780E-02	-4.148703E-05	8.207270E-06	-7.778697E-06	1.026295E-05	-3.256436E-03
71935	G	-6.255442E-02	-4.646539E-05	8.207270E-06	-7.778697E-06	1.026295E-05	-3.246121E-03
71936	G	-6.256157E-02	-5.191048E-05	8.207270E-06	-7.778697E-06	1.026295E-05	-3.242901E-03
72211	G	-7.231605E-02	8.813483E-02	-1.527427E-05	0.0	0.0	0.0
72213	G	-7.231122E-02	8.812845E-02	-1.518262E-05	-2.865211E-06	-1.395359E-05	-3.257481E-03
72217	G	-7.226094E-02	8.810514E-02	-1.534975E-05	1.624008E-06	-2.441263E-05	-3.276231E-03
72219	G	-7.227957E-02	8.809936E-02	-1.522952E-05	0.0	0.0	0.0
72221	G	-7.230812E-02	5.382830E-02	1.835699E-05	-4.982506E-06	9.122995E-06	-3.262251E-03
72225	G	-7.230181E-02	5.382149E-02	1.831393E-05	2.647190E-08	-9.673922E-06	-3.259420E-03
72226	G	-7.228734E-02	5.380188E-02	1.695038E-05	-2.873578E-07	-6.859832E-06	-3.265284E-03
72229	G	-7.228315E-02	5.379663E-02	1.662306E-05	-3.201109E-06	4.054225E-06	-3.265635E-03
72231	G	-7.229805E-02	-3.724234E-05	4.184665E-05	-6.103627E-06	2.437385E-05	-3.259996E-03
72239	G	-7.229412E-02	-5.139682E-05	4.149266E-05	-1.207420E-05	4.372079E-06	-3.246713E-03
72811	G	-9.127331E-02	8.382779E-02	1.086337E-05	0.0	0.0	0.0
72819	G	-9.126233E-02	8.379233E-02	1.066882E-05	0.0	0.0	0.0
72821	G	-9.126606E-02	5.043488E-02	3.767368E-05	0.0	0.0	0.0
72829	G	-9.124714E-02	5.040380E-02	3.749215E-05	0.0	0.0	0.0
72831	G	-9.125191E-02	-3.556677E-05	7.294219E-05	0.0	0.0	0.0
72839	G	-9.124714E-02	-4.661606E-05	7.295772E-05	0.0	0.0	0.0
73411	G	-1.108532E-01	7.935637E-02	3.632254E-05	0.0	0.0	0.0
73419	G	-1.108325E-01	7.932490E-02	3.638648E-05	0.0	0.0	0.0
73421	G	-1.108480E-01	4.691089E-02	6.057534E-05	0.0	0.0	0.0
73429	G	-1.108276E-01	4.688193E-02	6.066695E-05	0.0	0.0	0.0
73431	G	-1.108323E-01	-3.476963E-05	9.599023E-05	0.0	0.0	0.0
73439	G	-1.108272E-01	-4.318044E-05	9.602269E-05	0.0	0.0	0.0
74211	G	-1.385903E-01	7.305777E-02	7.138751E-05	0.0	0.0	0.0
74219	G	-1.385723E-01	7.303101E-02	7.136253E-05	0.0	0.0	0.0
74221	G	-1.385853E-01	4.195119E-02	9.405702E-05	0.0	0.0	0.0
74229	G	-1.385673E-01	4.192536E-02	9.407723E-05	-3.467575E-06	-2.383453E-06	-3.263920E-03
74231	G	-1.385716E-01	-3.261364E-05	1.256535E-04	0.0	0.0	0.0
74239	G	-1.385666E-01	-3.970056E-05	1.256530E-04	0.0	0.0	0.0
75011	G	-1.655116E-01	6.695527E-02	1.049183E-04	0.0	0.0	0.0
75019	G	-1.654962E-01	6.693256E-02	1.049357E-04	0.0	0.0	0.0
75021	G	-1.655066E-01	3.712181E-02	1.265685E-04	0.0	0.0	0.0
75029	G	-1.654911E-01	3.709923E-02	1.265672E-04	0.0	0.0	0.0
75031	G	-1.654950E-01	-3.301498E-05	1.539483E-04	0.0	0.0	0.0
75039	G	-1.654903E-01	-3.672953E-05	1.539504E-04	0.0	0.0	0.0
75911	G	-1.924331E-01	6.082043E-02	1.383261E-04	0.0	0.0	0.0
75919	G	-1.924202E-01	6.080142E-02	1.383208E-04	0.0	0.0	0.0
75921	G	-1.924280E-01	3.229233E-02	1.589873E-04	0.0	0.0	0.0
75929	G	-1.924149E-01	3.227313E-02	1.589971E-04	-3.491657E-06	-2.365784E-06	-3.264208E-03
75931	G	-1.924183E-01	-2.726425E-05	1.825226E-04	0.0	0.0	0.0
75939	G	-1.924139E-01	-3.369080E-05	1.825567E-04	0.0	0.0	0.0
122400	G	-2.038663E-04	-3.186464E-02	-3.797469E-04	-3.909757E-06	-1.623324E-05	-3.285838E-03
123467	G	-4.221437E-02	-6.682217E-02	4.372965E-05	0.0	0.0	0.0
123487	G	-3.131747E-02	-6.463772E-02	-1.838142E-04	0.0	0.0	0.0
124800	G	-2.038663E-04	-1.103961E-01	8.227546E-06	-3.909757E-06	-1.623324E-05	-3.285838E-03
125063	G	4.232125E-02	-1.175979E-01	1.054041E-04	0.0	0.0	0.0
125065	G	-6.388552E-03	-1.175979E-01	8.604860E-05	0.0	0.0	0.0
125067	G	4.246531E-02	-1.175979E-01	6.704890E-05	0.0	0.0	0.0
125383	G	3.843258E-02	-1.279182E-01	4.882042E-05	0.0	0.0	0.0
125387	G	-3.865974E-02	-1.279182E-01	1.405211E-04	0.0	0.0	0.0
126863	G	3.248869E-02	-1.770926E-01	1.470879E-04	0.0	0.0	0.0
126867	G	-3.263107E-02	-1.770926E-01	1.174910E-04	0.0	0.0	0.0
127200	G	-2.038663E-04	-1.918849E-01	9.108117E-04	-3.909757E-06	-1.623324E-05	-3.285838E-03
189073	G	4.027108E-02	7.827896E-02	-3.369705E-05	-8.940162E-07	-1.842996E-06	-3.261032E-03
189077	G	-4.043947E-02	7.827896E-02	-3.157215E-05	-8.940162E-07	-1.842996E-06	-3.261032E-03
200073	G	-7.024624E-05	4.546622E-02	-2.409305E-05	-8.940162E-07	-1.842996E-06	-3.261032E-03
200078	G	-8.419775E-05	4.547299E-02	-2.409305E-05	-8.940162E-07	-1.842996E-06	-3.261032E-03
200079	G	-8.692537E-05	4.547431E-02	-2.409305E-05	-8.940169E-07	-1.842996E-06	-3.261032E-03
200086	G	-1.001950E-04	4.548075E-02	-2.409305E-05	-8.940013E-	842996E-06	-3.261032E-03
200087	G	-1.001949E-04	4.548075E-02	-2.409305E-05	-8.940253E-	42997E-06	-3.261032E-03
200095	G	-1.163212E-04	4.548857E-02	-2.409305E-05	-8.940759	42997E-06	-3.261032E-03
200096	G	-1.163212E-04	4.548857E-02	-2.409305E-05	-8.940459	000E-06	-3.261032E-03
200101	G	-1.267802E-04	4.549364E-02	-2.409305E-	-8.94 744	000E-06	-3.261032E-03

200106	G	-1.365942E-04	4.549840E-02	-2.409305E-05	-8.940210E-07	-1.843001E-06	-3.261032E-03
200114	G	-1.513482E-04	4.550555E-02	-2.409305E-05	-8.937847E-07	-1.842997E-06	-3.261032E-03
200121	G	-1.642392E-04	4.551181E-02	-2.409305E-05	-8.937309E-07	-1.842997E-06	-3.261032E-03
200129	G	-1.789832E-04	4.551876E-02	-2.409305E-05	-8.938154E-07	-1.842999E-06	-3.261032E-03
200137	G	-1.937277E-04	4.552611E-02	-2.409304E-05	-8.940286E-07	-1.842999E-06	-3.261032E-03
200145	G	-2.084711E-04	4.553327E-02	-2.409304E-05	-8.942358E-07	-1.842999E-06	-3.261032E-03
200153	G	-2.227729E-04	4.554021E-02	-2.409304E-05	-8.943220E-07	-1.842999E-06	-3.261032E-03
200155	G	-2.268459E-04	4.554218E-02	-2.409304E-05	-8.943020E-07	-1.842999E-06	-3.261032E-03
211001	G	-1.304163E-01	3.396693E-01	-1.110236E-03	1.179732E-05	-7.354181E-06	-3.271346E-03
211002	G	1.305580E-01	3.396627E-01	6.621466E-04	1.179707E-05	3.123252E-06	-3.271176E-03
211073	G	4.027108E-02	7.253684E-03	-1.355660E-05	-8.940162E-07	-1.842996E-06	-3.261032E-03
211077	G	-4.043947E-02	7.253684E-03	8.570301E-06	-8.940162E-07	-1.842996E-06	-3.261032E-03
216075	G	-8.419775E-05	-1.811983E-03	2.630380E-06	-8.940162E-07	-1.842996E-06	-3.261032E-03
214901	G	-1.304163E-01	2.106802E-01	-8.202635E-04	1.179738E-05	-7.354181E-06	-3.271346E-03
214902	G	1.305580E-01	2.106803E-01	5.389969E-04	1.179707E-05	3.123252E-06	-3.271176E-03
215101	G	-9.456170E-02	2.031749E-01	-6.615089E-04	1.557697E-05	-3.376706E-06	-3.264844E-03
215102	G	9.463012E-02	2.031755E-01	5.892640E-04	1.557219E-05	-5.566139E-07	-3.264622E-03
215201	G	-4.399263E-02	2.011431E-01	-3.964372E-04	1.856123E-05	-2.338811E-06	-3.261619E-03
215202	G	4.446696E-02	2.011439E-01	1.265821E-04	1.855771E-05	-1.558977E-06	-3.261497E-03
222001	G	-1.304168E-01	-2.079608E-02	-1.486507E-04	7.530787E-06	-9.854753E-06	-3.270233E-03
222002	G	1.305584E-01	-2.079548E-02	1.968507E-04	7.532319E-06	4.767021E-06	-3.270385E-03
222201	G	-9.463090E-02	-2.043213E-02	-5.810462E-05	4.915766E-06	-6.453068E-06	-3.265415E-03
222202	G	9.467286E-02	-2.043199E-02	1.183104E-04	4.914009E-06	1.524564E-06	-3.265594E-03
222301	G	-4.605676E-02	-3.047539E-02	4.783807E-06	2.623240E-06	-4.467413E-06	-3.264085E-03
222302	G	4.406971E-02	-3.047536E-02	5.869564E-05	2.625119E-06	-8.929551E-07	-3.264182E-03
223401	G	-1.304168E-01	-6.837797E-02	-5.263979E-06	7.530787E-06	-9.854753E-06	-3.270233E-03
223402	G	1.305584E-01	-6.837958E-02	1.274905E-04	7.532319E-06	4.767021E-06	-3.270385E-03
520018	G	5.664412E-03	-9.999999E-01	7.488672E-04	1.009881E-06	-2.411769E-06	-3.259807E-03
520024	G	7.685490E-03	-9.999999E-01	7.494933E-04	1.009728E-06	-2.411769E-06	-3.259807E-03
520057	G	1.834504E-02	-9.999999E-01	7.527950E-04	1.009665E-06	-2.411769E-06	-3.259808E-03
520065	G	2.082251E-02	-9.999999E-01	7.535622E-04	1.009616E-06	-2.411769E-06	-3.259809E-03
520068	G	2.202864E-02	-9.999999E-01	7.539359E-04	1.009590E-06	-2.411769E-06	-3.259809E-03
520079	G	2.554924E-02	-9.999999E-01	7.550262E-04	1.009566E-06	-2.411769E-06	-3.259809E-03
520135	G	4.370637E-02	-9.999999E-01	7.606498E-04	1.009703E-06	-2.411769E-06	-3.259809E-03
520139	G	4.504284E-02	-9.999999E-01	7.610640E-04	1.009703E-06	-2.411769E-06	-3.259809E-03
520152	G	4.931324E-02	-1.000000E 00	7.623867E-04	1.009702E-06	-2.411769E-06	-3.259810E-03
520185	G	6.006407E-02	-1.000000E 00	7.657167E-04	1.009702E-06	-2.411769E-06	-3.259810E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 0.0

REAL EIGENVECTOR NO. 4

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-7.627238E-03	2.277043E-01	5.207835E-04	0.0	0.0	0.0
3339	G	7.811313E-03	2.277043E-01	6.131397E-05	0.0	0.0	0.0
3341	G	-1.083869E-02	2.272993E-01	6.350474E-04	0.0	0.0	0.0
3349	G	1.104096E-2	2.272994E-01	-5.286861E-05	0.0	0.0	0.0
4631	G	-1.796046E-02	2.481815E-01	8.508114E-04	0.0	0.0	0.0
4633	G	-1.419501E-02	2.483643E-01	7.305529E-04	0.0	0.0	0.0
4637	G	1.437047E-02	2.483644E-01	-1.815060E-04	0.0	0.0	0.0
4639	G	1.814461E-02	2.481819E-01	-3.017823E-04	0.0	0.0	0.0
4641	G	-1.934619E-02	2.478047E-01	8.957402E-04	0.0	0.0	0.0
4649	G	1.954908E-02	2.478063E-01	-3.465677E-04	0.0	0.0	0.0
4661	G	-1.516951E-02	2.473976E-01	7.635446E-04	0.0	0.0	0.0
4669	G	1.539396E-02	2.473981E-01	-2.140694E-04	0.0	0.0	0.0
6123	G	-1.567062E-02	2.726328E-01	7.387383E-04	0.0	0.0	0.0
6127	G	1.583589E-02	2.726334E-01	-2.212531E-04	0.0	0.0	0.0
6131	G	-2.167116E-02	2.723836E-01	9.317440E-04	0.0	0.0	0.0
6133	G	-1.565377E-02	2.723842E-01	7.375667E-04	0.0	0.0	0.0
6137	G	1.582929E-02	2.723837E-01	-2.197191E-04	0.0	0.0	0.0
6139	G	2.184665E-02	2.723829E-01	-4.178840E-04	0.0	0.0	0.0
6141	G	-2.280797E-02	2.719519E-01	9.689827E-04	0.0	0.0	0.0
6143	G	-1.565423E-02	2.719516E-01	7.361502E-04	0.0	0.0	0.0
6147	G	1.585956E-02	2.719400E-01	-2.170465E-04	0.0	0.0	0.0
6149	G	2.300083E-02	2.719401E-01	-4.575453E-04	0.0	0.0	0.0
6161	G	-2.362734E-02	2.716438E-01	9.919859E-04	0.0	0.0	0.0
6163	G	-1.566292E-02	2.716435E-01	7.337027E-04	0.0	0.0	0.0
6167	G	1.588283E-02	2.716238E-01	-2.177895E-04	0.0	0.0	0.0
6169	G	2.383214E-02	2.716240E-01	-4.818586E-04	0.0	0.0	0.0
6171	G	-1.563213E-02	2.596847E-01	7.610740E-04	0.0	0.0	0.0
6179	G	1.586938E-02	2.596840E-01	-2.349611E-04	0.0	0.0	0.0
7031	G	-2.358697E-02	2.874073E-01	0.0	0.0	0.0	0.0
7033	G	-1.565231E-02	2.874073E-01	7.415873E-04	0.0	0.0	0.0
7037	G	1.582723E-02	2.874073E-01	-2.531295E-04	0.0	0.0	0.0
7039	G	2.376270E-02	2.874076E-01	0.0	0.0	0.0	0.0
7043	G	-1.565248E-02	0.0	7.395144E-04	0.0	0.0	0.0
7047	G	1.586030E-02	0.0	-2.504271E-04	0.0	0.0	0.0
7061	G	-2.477723E-02	2.866074E-01	7.149773E-04	0.0	0.0	0.0
7063	G	-1.565701E-02	2.866074E-01	7.387504E-04	0.0	0.0	0.0
7067	G	1.588145E-02	2.865624E-01	-2.494073E-04	0.0	0.0	0.0
7069	G	2.499691E-02	2.865623E-01	-5.092144E-04	0.0	0.0	0.0
7071	G	-4.571665E-03	0.0	-1.440396E-02	0.0	0.0	0.0
7079	G	4.862837E-03	0.0	1.455539E-02	0.0	0.0	0.0
7505	G	6.644343E-03	2.955608E-01	2.376297E-04	4.473584E-05	1.401369E-06	1.573977E-03
8300	G	1.272846E-04	3.054208E-01	2.265122E-04	0.0	0.0	0.0
8531	G	-2.650003E-02	3.101833E-01	0.0	0.0	0.0	0.0
8533	G	-1.565231E-02	3.101828E-01	7.213138E-04	0.0	0.0	0.0
8537	G	1.582723E-02	3.101828E-01	-2.734933E-04	0.0	0.0	0.0
8539	G	2.668004E-02	3.101841E-01	0.0	0.0	0.0	0.0
8543	G	-1.564717E-02	0.0	7.229662E-04	0.0	0.0	0.0
8547	G	1.585789E-02	0.0	-2.754331E-04	0.0	0.0	0.0
8561	G	-2.649467E-02	3.092811E-01	7.397356E-04	0.0	0.0	0.0
8563	G	-1.564564E-02	3.092817E-01	7.235601E-04	0.0	0.0	0.0
8567	G	1.587980E-02	3.092403E-01	-2.761336E-04	0.0	0.0	0.0
8569	G	2.675484E-02	3.092403E-01	-5.010203E-04	0.0	0.0	0.0
8571	G	-4.647292E-03	0.0	-1.548913E-02	0.0	0.0	0.0
8574	G	4.904393E-03	0.0	1.568148E-02	0.0	0.0	0.0
9303	G	-1.562352E-02	3.237768E-01	7.324778E-04	0.0	0.0	0.0
9307	G	1.576599E-02	3.237764E-01	-4.090221E-04	0.0	0.0	0.0

9313	G	-1.561190E-02	3.234924E-01	7.314949E-04	0.0	0.0	0.0
9317	G	1.578856E-02	3.234903E-01	-3.081509E-04	0.0	0.0	0.0
9331	G	-2.804402E-02	3.223535E-01	1.212453E-03	0.0	0.0	0.0
9333	G	-1.565096E-02	3.223558E-01	7.148338E-04	0.0	0.0	0.0
9337	G	1.582348E-02	3.223678E-01	-2.968742E-04	0.0	0.0	0.0
9339	G	2.822839E-02	3.223673E-01	-7.195224E-04	0.0	0.0	0.0
9341	G	0.0	3.255349E-01	-6.121963E-03	0.0	0.0	0.0
9343	G	-1.563775E-02	3.255280E-01	7.085823E-04	0.0	0.0	0.0
9347	G	1.585208E-02	3.255113E-01	-3.020614E-04	0.0	0.0	0.0
9349	G	0.0	3.255116E-01	6.660648E-03	0.0	0.0	0.0
9361	G	-2.794298E-02	3.278766E-01	1.200399E-03	0.0	0.0	0.0
9363	G	-1.563771E-02	3.278784E-01	7.125926E-04	0.0	0.0	0.0
9367	G	1.588361E-02	3.278825E-01	-3.106170E-04	0.0	0.0	0.0
9369	G	2.822373E-02	3.278826E-01	-7.274374E-04	0.0	0.0	0.0
9371	G	-2.789998E-02	3.299843E-01	1.257258E-03	0.0	0.0	0.0
9373	G	0.0	3.299915E-01	-3.350129E-03	0.0	0.0	0.0
9377	G	0.0	3.300139E-01	3.807149E-03	0.0	0.0	0.0
9379	G	2.803539E-02	3.300152E-01	-7.440157E-04	0.0	0.0	0.0
11300	G	-1.555616E-02	3.553425E-01	5.989147E-04	0.0	0.0	0.0
11503	G	-1.558254E-02	3.589484E-01	0.0	0.0	0.0	0.0
11507	G	1.575919E-02	3.589484E-01	0.0	0.0	0.0	0.0
11531	G	-2.801128E-02	3.578258E-01	0.0	0.0	0.0	0.0
11533	G	-1.562061E-02	3.578287E-01	5.483443E-04	0.0	0.0	0.0
11537	G	1.580072E-02	3.578296E-01	-3.095405E-04	0.0	0.0	0.0
11539	G	2.820122E-02	3.578269E-01	0.0	0.0	0.0	0.0
11543	G	-1.563465E-02	3.572115E-01	5.510308E-04	0.0	0.0	0.0
11547	G	1.584370E-02	3.572115E-01	-3.132597E-04	0.0	0.0	0.0
11561	G	-2.810656E-02	3.567137E-01	1.494352E-03	0.0	0.0	0.0
11563	G	-1.565728E-02	3.567138E-01	5.532610E-04	0.0	0.0	0.0
11567	G	1.590573E-02	3.567863E-01	-3.162164E-04	0.0	0.0	0.0
11569	G	2.833172E-02	3.567863E-01	-4.190586E-04	0.0	0.0	0.0
11571	G	-2.721133E-02	0.0	-4.565623E-03	0.0	0.0	0.0
11579	G	2.746469E-02	0.0	5.581234E-03	0.0	0.0	0.0
11700	G	1.140522E-02	3.588492E-01	-1.816653E-04	0.0	0.0	0.0
13500	G	1.437502E-04	3.865473E-01	9.623426E-05	0.0	0.0	0.0
13801	G	-2.454976E-02	3.951123E-01	9.707292E-04	0.0	0.0	0.0
13803	G	-1.553094E-02	3.951595E-01	6.331827E-04	0.0	0.0	0.0
13807	G	1.570760E-02	3.951601E-01	-5.084181E-04	0.0	0.0	0.0
13809	G	2.473528E-02	3.951146E-01	-8.536330E-04	0.0	0.0	0.0
13821	G	-2.737013E-02	3.946845E-01	1.085016E-03	0.0	0.0	0.0
13823	G	-1.542642E-02	3.946860E-01	6.239018E-04	0.0	0.0	0.0
13827	G	1.562265E-02	3.946887E-01	-4.941353E-04	0.0	0.0	0.0
13829	G	2.755429E-02	3.946864E-01	-9.744526E-04	0.0	0.0	0.0
13831	G	-2.800109E-02	3.940819E-01	1.135275E-03	0.0	0.0	0.0
13833	G	-1.548652E-02	3.940842E-01	5.860650E-04	0.0	0.0	0.0
13837	G	1.569676E-02	3.940892E-01	-4.591942E-04	0.0	0.0	0.0
13839	G	2.822702E-02	3.940862E-01	-1.052132E-03	0.0	0.0	0.0
13841	G	0.0	3.936268E-01	1.263263E-03	0.0	0.0	0.0
13843	G	-1.569505E-02	3.936090E-01	5.732614E-04	0.0	0.0	0.0
13847	G	1.590667E-02	3.935972E-01	-4.416488E-04	0.0	0.0	0.0
13848	G	1.591301E-02	3.881146E-01	-4.057596E-04	0.0	0.0	0.0
13849	G	0.0	3.880944E-01	-1.114110E-02	0.0	0.0	0.0
13861	G	-2.840050E-02	3.930060E-01	1.327928E-03	0.0	0.0	0.0
13863	G	-1.573980E-02	3.930078E-01	5.796507E-04	0.0	0.0	0.0
13867	G	1.593467E-02	3.828750E-01	-4.145352E-04	0.0	0.0	0.0
13869	G	2.849329E-02	3.828683E-01	-1.075067E-03	0.0	0.0	0.0
13871	G	-2.571858E-02	0.0	-1.056607E-02	0.0	0.0	0.0
13879	G	2.827046E-02	0.0	1.458153E-03	0.0	0.0	0.0
14801	G	-2.454976E-02	4.103517E-01	8.768954E-04	0.0	0.0	0.0
14803	G	-1.551598E-02	4.103997E-01	6.253219E-04	0.0	0.0	0.0
14807	G	1.568787E-02	4.104013E-01	-5.020951E-04	0.0	0.0	0.0
14809	G	2.473528E-02	4.103531E-01	-7.500164E-04	0.0	0.0	0.0
14821	G	-2.735345E-02	4.099837E-01	9.571230E-04	0.0	0.0	0.0
14823	G	-1.541016E-02	4.099907E-01	6.253219E-04	0.0	0.0	0.0
14827	G	1.560711E-02	4.099918E-01	-5.020951E-04	0.0	0.0	0.0
14829	G	2.754113E-02	4.099861E-01	-8.265148E-04	0.0	0.0	0.0

14831	G	-2.799353E-02	4.095571E-01	9.532373E-04	0.0	0.0	0.0
14833	G	-1.535757E-02	4.095736E-01	6.335380E-04	0.0	0.0	0.0
14837	G	1.557488E-02	4.095735E-01	-5.026534E-04	0.0	0.0	0.0
14839	G	2.821565E-02	4.095690E-01	-8.073901E-04	0.0	0.0	0.0
14841	G	0.0	4.090478E-01	9.031540E-04	0.0	0.0	0.0
14843	G	-1.579091E-02	4.090275E-01	5.698043E-04	0.0	0.0	0.0
14847	G	1.598723E-02	4.090279E-01	-4.310473E-04	0.0	0.0	0.0
14849	G	0.0	4.090493E-01	-7.366987E-04	0.0	0.0	0.0
14861	G	-2.845907E-02	4.086212E-01	8.109668E-04	0.0	0.0	0.0
14863	G	-1.578332E 02	4.086140E-01	5.557167E-04	0.0	0.0	0.0
14867	G	1.597640E-02	4.086168E-01	-4.199755E-04	0.0	0.0	0.0
14869	G	2.860453E-02	4.086267E-01	-6.143060E-04	0.0	0.0	0.0
14881	G	-2.787663E-02	4.140871E-01	7.479743E-04	0.0	0.0	0.0
14883	G	-1.576443E-02	4.140803E-01	5.159606E-04	0.0	0.0	0.0
14887	G	1.605370E-02	4.140862E-01	-3.888251E-04	0.0	0.0	0.0
14889	G	2.820424E-02	4.140957E-01	-5.850173E-04	0.0	0.0	0.0
15212	G	-2.085046E-02	4.163122E-01	7.383178E-04	4.559868E-05	1.179749E-05	1.533396E-03
15218	G	2.102997E-02	4.163117E-01	-6.263366E-04	4.565855E-05	-9.303391E-06	1.534906E-03
15601	G	-2.552939E-02	4.224476E-01	7.684287E-04	0.0	0.0	0.0
15603	G	-1.551598E-02	4.225447E-01	5.320036E-04	0.0	0.0	0.0
15607	G	1.568787E-02	4.225425E-01	-4.308783E-04	0.0	0.0	0.0
15609	G	2.570835E-02	4.224451E-01	-6.625361E-04	0.0	0.0	0.0
15621	G	-2.733580E-02	4.221535E-01	8.149240E-04	0.0	0.0	0.0
15623	G	-1.797427E-02	4.221357E-01	6.081539E-04	0.0	0.0	0.0
15625	G	9.726797E-05	4.221306E-01	5.028263E-05	0.0	0.0	0.0
15627	G	1.817040E-02	4.221329E-01	-5.071780E-04	0.0	0.0	0.0
15629	G	2.75249 E-02	4.221506E-01	-7.096031E-04	0.0	0.0	0.0
15633	G	6.413046E-02	0.0	7.823631E-04	0.0	0.0	0.0
15637	G	-6.392765E-02	0.0	-6.469078E-04	0.0	0.0	0.0
16481	G	-2.783904E-02	4.327689E-01	6.870378E-04	0.0	0.0	0.0
16483	G	-1.949046E-02	4.327688E-01	0.0	0.0	0.0	0.0
16485	G	1.453235E-04	4.327747E-01	0.0	0.0	0.0	0.0
16487	G	1.977968E-02	4.327716E-01	0.0	0.0	0.0	0.0
16489	G	2.813999E-02	4.327725E-01	-6.496843E-04	0.0	0.0	0.0
17100	G	1.082961E-04	4.413159E-01	5.011815E-05	0.0	0.0	0.0
18601	G	-2.440858E-02	4.687756E-01	2.976944E-05	0.0	0.0	0.0
18603	G	-1.454922E-02	4.687829E-01	2.823588E-05	0.0	0.0	0.0
18607	G	1.469975E-02	4.687819E-01	3.182468E-05	0.0	0.0	0.0
18609	G	2.457122E-02	4.687775E-01	4.252019E-05	0.0	0.0	0.0
18621	G	-2.722476E-02	4.686073E-01	5.707116E-05	0.0	0.0	0.0
18623	G	-1.564463E-02	4.686137E-01	2.434007E-05	0.0	0.0	0.0
18625	G	8.690760E-05	4.686225E-01	2.801284E-05	0.0	0.0	0.0
18627	G	1.582363E-02	4.686153E-01	3.560296E-05	0.0	0.0	0.0
18629	G	2.741656E-02	4.686089E-01	1.650366E-05	0.0	0.0	0.0
18631	G	-2.796867E-02	4.683870E-01	1.473707E-05	0.0	0.0	0.0
18633	G	0.0	4.683850E-01	1.890303E-05	0.0	0.0	0.0
18635	G	0.0	4.683885E-01	2.546475E-05	0.0	0.0	0.0
18637	G	0.0	4.683864E-01	3.333980E-05	0.0	0.0	0.0
18639	G	2.812209E-02	4.683852E-01	4.277313E-05	0.0	0.0	0.0
18641	G	-2.868791E-02	4.681537E-01	-2.496953E-06	-2.562600E-06	3.678660E-05	1.603376E-03
18642	G	-2.547641E-02	4.681564E-01	3.738489E-06	-2.303150E-06	3.648973E-05	1.607653E-03
18643	G	-1.988631E-02	4.681597E-01	1.031861E-05	0.0	3.619368E-05	1.609690E-03
18644	G	-9.236805E-03	4.681672E-01	1.828621E-05	0.0	0.0	1.622881E-03
18645	G	1.701806E-04	4.681697E-01	2.270957E-05	0.0	0.0	1.625038E-03
18646	G	9.564087E-03	4.681683E-01	2.605458E-05	0.0	0.0	1.618362E-03
18647	G	2.016692E-02	4.681617E-01	2.994198E-05	0.0	-4.349252E-05	1.600033E-03
18648	G	2.572252E-02	4.681586E-01	3.456519E-05	-1.579672E-06	-4.385191E-05	1.597462E-03
18649	G	2.891269E-02	4.681559E-01	3.891297E-05	-2.034314E-06	-4.421228E-05	1.592754E-03
18651	G	-2.860825E-02	4.681620E-01	-7.582119E-07	-3.257937E-06	3.562162E-05	1.600203E-03
18652	G	-2.540277E-02	4.681623E-01	5.386722E-06	-2.544342E-06	3.210253E-05	1.604780E-03
18653	G	2.563631E-02	4.681634E-01	3.313915E-05	-2.201806E-06	-3.635304E-05	1.593208E-03
18654	G	2.881772E-02	4.681634E-01	3.831371E-05	-2.392417E-06	-4.175017E-05	1.587615E-03
18656	G	-2.844903E-02	4.681712E-01	6.400945E-06	-1.976350E-07	3.200618E-05	1.603813E-03
18657	G	-2.524616E-02	4.681715E-01	4.925186E-06	-3.945983E-07	3.067327E-05	1.599504E-03
18658	G	2.545881E-02	4.681697E-01	3.142764E-05	2.482590E-08	-3.490293E-05	1.587333E-03
18659	G	2.863740E-02	4.681692E-01	3.113179E-05	-5.137053E-09	-3.573610E-05	1.591799E-03

18661	G	-2.839608E-02	4.681746E-01	1.084402E-05	-2.788264E-06	1.985361E-05	1.602370E-03
18662	G	-2.519097E-02	4.681741E-01	1.019571E-05	8.363256E-07	1.608969E-05	1.602660E-03
18663	G	-1.962205E-02	4.681736E-01	9.641621E-06	2.675428E-06	1.233614E-05	1.602376E-03
18664	G	-9.083319E-03	4.681724E-01	1.805747E-05	0.0	0.0	1.598565E-03
18665	G	1.620324E-04	4.681718E-01	2.230507E-05	0.0	0.0	1.595098E-03
18666	G	9.389117E-03	4.681716E-01	2.555751E-05	0.0	0.0	1.592255E-03
18667	G	1.986714E-02	4.681718E-01	3.031675E-05	2.733981E-06	-9.157341E-06	1.590247E-03
18668	G	2.539292E-02	4.681721E-01	2.771444E-05	1.173529E-06	-1.577899E-05	1.590073E-03
18669	G	2.857286E-02	4.681726E-01	2.648598E-05	-2.767281E-06	-2.241894E-05	1.589898E-03
18681	G	-2.780316E-02	4.681416E-01	1.962644E-05	0.0	0.0	0.0
18683	G	-1.948018E-02	4.681416E-01	8.597839E-06	2.675428E-06	1.139225E-05	1.585651E-03
18685	G	1.443007E-04	4.681398E-01	2.185439E-05	0.0	0.0	0.0
18687	G	1.976472E-02	4.681391E-01	2.987006E-05	2.733981E-06	-8.113529E-06	1.585651E-03
18689	G	2.806957E-02	4.681389E-01	1.618294E-05	0.0	0.0	0.0
18983	G	-1.948105E-02	4.739944E-01	-1.649121E-05	0.0	2.765069E-06	1.586544E-03
18987	G	1.976538E-02	4.739920E-01	4.853660E-05	0.0	-2.313406E-06	1.586575E-03
19741	G	-2.835032E-02	4.850499E-01	-8.684371E-05	-4.547800E-06	1.176694E-05	1.603654E-03
19742	G	-1.610423E-02	4.850461E-01	-4.106248E-05	-6.650767E-06	8.473143E-06	1.603783E-03
19743	G	-9.262324E-02	4.850460E-01	-2.752940E-05	0.0	6.496137E-06	1.604469E-03
19745	G	8.983725E-05	4.850459E-01	2.145501E-05	0.0	0.0	1.605505E-03
19747	G	1.280159E-02	4.850457E-01	7.070899E-05	0.0	-6.979262E-06	1.604134E-03
19748	G	1.628175E-02	4.850457E-01	8.442962E-05	-6.822305E-06	-8.860686E-06	1.603354E-03
19749	G	2.852417E-02	4.850494E-01	1.304707E-04	-4.272996E-06	-1.171819E-05	1.603147E-03
19751	G	-2.826983E-02	4.850921E-01	-8.670079E-05	-2.362024E-06	1.146458E-05	1.600839E-03
19752	G	-1.604621E-02	4.850917E-01	-4.091345E-05	-7.492730E-06	6.911074E-06	1.599508E-03
19758	G	1.622088E-02	4.850918E-01	8.424677E-05	-7.853141E-06	-7.258507E-06	1.599439E-03
19759	G	2.844416E-02	4.850923E-01	1.302904E-04	-1.591785E-06	-1.129035E-05	1.600843E-03
19761	G	-2.824178E-02	4.851065E-01	-8.670682E-05	-6.261737E-06	1.129238E-05	1.598470E-03
19762	G	-1.602982E-02	4.851068E-01	-4.089573E-05	-5.942675E-06	6.520018E-06	1.598345E-03
19763	G	-1.256210E-02	4.851068E-01	-2.761462E-05	0.0	6.136825E-06	1.597727E-03
19765	G	8.660420E-05	4.851069E-01	2.142506E-05	0.0	0.0	1.596738E-03
19767	G	1.273570E-02	4.851069E-01	7.082618E-05	0.0	-6.585410E-06	1.597825E-03
19768	G	1.620366E-02	4.851069E-01	8.422909E-05	-5.964247E-06	-6.852808E-06	1.598473E-03
19769	G	2.841662E-02	4.851066E-01	1.303124E-04	-6.352524E-06	-1.107032E-05	1.598602E-03
21183	G	-1.948486E-02	5.085849E-01	2.543023E-05	0.0	9.207690E-06	1.589283E-03
21187	G	1.976801E-02	5.085840E-01	-4.058997E-06	0.0	-2.505194E-06	1.589410E-03
21321	G	-2.667180E-02	5.122547E-01	3.383367E-05	0.0	0.0	0.0
21323	G	-1.576287E-02	5.122541E-01	1.413734E-05	0.0	0.0	0.0
21325	G	6.324064E-05	5.122536E-01	6.792392E-06	0.0	0.0	0.0
21327	G	1.588035E-02	5.122558E-01	4.897162E-06	0.0	0.0	0.0
21329	G	2.676962E-02	5.122569E-01	4.378389E-06	0.0	0.0	0.0
21341	G	-2.800822E-02	5.121277E-01	0.0	-2.609307E-06	-1.772465E-05	1.600864E-03
21343	G	-1.907412E-02	5.121277E-01	4.796460E-07	0.0	-1.659551E-05	1.595980E-03
21345	G	-4.120635E-05	5.121285E-01	3.409695E-06	0.0	3.731880E-06	1.583147E-03
21347	G	1.908881E-02	5.121287E-01	3.817416E-06	0.0	2.405928E-05	1.612165E-03
21349	G	2.811852E-02	5.121287E-01	0.0	-2.225919E-06	2.518840E-05	1.618866E-03
21361	G	-2.823301E-02	5.121121E-01	-5.689244E-06	0.0	0.0	0.0
21363	G	-1.968675E-02	5.121133E-01	-1.326789E-06	1.512432E-07	1.641642E-05	0.0
21364	G	-8.770481E-03	5.121132E-01	1.683691E-06	0.0	0.0	0.0
21366	G	8.926440E-03	5.121125E-01	3.400969E-06	0.0	0.0	0.0
21367	G	1.986681E-02	5.121122E-01	4.951973E-06	5.292736E-08	-6.466720E-06	0.0
21369	G	2.839724E-02	5.121103E-01	6.756458E-06	0.0	0.0	0.0
21383	G	-1.948515E-02	5.121132E-01	-1.540373E-06	-2.622992E-07	1.528391E-05	1.589338E-03
21387	G	1.976816E-02	5.121126E-01	5.066285E-06	-2.052784E-07	-5.836136E-06	1.589481E-03
21485	G	0.0	5.130053E-01	-4.423576E-07	-1.001856E-06	0.0	0.0
21801	G	-2.206375E-02	5.202724E-01	4.840398E-05	0.0	0.0	0.0
21803	G	-1.355123E-02	5.202788E-01	3.566696E-05	0.0	0.0	0.0
21807	G	1.366480E-02	5.202795E-01	-9.508354E-06	0.0	0.0	0.0
21809	G	2.217031E-02	5.202734E-01	-1.708516E-05	0.0	0.0	0.0
21821	G	-2.645463E-02	5.202470E-01	5.830765E-05	0.0	0.0	0.0
21823	G	-1.577919E-02	5.202441E-01	3.634904E-05	0.0	0.0	0.0
21825	G	6.089696E-05	5.202417E-01	1.553180E-05	0.0	0.0	0.0
21827	G	1.589329E-02	5.202442E-01	-5.827161E-06	0.0	0.0	0.0
21829	G	2.655733E-02	5.202465E-01	-3.392951E-05	0.0	0.0	0.0
22312	G	-2.122002E-02	5.271297E-01	6.962269E-05	0.0	0.0	0.0
22318	G	2.142813E-02	5.271296E-01	-4.285941E-05	0.0	0.0	0.0

22701	G	-2.119087E-02	5.340112E-01	8.819126E-05	0.0	0.0	0.0
22703	G	-1.238163E-02	5.340206E-01	5.757659E-05	0.0	0.0	0.0
22707	G	1.247016E-02	5.340238E-01	-2.807286E-05	0.0	0.0	0.0
22709	G	2.129661E-02	5.340126E-01	-6.576855E-05	0.0	0.0	0.0
22721	G	-2.600348E-02	5.339638E-01	1.188110E-04	0.0	0.0	0.0
22723	G	-1.578698E-02	5.339638E-01	6.517489E-05	0.0	0.0	0.0
22725	G	5.792109E-05	5.339642E-01	1.558210E-05	0.0	0.0	0.0
22727	G	1.589959E-02	5.339612E-01	-4.012451E-05	0.0	0.0	0.0
22729	G	2.610788E-02	5.339603E-01	-9.692449E-05	0.0	0.0	0.0
23100	G	6.731325E-05	5.408769E-01	-1.741934E-06	0.0	0.0	0.0
25001	G	-1.842089E-02	5.695553E-01	2.363713E-05	0.0	0.0	0.0
25003	G	-1.238166E-02	5.695604E-01	1.163609E-05	0.0	0.0	0.0
25007	G	8.271597E-03	5.695601E-01	-3.253155E-05	0.0	0.0	0.0
25009	G	1.852306E-02	5.695551E-01	-5.339504E-05	0.0	0.0	0.0
25021	G	-2.460189E-02	5.695361E-01	3.485531E-05	0.0	0.0	0.0
25025	G	5.644090E-05	5.695360E-01	-1.515881E-05	0.0	0.0	0.0
25029	G	2.471288E-02	5.695352E-01	-6.562407E-05	0.0	0.0	0.0
25041	G	-2.571537E-02	5.695156E-01	3.196808E-05	0.0	0.0	0.0
25045	G	0.0	5.695149E-01	-1.583001E-05	0.0	0.0	0.0
25049	G	2.585161E-02	5.695149E-01	-6.440951E-05	0.0	0.0	0.0
25061	G	-2.572634E-02	5.695026E-01	3.053225E-05	0.0	0.0	0.0
25065	G	7.513432E-05	5.695028E-01	-1.601239E-05	0.0	0.0	0.0
25069	G	2.587558E-02	5.695027E-01	-6.380286E-05	0.0	0.0	0.0
26801	G	-1.234684E-02	5.985882E-01	5.525670E-07	0.0	0.0	0.0
26809	G	8.331910E-03	5.985883E-01	-4.496449E-05	0.0	0.0	0.0
26821	G	-2.309683E-02	5.985699E-01	2.253764E-05	0.0	0.0	0.0
26825	G	5.652380E-05	5.985698E-01	-2.678621E-05	0.0	0.0	0.0
26829	G	2.320865E-02	5.985696E-01	-7.674225E-05	0.0	0.0	0.0
26841	G	-2.330773E-02	5.985508E-01	2.275361E-05	0.0	0.0	0.0
26845	G	0.0	5.985504E-01	-2.689489E-05	0.0	0.0	0.0
26849	G	2.344252E-02	5.985507E-01	-7.674252E-05	0.0	0.0	0.0
26861	G	-2.346515E-02	5.985342E-01	2.260835E-05	0.0	0.0	0.0
26865	G	7.434958E-05	5.985342E-01	-2.688766E-05	0.0	0.0	0.0
26869	G	2.361296E-02	5.985342E-01	-7.617468E-05	0.0	0.0	0.0
29905	G	5.551089E-05	6.501117E-01	-3.302751E-05	0.0	0.0	0.0
29921	G	-1.890718E-02	6.496891E-01	-3.485155E-06	0.0	0.0	0.0
29925	G	5.709133E-05	6.496883E-01	-3.295534E-05	0.0	0.0	0.0
29929	G	1.902403E-02	6.496891E-01	-6.239073E-05	0.0	0.0	0.0
29941	G	-2.267000E-02	6.483192E-01	3.480412E-06	0.0	0.0	0.0
29945	G	0.0	6.483192E-01	-3.652049E-05	0.0	0.0	0.0
29949	G	2.263127E-02	6.483192E-01	-6.878300E-05	0.0	0.0	0.0
29961	G	-1.948122E-02	6.469657E-01	-1.658725E-06	0.0	0.0	0.0
29965	G	7.358800E-05	6.469664E-01	-3.202826E-05	0.0	0.0	0.0
29969	G	1.962739E-02	6.469657E-01	-6.239275E-05	0.0	0.0	0.0
30045	G	6.586776E-05	6.483827E-01	-3.250096E-05	2.470872E-06	5.462307E-07	1.591075E-03
31745	G	6.648336E-05	6.772499E-01	-4.241207E-05	2.470794E-06	5.462117E-07	1.591075E-03
33845	G	6.719235E-05	7.104985E-01	-5.382739E-05	2.470580E-06	5.462192E-07	1.591076E-03
35945	G	6.790133E-05	7.437490E-01	-6.524348E-05	2.470299E-06	5.462203E-07	1.591078E-03
38045	G	6.861033E-05	7.770151E-01	-7.666486E-05	2.470121E-06	5.462170E-07	1.591078E-03
40141	G	-4.965176E-02	8.102750E-01	-1.087950E-05	2.471076E-06	5.462167E-07	1.591074E-03
40142	G	-3.313642E-02	8.102750E-01	-3.652816E-05	2.470763E-06	5.462167E-07	1.591075E-03
40143	G	-1.533230E-02	8.102750E-01	-6.417342E-05	2.470241E-06	5.462167E-07	1.591076E-03
40145	G	6.931987E-05	8.102797E-01	-8.808567E-05	2.469913E-06	5.462166E-07	1.591077E-03
40147	G	1.547094E-02	8.102750E-01	-1.119947E-04	2.470242E-06	5.462166E-07	1.591076E-03
40148	G	3.327506E-02	8.102750E-01	-1.396400E-04	2.470765E-06	5.462166E-07	1.591075E-03
40149	G	4.979040E-02	8.102750E-01	-1.652487E-04	2.471077E-06	5.462166E-07	1.591074E-03
42245	G	7.002940E-05	8.435461E-01	-9.950716E-05	2.469566E-06	5.462180E-07	1.591076E-03
44345	G	7.073894E-05	8.768122E-01	-1.139285E-04	2.469229E-06	5.462176E-07	1.591074E-03
45245	G	7.104754E-05	8.912928E-01	-1.159302E-04	2.469036E-06	5.462169E-07	1.591072E-03
46445	G	7.144957E-05	9.101403E-01	-1.223712E-04	2.468652E-06	5.462171E-07	1.591071E-03
48045	G	7.996563E-05	9.357629E-01	-1.311807E-04	2.468182E-06	5.462179E-07	1.591073E-03
48845	G	8.456477E-05	9.495844E-01	-1.359328E-04	2.468249E-06	5.462177E-07	1.591074E-03
49745	G	8.923495E-05	9.636281E-01	-1.407613E-04	2.468539E-06	5.462166E-07	1.591075E-03
50645	G	9.389964E-05	9.776563E-01	-1.455844E-04	2.469412E-06	5.462176E-07	1.591076E-03
51545	G	9.856981E-05	9.916846E-01	-1.504075E-04	2.471478E-06	5.462180E-07	1.591076E-03
52045	G	1.033820E-04	1.000000E+00	-1.532497E-04	2.470809E-06	5.462164E-07	1.591075E-03

61912	G	-3.05[illegible]E-02	4.681761E-01	4.980463E-06	-2.815795E-06	2.290327E-05	1.602140E-03
61913	G	-3.057[illegible]E-02	4.681725E-01	4.980463E-06	-2.815795E-06	2.290327E-05	1.609153E-03
61914	G	-3.059[illegible]E-02	4.681691E-01	4.980463E-06	-2.815795E-06	2.290327E-05	1.605736E-03
61916		-3.075[illegible]E-02	4.681611E-01	4.799233E-06	-2.604282E-06	3.878862E-05	1.598145E-03
61917		-3.078[illegible]E-02	4.681585E-01	4.799233E-06	-2.604282E-06	3.878862E-05	1.549822E-03
61918	G	-3.083[illegible]E-02	4.681554E-01	4.799233E-06	-2.604282E-06	3.878862E-05	1.602231E-03
61922	G	-3.060000E-02	4.850938E-01	-8.919347E-05	-1.737778E-06	8.477796E-06	1.595316E-03
61923	G	-3.060746E-02	4.850928E-01	-8.919347E-05	-1.737778E-06	8.477797E-06	1.601272E-03
61924	G	-3.061433E-02	4.850908E-01	-8.919347E-05	-1.737778E-06	8.477796E-06	1.600106E-03
61926	G	-3.068525E-02	4.850516E-01	-9.157500E-05	-2.790505E-06	8.840452E-06	1.584053E-03
61927	G	-3.069126E-02	4.850497E-01	-9.157500E-05	-2.790505E-06	8.840453E-06	1.603259E-03
61928	G	-3.070028E-02	4.850469E-01	-9.157500E-05	-2.790505E-06	8.840452E-06	1.581308E-03
61934	G	-3.058251E-02	5.121404E-01	-2.217968E-05	-1.972662E-05	-1.784936E-05	1.601169E-03
61935	G	-3.057108E-02	5.121278E-01	-2.217968E-05	-1.972662E-05	-1.784936E-05	1.602217E-03
61936	G	-3.055859E-02	5.121139E-01	-2.217968E-05	-1.972662E-05	-1.784936E-05	1.623849E-03
62211	G	-3.538840E-02	4.692792E-01	-2.760426E-05	0.0	0.0	0.0
62213	G	-3.539566E-02	4.692648E-01	-2.805330E-05	-5.233926E-06	3.000716E-05	1.604623E-03
62217	G	-3.545182E-02	4.692166E-01	-2.840614E-05	4.462361E-06	4.859101E-05	1.562943E-03
62219	G	-3.545301E-02	4.692039E-01	-2.865198E-05	0.0	0.0	0.0
62221	G	-3.540448E-02	4.859670E-01	-8.387172E-05	-1.114453E-05	-2.410744E-05	1.592306E-03
62224	G	-3.541426E-02	4.859524E-01	-8.327354E-05	7.462905E-07	2.144117E-05	1.599306E-03
62226	G	-3.543787E-02	4.859089E-01	-8.127707E-05	-7.433761E-08	1.463554E-05	1.584816E-03
62229	G	-3.544403E-02	4.858977E-01	-8.069766E-05	-6.879131E-06	-1.193082E-05	1.584049E-03
62231	G	-3.541865E-02	5.121489E-01	-1.063682E-04	-1.341381E-05	-4.151235E-05	1.595197E-03
62239	G	-3.542376E-02	5.121161E-01	-1.056695E-04	-3.034135E-05	-7.984739E-06	1.617471E-03
62811	G	-4.463299E-02	4.713793E-01	-8.276058E-05	0.0	0.0	0.0
62819	G	-4.466319E-02	4.713035E-01	-8.225358E-05	0.0	0.0	0.0
62821	G	-4.464084E-02	4.876214E-01	-1.238714E-04	0.0	0.0	0.0
62829	G	-4.467134E-02	4.875532E-01	-1.238898E-04	0.0	0.0	0.0
62831	G	-4.466477E-02	5.121521E-01	-1.752678E-04	0.0	0.0	0.0
62839	G	-4.467146E-02	5.121269E-01	-1.753514E-04	0.0	0.0	0.0
63411	G	-5.416980E-02	4.735559E-01	-1.354146E-04	0.0	0.0	0.0
63419	G	-5.420096E-02	4.734882E-01	-1.355976E-04	0.0	0.0	0.0
63421	G	-5.417775E-02	4.893388E-01	-1.724773E-04	0.0	0.0	0.0
63429	G	-5.420842E-02	4.892754E-01	-1.727139E-04	0.0	0.0	0.0
63431	G	-5.420161E-02	5.121537E-01	-2.266930E-04	0.0	0.0	0.0
63439	G	-5.420928E-02	5.121350E-01	-2.267750E-04	0.0	0.0	0.0
64211	G	-6.768256E-02	4.766229E-01	-2.083920E-04	0.0	0.0	0.0
64219	G	-6.771022E-02	4.765650E-01	-2.083666E-04	0.0	0.0	0.0
64221	G	-6.769037E-02	4.917557E-01	-2.430309E-04	0.0	0.0	0.0
64229	G	-6.771797E-02	4.916995E-01	-2.430910E-04	-7.565695E-06	3.643620E-06	1.588048E-03
64231	G	-6.771141E-02	5.121584E-01	-2.918113E-04	0.0	0.0	0.0
64239	G	-6.771898E-02	5.121429E-01	-2.918444E-04	0.0	0.0	0.0
65011	G	-8.079827E-02	4.795954E-01	-2.783698E-04	0.0	0.0	0.0
65019	G	-8.082193E-02	4.795466E-01	-2.783486E-04	0.0	0.0	0.0
65021	G	-8.080602E-02	4.941090E-01	-3.115165E-04	0.0	0.0	0.0
65029	G	-8.082980E-02	4.940598E-01	-3.115179E-04	0.0	0.0	0.0
65031	G	-8.082384E-02	5.121641E-01	-3.536420E-04	0.0	0.0	0.0
65039	G	-8.083099E-02	5.121495E-01	-3.536481E-04	0.0	0.0	0.0
65911	G	-9.391385E-02	4.825839E-01	-3.481728E-04	0.0	0.0	0.0
65919	G	-9.393358E-02	4.825426E-01	-3.481696E-04	0.0	0.0	0.0
65971	G	-9.392154E-02	4.964619E-01	-3.798096E-04	0.0	0.0	0.0
65929	G	-9.394169E-02	4.964201E-01	-3.798238E-04	-7.594823E-06	3.621860E-06	1.587863E-03
65931	G	-9.393638E-02	5.121701E-01	-4.159783E-04	0.0	0.0	0.0
65939	G	-9.394318E-02	5.121561E-01	-4.159822E-04	0.0	0.0	0.0
71912	G	3.070328E-02	4.681741E-01	3.256947E-05	-2.940835E-06	-2.779886E-05	1.589854E-03
71913	G	3.073905E-02	4.681703E-01	3.256947E-05	-2.940835E-06	-2.779886E-05	1.613098E-03
71914	G	3.077222E-02	4.681668E-01	3.256947E-05	-2.940835E-06	-2.779886E-05	1.593827E-03
71916	G	3.094289E-02	4.681627E-01	4.120683E-05	-2.214913E-06	-4.669018E-05	1.585121E-03
71917	G	3.098963E-02	4.681605E-01	4.120683E-05	-2.214913E-06	-4.669018E-05	1.541291E-03
71918	G	3.104515E-02	4.681578E-01	4.120683E-05	-2.214913E-06	-4.669018E-05	1.590715E-03
71922	G	3.077475E-02	4.850932E-01	1.314516E-04	-8.221642E-07	-8.031259E-06	1.595837E-03
71923	G	3.078182E-02	4.850925E-01	1.314516E-04	-8.221642E-07	-8.031259E-06	1.601301E-03
71924	G	3.078833E-02	4.850919E-01	1.314516E-04	-8.221642E-07	-8.031259E-06	1.600764E-03
71926	G	3.085859E-02	4.850504E-01	1.344087E-04	-2.172445E-06	-8.437956E-06	1.583427E-03
71927	G	3.086433E-02	4.850489E-01	1.344087E-04	-2.172445E-06	-8.437956E-06	1.602713E-03

71928		3.087244E-02	4.853467E-01	1.344087E-04	-2.172445E-06	-8.437956E-06	1.580343E-03
71934		3.072678E-02	5.121429E-01	2.430519E-05	-2.193794E-05	2.531534E-05	1.604807E-03
71935	G	3.071058E-02	5.121288E-01	2.430519E-05	-2.193796E-05	2.531534E-05	1.620631E-03
71936	G	3.069286E-02	5.121135E-01	2.430519E-05	-2.193794E-05	2.531534E-05	1.634434E-03
72211		3.556737E-02	4.692800E-01	6.941542E-05	0.0	0.0	0.0
72213	G	3.557335E-02	4.692649E-01	6.990726E-05	-5.246788E-06	-3.593242E-05	1.607838E-03
72217	G	3.562908E-02	4.692137E-01	6.977966E-05	5.202633E-06	-5.886122E-05	1.557229E-03
72219	G	3.562807E-02	4.692002E-01	7.008990E-05	0.0	0.0	0.0
72221	G	3.558308E-02	4.859678E-01	1.200704E-04	-1.160476E-05	2.699481E-05	1.592541E-03
72224	G	3.559028E-02	4.859535E-01	1.193192E-04	1.687386E-06	-2.144395E-05	1.599957E-03
72226	G	3.560939E-02	4.859076E-01	1.168191E-04	1.040370E-06	-1.502022E-05	1.584297E-03
72229	G	3.561341E-02	4.858966E-01	1.161154E-04	-6.926342E-06	1.502550E-05	1.583442E-03
72231	G	3.558563E-02	5.121522E-01	1.193378E-04	-1.495884E-05	5.613420E-05	1.597031E-03
72239	G	3.558784E-02	5.121160E-01	1.186689E-04	-3.399924E-05	1.244058E-05	1.626109E-03
72411	G	4.481394E-02	4.713805E-01	1.267864E-04	0.0	0.0	0.0
72419	G	4.483490E-02	4.712994E-01	1.261540E-04	0.0	0.0	0.0
72421	G	4.481990E-02	4.876225E-01	1.593332E-04	0.0	0.0	0.0
72429	G	4.484141E-02	4.875517E-01	1.593784E-04	0.0	0.0	0.0
72431	G	4.483692E-02	5.121555E-01	1.954782E-04	0.0	0.0	0.0
72439	G	4.484130E-02	5.121281E-01	1.955670E-04	0.0	0.0	0.0
73411	G	5.435187E-02	4.735569E-01	1.810437E-04	0.0	0.0	0.0
73419	G	5.437503E-02	4.734851E-01	1.812339E-04	0.0	0.0	0.0
73421	G	5.435789E-02	4.893403E-01	2.088399E-04	0.0	0.0	0.0
73429	G	5.438063E-02	4.892743E-01	2.091021E-04	0.0	0.0	0.0
73431	G	5.437574E-02	5.121569E-01	2.498906E-04	0.0	0.0	0.0
73439	G	5.438138E-02	5.121369E-01	2.499870E-04	0.0	0.0	0.0
74211	G	6.786668E-02	4.786241E-01	2.556811E-04	0.0	0.0	0.0
74219	G	6.788725E 02	4.786631E-01	2.556359E-04	0.0	0.0	0.0
74221	G	6.787246E-02	4.917578E-01	2.810454E-04	0.0	0.0	0.0
74229	G	6.789303E-02	4.916990E-01	2.810955E-04	-7.894899E-06	-2.671472E-06	1.588234E-03
74231	G	6.788820E-02	5.121616E-01	3.178449E-04	0.0	0.0	0.0
74239	G	6.789386E-02	5.121453E-01	3.176790E-04	0.0	0.0	0.0
75011	G	8.094823E-02	4.795967E-01	3.269345E-04	0.0	0.0	0.0
75019	G	8.100170E-02	4.795449E-01	3.268475E-04	0.0	0.0	0.0
75021	G	8.098996E-02	4.941114E-01	3.511074E-04	0.0	0.0	0.0
75029	G	8.100748E-02	4.940600E-01	3.511098E-04	0.0	0.0	0.0
75031	G	8.100313E-02	5.121675E-01	3.823321E-04	0.0	0.0	0.0
75039	G	8.100843E-02	5.121521E-01	3.823391E-04	0.0	0.0	0.0
75911	G	9.410167E-02	4.825857E-01	3.979364E-04	0.0	0.0	0.0
75919	G	9.411609E-02	4.825424E-01	3.979329E-04	0.0	0.0	0.0
75921	G	9.410733E-02	4.964647E-01	4.209436E-04	0.0	0.0	0.0
75929	G	9.412211E-02	4.964210E-01	4.209653E-04	-7.944257E-06	-2.635356E-06	1.587983E-03
75931	G	9.411830E-02	5.121737E-01	4.474591E-04	0.0	0.0	0.0
75939	G	9.412324E-02	5.121591E-01	4.474642E-04	0.0	0.0	0.0
122400	G	1.291526E-04	5.275460E-01	2.397093E-04	5.604697E-06	8.959952E-06	1.604629E-03
123467	G	2.066930E-02	5.466896E-01	-2.367351E-05	0.0	0.0	0.0
123487	G	1.531900E-02	5.435663E-01	9.719695E-05	0.0	0.0	0.0
124800	G	1.291526E-04	5.658956E-01	2.556648E-05	5.604697E-06	8.959952E-06	1.604629E-03
125063	G	-2.064250E-02	5.695026E-01	2.136122E-05	0.0	0.0	0.0
125065	G	3.160041E-03	5.695028E-01	-2.172601E-05	0.0	0.0	0.0
125067	G	2.079193E-02	5.695027E-01	-6.380286E-05	0.0	0.0	0.0
125383	G	-1.874658E-02	5.744740E-01	4.359448E-05	0.0	0.0	0.0
125387	G	1.890322E-02	5.744740E-01	-8.790292E-05	0.0	0.0	0.0
126863	G	-1.582396E-02	5.985342E-01	6.541401E-06	0.0	0.0	0.0
126867	G	1.597207E-02	5.985342E-01	-6.017557E-05	0.0	0.0	0.0
127200	G	1.291526E-04	6.056914E-01	-1.966402E-04	5.604697E-06	8.959952E-06	1.604629E-03
189073	G	-1.949573E-02	4.740077E-01	1.962736E-05	-7.135494E-07	1.018544E-06	1.586877E-03
189077	G	1.977947E-02	4.740077E-01	3.728771E-05	-7.135494E-07	1.018544E-06	1.586877E-03
200070	G	1.341591E-04	4.899663E-01	1.821094E-05	-7.135494E-07	1.018544E-06	1.586877E-03
200078	G	1.418694E-04	4.899719E-01	1.821094E-05	-7.135494E-07	1.018544E-06	1.586877E-03
200079	G	1.433769E-04	4.899728E-01	1.821094E-05	-7.135494E-07	1.018544E-06	1.586877E-03
200086	G	1.507104E-04	4.899780E-01	1.821094E-05	-7.168493E-07	1.018544E-06	1.586877E-03
200087	G	1.507104E-04	4.899779E-01	1.821094E-05	-7.143383E-07	1.018544E-06	1.586877E-03
200095	G	1.596227E-04	4.899842E-01	1.821094E-05	-7.099226E-07	1.018545E-06	1.586877E-03
200096	G	1.596227E-04	4.899842E-01	1.821094E-05	-7.173022E-07	1.018545E-06	1.586877E-03
200101	G	1.654029E-04	4.899883E-01	1.821094E-05	-7.202902E-07	1.018547E-06	1.586877E-03

200106	G	1.708267E-04	4.899971E-01	1.821098E-05	-7.213080E-07	1.018546E-06	1.586877E-03
200114	G	1.789750E-04	4.899979E-01	1.821098E-05	-7.125575E-07	1.018544E-06	1.586877E-03
200121	G	1.861049E-04	4.900029E-01	1.821098E-05	-7.193037E-07	1.018544E-06	1.586877E-03
200129	G	1.942532E-04	4.900087E-01	1.821098E-05	-7.285558E-07	1.018546E-06	1.586877E-03
200137	G	2.024016E-04	4.900145E-01	1.821097E-05	-7.250624E-07	1.018546E-06	1.586877E-03
200145	G	2.105499E-04	4.900202E-01	1.821097E-05	-7.177002E-07	1.018545E-06	1.586877E-03
200153	G	2.184539E-04	4.900258E-01	1.821097E-05	-7.153440E-07	1.018545E-06	1.586877E-03
200155	G	2.207048E-04	4.900274E-01	1.821097E-05	-7.153440E-07	1.018545E-06	1.586877E-03
211001	G	6.296873E-02	3.512852E-01	-2.990779E-03	3.222103E-05	-3.027727E-05	1.559698E-03
211002	G	-6.285644E-02	3.512715E-01	3.192378E-03	3.222247E-05	3.237523E-05	1.560030E-03
211073	G	-1.949573E-02	5.385700E-01	-2.556524E-06	-7.135494E-07	1.018544E-06	1.586877E-03
211077	G	1.977947E-02	5.085700E-01	1.510382E-05	-7.135494E-07	1.018544E-06	1.586877E-03
214075	G	1.418694E-04	5.129815E-01	3.442096E-06	-7.135494E-07	1.018544E-06	1.586877E-03
214901	G	6.296873E-02	4.127842E-01	-1.796946E-03	3.222103E-05	-3.027727E-05	1.559698E-03
214902	G	-6.285644E-02	4.127834E-01	1.915822E-03	3.222247E-05	3.237523E-05	1.560030E-03
215101	G	4.525945E-02	4.155717E-01	-1.333320E-03	4.167236E-05	-2.238691E-05	1.561573E-03
215102	G	-4.509711E-02	4.155720E-01	1.446810E-03	4.166532E-05	2.504664E-05	1.561995E-03
215201	G	2.102997E-02	4.163117E-01	-6.263366E-04	4.865782E-05	-9.569393E-06	1.554125E-03
215202	G	-2.085046E-02	4.163122E-01	7.383178E-04	4.865231E-05	1.229632E-05	1.554357E-03
222001	G	6.297326E-02	5.228785E-01	-3.322731E-04	1.770610E-05	-5.947130E-06	1.556616E-03
222002	G	-6.286108E-02	5.228796E-01	3.596174E-04	1.771022E-05	6.429408E-06	1.556340E-03
222201	G	4.560380E-02	5.261961E-01	-1.714709E-04	1.096592E-05	3.958953E-06	1.568874E-03
222202	G	-4.569139E-02	5.261964E-01	1.982769E-04	1.097042E-05	-3.930216E-06	1.568541E-03
222301	G	2.142813E-02	5.271296E-01	-6.285941E-05	5.621739E-06	2.681414E-06	1.579901E-03
222302	G	-2.132002E-02	5.271297E-01	6.962269E-05	5.623623E-06	-2.712916E-06	1.579721E-03
223401	G	6.297326E-02	5.455272E-01	-2.457423E-04	1.770610E-05	-5.947130E-06	1.556616E-03
223402	G	-6.286108E-02	5.455243E-01	2.660693E-04	1.771022E-05	6.429408E-06	1.556340E-03
520018	G	-2.760553E-03	9.999999E-01	-1.488227E-04	2.470969E-06	5.462164E-07	1.591075E-03
520024	G	-3.747019E-03	9.999999E-01	-1.472908E-04	2.470578E-06	5.462164E-07	1.591075E-03
520057	G	-8.949835E-03	9.999999E-01	-1.392123E-04	2.470539E-06	5.462164E-07	1.591074E-03
520065	G	-1.015905E-02	9.999999E-01	-1.373347E-04	2.470565E-06	5.462164E-07	1.591073E-03
520068	G	-1.074775E-02	9.999999E-01	-1.364206E-04	2.470539E-06	5.462164E-07	1.591073E-03
520079	G	-1.246611E-02	9.999999E-01	-1.337524E-04	2.470494E-06	5.462164E-07	1.591073E-03
520135	G	-2.132839E-02	9.999999E-01	-1.139915E-04	2.470561E-06	5.462164E-07	1.591075E-03
520139	G	-2.198074E-02	9.999999E-01	-1.189785E-04	2.470555E-06	5.462164E-07	1.591075E-03
520152	G	-2.406504E-02	1.000000E 00	-1.157421E-04	2.470544E-06	5.462164E-07	1.591073E-03
520185	G	-2.931239E-02	1.000000E 00	-1.075943E-04	2.470544E-06	5.462164E-07	1.591073E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 0.0

REAL EIGENVECTOR NO. 5

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	1.6195941E-02	-7.3249106E-02	4.529373E-02	0.0	0.0	0.0
3339	G	5.8369158E-03	-7.3249106E-02	1.6433178E-01	0.0	0.0	0.0
3341	G	1.4244706E-02	1.4824776E-02	2.0390136E-02	0.0	0.0	0.0
3349	G	-7.2531946E-04	1.4824856E-02	1.8923546E-01	0.0	0.0	0.0
4631	G	2.3463046E-02	-8.7255186E-02	-2.6581106E-02	0.0	0.0	0.0
4633	G	2.3050986E-02	-1.3098476E-01	2.4503496E-03	0.0	0.0	0.0
4637	G	3.5080026E-03	-1.3098466E-01	2.2279796E-01	0.0	0.0	0.0
4639	G	-1.2306866E-03	-8.7254946E-02	2.5182946E-01	0.0	0.0	0.0
4641	G	1.9965166E-02	2.6328326E-03	-3.7270686E-02	0.0	0.0	0.0
4649	G	-6.6260776E-03	2.6337616E-03	2.6251916E-01	0.0	0.0	0.0
4661	G	1.2311946E-02	9.9811386E-02	-5.2024726E-03	0.0	0.0	0.0
4669	G	-8.5856096E-03	9.9811616E-02	2.3045106E-01	0.0	0.0	0.0
6123	G	2.7115146E-02	-2.0924096E-01	3.2901886E-04	0.0	0.0	0.0
6127	G	5.5629136E-03	-2.0924046E-01	2.4325176E-01	0.0	0.0	0.0
6131	G	2.8167946E-02	-1.4741416E-01	-4.6075726E-02	0.0	0.0	0.0
6133	G	2.4052136E-02	-1.4741456E-01	3.2975346E-04	0.0	0.0	0.0
6137	G	2.5068806E-03	-1.4741496E-01	2.4325126E-01	0.0	0.0	0.0
6139	G	-1.6089716E-03	-1.4741476E-01	2.8965346E-01	0.0	0.0	0.0
6141	G	2.4038006E-02	-4.8276036E-02	-5.4823776E-02	0.0	0.0	0.0
6143	G	1.9155436E-02	-4.8276076E-02	3.3101536E-04	0.0	0.0	0.0
6147	G	-2.3990106E-03	-4.8288596E-02	2.4325036E-01	0.0	0.0	0.0
6149	G	-7.2885836E-03	-4.8288656E-02	2.9839396E-01	0.0	0.0	0.0
6161	G	2.1086696E-02	2.2675356E-02	-6.1139486E-02	0.0	0.0	0.0
6163	G	1.5650576E-02	2.2675376E-02	3.3029706E-04	0.0	0.0	0.0
6167	G	-5.9101816E-03	2.2654766E-02	2.4325036E-01	0.0	0.0	0.0
6169	G	-1.1358156E-02	2.2654616E-02	3.0471546E-01	0.0	0.0	0.0
6173	G	9.9786186E-03	1.4494406E-01	-4.0691766E-03	0.0	0.0	0.0
6179	G	-1.1562866E-02	1.4494296E-01	2.3886906E-01	0.0	0.0	0.0
7031	G	2.9481256E-02	-1.5759346E-01	0.0	0.0	0.0	0.0
7033	G	2.4051756E-02	-1.5769326E-01	6.0571776E-03	0.0	0.0	0.0
7037	G	2.5072056E-03	-1.5769326E-01	2.4894706E-01	0.0	0.0	0.0
7039	G	-2.9225676E-03	-1.5769326E-01	0.0	0.0	0.0	0.0
7043	G	1.9023386E-02	0.0	6.0579776E-03	0.0	0.0	0.0
7047	G	-2.5313666E-03	0.0	2.4898606E-01	0.0	0.0	0.0
7061	G	2.1655566E-02	1.7055866E-02	-6.4445206E-02	0.0	0.0	0.0
7063	G	1.5423106E-02	1.7055866E-02	6.0581836E-03	0.0	0.0	0.0
7067	G	-6.1382356E-03	1.7008036E-02	2.4898556E-01	0.0	0.0	0.0
7069	G	-1.2373116E-02	1.7008036E-02	3.1925496E-01	0.0	0.0	0.0
7071	G	1.0634506E-02	0.0	-6.8593666E-02	0.0	0.0	0.0
7079	G	4.4946546E-02	0.0	3.1761066E-01	0.0	0.0	0.0
7505	G	2.2288596E-02	-3.4496436E-01	1.3035096E-01	-1.2146496E-02	-6.0960746E-04	-1.0772276E-03
8300	G	-1.1336766E-03	1.2067346E-01	1.3489476E-01	0.0	0.0	0.0
8531	G	3.1479916E-02	-1.7328056E-01	0.0	0.0	0.0	0.0
8533	G	2.4051756E-02	-1.7328076E-01	1.4747976E-02	0.0	0.0	0.0
8537	G	2.5072056E-03	-1.7328076E-01	2.5767776E-01	0.0	0.0	0.0
8539	G	-4.9247076E-03	-1.7328146E-01	0.0	0.0	0.0	0.0
8543	G	1.8818976E-02	0.0	1.4747406E-02	0.0	0.0	0.0
8547	G	-2.7347196E-03	0.0	2.5767846E-01	0.0	0.0	0.0
8561	G	2.2524766E-02	8.5598346E-03	-6.9408336E-02	0.0	0.0	0.0
8563	G	1.5075886E-02	8.5598346E-03	1.4747256E-02	0.0	0.0	0.0
8567	G	-6.4670666E-03	8.5155296E-03	2.5767866E-01	0.0	0.0	0.0
8569	G	-1.3906576E-02	8.5155296E-03	3.4163846E-01	0.0	0.0	0.0
8571	G	1.0636886E-02	0.0	-7.3171256E-02	0.0	0.0	0.0
8579	G	4.4909346E-02	0.0	3.3993566E-01	0.0	0.0	0.0
9303	G	3.8671756E-02	-4.7594076E-01	1.9383226E-02	0.0	0.0	0.0
9307	G	1.7057966E-02	-4.7594026E-01	2.6233606E-01	0.0	0.0	0.0

9313	G	3.551226E-02	-4.124072E-01	1.938344E-02	0.0	0.0	0.0
9317	G	1.394811E-02	-4.124045E-01	2.623382E-01	0.0	0.0	0.0
9331	G	3.254173E-02	-1.816111E-01	-7.648193E-02	0.0	0.0	0.0
9333	G	2.405081E-02	-1.816124E-01	1.939455E-02	0.0	0.0	0.0
9337	G	2.507722E-03	-1.816224E-01	2.623299E-01	0.0	0.0	0.0
9339	G	-5.498918E-03	-1.816234E-01	3.581662E-01	0.0	0.0	0.0
9341	G	0.0	-7.479797E-02	-6.661564E-02	0.0	0.0	0.0
9343	G	1.864930E-02	-7.479262E-02	2.084124E-02	0.0	0.0	0.0
9347	G	-2.990499E-03	-7.478338E-02	2.637796E-01	0.0	0.0	0.0
9349	G	0.0	-7.478654E-02	3.455738E-01	0.0	0.0	0.0
9361	G	2.323926E-02	1.608712E-03	-7.342994E-02	0.0	0.0	0.0
9363	G	1.479023E-02	1.608264E-03	2.187487E-02	0.0	0.0	0.0
9367	G	-6.778397E-03	1.617619E-03	2.648245E-01	0.0	0.0	0.0
9369	G	-1.517651E-02	1.618767E-03	3.601264E-01	0.0	0.0	0.0
9371	G	1.953501E-02	7.030779E-02	-7.013346E-02	0.0	0.0	0.0
9373	G	0.0	7.030392E-02	2.495280E-02	0.0	0.0	0.0
9377	G	0.0	7.031196E-02	2.540683E-01	0.0	0.0	0.0
9379	G	-1.855049E-02	7.031780E-02	3.587769E-01	0.0	0.0	0.0
11300	G	2.954793E-02	-3.131034E-01	3.164927E-02	0.0	0.0	0.0
11503	G	3.552990E-02	-4.367884E-01	0.0	0.0	0.0	0.0
11507	G	1.393045E-02	-4.367884E-01	0.0	0.0	0.0	0.0
11531	G	3.252658E-02	-2.059778E-01	0.0	0.0	0.0	0.0
11533	G	2.402861E-02	-2.059805E-01	3.299410E-02	0.0	0.0	0.0
11537	G	2.528759E-03	-2.059888E-01	2.758021E-01	0.0	0.0	0.0
11539	G	-5.963370E-03	-2.059883E-01	0.0	0.0	0.0	0.0
11543	G	1.865570E-02	-9.646165E-02	3.299152E-02	0.0	0.0	0.0
11547	G	-2.901648E-03	-9.646165E-02	2.758055E-01	0.0	0.0	0.0
11561	G	2.290388E-02	-9.366024E-03	-6.326634E-02	0.0	0.0	0.0
11563	G	1.438184E-02	-9.366024E-03	3.298947E-02	0.0	0.0	0.0
11567	G	-7.254146E-03	-9.210292E-03	2.758083E-01	0.0	0.0	0.0
11569	G	-1.576653E-02	-9.210270E-03	3.725800E-01	0.0	0.0	0.0
11571	G	5.874213E-03	0.0	-6.615400E-02	0.0	0.0	0.0
11579	G	4.980429E-02	0.0	3.685278E-01	0.0	0.0	0.0
11700	G	1.155209E-02	-3.276278E-01	2.420589E-01	0.0	0.0	0.0
13500	G	-5.939934E-03	1.624461E-01	1.660523E-01	0.0	0.0	0.0
13801	G	4.097688E-02	-4.496562E-01	-2.395637E-02	0.0	0.0	0.0
13803	G	3.553875E-02	-4.617867E-01	4.665211E-02	0.0	0.0	0.0
13807	G	1.392158E-02	-4.617828E-01	2.898514E-01	0.0	0.0	0.0
13809	G	7.299371E-03	-4.496506E-01	3.603958E-01	0.0	0.0	0.0
13821	G	3.789920E-02	-3.528354E-01	-4.668088E-02	0.0	0.0	0.0
13823	G	2.971140E-02	-3.528382E-01	4.668003E-02	0.0	0.0	0.0
13827	G	8.941453E-03	-3.528354E-01	2.898090E-01	0.0	0.0	0.0
13829	G	7.357190E-04	-3.528352E-01	3.830900E-01	0.0	0.0	0.0
13831	G	3.249846E-02	-2.308477E-01	-4.982280E-02	0.0	0.0	0.0
13833	G	2.392799E-02	-2.308456E-01	4.673943E-02	0.0	0.0	0.0
13837	G	2.632920E-03	-2.308433E-01	2.897611E-01	0.0	0.0	0.0
13839	G	-5.486186E-03	-2.308774E-01	3.861272E-01	0.0	0.0	0.0
13841	G	0.0	-1.213933E-01	-5.038557E-02	0.0	0.0	0.0
13843	G	1.872544E-02	-1.213941E-01	4.674478E-02	0.0	0.0	0.0
13847	G	-2.981221E-03	-1.213979E-01	2.897601E-01	0.0	0.0	0.0
13848	G	-2.981605E-03	-1.181371E-01	2.876559E-01	0.0	0.0	0.0
13849	G	0.0	-1.181526E-01	3.635994E-01	0.0	0.0	0.0
13861	G	2.248806E-02	-2.304624E-02	-5.048954E-02	0.0	0.0	0.0
13863	G	1.392049E-02	-2.304570E-02	4.674276E-02	0.0	0.0	0.0
13867	G	-7.731229E-03	-1.899884E-02	2.858271E-01	0.0	0.0	0.0
13869	G	-1.639592E-02	-1.900308E-02	3.836172E-01	0.0	0.0	0.0
13871	G	1.555113E-02	0.0	-4.976019E-02	0.0	0.0	0.0
13879	G	1.150032E-01	0.0	3.631984E-01	0.0	0.0	0.0
14801	G	4.097688E-02	-4.599514E-01	-1.783655E-02	0.0	0.0	0.0
14803	G	3.562641E-02	-4.720766E-01	5.270938E-02	0.0	0.0	0.0
14807	G	1.382446E-02	-4.720726E-01	2.956034E-01	0.0	0.0	0.0
14809	G	7.299371E-03	-4.599468E-01	3.661479E-01	0.0	0.0	0.0
14821	G	3.786247E-02	-3.632328E-01	-4.045395E-02	0.0	0.0	0.0
14823	G	2.960888E-02	-3.632618E-01	5.270938E-02	0.0	0.0	0.0
14827	G	9.044554E-03	-3.632609E-01	2.956034E-01	0.0	0.0	0.0
14829	G	7.012704E-04	-3.632308E-01	3.887644E-01	0.0	0.0	0.0

14831	G	3.248550E-02	-2.413759E-01	-4.387309E-02	0.0	0.0	0.0
14833	G	2.388375E-02	-2.413910E-01	5.254644E-02	0.0	0.0	0.0
14837	G	2.679846E-03	-2.413886E-01	2.957612E-01	0.0	0.0	0.0
14839	G	-5.879588E-03	-2.413714E-01	3.922355E-01	0.0	0.0	0.0
14841	G	0.0	-1.319280E-01	-4.455574E-02	0.0	0.0	0.0
14843	G	1.881632E-02	-1.319308E-01	5.254405E-02	0.0	0.0	0.0
14847	G	-3.072654E-03	-1.319289E-01	2.957737E-01	0.0	0.0	0.0
14849	G	0.0	-1.319216E-01	3.929142E-01	0.0	0.0	0.0
14861	G	2.223020E-02	-2.866052E-02	-4.459185E-02	0.0	0.0	0.0
14863	G	1.370584E-02	-2.865835E-02	5.254477E-02	0.0	0.0	0.0
14867	G	-8.190829E-03	-2.866639E-02	2.957829E-01	0.0	0.0	0.0
14869	G	-1.677353E-02	-2.864313E-02	3.929902E-01	0.0	0.0	0.0
14881	G	1.328351E-02	1.385452E-01	-3.874235E-02	0.0	0.0	0.0
14883	G	5.106919E-03	1.385475E-01	5.484655E-02	0.0	0.0	0.0
14887	G	-1.646523E-02	1.385553E-01	2.980248E-01	0.0	0.0	0.0
14889	G	-2.462405E-02	1.385570E-01	3.909635E-01	0.0	0.0	0.0
15212	G	3.707061E-02	-4.357178E-01	1.290084E-02	-1.213098E-02	-6.708507E-04	-1.052812E-03
15216	G	8.358542E-03	-4.357163E-01	3.401655E-01	-1.213063E-02	-5.328767E-04	-1.053174E-03
15601	G	4.104370E-02	-4.558502E-01	-2.047014E-02	0.0	0.0	0.0
15603	G	3.562641E-02	-4.804043E-01	5.801581E-02	0.0	0.0	0.0
15607	G	1.382446E-02	-4.804032E-01	2.998185E-01	0.0	0.0	0.0
15609	G	5.999103E-03	-4.554647E-01	3.782990E-01	0.0	0.0	0.0
15621	G	3.784718E-02	-3.716092E-01	-3.559977E-02	0.0	0.0	0.0
15623	G	3.136707E-02	-3.715895E-01	3.775704E-02	0.0	0.0	0.0
15625	G	1.932838E-02	-3.716501E-01	1.789175E-01	0.0	0.0	0.0
15627	G	7.285755E-03	-3.715914E-01	3.200766E-01	0.0	0.0	0.0
15629	G	8.029467E-04	-3.716112E-01	3.934278E-01	0.0	0.0	0.0
15633	G	-2.323900E-02	0.0	3.797326E-02	0.0	0.0	0.0
15637	G	-4.431211E-03	0.0	3.198994E-01	0.0	0.0	0.0
16481	G	1.328362E-02	1.259424E-01	-3.087946E-02	0.0	0.0	0.0
16483	G	7.628031E-03	1.259419E-01	0.0	0.0	0.0	0.0
16485	G	-5.679768E-03	1.259373E-01	0.0	0.0	0.0	0.0
16487	G	-1.899338E-02	1.259368E-01	0.0	0.0	0.0	0.0
16489	G	-2.464743E-02	1.259487E-01	3.978272E-01	0.0	0.0	0.0
17100	G	9.081736E-03	-1.778592E-01	1.864892E-01	0.0	0.0	0.0
18601	G	4.019628E-02	-4.877497E-01	7.406663E-03	0.0	0.0	0.0
18603	G	3.466160E-02	-5.120379E-01	8.389246E-02	0.0	0.0	0.0
18607	G	1.480807E-02	-5.120376E-01	3.098546E-01	0.0	0.0	0.0
18609	G	6.861307E-03	-4.877509E-01	3.863650E-01	0.0	0.0	0.0
18621	G	3.786821E-02	-4.030823E-01	-1.433500E-02	0.0	0.0	0.0
18623	G	3.000866E-02	-4.333765E-01	7.550669E-02	0.0	0.0	0.0
18625	G	1.933269E-02	-4.030803E-01	1.968743E-01	0.0	0.0	0.0
18627	G	8.653969E-03	-4.030780E-01	3.182400E-01	0.0	0.0	0.0
18629	G	7.906300E-04	-4.030843E-01	4.080736E-01	0.0	0.0	0.0
18631	G	3.220345E-02	-2.812338E-01	-1.795334E-02	0.0	0.0	0.0
18633	G	0.0	-2.812327E-01	7.550746E-02	0.0	0.0	0.0
18635	G	0.0	-2.812352E-01	1.968759E-01	0.0	0.0	0.0
18637	G	0.0	-2.812337E-01	3.182423E-01	0.0	0.0	0.0
18639	G	-5.592514E-03	-2.812338E-01	4.117022E-01	0.0	0.0	0.0
18641	G	2.665170E-02	-1.573260E-01	-1.975575E-02	-1.213495E-02	-6.184881E-04	-1.086642E-03
18642	G	2.447659E-02	-1.573275E-01	4.514035E-03	-1.213534E-02	-6.179300E-04	-1.088572E-03
18643	G	2.069183E-02	-1.573295E-01	4.668485E-02	0.0	-6.173737E-04	-1.089698E-03
18644	G	1.348724E-02	-1.573344E-01	1.266043E-01	0.0	0.0	-1.097422E-03
18645	G	7.126391E-03	-1.573361E-01	1.968760E-01	0.0	0.0	-1.098943E-03
18646	G	7.710352E-04	-1.573352E-01	2.671484E-01	0.0	0.0	-1.095525E-03
18647	G	-6.413963E-03	-1.573312E-01	3.470690E-01	0.0	-5.826944E-04	-1.085643E-03
18648	G	-1.018419E-02	-1.573294E-01	3.892413E-01	-1.213282E-02	-5.827877E-04	-1.084314E-03
18649	G	-1.235055E-02	-1.573280E-01	4.135122E-01	-1.213524E-02	-5.828408E-04	-1.082095E-03
18651	G	2.529757E-02	-1.307517E-01	-1.975566E-02	-1.213503E-02	-6.180163E-04	-1.084905E-03
18652	G	2.312516E-02	-1.307522E-01	4.513647E-03	-1.213482E-02	-6.164585E-04	-1.087251E-03
18653	G	-1.146387E-02	-1.307535E-01	3.892413E-01	-1.213504E-02	-5.844957E-04	-1.083104E-03
18654	G	-1.362758E-02	-1.307530E-01	4.135111E-01	-1.213566E-02	-5.835451E-04	-1.080292E-03
18656	G	2.237862E-02	-7.335794E-02	-1.975533E-02	-1.213572E-02	-6.162715E-04	-1.087209E-03
18657	G	2.020667E-02	-7.335770E-02	4.513398E-03	-1.213578E-02	-6.157414E-04	-1.085009E-03
18658	G	-1.422435E-02	-7.335848E-02	3.892410E-01	-1.213608E-02	-5.851316E-04	-1.083555E-03
18659	G	-1.634354E-02	-7.335871E-02	4.135123E-01	-1.213541E-02	-5.858662E-04	-1.085944E-03

18661	G	7.0465476E-02	-4.1262061E-02	-1.4759819E-02	-1.213513E-02	-6.105222E-04	-1.086752E-03
18662	G	1.8691628E-02	-4.1261741E-02	4.512694E-03	-1.213612E-02	-6.101492E-04	-1.087012E-03
18663	G	1.4914608E-02	-4.1261481E-02	4.668534E-02	-1.213665E-02	-6.097774E-04	-1.086719E-03
18664	G	7.7698864E-03	-4.1260691E-02	1.266040E-01	0.0	0.0	-1.083656E-03
18665	G	1.4995644E-03	-4.1260631E-02	1.968760E-01	0.0	0.0	-1.082604E-03
18666	G	-4.7707849E-03	-4.1261331E-02	2.6714866E-01	0.0	0.0	-1.083675E-03
18667	G	1.1911570E-02	-4.1262081E-02	3.4706866E-01	-1.213660E-02	-5.906073E-04	-1.086756E-03
18668	G	-1.5692771E-02	-4.1262666E-02	3.892413E-01	-1.213611E-02	-5.916448E-04	-1.086980E-03
18669	G	-1.7866241E-02	-4.1263161E-02	4.1351326E-01	-1.213552E-02	-5.926851E-04	-1.086376E-03
18681	G	1.3288881E-02	1.0201421E-01	-1.733360E-02	0.0	0.0	0.0
18683	G	7.6178911E-03	1.0201441E-01	4.6685621E-02	-1.213665E-02	-6.093252E-04	-1.074987E-03
18685	G	-5.6826731E-03	1.0201391E-01	1.9687601E-01	0.0	0.0	0.0
18687	G	-1.8988051E-02	1.0201301E-01	3.4706811E-01	-1.213666E-02	-5.911845E-04	-1.074987E-03
18689	G	-2.4676261E-02	1.0201261E-01	4.1108611E-01	0.0	0.0	0.0
18983	G	7.6170901E-03	9.8052261E-02	4.8921691E-02	0.0	-6.030591E-04	-1.072633E-03
18987	G	-1.8987371E-02	9.8051911E-02	3.4926741E-01	0.0	-6.002609E-04	-1.072600E-03
19741	G	7.6926471E-02	-1.7857461E-01	-1.1874841E-02	-1.213657E-02	-6.053743E-04	-1.086541E-03
19742	G	1.9011641E-02	-1.8634091E-01	8.0842141E-02	-1.213534E-02	-6.052176E-04	-1.086787E-03
19743	G	1.6652831E-02	-1.8634071E-01	1.0717621E-01	0.0	-6.045899E-04	-1.087208E-03
19745	G	8.0383571E-03	-1.8634051E-01	2.0329061E-01	0.0	0.0	-1.087955E-03
19747	G	-5.7706961E-04	-1.8634071E-01	2.9940511E-01	0.0	-5.999652E-04	-1.087450E-03
19748	G	-2.9364671E-03	-1.8634091E-01	3.2573921E-01	-1.213529E-02	-5.993373E-04	-1.087095E-03
19749	G	-1.1624651E-02	-1.7857451E-01	4.1845631E-01	-1.213675E-02	-5.993007E-04	-1.086854E-03
19751	G	2.2826871E-02	-9.6412361E-02	-1.1874961E-02	-1.213753E-02	-6.055564E-04	-1.086713E-03
19752	G	1.4528931E-02	-9.6413021E-02	8.0842021E-02	-1.213502E-02	-6.044442E-04	-1.085822E-03
19758	G	-7.3795431E-03	-9.6413021E-02	3.2573931E-01	-1.213490E-02	-6.001582E-04	-1.086171E-03
19759	G	-1.5680441E-02	-9.6412301E-02	4.1845661E-01	-1.213792E-02	-5.990251E-04	-1.087178E-03
19761	G	2.1331061E-02	-6.6437481E-02	-1.1874911E-02	-1.213554E-02	-6.056060E-04	-1.085721E-03
19762	G	1.3036351E-02	-6.6437841E-02	8.0841961E-02	-1.213576E-02	-6.042281E-04	-1.085652E-03
19763	G	1.0680871E-02	-6.6437961E-02	1.0717631E-01	0.0	-6.043473E-04	-1.085310E-03
19765	G	2.0878901E-03	-6.6438201E-02	2.0329061E-01	0.0	0.0	-1.084838E-03
19767	G	-6.5061971E-03	-6.6437901E-02	2.9940501E-01	0.0	-6.002318E-04	-1.085591E-03
19768	G	-8.8623691E-03	-6.6437781E-02	3.2573941E-01	-1.213579E-02	-6.003957E-04	-1.086009E-03
19769	G	-1.7159841E-02	-6.6437361E-02	4.1845651E-01	-1.213553E-02	-5.989333E-04	-1.086092E-03
21183	G	7.6156931E-03	7.4783561E-02	6.1971361E-02	0.0	-6.060400E-04	-1.065363E-03
21187	G	-1.8986651E-02	7.4783501E-02	3.6248021E-01	0.0	-5.976299E-04	-1.065315E-03
21321	G	3.7489101E-02	-4.3269991E-01	8.8506681E-03	0.0	0.0	0.0
21323	G	3.0088241E-02	-4.3269971E-01	9.2146161E-02	0.0	0.0	0.0
21325	G	1.9346281E-02	-4.3269941E-01	2.1355841E-01	0.0	0.0	0.0
21327	G	8.6100851E-03	-4.3270051E-01	3.3496771E-01	0.0	0.0	0.0
21329	G	1.2174561E-03	-4.3270081E-01	4.1825321E-01	0.0	0.0	0.0
21341	G	2.7074781E-02	-2.0425931E-01	0.0	-1.214025E-02	-5.891218E-04	-1.085549E-03
21343	G	2.1014581E-02	-2.0425931E-01	6.7870621E-02	0.0	-5.899181E-04	-1.082881E-03
21345	G	8.0852401E-03	-2.0425971E-01	2.1356011E-01	0.0	-6.042544E-04	-1.075805E-03
21347	G	-4.8958441E-03	-2.0425991E-01	3.5925091E-01	0.0	-6.185910E-04	-1.091505E-03
21349	G	-1.1006971E-02	-2.0426001E-01	4.2712661E-01	-1.214068E-02	-6.193873E-04	-1.095142E-03
21361	G	2.1093511E-02	-8.0167711E-02	-1.6959761E-03	0.0	0.0	0.0
21363	G	1.5291091E-02	-8.0168901E-02	6.3319741E-02	-1.213885E-02	-6.108424E-04	0.0
21364	G	7.8767691E-03	-8.0168901E-02	1.4617651E-01	0.0	0.0	0.0
21366	G	-4.1369241E-03	-8.0168431E-02	2.8094471E-01	0.0	0.0	0.0
21367	G	-1.1553571E-02	-8.0168131E-02	3.6380211E-01	-1.213878E-02	-5.910150E-04	0.0
21369	G	-1.7360031E-02	-8.0166341E-02	4.2881971E-01	0.0	0.0	0.0
21383	G	7.6158791E-03	7.2418751E-02	6.3320821E-02	-1.213938E-02	-6.101069E-04	-1.065188E-03
21387	G	-1.8986911E-02	7.2418751E-02	3.6380091E-01	-1.213935E-02	-5.920348E-04	-1.065149E-03
21485	G	0.0	7.1825981E-02	2.1389761E-01	-1.214062E-02	0.0	0.0
21801	G	3.8554471E-02	-5.2276081E-01	4.6833251E-02	0.0	0.0	0.0
21803	G	3.3987951E-02	-5.4706541E-01	1.1191191E-01	0.0	0.0	0.0
21807	G	1.5505481E-02	-5.4706551E-01	3.2125061E-01	0.0	0.0	0.0
21809	G	8.5357091E-03	-5.2276101E-01	3.7432661E-01	0.0	0.0	0.0
21821	G	3.7362461E-02	-4.3812331E-01	1.2558441E-02	0.0	0.0	0.0
21823	G	3.0099351E-02	-4.3812161E-01	9.5159291E-02	0.0	0.0	0.0
21825	G	1.9347541E-02	-4.3811981E-01	2.1658101E-01	0.0	0.0	0.0
21827	G	8.5999781E-03	-4.3812141E-01	3.3800111E-01	0.0	0.0	0.0
21829	G	1.3618011E-03	-4.3812271E-01	4.1960531E-01	0.0	0.0	0.0
22312	G	3.6849801E-02	-5.0313261E-01	5.5244151E-02	0.0	0.0	0.0
22318	G	7.8327171E-03	-5.0313251E-01	3.8311661E-01	0.0	0.0	0.0

22701	G	3.796560E-02	-5.320818E-01	5.880746E-02	0.0	0.0	0.0
22703	G	3.317812E-02	-5.561713E-01	1.263307E-01	0.0	0.0	0.0
22707	G	1.631807E-02	-5.561714E-01	3.172389E-01	0.0	0.0	0.0
22709	G	9.124309E-03	-5.120849E-01	3.847660E-01	0.0	0.0	0.0
22721	G	2.703548E-02	-4.474323E-01	2.224441E-02	0.0	0.0	0.0
22723	G	3.010624E-02	-4.474425E-01	1.003449E-01	0.0	0.0	0.0
22725	G	1.934904E-02	-4.474332E-01	2.217842E-01	0.0	0.0	0.0
22727	G	8.596612E-03	-4.474313E-01	3.432280E-01	0.0	0.0	0.0
22729	G	1.666478E-03	-4.474308E-01	4.213292E-01	0.0	0.0	0.0
23100	G	1.029987E-02	-2.696527E-01	2.244300E-01	0.0	0.0	0.0
25001	G	3.608588E-02	-5.562137E-01	4.404671E-02	0.0	0.0	0.0
25003	G	3.318937E-02	-5.804984E-01	1.401893E-01	0.0	0.0	0.0
25007	G	1.916952E-02	-5.804982E-01	2.981684E-01	0.0	0.0	0.0
25009	G	1.100720E-02	-5.562137E-01	3.764895E-01	0.0	0.0	0.0
25021	G	3.608763E-02	-4.715808E-01	4.681203E-02	0.0	0.0	0.0
25025	G	1.934968E-02	-4.715810E-01	2.352682E-01	0.0	0.0	0.0
25029	G	2.612602E-03	-4.715803E-01	4.237248E-01	0.0	0.0	0.0
25041	G	2.684479E-02	-2.697936E-01	3.855812E-02	0.0	0.0	0.0
25045	G	0.0	-2.697933E-01	2.352687E-01	0.0	0.0	0.0
25049	G	-8.159656E-03	-2.697933E-01	4.319798E-01	0.0	0.0	0.0
25061	G	1.994435E-02	-1.304134E-01	3.855F93E-02	0.0	0.0	0.0
25065	G	2.431219E-03	-1.304136E-01	2.352687E-01	0.0	0.0	0.0
25069	G	-1.508142E-02	-1.304135E-01	4.319798E-01	0.0	0.0	0.0
26801	G	3.252799E-02	-5.873345E-01	4.515406E-01	0.0	0.0	0.0
26809	G	1.849078E-02	-5.873346E-01	2.095203E-01	0.0	0.0	0.0
26821	G	3.506633E-02	-4.912904E-01	4.245556E-02	0.0	0.0	0.0
26825	G	1.934956E-02	-4.912904E-01	2.462556E-01	0.0	0.0	0.0
26829	G	3.633481E-03	-4.912902E-01	4.230561E-01	0.0	0.0	0.0
26841	G	2.587200E-02	-3.028572E-01	6.787717E-02	0.0	0.0	0.0
26845	G	0.0	-3.028568E-01	2.462557E-01	0.0	0.0	0.0
26849	G	-5.862355E-03	-3.028571E-01	4.246344E-01	0.0	0.0	0.0
26861	G	1.864857E-02	-1.559459E-01	6.666321E-02	0.0	0.0	0.0
26865	G	2.720493E-03	-1.559459E-01	2.462556E-01	0.0	0.0	0.0
26869	G	-1.325705E-02	-1.559459E-01	4.258480E-01	0.0	0.0	0.0
29905	G	2.193607E-02	-5.786817E-01	2.657471E-01	0.0	0.0	0.0
29921	G	3.222219E-02	-5.259907E-01	1.208491E-01	0.0	0.0	0.0
29925	G	1.934914E-02	-5.259901E-01	2.655934E-01	0.0	0.0	0.0
29929	G	6.474528E-03	-5.259907E-01	4.103194E-01	0.0	0.0	0.0
29941	G	2.673845E-02	-3.622547E-01	9.156585E-02	0.0	0.0	0.0
29945	G	0.0	-3.622563E-01	2.638651E-01	0.0	0.0	0.0
29949	G	-4.157379E-03	-3.622579E-01	4.385912E-01	0.0	0.0	0.0
29961	G	1.647003E-02	-1.984116E-01	1.153512E-01	0.0	0.0	0.0
29965	G	3.196030E-03	-1.984121E-01	2.645693E-01	0.0	0.0	0.0
29969	G	-1.007685E-02	-1.984116E-01	4.138067E-01	0.0	0.0	0.0
30045	G	1.114906E-02	-3.597499E-01	2.651027E-01	-1.214220E-02	-6.020041E-04	-1.080019E-03
31745	G	1.047061E-02	-3.696625E-01	2.760261E-01	-1.214221E-02	-6.020044E-04	-1.080019E-03
33845	G	9.689201E-03	-3.724732E-01	2.886073E-01	-1.214221E-02	-6.020032E-04	-1.080019E-03
35945	G	8.907810E-03	-3.792853E-01	3.011842E-01	-1.214221E-02	-6.020016E-04	-1.080020E-03
38045	G	8.126408E-03	-3.861078E-01	3.137773E-01	-1.214221E-02	-6.020002E-04	-1.080023E-03
40141	G	4.109502E-02	-3.929141E-01	-5.308124E-02	-1.214220E-02	-6.020011E-04	-1.080017E-03
40142	G	2.983445E-02	-3.929141E-01	7.295465E-02	-1.214220E-02	-6.020011E-04	-1.080019E-03
40143	G	1.779903E-02	-3.929141E-01	2.088259E-01	-1.214220E-02	-6.020011E-04	-1.080021E-03
40145	G	7.344414E-03	-3.929173E-01	3.263642E-01	-1.214221E-02	-6.020011E-04	-1.080023E-03
40147	G	-3.110202E-03	-3.929141E-01	4.438990E-01	-1.214221E-02	-6.020011E-04	-1.080021E-03
40148	G	-1.519562E-02	-3.929141E-01	5.797703E-01	-1.214221E-02	-6.020011E-04	-1.080018E-03
40149	G	-2.640619E-02	-3.929141E-01	7.058064E-01	-1.214221E-02	-6.020011E-04	-1.080017E-03
42245	G	6.562604E-03	-3.997278E-01	3.389522E-01	-1.214221E-02	-6.020032E-04	-1.080020E-03
44345	G	5.780403E-03	-4.065382E-01	3.515400E-01	-1.214221E-02	-6.020060E-04	-1.080019E-03
45245	G	5.440269E-03	-4.095082E-01	3.570195E-01	-1.214221E-02	-6.020078E-04	-1.080020E-03
46445	G	4.997201E-03	-4.133666E-01	3.641515E-01	-1.214221E-02	-6.020041E-04	-1.080021E-03
48045	G	-4.388627E-03	-2.414761E-01	3.738607E-01	-1.214220E-02	-6.020018E-04	-1.080019E-03
48845	G	-9.457488E-03	-1.486349E-01	3.790981E-01	-1.214220E-02	-6.020011E-04	-1.080020E-03
49745	G	-1.460462E-02	-5.436625E-02	3.844196E-01	-1.214220E-02	-6.020004E-04	-1.080016E-03
50645	G	-1.974571E-02	3.979150E-02	3.897353E-01	-1.214220E-02	-6.020027E-04	-1.080012E-03
51545	G	-2.489284E-02	1.340707E-01	3.950511E-01	-1.214219E-02	-6.020055E-04	-1.080024E-03
52045	G	-3.019649E-02	2.353841E-01	3.982056E-01	-1.214224E-02	-6.020050E-04	-1.080023E-03

61912	G	2.232152E-02	-4.626298E-02	-3.601966E-02	-1.213521E-02	-6.108244E-04	-1.086535E-03
61913	G	2.313766E-02	-5.888100E-02	-3.601966E-02	-1.213521E-02	-6.108244E-04	-1.083780E-03
61914	G	2.395381E-02	-7.335824E-02	-3.601966E-02	-1.213521E-02	-6.108244E-04	-1.088207E-03
61916	G	2.559000E-02	-1.307502E-01	-3.601686E-02	-1.213515E-02	-6.194885E-04	-1.083847E-03
61917	G	2.640809E-02	-1.429975E-01	-3.601686E-02	-1.213515E-02	-6.194885E-04	-1.050462E-03
61918	G	2.722618E-02	-1.573262E-01	-3.601686E-02	-1.213515E-02	-6.194885E-04	-1.085827E-03
61922	G	2.968045E-02	-8.573002E-02	-2.959629E-02	-1.213818E-02	-6.037510E-04	-1.075990E-03
61923	G	2.441375E-02	-9.641159E-02	-2.959629E-02	-1.213818E-02	-6.037510E-04	-1.087004E-03
61924	G	2.449279E-02	-1.062435E-01	-2.959629E-02	-1.213818E-02	-6.037510E-04	-1.078411E-03
61926	G	2.810208E-02	-1.703214E-01	-2.959541E-02	-1.213801E-02	-6.036244E-04	-1.0[illegible]230E-03
61927	G	2.851259E-02	-1.785753E-01	-2.959541E-02	-1.213801E-02	-6.036244E-04	-1.086273E-03
61928	G	2.912825E-02	-1.909561E-01	-2.959541E-02	-1.213801E-02	-6.036244E-04	-1.068293E-03
61934	G	2.843546E-02	-1.964952E-01	-1.941544E-02	-1.213155E-02	-5.890338E-04	-1.079103E-03
61935	G	2.881244E-02	-2.042593E-01	-1.941544E-02	-1.213155E-02	-5.890338E-04	-1.086288E-03
61936	G	2.922476E-02	-2.127514E-01	-1.941544E-02	-1.213155E-02	-5.890338E-04	-1.091443E-03
62211	G	2.531109E-02	-3.853251E-02	-7.200944E-02	0.0	0.0	0.0
62213	G	2.635620E-02	-5.961804E-02	-7.200915E-02	-1.213621E-02	-6.144224E-04	-1.081136E-03
62217	G	3.052936E-02	-1.436133E-01	-7.200927E-02	-1.214063E-02	-6.246842E-04	-1.057869E-03
62219	G	3.136186E-02	-1.604805E-01	-7.200921E-02	0.0	0.0	0.0
62221	G	2.657602E-02	-7.526720E-02	-6.569135E-02	-1.213511E-02	-5.855446E-04	-1.074344E-03
62224	G	2.813792E-02	-1.068240E-01	-6.569171E-02	-1.214011E-02	-6.102338E-04	-1.078004E-03
62226	G	3.131175E-02	-1.709004E-01	-6.569302E-02	-1.213958E-02	-6.066002E-04	-1.070226E-03
62229	G	3.249448E-02	-1.948103E-01	-6.569344E-02	-1.213665E-02	-5.922245E-04	-1.069777E-03
62231	G	3.113374E-02	-1.852094E-01	-5.579832E-02	-1.213356E-02	-5.760961E-04	-1.075838E-03
62239	G	3.249561E-02	-2.127523E-01	-5.579867E-02	-1.212664E-02	-5.944131E-04	-1.087965E-03
62811	G	3.154935E-02	-3.991962E-02	-1.417277E-01	0.0	0.0	0.0
62819	G	3.714353E-02	-1.530343E-01	-1.417281E-01	0.0	0.0	0.0
62821	G	3.280992E-02	-7.638294E-02	-1.355830E-01	0.0	0.0	0.0
62829	G	3.830963E-02	-1.875512E-01	-1.355830E-01	0.0	0.0	0.0
62831	G	3.703702E-02	-1.784127E-01	-1.262997E-01	0.0	0.0	0.0
62839	G	3.835778E-02	-2.051088E-01	-1.262997E-01	0.0	0.0	0.0
63411	G	3.798470E-02	-4.138989E-02	-2.137247E-01	0.0	0.0	0.0
63419	G	4.312590E-02	-1.452795E-01	-2.137244E-01	0.0	0.0	0.0
63421	G	3.926613E-02	-7.754141E-02	-2.077532E-01	0.0	0.0	0.0
63429	G	4.432148E-02	-1.800937E-01	-2.077530E-01	0.0	0.0	0.0
63431	G	4.312643E-02	-1.713724E-01	-1.991149E-01	0.0	0.0	0.0
63439	G	4.440590E-02	-1.972216E-01	-1.991149E-01	0.0	0.0	0.0
64211	G	4.710348E-02	-4.346082E-02	-3.157257E-01	0.0	0.0	0.0
64219	G	5.160327E-02	-1.343633E-01	-3.157256E-01	0.0	0.0	0.0
64221	G	4.836521E-02	-7.917207E-02	-3.099998E-01	0.0	0.0	0.0
64229	G	5.284103E-02	-1.695885E-01	-3.099997E-01	-1.213659E-02	-6.008206E-04	-3.696180E-03
64231	G	5.175370E-02	-1.614197E-01	-3.022733E-01	0.0	0.0	0.0
64239	G	5.297331E-02	-1.860565E-01	-3.022733E-01	0.0	0.0	0.0
65011	G	5.595472E-02	-4.546722E-02	-4.147281E-01	0.0	0.0	0.0
65019	G	5.983010E-02	-1.237475E-01	-4.147281E-01	0.0	0.0	0.0
65021	G	5.721653E-02	-8.076000E-02	-4.092363E-01	0.0	0.0	0.0
65029	G	6.110394E-02	-1.592827E-01	-4.092363E-01	0.0	0.0	0.0
65031	G	6.012461E-02	-1.517106E-01	-4.023987E-01	0.0	0.0	0.0
65079	G	6.129023E-02	-1.752551E-01	-4.023987E-01	0.0	0.0	0.0
65911	G	6.480610E-02	-4.748428E-02	-5.137244E-01	0.0	0.0	0.0
65919	G	6.805676E-02	-1.131424E-01	-5.137244E-01	0.0	0.0	0.0
65921	G	6.606799E-02	-8.234787E-02	-5.084729E-01	0.0	0.0	0.0
65929	G	6.937271E-02	-1.490984E-01	-5.084729E-01	-1.213657E-02	-6.008865E-04	-4.114073E-03
65931	G	6.849545E-02	-1.420013E-01	-5.025244E-01	0.0	0.0	0.0
65939	G	6.960708E-02	-1.644537E-01	-5.025244E-01	0.0	0.0	0.0
71912	G	-1.932164E-02	-4.326413E-02	4.297738E-01	-1.213500E-02	-5.935279E-04	-1.085997E-03
71913	G	-1.855777E-02	-5.888188E-02	4.297738E-01	-1.213500E-02	-5.935279E-04	-1.083307E-03
71914	G	-1.784969E-02	-7.335889E-02	4.297738E-01	-1.213500E-02	-5.935279E-04	-1.087052E-03
71916	G	-1.507403E-02	-1.307517E-01	4.297731E-01	-1.213537E-02	-5.818720E-04	-1.079010E-03
71917	G	-1.449157E-02	-1.428993E-01	4.297731E-01	-1.213537E-02	-5.818720E-04	-1.046839E-03
71918	G	-1.379972E-02	-1.573282E-01	4.297731E-01	-1.213537E-02	-5.818720E-04	-1.081169E-03
71922	G	-1.779696E-02	-8.572954E-02	4.361785E-01	-1.213864E-02	-6.010490E-04	-1.076414E-03
71923	G	-1.726804E-02	-9.641153E-02	4.361785E-01	-1.213864E-02	-6.010490E-04	-1.087507E-03
71924	G	-1.678118E-02	-1.062438E-01	4.361785E-01	-1.213864E-02	-6.010490E-04	-1.079299E-03
71926	G	-1.361999E-02	-1.703210E-01	4.361774E-01	-1.213837E-02	-6.011690E-04	-1.069991E-03
71927	G	-1.321119E-02	-1.785752E-01	4.361774E-01	-1.213838E-02	-6.011690E-04	-1.086592E-03

71928	G	-1.259800E-02	-1.900953E-01	4.361774E-01	-1.213837E-02	-6.011690E-04	-1.068212E-03
71934	G	-1.313667E-02	-1.964961E-01	4.465399E-01	-1.213114E-02	-6.194767E-04	-1.088094E-03
71935	G	-1.276321E-02	-2.042631E-01	4.465399E-01	-1.213114E-02	-6.194769E-04	-1.090103E-03
71936	G	-1.232657E-02	-2.127519E-01	4.465399E-01	-1.213114E-02	-6.194767E-04	-1.097034E-03
72211	G	-2.285637E-02	-3.853035E-02	4.665913E-01	0.0	0.0	0.0
72213	G	-2.130508E-02	-5.961650E-02	4.665813E-01	-1.213586E-02	-5.901481E-04	-1.088036E-03
72217	G	-1.764069E-02	-1.436129E-01	4.665819E-01	-1.214060E-02	-5.756065E-04	-1.055412E-03
72219	G	-1.679768E-02	-1.634799E-01	4.665917E-01	0.0	0.0	0.0
72221	G	-2.159029E-02	-7.526737E-02	4.729270E-01	-1.213478E-02	-6.218797E-04	-1.074525E-03
72224	G	-2.001895E-02	-1.368246E-01	4.729275E-01	-1.214082E-02	-5.933537E-04	-1.078816E-03
72226	G	-1.663006E-02	-1.709032E-01	4.729291E-01	-1.214002E-02	-5.996947E-04	-1.070328E-03
72229	G	-1.563869E-02	-1.948103E-01	4.729295E-01	-1.213689E-02	-6.123766E-04	-1.069738E-03
72231	G	-1.698711E-02	-1.852108E-01	4.829203E-01	-1.213303E-02	-6.362274E-04	-1.076767E-03
72239	G	-1.561316E-02	-2.127528E-01	4.829207E-01	-1.212570E-02	-6.124934E-04	-1.092519E-03
72811	G	-2.909389E-02	-3.992003E-02	5.378698E-01	0.0	0.0	0.0
72819	G	-2.345697E-02	-1.530334E-01	5.378403E-01	0.0	0.0	0.0
72821	G	-2.782403E-02	-7.638817E-02	5.440724E-01	0.0	0.0	0.0
72829	G	-2.229538E-02	-1.875511E-01	5.440723E-01	0.0	0.0	0.0
72831	G	-2.356740E-02	-1.784141E-01	5.534194E-01	0.0	0.0	0.0
72839	G	-2.228696E-02	-2.051097E-01	5.534194E-01	0.0	0.0	0.0
73411	G	-3.552964E-02	-4.134022E-02	6.115370E-01	0.0	0.0	0.0
73419	G	-3.035570E-02	-1.452789E-01	6.115368E-01	0.0	0.0	0.0
73421	G	-3.426054E-02	-7.754163E-02	6.175436E-01	0.0	0.0	0.0
73429	G	-2.915324E-02	-1.800936E-01	6.175435E-01	0.0	0.0	0.0
73431	G	-3.035622E-02	-1.713736E-01	6.262336E-01	0.0	0.0	0.0
73439	G	-2.936883E-02	-1.972227E-01	6.262336E-01	0.0	0.0	0.0
74211	G	-4.464906E-02	-4.346113E-02	7.158633E-01	0.0	0.0	0.0
74219	G	-4.312305E-02	-1.343629E-01	7.158629E-01	0.0	0.0	0.0
74221	G	-4.338020E-02	-7.917267E-02	7.216213E-01	0.0	0.0	0.0
74229	G	-4.357842E-02	-1.695885E-01	7.216212E-01	-1.213651E-02	-6.342187E-04	-1.090221E-03
74231	G	-3.997225E-02	-1.514 2.0E-01	7.293916E-01	0.0	0.0	0.0
74239	G	-3.874561E-02	-1.860576E-01	7.293916E-01	0.0	0.0	0.0
75011	G	-5.350091E-02	-4.546760E-02	8.171182E-01	0.0	0.0	0.0
75019	G	-4.960371E-02	-1.237473E-01	8.171182E-01	0.0	0.0	0.0
75021	G	-5.223214E-02	-8.076078E-02	8.226406E-01	0.0	0.0	0.0
75029	G	-4.832286E-02	-1.592830E-01	8.226406E-01	0.0	0.0	0.0
75031	G	-4.930776E-02	-1.517118E-01	8.295165E-01	0.0	0.0	0.0
75039	G	-4.813560E-02	-1.752563E-01	8.295165E-01	0.0	0.0	0.0
75911	G	-6.235294E-02	-4.748477E-02	9.183794E-01	0.0	0.0	0.0
75919	G	-5.938424E-02	-1.131425E-01	9.183794E-01	0.0	0.0	0.0
75921	G	-6.108421E-02	-8.234876E-02	9.236600E-01	0.0	0.0	0.0
75929	G	-5.776112E-02	-1.490989E-01	9.236600E-01	-1.213650E-02	-6.042379E-04	-1.114121E-03
75931	G	-5.864330E-02	-1.420026E-01	9.296416E-01	0.0	0.0	0.0
75939	G	-5.752553E-02	-1.644549E-01	9.296416E-01	0.0	0.0	0.0
122400	G	-1.054033E-03	1.944064E-01	1.929656E-01	-1.327262E-02	-2.055207E-03	-3.888546E-04
123467	G	-1.154755E-02	-1.135711E-01	3.909209E-01	0.0	0.0	0.0
123487	G	3.990363E-03	1.341213E-01	3.394111E-01	0.0	0.0	0.0
124800	G	-1.054033E-03	1.851128E-01	2.420851E-01	-1.327262E-02	-2.055207E-03	-3.888546E-04
125063	G	1.649361E-02	-1.304134E-01	7.731795E-02	0.0	0.0	0.0
125065	G	3.372675E-04	-1.304136E-01	2.587491E-01	0.0	0.0	0.0
125067	G	-1.163078E-02	-1.804135E-01	4.319796E-01	0.0	0.0	0.0
125383	G	1.493868E-02	1.092195E-01	9.733003E-02	0.0	0.0	0.0
125387	G	5.815372E-03	1.092195E-01	4.087322E-01	0.0	0.0	0.0
126963	G	1.351191E-02	-1.559459E-01	1.249609E-01	0.0	0.0	0.0
126867	G	-8.070554E-03	-1.559459E-01	3.675504E-01	0.0	0.0	0.0
127200	G	-1.054033E-03	1.754692E-01	2.930542E-01	-1.327262E-02	-2.055207E-03	-3.888546E-04
189073	G	7.580955E-03	9.809190E-02	4.888188E-02	-1.213849E-02	-6.027317E-04	-1.072021E-03
189077	G	-1.895157E-02	9.809190E-02	3.493094E-01	-1.213849E-02	-6.027317E-04	-1.072021E-03
200070	G	-1.122623E-03	-4.381042E-03	2.051591E-01	-1.213849E-02	-6.027317E-04	-1.072021E-03
200078	G	-5.665 07E-03	8.730739E-02	2.051591E-01	-1.213849E-02	-6.027317E-04	-1.072021E-03
200079	G	-6.577346E-03	1.352723E-01	2.051591E-01	-1.213849E-02	-6.027315E-04	-1.072021E-03
200086	G	-1.341702E-02	1.926693E-01	2.051591E-01	-1.213849E-02	-6.027322E-04	-1.072021E-03
200087	G	-1.341701E-02	1.926693E-01	2.051591E-01	-1.213849E-02	-6.027315E-04	-1.072021E-03
200095	G	-1.619092E-02	2.988611E-01	2.051591E-01	-1.213849E-02	-6.027312E-04	-1.072021E-03
200096	G	-1.619092E-02	2.988611E-01	2.051591E-01	-1.213848E-02	-6.027324E-04	-1.072021E-03
200101	G	-1.961143E-02	3.577670E-01	2.051591E-01	-1.213847E-02	-6.027319E-04	-1.072021E-03

200106	G	-2.282098E-02	4.324043E-01	2.051591E-01	-1.213847E-02	-6.027326E-04	-1.072021E-03
200114	G	-2.764283E-02	5.295121E-01	2.051591E-01	-1.213848E-02	-6.027322E-04	-1.072021E-03
200121	G	-3.186196E-02	6.144816E-01	2.051591E-01	-1.213849E-02	-6.027322E-04	-1.072021E-03
200129	G	-3.668382E-02	7.115895E-01	2.051592E-01	-1.213848E-02	-6.027324E-04	-1.072021E-03
200137	G	-4.150568E-02	8.086973E-01	2.051591E-01	-1.213848E-02	-6.027319E-04	-1.072021E-03
200145	G	-4.632753E-02	9.058052E-01	2.051591E-01	-1.213849E-02	-6.027315E-04	-1.072021E-03
200153	G	-5.100474E-02	1.000000E 00	2.051591E-01	-1.213849E-02	-6.027315E-04	-1.072021E-03
200155	G	-5.233677E-02	1.026826E 00	2.051591E-01	-1.213849E-02	-6.027315E-04	-1.072021E-03
211001	G	-6.073736E-03	-6.692891E-01	6.358441E-01	-1.212883E-02	-6.067383E-04	-1.070023E-03
211002	G	7.920992E-02	-6.692815E-01	-3.336742E-01	-1.212883E-02	-5.979002E-04	-1.070231E-03
211073	G	7.580955E-03	7.474327E-02	6.200938E-02	-1.213849E-02	-6.027317E-04	-1.072021E-03
211077	G	-1.895157E-02	7.474327E-02	3.624369E-01	-1.213849E-02	-6.027317E-04	-1.072021E-03
214075	G	-5.685307E-03	7.176304E-02	2.138987E-01	-1.213849E-02	-6.027317E-04	-1.072021E-03
214901	G	-6.073736E-03	-7.114801E-01	6.597677E-01	-1.212883E-02	-6.067383E-04	-1.070023E-03
214902	G	7.920992E-02	-7.114807E-01	-3.100790E-01	-1.212883E-02	-5.979002E-04	-1.070231E-03
215101	G	-5.562644E-03	-4.876910E-01	5.277131E-01	-1.212444E-02	-6.014812E-04	-1.068001E-03
215102	G	5.622522E-02	-4.876922E-01	-1.753696E-01	-1.212443E-02	-6.035273E-04	-1.068276E-03
215201	G	8.356542E-03	-4.357163E-01	3.401655E-01	-1.212168E-02	-6.016882E-04	-1.064561E-03
215202	G	3.787061E-02	-4.357178E-01	1.290084E-02	-1.212167E-02	-6.033643E-04	-1.064713E-03
222001	G	-6.073519E-03	-7.871099E-01	7.030560E-01	-1.213746E-02	-6.142692E-04	-1.068697E-03
222002	G	7.921159E-02	-7.871107E-01	-2.682089E-01	-1.213748E-02	-5.892934E-04	-1.068499E-03
222201	G	-5.742688E-03	-5.631766E-01	5.704363E-01	-1.214075E-02	-6.103951E-04	-1.070738E-03
222202	G	5.643851E-02	-5.631767E-01	-1.333213E-01	-1.214074E-02	-5.928625E-04	-1.070512E-03
222301	G	7.832717E-03	-5.031325E-01	3.831166E-01	-1.214284E-02	-6.056528E-04	-1.073689E-03
222302	G	3.684980E-02	-5.031326E-01	5.524415E-02	-1.214283E-02	-5.975643E-04	-1.073568E-03
223401	G	-6.073519E-03	-8.026595E-01	7.119936E-01	-1.213746E-02	-6.142692E-04	-1.068697E-03
223402	G	7.921159E-02	-8.026573E-01	-2.596347E-01	-1.213748E-02	-5.892934E-04	-1.068499E-03
520018	G	-2.825246E-02	2.353840E-01	3.783495E-01	-1.214219E-02	-6.020050E-04	-1.080027E-03
520024	G	-2.758284E-02	2.353840E-01	3.688214E-01	-1.214224E-02	-6.020050E-04	-1.080019E-03
520057	G	-2.405118E-02	2.353840E-01	3.791165E-01	-1.214219E-02	-6.020050E-04	-1.080022E-03
520065	G	-2.323036E-02	2.353840E-01	3.788884E-01	-1.214222E-02	-6.020050E-04	-1.080023E-03
520068	G	-2.283075E-02	2.353840E-01	3.153957E-01	-1.214223E-02	-6.020050E-04	-1.080023E-03
520079	G	-2.166433E-02	2.353840E-01	3.022822E-01	-1.214223E-02	-6.020050E-04	-1.080021E-03
520135	G	-1.564862E-02	2.353840E-01	2.346500E-01	-1.214220E-02	-6.020050E-04	-1.080021E-03
520139	G	-1.520581E-02	2.353840E-01	2.296717E-01	-1.214219E-02	-6.020050E-04	-1.080022E-03
520152	G	-1.379024E-02	2.353841E-01	2.137654E-01	-1.214219E-02	-6.020050E-04	-1.080025E-03
520185	G	-1.022907E-02	2.353841E-01	1.737206E-01	-1.214219E-02	-6.020050E-04	-1.080025E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 0.0

REAL EIGENVECTOR NO. 6

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	2.441797E-02	3.4164525E-02	2.8246-1E-01	0.0	0.0	0.0
3339	G	2.930710E-02	3.4164564E-02	2.2718533E-01	0.0	0.0	0.0
3341	G	1.360076E-02	-6.736435E-03	2.940292E-01	0.0	0.0	0.0
3349	G	2.052950E-02	-6.736368E-03	2.156202E-01	0.0	0.0	0.0
4631	G	2.114527E-02	4.0650046E-02	3.370345E-01	0.0	0.0	0.0
4633	G	2.722249E-02	6.0956726E-02	3.235533E-01	0.0	0.0	0.0
4637	G	3.625256E-02	6.0956766E-02	2.212313E-01	0.0	0.0	0.0
4639	G	3.257979E-02	4.0650156E-02	2.077530E-01	0.0	0.0	0.0
4641	G	1.070645E-02	-1.091459E-03	3.419985E-01	0.0	0.0	0.0
4649	G	2.301029E-02	-1.0909826E-03	2.027861E-01	0.0	0.0	0.0
4661	G	1.215711E-03	-4.621773E-02	3.271071E-01	0.0	0.0	0.0
4669	G	1.088842E-02	-4.621766E-02	2.176775E-01	0.0	0.0	0.0
6123	G	3.361555E-02	9.727430E-02	3.494020E-01	0.0	0.0	0.0
6127	G	4.359791E-02	9.7274666-02	2.366031E-01	0.0	0.0	0.0
6131	G	2.483286E-02	6.856585E-02	3.739488E-01	0.0	0.0	0.0
6133	G	2.673886E-02	6.9565916-02	3.494017E-01	0.0	0.0	0.0
6137	G	3.671611E-02	6.8565496-02	2.366036E-01	0.0	0.0	0.0
6139	G	3.862117E-02	6.856525E-02	2.153539E-01	0.0	0.0	0.0
6141	G	1.344643E-02	2.293707E-02	3.750107E-01	0.0	0.0	0.0
6143	G	1.571131E-02	2.2537056-02	3.494013E-01	0.0	0.0	0.0
6147	G	2.569158E-02	2.252668E-02	2.366044E-01	0.0	0.0	0.0
6149	G	2.795195E-02	2.252662E-02	2.1099046-01	0.0	0.0	0.0
6161	G	5.295228E-03	-1.040629E-02	3.779443E-01	0.0	0.0	0.0
6163	G	7.814634E-03	-1.040638E-02	3.494007E-01	0.0	0.0	0.0
6167	G	1.730121E-02	-1.042292E-02	2.366039E-01	0.0	0.0	0.0
6169	G	2.031741E-02	-1.042296E-02	2.330574E-01	0.0	0.0	0.0
6171	G	-4.904895E-03	-6.718838E-02	3.395391E-01	0.0	0.0	0.0
6179	G	2.063347E-03	-6.718922E-02	2.267102E-01	0.0	0.0	0.0
7031	G	2.422680E-02	7.332540E-02	0.0	0.0	0.0	0.0
7033	G	2.673915E-02	7.332540E-02	3.622718E-01	0.0	0.0	0.0
7037	G	3.671574E-02	7.332540E-02	2.494953E-01	0.0	0.0	0.0
7039	G	3.923029E-02	7.332540E-02	0.0	0.0	0.0	0.0
7043	G	1.541375E-02	0.0	3.622918E-01	0.0	0.0	0.0
7047	G	2.539442E-02	0.0	2.494993E-01	0.0	0.0	0.0
7061	G	4.411414E-03	-7.790215E-03	3.950226E-01	0.0	0.0	0.0
7063	G	7.305585E-03	-7.790215E-03	3.622916E-01	0.0	0.0	0.0
7067	G	1.728792E-02	-7.827587E-03	2.494354E-01	0.0	0.0	0.0
7069	G	2.018035E-02	-7.827584E-03	2.166424E-01	0.0	0.0	0.0
7071	G	7.594121E-02	0.0	3.894114E-01	0.0	0.0	0.0
7079	G	5.994666E-02	0.0	2.088969E-01	0.0	0.0	0.0
7505	G	5.197775E-02	1.002725E-01	3.122593E-01	5.639840E-03	-1.351353E-03	4.988294E-04
8300	G	-7.044021E-04	-5.594096E-02	3.223952E-01	0.0	0.0	0.0
8531	G	2.329798E-02	8.054334E-02	0.0	0.0	0.0	0.0
8533	G	2.673915E-02	8.054346E-02	3.818454E-01	0.0	0.0	0.0
8537	G	3.671574E-02	8.054346E-02	2.690492E-01	0.0	0.0	0.0
8539	G	4.015730E-02	8.054364E-02	0.0	0.0	0.0	0.0
8543	G	1.495397E-02	0.0	3.818461E-01	0.0	0.0	0.0
8547	G	2.493468E-02	0.0	2.690492E-01	0.0	0.0	0.0
8561	G	3.065862E-03	-3.843370E-03	4.239224E-01	0.0	0.0	0.0
8563	G	6.519221E-03	-3.843372E-03	3.818460E-01	0.0	0.0	0.0
8567	G	1.650459E-02	-3.876124E-03	2.690492E-01	0.0	0.0	0.0
8569	G	1.997965E-02	-3.876124E-03	2.299002E-01	0.0	0.0	0.0
8571	G	7.592928E-02	0.0	4.145075E-01	0.0	0.0	0.0
8579	G	5.992610E-02	0.0	2.226142E-01	0.0	0.0	0.0
9303	G	5.945994E-02	2.210762E-01	3.923122E-01	0.0	0.0	0.0
9307	G	6.957352E-02	2.210763E-01	2.794977E-01	0.0	0.0	0.0

9313	G	[illegible]	1.915696E-01	3.923118E-01	0.0	0.0	0.0
9317	G	[illegible]	1.915699E-01	2.794981E-01	0.0	0.0	0.0
9331	G	[illegible]	[illegible]	4.367927E-01	0.0	0.0	0.0
9333	G	[illegible]	[illegible]	3.923355E-01	0.0	0.0	0.0
9337	G	[illegible]	[illegible]	2.795065E-01	0.0	0.0	0.0
9339	G	[illegible]	[illegible]	2.350339E-01	0.0	0.0	0.0
9341	G	0.0	[illegible]	4.283516E-01	0.0	0.0	0.0
9343	G	[illegible]	[illegible]	3.955640E-01	0.0	0.0	0.0
9347	G	[illegible]	[illegible]	2.827653E-01	0.0	0.0	0.0
9349	G	0.0	1.483562E-02	2.369892E-01	0.0	0.0	0.0
9361	G	1.957190E-03	-6.280760E-04	4.421708E-01	0.0	0.0	0.0
9363	G	[illegible]	-6.270150E-04	3.979062E-01	0.0	0.0	0.0
9367	G	1.585772E-02	-6.162375E-04	2.851028E-01	0.0	0.0	0.0
9369	G	1.980731E-02	-6.153339E-04	2.408979E-01	0.0	0.0	0.0
9371	G	-5.771033E-03	-3.252612E-02	4.431917E-01	0.0	0.0	0.0
9373	G	0.0	-3.252119E-02	3.858918E-01	0.0	0.0	0.0
9377	G	0.0	-3.249735E-02	2.795081E-01	0.0	0.0	0.0
9379	G	1.180431E-02	-3.249400E-02	2.440872E-01	0.0	0.0	0.0
11300	G	3.889023E-02	1.455033E-01	4.202035E-01	0.0	0.0	0.0
11503	G	5.241020E-02	2.329728E-01	0.0	0.0	0.0	0.0
11507	G	6.249620E-02	2.329728E-01	0.0	0.0	0.0	0.0
11531	G	2.280900E-02	9.568316E-02	0.0	0.0	0.0	0.0
11533	G	2.675075E-02	9.568617E-02	4.228114E-01	0.0	0.0	0.0
11537	G	3.670795E-02	9.567946E-02	3.099983E-01	0.0	0.0	0.0
11539	G	4.065238E-02	9.567714E-02	0.0	0.0	0.0	0.0
11543	G	1.457368E-02	4.485987E-02	4.228128E-01	0.0	0.0	0.0
11547	G	2.455446E-02	4.485987E-02	3.099970E-01	0.0	0.0	0.0
11561	G	9.223628E-04	4.410949E-03	4.675412E-01	0.0	0.0	0.0
11563	G	4.859187E-03	4.410949E-03	4.228138E-01	0.0	0.0	0.0
11567	G	1.488337E-02	4.550215E-03	3.099959E-01	0.0	0.0	0.0
11569	G	1.883006E-02	4.550222E-03	2.656683E-01	0.0	0.0	0.0
11571	G	7.832652E-02	0.0	4.587636E-01	0.0	0.0	0.0
11579	G	5.786330E-02	0.0	2.574403E-01	0.0	0.0	0.0
11700	G	4.893789E-02	1.522505E-01	3.260304E-01	0.0	0.0	0.0
13500	G	-1.152122E-02	-7.547480E-02	3.926638E-01	0.0	0.0	0.0
13801	G	4.826270E-02	2.090102E-01	4.870110E-01	0.0	0.0	0.0
13803	G	5.241483E-02	2.146525E-01	4.541737E-01	0.0	0.0	0.0
13807	G	6.249159E-02	2.146582E-01	3.410793E-01	0.0	0.0	0.0
13809	G	6.395274E-02	2.090220E-01	3.081994E-01	0.0	0.0	0.0
13821	G	3.669678E-02	1.639806E-01	4.975799E-01	0.0	0.0	0.0
13823	G	4.048505E-02	1.639830E-01	4.541618E-01	0.0	0.0	0.0
13827	G	5.012856E-02	1.639885E-01	3.411042E-01	0.0	0.0	0.0
13829	G	5.389975E-02	1.639850E-01	2.976053E-01	0.0	0.0	0.0
13831	G	2.280963E-02	1.072387E-01	4.990379E-01	0.0	0.0	0.0
13833	G	2.680252E-02	1.072361E-01	4.541339E-01	0.0	0.0	0.0
13837	G	3.666365E-02	1.072208E-01	3.411440E-01	0.0	0.0	0.0
13839	G	4.069058E-02	1.072120E-01	2.960535E-01	0.0	0.0	0.0
13841	G	0.0	5.639022E-02	4.992829E-01	0.0	0.0	0.0
13843	G	1.454011E-02	5.638516E-02	4.541317E-01	0.0	0.0	0.0
13847	G	2.458627E-02	5.638109E-02	3.411542E-01	0.0	0.0	0.0
13848	G	2.458701E-02	5.426824E-02	3.365726E-01	0.0	0.0	0.0
13849	G	0.0	5.425572E-02	2.620487E-01	0.0	0.0	0.0
13861	G	-3.900579E-04	1.069703E-02	4.993297E-01	0.0	0.0	0.0
13863	G	3.578858E-03	1.069660E-02	4.541339E-01	0.0	0.0	0.0
13867	G	1.400497E-02	9.064808E-03	3.324630E-01	0.0	0.0	0.0
13869	G	1.789912E-02	9.061385E-03	2.878515E-01	0.0	0.0	0.0
13871	G	-1.644416E-02	0.0	4.987733E-01	0.0	0.0	0.0
13879	G	1.053059E-01	0.0	2.625005E-01	0.0	0.0	0.0
14801	G	4.826270E-02	2.137823E-01	5.001455E-01	0.0	0.0	0.0
14803	G	5.237849E-02	2.194187E-01	4.673517E-01	0.0	0.0	0.0
14807	G	6.252778E-02	2.194208E-01	3.544515E-01	0.0	0.0	0.0
14809	G	6.395274E-02	2.137848E-01	3.216599E-01	0.0	0.0	0.0
14821	G	3.671258E-02	1.688215E-01	5.106590E-01	0.0	0.0	0.0
14823	G	4.053347E-02	1.688352E-01	4.673517E-01	0.0	0.0	0.0
14827	G	5.007963E-02	1.688367E-01	3.544515E-01	0.0	0.0	0.0
14829	G	5.389133E-02	1.688244E-01	3.111508E-01	0.0	0.0	0.0

14831	G	2.281165E-02	1.121644E-01	5.122436E-01	0.0	0.0	0.0
14833	G	2.682349E-02	1.121714E-01	4.674265E-01	0.0	0.0	0.0
14837	G	3.664242E-02	1.121731E-01	3.543656E-01	0.0	0.0	0.0
14839	G	4.068489E-02	1.121679E-01	3.095460E-01	0.0	0.0	0.0
14841	G	0.0	6.129359E-02	5.125530E-01	0.0	0.0	0.0
14843	G	1.449978E-02	6.129218E-02	4.674273E-01	0.0	0.0	0.0
14847	G	2.462661E-02	6.129105E-02	3.543913E-01	0.0	0.0	0.0
14849	G	0.0	6.129577E-02	3.093025E-01	0.0	0.0	0.0
14861	G	-9.344094E-04	1.331480E-02	5.125639E-01	0.0	0.0	0.0
14863	G	3.027079E-03	1.331434E-02	4.674258E-01	0.0	0.0	0.0
14867	G	1.313475E-02	1.332473E-02	3.543957E-01	0.0	0.0	0.0
14869	G	1.705695E-02	1.332966E-02	3.093296E-01	0.0	0.0	0.0
14881	G	-1.974834E-02	-6.436759E-02	5.156727E-01	0.0	0.0	0.0
14883	G	-1.545228E-02	-6.436807E-02	4.725121E-01	0.0	0.0	0.0
14887	G	-5.922511E-03	-6.435972E-02	3.595180E-01	0.0	0.0	0.0
14889	G	-2.101909E-03	-6.435513E-02	3.164381E-01	0.0	0.0	0.0
15214	G	4.626218E-02	2.025086E-01	4.923069E-01	5.639277E-03	-1.322515E-03	4.873667E-04
15218	G	5.959729E-02	2.025095E-01	3.491958E-01	5.639259E-03	-1.347754E-03	4.873305E-04
15601	G	4.660835E-02	2.118596E-01	5.142817E-01	0.0	0.0	0.0
15603	G	5.237849E-02	2.232738E-01	4.777969E-01	0.0	0.0	0.0
15607	G	6.252778E-02	2.232732E-01	3.654287E-01	0.0	0.0	0.0
15609	G	6.267259E-02	2.118592E-01	3.289416E-01	0.0	0.0	0.0
15621	G	3.671837E-02	1.726996E-01	5.213146E-01	0.0	0.0	0.0
15623	G	3.971956E-02	1.726903E-01	4.872144E-01	0.0	0.0	0.0
15625	G	4.530689E-02	1.727230E-01	4.216123E-01	0.0	0.0	0.0
15627	G	5.089297E-02	1.726891E-01	3.560111E-01	0.0	0.0	0.0
15629	G	5.369064E-02	1.726961E-01	3.219382E-01	0.0	0.0	0.0
15633	G	4.830689E-02	0.0	4.871113E-01	0.0	0.0	0.0
15637	G	1.425663E-02	0.0	3.560892E-01	0.0	0.0	0.0
16481	G	-1.976759E-02	-5.851534E-02	5.314916E-01	0.0	0.0	0.0
16483	G	-1.712077E-02	-5.851527E-02	0.0	0.0	0.0	0.0
16485	G	-1.093707E-02	-5.850943E-02	0.0	0.0	0.0	0.0
16487	G	-4.757591E-03	-5.851103E-02	0.0	0.0	0.0	0.0
16489	G	-2.126580E-03	-5.851046E-02	3.322411E-01	0.0	0.0	0.0
17103	G	2.226112E-02	8.264881E-02	4.396432E-01	0.0	0.0	0.0
18601	G	4.700524E-02	2.266502E-01	5.503554E-01	0.0	0.0	0.0
18603	G	5.283819E-02	2.379342E-01	5.144491E-01	0.0	0.0	0.0
18607	G	6.234397E-02	2.379375E-01	4.394799E-01	0.0	0.0	0.0
18609	G	6.246676E-02	2.266501E-01	3.739306E-01	0.0	0.0	0.0
18621	G	3.671050E-02	1.872793E-01	5.601401E-01	0.0	0.0	0.0
18623	G	4.035585E-02	1.872970E-01	5.183306E-01	0.0	0.0	0.0
18625	G	4.530504E-02	1.872990E-01	4.619337E-01	0.0	0.0	0.0
18627	G	5.025658E-02	1.872976E-01	4.055517E-01	0.0	0.0	0.0
18629	G	5.390366E-02	1.873002E-01	3.638325E-01	0.0	0.0	0.0
18631	G	2.297577E-02	1.306721E-01	5.618216E-01	0.0	0.0	0.0
18633	G	0.0	1.306716E-01	5.183867E-01	0.0	0.0	0.0
18635	G	0.0	1.306729E-01	4.619426E-01	0.0	0.0	0.0
18637	G	0.0	1.306719E-01	4.055793E-01	0.0	0.0	0.0
18639	G	4.049658E-02	1.306713E-01	3.621463E-01	0.0	0.0	0.0
18641	G	8.920792E-03	7.308751E-02	5.626584E-01	5.639341E-03	-1.345123E-03	5.044292E-04
18642	G	9.930383E-03	7.308823E-02	5.513795E-01	5.639642E-03	-1.345463E-03	5.051773E-04
18643	G	1.168663E-02	7.308912E-02	5.317816E-01	0.0	-1.345802E-03	5.056188E-04
18644	G	1.502721E-02	7.309133E-02	4.996401E-01	0.0	0.0	5.045254E-04
18645	G	1.797338E-02	7.309198E-02	4.619819E-01	0.0	0.0	5.087941E-04
18646	G	2.091492E-02	7.309133E-02	4.293232E-01	0.0	0.0	5.069228E-04
18647	G	2.423895E-02	7.308894E-02	3.921803E-01	0.0	-1.363055E-03	5.021936E-04
18648	G	2.598293E-02	7.308835E-02	3.725821E-01	5.639721E-03	-1.363015E-03	5.015444E-04
18649	G	2.698443E-02	7.308728E-02	3.613341E-01	5.639467E-03	-1.362972E-03	5.003724E-04
18651	G	5.974.40E-03	6.373731E-02	5.626581E-01	5.639464E-03	-1.345436E-03	5.036243E-04
18652	G	6.982993E-03	6.373801E-02	5.513796E-01	5.639344E-03	-1.346762E-03	5.045335E-04
18653	G	2.300053E-02	6.373760E-02	3.725819E-01	5.639367E-03	-1.361220E-03	5.005754E-04
18654	G	2.400041E-02	6.373742E-02	3.613033E-01	5.639555E-03	-1.362328E-03	4.991556E-04
18656	G	-3.916351E-04	3.406537E-02	5.626583E-01	5.639501E-03	-1.346359E-03	5.043438E-04
18657	G	6.163400E-04	3.406525E-02	5.513796E-01	5.639691E-03	-1.346367E-03	5.037123E-04
18659	G	1.636039E-02	3.406399E-02	3.725816E-01	5.639773E-03	-1.360852E-03	4.998296E-04
18659	G	1.756103E-02	3.406403E-02	3.613020E-01	5.639777E-03	-1.360805E-03	5.009656E-04

18661	G	-3.735997E-03	2.007939E-02	5.626590E-01	5.639426E-03	-1.348443E-03	5.044024E-04
18662	G	-2.726989E-03	2.007921E-02	5.513797E-01	5.639743E-03	-1.348472E-03	5.045638E-04
18663	G	-9.737476E-04	2.007898E-02	5.317817E-01	5.639724E-03	-1.348501E-03	5.044555E-04
18664	G	2.342952E-03	2.007832E-02	4.946401E-01	0.0	0.0	5.029622E-04
18665	G	5.251426E-03	2.007793E-02	4.619817E-01	0.0	0.0	5.017568E-04
18666	G	8.154042E-03	2.007770E-02	4.293228E-01	0.0	0.0	5.009386E-04
18667	G	1.145127E-02	2.007769E-02	3.921796E-01	5.639784E-03	-1.355011E-03	5.005661E-04
18668	G	1.319071E-02	2.007772E-02	3.725811E-01	5.639929E-03	-1.356428E-03	5.005477E-04
18669	G	1.419177E-02	2.007775E-02	3.613014E-01	5.639389E-03	-1.357849E-03	5.005242E-04
18681	G	-1.975008E-02	-4.742845E-02	5.615310E-01	0.0	0.0	0.0
18683	G	-1.711628E-02	-4.742854E-02	5.317916E-01	5.639724E-03	-1.348705E-03	4.989826E-04
18685	G	-1.093917E-02	-4.742906E-02	4.619814E-01	0.0	0.0	0.0
18687	G	-4.766449E-03	-4.743054E-02	3.921793E-01	5.639784E-03	-1.354747E-03	4.989824E-04
18689	G	-2.149652E-03	-4.743068E-02	3.624281E-01	0.0	0.0	0.0
18983	G	-1.711599E-02	-4.558925E-02	5.367646E-01	0.0	-1.351911E-03	4.979915E-04
18987	G	-4.766829E-03	-4.559117E-02	3.971749E-01	0.0	-1.352998E-03	4.980257E-04
19741	G	1.011210E-02	8.295631E-02	5.763782E-01	5.640063E-03	-1.350923E-03	5.035619E-04
19742	G	1.482440E-02	8.656526E-02	5.332913E-01	5.639441E-03	-1.351224E-03	5.036460E-04
19743	G	1.591749E-02	8.656514E-02	5.210535E-01	0.0	-1.351609E-03	5.037985E-04
19745	G	1.990863E-02	8.656490E-02	4.763880E-01	0.0	0.0	5.039584E-04
19747	G	2.389850E-02	8.656490E-02	4.317227E-01	0.0	-1.354211E-03	5.034783E-04
19748	G	2.499080E-02	8.656496E-02	4.196851E-01	5.639356E-03	-1.354547E-03	5.032367E-04
19749	G	2.796812E-02	8.795584E-02	3.763986E-01	5.640078E-03	-1.354696E-03	5.031088E-04
19751	G	9.669515E-04	4.477401E-02	5.763782E-01	5.640514E-03	-1.350628E-03	5.034283E-04
19752	G	4.810750E-03	4.477447E-02	5.332913E-01	5.639292E-03	-1.351640E-03	5.029587E-04
19758	G	1.495466E-02	4.477463E-02	4.196850E-01	5.639147E-03	-1.354145E-03	5.027028E-04
19759	G	1.879640E-02	4.477435E-02	3.763986E-01	5.640686E-03	-1.354700E-03	5.031340E-04
19761	G	-2.369545E-03	3.084438E-02	5.763782E-01	5.639531E-03	-1.350800E-03	5.028327E-04
19762	G	1.471986E-03	3.084463E-02	5.332914E-01	5.639654E-03	-1.351757E-03	5.027924E-04
19763	G	2.562818E-03	3.084473E-02	5.210534E-01	0.0	-1.351732E-03	5.025896E-04
19765	G	6.541479E-03	3.084496E-02	4.763880E-01	0.0	0.0	5.022231E-04
19767	G	1.051961E-02	3.084493E-02	4.317228E-01	0.0	-1.354087E-03	5.024548E-04
19768	G	1.161011E-02	3.084487E-02	4.196850E-01	5.639598E-03	-1.354036E-03	5.026213E-04
19769	G	1.545030E-02	3.084471E-02	3.763986E-01	5.639471E-03	-1.354689E-03	5.026550E-04
21183	G	-1.711563E-02	-3.478181E-02	5.662501E-01	0.0	-1.349978E-03	4.949721E-04
21187	G	-4.767697E-03	-3.478221E-02	4.266121E-01	0.0	-1.352991E-03	4.950655E-04
21321	G	3.649399E-02	2.010337E-01	5.965557E-01	0.0	0.0	0.0
21323	G	4.032253E-02	2.010336E-01	5.558499E-01	0.0	0.0	0.0
21325	G	4.530081E-02	2.010334E-01	4.996320E-01	0.0	0.0	0.0
21327	G	5.027649E-02	2.010339E-01	4.430154E-01	0.0	0.0	0.0
21329	G	5.370201E-02	2.010341E-01	4.043143E-01	0.0	0.0	0.0
21341	G	1.103611E-02	9.488669E-02	5.986683E-01	5.641416E-03	-1.358244E-03	5.025805E-04
21343	G	1.384191E-02	9.488663E-02	5.671303E-01	0.0	-1.357902E-03	5.013775E-04
21345	G	1.982971E-02	9.488681E-02	4.996311E-01	0.0	-1.351743E-03	4.983330E-04
21347	G	2.584378E-02	9.488687E-02	4.317314E-01	0.0	-1.345584E-03	5.057559E-04
21349	G	2.867543E-02	9.488687E-02	4.001924E-01	5.641356E-03	-1.345242E-03	5.074507E-04
21361	G	-2.863982E-03	3.722234E-02	5.994565E-01	0.0	0.0	0.0
21363	G	-1.768317E-04	3.722282E-02	5.692451E-01	5.640805E-03	-1.347434E-03	0.0
21364	G	3.255727E-03	3.722284E-02	5.307429E-01	0.0	0.0	0.0
21366	G	8.819755E-03	3.722268E-02	4.681196E-01	0.0	0.0	0.0
21367	G	1.225342E-02	3.722259E-02	4.296164E-01	5.640790E-03	-1.354161E-03	0.0
21369	G	1.494173E-02	3.722190E-02	3.994046E-01	0.0	0.0	0.0
21383	G	-1.711573E-02	-3.368307E-02	5.692447E-01	5.641021E-03	-1.347824E-03	4.949006E-04
21387	G	-4.767653E-03	-3.368327E-02	4.296168E-01	5.641047E-03	-1.353984E-03	4.949972E-04
21485	G	0.0	-3.360758E-02	5.001875E-01	5.641568E-03	0.0	0.0
21801	G	4.777147E-02	2.428771E-01	5.851157E-01	0.0	0.0	0.0
21803	G	5.314986E-02	2.541617E-01	5.548744E-01	0.0	0.0	0.0
21807	G	6.171701E-02	2.541617E-01	4.576004E-01	0.0	0.0	0.0
21809	G	6.168274E-02	2.428769E-01	4.273605E-01	0.0	0.0	0.0
21821	G	3.696223E-02	2.035470E-01	6.005777E-01	0.0	0.0	0.0
21823	G	4.031787E-02	2.035462E-01	5.626592E-01	0.0	0.0	0.0
21825	G	4.530035E-02	2.035455E-01	5.062375E-01	0.0	0.0	0.0
21827	G	5.028108E-02	2.035462E-01	4.498165E-01	0.0	0.0	0.0
21829	G	5.363484E-02	2.035469E-01	4.118969E-01	0.0	0.0	0.0
22312	G	4.529859E-02	2.337492E-01	5.882583E-01	0.0	0.0	0.0
22318	G	5.874532E-02	2.337491E-01	4.359041E-01	0.0	0.0	0.0

22701	G	4.804444E-02	2.471955E-01	5.936698E-01	0.0	0.0	0.0
22703	G	5.352531E-02	2.584813E-01	5.622938E-01	0.0	0.0	0.0
22707	G	6.134005E-02	2.584822E-01	4.735838E-01	0.0	0.0	0.0
22709	G	6.140960E-02	2.471961E-01	4.422058E-01	0.0	0.0	0.0
22721	G	3.710479E-02	2.078606E-01	6.106993E-01	0.0	0.0	0.0
22723	G	4.031586E-02	2.078606E-01	5.743691E-01	0.0	0.0	0.0
22725	G	4.529984E-02	2.078609E-01	5.179391E-01	0.0	0.0	0.0
22727	G	5.028301E-02	2.078600E-01	4.615073E-01	0.0	0.0	0.0
22729	G	5.349335E-02	2.078598E-01	4.252150E-01	0.0	0.0	0.0
23100	G	2.497201E-02	1.252437E-01	5.238089E-01	0.0	0.0	0.0
25001	G	4.891696E-02	2.583746E-01	6.138257E-01	0.0	0.0	0.0
25003	G	5.352164E-02	2.696592E-01	5.923843E-01	0.0	0.0	0.0
25007	G	6.001726E-02	2.696591E-01	5.189752E-01	0.0	0.0	0.0
25009	G	6.053587E-02	2.583746E-01	4.825811E-01	0.0	0.0	0.0
25021	G	3.754527E-02	2.190476E-01	6.357746E-01	0.0	0.0	0.0
25025	G	4.529968E-02	2.190477E-01	5.482033E-01	0.0	0.0	0.0
25029	G	5.305381E-02	2.190474E-01	4.606320E-01	0.0	0.0	0.0
25041	G	1.471435E-02	1.252808E-01	6.396101E-01	0.0	0.0	0.0
25045	G	0.0	1.252807E-01	5.482032E-01	0.0	0.0	0.0
25049	G	3.092896E-02	1.252806E-01	4.567961E-01	0.0	0.0	0.0
25061	G	-8.171129E-04	6.051337E-02	6.396098E-01	0.0	0.0	0.0
25065	G	7.294919E-03	6.051342E-02	5.482031E-01	0.0	0.0	0.0
25069	G	1.540669E-02	6.051338E-02	4.567962E-01	0.0	0.0	0.0
26801	G	5.209896E-02	2.728073E-01	6.168979E-01	0.0	0.0	0.0
26809	G	5.860196E-02	2.728074E-01	5.434485E-01	0.0	0.0	0.0
26821	G	3.801902E-02	2.281777E-01	6.550609E-01	0.0	0.0	0.0
26825	G	4.529981E-02	2.281777E-01	5.728861E-01	0.0	0.0	0.0
26829	G	5.258033E-02	2.281776E-01	4.907311E-01	0.0	0.0	0.0
26841	G	1.695933E-02	1.406163E-01	6.557744E-01	0.0	0.0	0.0
26845	G	0.0	1.406162E-01	5.728860E-01	0.0	0.0	0.0
26849	G	3.165950E-02	1.406163E-01	4.899977E-01	0.0	0.0	0.0
26861	G	5.425871E-04	7.234949E-02	6.563385E-01	0.0	0.0	0.0
26865	G	7.943973E-03	7.234949E-02	5.728860E-01	0.0	0.0	0.0
26869	G	1.534511E-02	7.234949E-02	4.894338E-01	0.0	0.0	0.0
29905	G	5.111529E-02	2.686428E-01	6.166994E-01	0.0	0.0	0.0
29921	G	3.933695E-02	2.442517E-01	6.835d30E-01	0.0	0.0	0.0
29925	G	4.530005E-02	2.442514E-01	6.163483E-01	0.0	0.0	0.0
29929	G	5.126404E-02	2.442517E-01	5.490775E-01	0.0	0.0	0.0
29941	G	2.001407E-02	1.681727E-01	6.958239E-01	0.0	0.0	0.0
29945	G	0.0	1.681690E-01	6.123165E-01	0.0	0.0	0.0
29949	G	3.431211E-02	1.681651E-01	5.345d86E-01	0.0	0.0	0.0
29961	G	2.863568E-03	9.203535E-02	6.834170E-01	0.0	0.0	0.0
29965	G	9.011816E-03	9.203553E-02	6.140525E-01	0.0	0.0	0.0
29969	G	1.516088E-02	9.203535E-02	5.447311E-01	0.0	0.0	0.0
30045	G	2.687909E-02	1.670044E-01	6.152508E-01	5.642220E-03	-1.352526E-03	5.002974E-04
31745	G	2.535479E-02	1.697235E-01	6.397924E-01	5.642220E-03	-1.352527E-03	5.002967E-04
33845	G	2.359921E-02	1.728556E-01	6.680588E-01	5.642220E-03	-1.352528E-03	5.002953E-04
35945	G	2.184364E-02	1.759882E-01	6.963268E-01	5.642220E-03	-1.352528E-03	5.002946E-04
38045	G	2.008805E-02	1.791258E-01	7.246080E-01	5.642220E-03	-1.352527E-03	5.003002E-04
43141	G	2.696844E-03	1.822559E-01	9.292334E-01	5.642228E-03	-1.352526E-03	5.002934E-04
40142	G	7.889893E-03	1.822559E-01	8.706371E-01	5.642224E-03	-1.352524E-03	5.002958E-04
40143	G	1.348822E-02	1.822559E-01	8.075306E-01	5.642220E-03	-1.352524E-03	5.002995E-04
40145	G	1.833113E-02	1.822557E-01	7.528879E-01	5.642217E-03	-1.352524E-03	5.003018E-04
40147	G	2.317604E-02	1.822559E-01	6.982672E-01	5.642220E-03	-1.352524E-03	5.002997E-04
40148	G	2.877237E-02	1.822559E-01	6.351107E-01	5.642228E-03	-1.352524E-03	5.002962E-04
40149	G	3.396543E-02	1.822559E-01	5.765644E-01	5.642232E-03	-1.352524E-03	5.002941E-04
42245	G	1.657419E-02	1.853893E-01	7.811694E-01	5.642217E-03	-1.352521E-03	5.002960E-04
44345	G	1.481726E-02	1.885213E-01	8.094504E-01	5.642217E-03	-1.352528E-03	5.002937E-04
45245	G	1.405308E-02	1.898870E-01	8.217613E-01	5.642217E-03	-1.352536E-03	5.002939E-04
46445	G	1.305763E-02	1.916614E-01	8.377d47E-01	5.642213E-03	-1.352531E-03	5.002944E-04
48045	G	-8.029606E-03	1.117625E-01	8.595985E-01	5.642213E-03	-1.352526E-03	5.002948E-04
48845	G	-1.941787E-02	6.360757E-02	8.713654E-01	5.642213E-03	-1.352524E-03	5.002932E-04
49745	G	-3.098197E-02	2.478911E-02	8.833215E-01	5.642213E-03	-1.352523E-03	5.002918E-04
50645	G	-4.253254E-02	-1.897775E-02	8.952644E-01	5.642213E-03	-1.352526E-03	5.002914E-04
51545	G	-5.409665E-02	-6.280112E-02	9.072173E-01	5.642217E-03	-1.352528E-03	5.002883E-04
52045	G	-6.601238E-02	-1.098875E-01	9.142946E-01	5.642209E-03	-1.352526E-03	5.002851E-04

61912	G	-4.411791E-03	2.0079889E-02	5.702156E-01	5.639412E-03	-1.348419E-03	5.042881E-04
61913	G	-7.676376E-03	2.7337d2E-02	5.702156E-01	5.639412E-03	-1.348419E-03	5.016292E-04
61914	G	-1.067713E-03	3.406563E-02	5.702156E-01	5.639412E-03	-1.348419E-03	5.046339E-04
61916	G	5.300246E-03	6.073712E-02	5.702151E-01	5.639419E-03	-1.344700E-03	5.032197E-04
61917	G	6.646290E-03	6.638217E-02	5.702151E-01	5.639419E-03	-1.344700E-03	4.889078E-04
61918	G	8.245140E-03	7.308739E-02	5.702151E-01	5.639419E-03	-1.344700E-03	5.041151E-04
61922	G	-9.576750E-04	3.980957E-02	5.846136E-01	5.640864E-03	-1.351678E-03	4.995766E-04
61923	G	2.318009E-04	4.477353E-02	5.846136E-01	5.640864E-03	-1.351678E-03	5.035819E-04
61924	G	1.326660E-03	4.934263E-02	5.846136E-01	5.640864E-03	-1.351678E-03	5.009323E-04
61926	G	4.457862E-03	7.912099E-02	5.846133E-01	5.640838E-03	-1.351695E-03	4.969428E-04
61927	G	5.377018E-03	8.295679E-02	5.846133E-01	5.640838E-03	-1.351695E-03	5.034446E-04
61928	G	1.075575E-02	8.871043E-02	5.846133E-01	5.640838E-03	-1.351695E-03	4.962313E-04
61934	G	9.362325E-03	9.127623E-02	6.076912E-01	5.638223E-03	-1.358282E-03	5.008939E-04
61935	G	1.023163E-02	9.688469E-02	6.076912E-01	5.638223E-03	-1.358282E-03	5.029149E-04
61936	G	1.118242E-02	9.883147E-02	6.076912E-01	5.638223E-03	-1.358282E-03	5.064828E-04
62211	G	-6.534494E-03	1.786616E-02	5.880507E-01	0.0	0.0	0.0
62213	G	-4.180379E-03	2.767925E-02	5.880507E-01	5.639866E-03	-1.347408E-03	5.008590E-04
62217	G	5.176518E-03	6.671500E-02	5.880508E-01	5.641565E-03	-1.342594E-03	4.918913E-04
62219	G	7.058281E-03	7.455367E-02	5.880508E-01	0.0	0.0	0.0
62221	G	-3.693877E-03	3.494670E-02	6.022692E-01	5.639557E-03	-1.360649E-03	4.987689E-04
62224	G	-1.760825E-04	4.961215E-02	6.022695E-01	5.641948E-03	-1.348099E-03	5.007077E-04
62226	G	6.967023E-03	7.939005E-02	6.022701E-01	5.641509E-03	-1.350745E-03	4.970729E-04
62229	G	9.632710E-03	9.050167E-32	6.022702E-01	5.640417E-03	-1.356355E-03	4.968345E-04
62231	G	6.592486E-03	8.603132E-02	6.246015E-01	5.639039E-03	-1.364134E-03	4.994175E-04
62239	G	9.664547E-03	9.883183E-02	6.246016E-01	5.636375E-03	-1.355848E-03	5.049086E-04
62811	G	-9.429432E-03	1.852382E-02	6.226059E-01	0.0	0.0	0.0
62819	G	3.182349E-03	7.109261E-02	6.226061E-01	0.0	0.0	0.0
62821	G	-6.587785E-03	3.546458E-02	6.364475E-01	0.0	0.0	0.0
62829	G	5.806841E-03	8.712775E-02	6.364475E-01	0.0	0.0	0.0
62831	G	2.938143E-03	8.287269E-02	6.573662E-01	0.0	0.0	0.0
62839	G	5.915049E-03	9.527946E-02	6.573662E-01	0.0	0.0	0.0
63411	G	-1.241701E-02	1.920654E-02	6.583016E-01	0.0	0.0	0.0
63419	G	-8.350809E-04	6.748772E-02	6.583016E-01	0.0	0.0	0.0
63421	G	-9.575751E-03	3.600236E-02	6.717499E-01	0.0	0.0	0.0
63429	G	1.857269E-03	8.366150E-02	6.717499E-01	0.0	0.0	0.0
63431	G	-8.353232E-04	7.960093E-02	6.912058E-01	0.0	0.0	0.0
63439	G	2.046592E-03	9.161395E-02	6.912058E-01	0.0	0.0	0.0
64211	G	-1.665027E-02	2.016804E-02	7.088549E-01	0.0	0.0	0.0
64219	G	-6.516751E-03	6.241347E-02	7.088549E-01	0.0	0.0	0.0
64221	G	-1.380917E-02	3.675931E-02	7.217481E-01	0.0	0.0	0.0
64229	G	-3.729766E-03	7.877862E-02	7.217481E-01	5.640250E-03	-1.352883E-03	1.717195E-03
64231	G	-6.178640E-03	7.497567E-02	7.391466E-01	0.0	0.0	0.0
64239	G	-3.432190E-03	8.642513E-02	7.391466E-01	0.0	0.0	0.0
65011	G	-2.075936E-02	2.109954E-02	7.579166E-01	0.0	0.0	0.0
65019	G	-1.203313E-02	5.747894E-02	7.579166E-01	0.0	0.0	0.0
65021	G	-1.791831E-02	3.749648E-02	7.702820E-01	0.0	0.0	0.0
65029	G	-9.165023E-03	7.398844E-02	7.702821E-01	0.0	0.0	0.0
65031	G	-1.137025E-02	7.046348E-02	7.856780E-01	0.0	0.0	0.0
65039	G	-8.745641E-03	8.140540E-02	7.856780E-01	0.0	0.0	0.0
65911	G	-2.486857E-02	2.203595E-02	8.069918E-01	0.0	0.0	0.0
65919	G	-1.754947E-02	5.254944E-02	8.069918E-01	0.0	0.0	0.0
65921	G	-2.202756E-02	3.823366E-02	8.188159E-01	0.0	0.0	0.0
65929	G	-1.458668E-02	6.925470E-02	8.188159E-01	5.640242E-03	-1.352917E-03	1.911416E-03
65931	G	-1.656190E-02	6.595135E-02	8.322096E-01	0.0	0.0	0.0
65939	G	-1.405906E-02	7.638562E-02	8.322096E-01	0.0	0.0	0.0
71912	G	1.486247E-02	2.007820E-02	3.537449E-01	5.639486E-03	-1.359000E-03	5.005170E-04
71913	G	1.661150E-02	2.733622E-02	3.537449E-01	5.639486E-03	-1.359000E-03	5.050956E-04
71914	G	1.823279E-02	3.406412E-02	3.537449E-01	5.639486E-03	-1.359000E-03	5.014867E-04
71916	G	2.466871E-02	6.073678E-02	3.537461E-01	5.639579E-03	-1.363548E-03	4.985172E-04
71917	G	2.693362E-02	6.638199E-02	3.537461E-01	5.639579E-03	-1.363548E-03	4.849080E-04
71918	G	2.765488E-02	7.308745E-02	3.537461E-01	5.639579E-03	-1.363548E-03	4.998676E-04
71922	G	1.833976E-02	3.980990E-02	3.681629E-01	5.641039E-03	-1.353799E-03	4.997328E-04
71923	G	1.953111E-02	4.477402E-02	3.681629E-01	5.641039E-03	-1.353799E-03	5.032748E-04
71924	G	2.062768E-02	4.934327E-02	3.681629E-01	5.641039E-03	-1.353799E-03	5.008804E-04
71926	G	2.778195E-02	7.912034E-02	3.681635E-01	5.640872E-03	-1.353771E-03	4.964785E-04
71927	G	2.870251E-02	8.295614E-02	3.681635E-01	5.640872E-03	-1.353771E-03	5.029677E-04

71928	G	3.0088336E-02	8.4709836-02	3.6816356-01	5.6408726-03	-1.353771E-03	4.956783E-04
71934	G	2.8626896-02	9.1277426-02	3.9117126-01	5.6366776-03	-1.345204E-03	5.019519E-04
71935	G	2.9488936-02	9.4884936-02	3.9117126-01	5.6366776-03	-1.345204E-03	5.078961E-04
71936	G	3.0429476-02	9.8830586-02	3.9117126-01	5.6366776-03	-1.345204E-03	5.094190E-04
72211	G	1.5772206-02	1.7867196-02	3.3775096-01	0.0	0.0	0.0
72213	G	1.8125106-02	2.7679556-02	3.3775116-01	5.6400266-03	-1.361242E-03	5.036613E-04
72217	G	2.7432756-02	6.6712686-02	3.3775096-01	5.6422766-03	-1.366755E-03	4.893010E-04
72219	G	2.9370996-02	7.4550816-02	3.3775106-01	0.0	0.0	0.0
72221	G	1.8614406-02	3.4947806-02	3.5196676-01	5.6392406-03	-1.344790E-03	4.989139E-04
72224	G	2.2183036-02	4.9612776-02	3.5196666-01	5.6419456-03	-1.356892E-03	5.006865E-04
72226	G	2.9271496-02	7.9389156-02	3.5196566-01	5.6417816-03	-1.355495E-03	4.967076E-04
72229	G	3.1933076-02	9.0500416-02	3.5196566-01	5.6403496-03	-1.347571E-03	4.964871E-04
72231	G	2.8687006-02	8.6032936-02	3.7426796-01	5.6381786-03	-1.337416E-03	4.999870E-04
72239	G	3.1955626-02	9.6831186-02	3.7426786-01	5.6338616-03	-1.348453E-03	5.073184E-04
72811	G	1.8669786-02	1.8525396-02	3.0676956-01	0.0	0.0	0.0
72819	G	3.1270596-02	7.1089806-02	3.0676946-01	0.0	0.0	0.0
72821	G	2.1509076-02	3.5465976-02	3.2060336-01	0.0	0.0	0.0
72829	G	3.3894416-02	8.7126496-02	3.2060336-01	0.0	0.0	0.0
72831	G	3.1028096-02	8.2874426-02	3.4150746-01	0.0	0.0	0.0
72839	G	3.4002626-02	9.5279536-02	3.4150746-01	0.0	0.0	0.0
73411	G	2.1656006-02	1.9208026-02	2.7473266-01	0.0	0.0	0.0
73419	G	3.3233036-02	6.7485896-02	2.7474276-01	0.0	0.0	0.0
73421	G	2.4497736-02	3.6003956-02	2.8827446-01	0.0	0.0	0.0
73429	G	3.5924136-02	8.3660486-02	2.8822456-01	0.0	0.0	0.0
73431	G	3.3233296-02	7.9602346-02	3.0767026-01	0.0	0.0	0.0
73439	G	3.6113576-02	9.1614666-02	3.0767026-01	0.0	0.0	0.0
74211	G	2.2894286-02	2.0169616-02	2.2945366-01	0.0	0.0	0.0
74219	G	3.6021206-02	6.2412256-02	2.2945366-01	0.0	0.0	0.0
74221	G	2.8732336-02	3.6761216-02	2.4234126-01	0.0	0.0	0.0
74229	G	3.8807036-02	7.8778096-02	2.4234126-01	5.6339226-03	-1.352295E-03	1.717266E-03
74231	G	3.6359196-02	7.4977606-02	2.5973216-01	0.0	0.0	0.0
74239	G	3.9104546-02	8.0426266-02	2.5973226-01	0.0	0.0	0.0
75011	G	3.3002716-02	2.1131286-02	1.8545356-01	0.0	0.0	0.0
75019	G	3.8726206-02	5.7478396-02	1.8545356-01	0.0	0.0	0.0
75021	G	3.2842636-02	5.7498616-02	1.9781386-01	0.0	0.0	0.0
75029	G	4.1592166-02	7.3988386-02	1.9781386-01	0.0	0.0	0.0
75031	G	3.9387906-02	7.0465516-02	2.1320336-01	0.0	0.0	0.0
75039	G	4.2011406-02	8.1406776-02	2.1320336-01	0.0	0.0	0.0
75911	G	3.4113046-02	2.2037946-02	1.4146706-01	0.0	0.0	0.0
75919	G	4.1429166-02	5.2549516-02	1.4146716-01	0.0	0.0	0.0
75921	G	3.6952986-02	3.8236016-02	1.5323656-01	0.0	0.0	0.0
75929	G	4.4390816-02	6.9255176-02	1.5328666-01	5.6399036-03	-1.352385E-03	1.911461E-03
75931	G	4.2416436-02	6.5953616-02	1.6667466-01	0.0	0.0	0.0
75939	G	4.4918236-02	7.6387296-02	1.6667466-01	0.0	0.0	0.0
122400	G	-2.6909666-02	-9.0364466-02	5.2550776-01	6.1675276-03	-6.8031796-04	1.7892256-04
123467	G	1.3769816-02	5.2712066-02	4.5044476-01	0.0	0.0	0.0
123487	G	-2.2320336-02	-6.2368826-02	4.7375996-01	0.0	0.0	0.0
124800	G	-2.6909666-02	-8.6088246-02	5.4176736-01	6.1675276-03	-6.8031796-04	1.7892256-04
125063	G	7.9125796-04	6.0513376-02	6.2159936-01	0.0	0.0	0.0
125065	G	3.2648286-03	6.0513426-02	5.3727386-01	0.0	0.0	0.0
125067	G	1.3808376-02	6.0513386-02	4.5679626-01	0.0	0.0	0.0
125383	G	-2.5224676-02	-5.0831516-02	6.1774196-01	0.0	0.0	0.0
125387	G	-2.1026796-02	-5.0831516-02	4.7303946-01	0.0	0.0	0.0
126863	G	2.9451596-03	7.2349496-02	6.2924896-01	0.0	0.0	0.0
126867	G	1.2942626-02	7.2349496-02	5.1652336-01	0.0	0.0	0.0
127200	G	-2.6909666-02	-8.1650916-02	5.5863926-01	6.1675276-03	-6.8031796-04	1.7892256-04
189073	G	-1.7101306-02	-4.5606706-02	5.3678266-01	5.6409616-03	-1.352335E-03	4.977584E-04
189077	G	-6.7817756-03	-4.5606706-02	3.9716886-01	5.6409616-03	-1.352335E-03	4.977584E-04
200070	G	-7.0435276-04	2.1026756-03	4.8058026-01	5.6409616-03	-1.352335E-03	4.977584E-04
200076	G	-1.0941546-02	-4.3599256-02	4.8058026-01	5.6409616-03	-1.352335E-03	4.977584E-04
200079	G	-1.2942996-02	-4.8947846-02	4.8058026-01	5.6409616-03	-1.352335E-03	4.977584E-04
200086	G	-2.2679796-02	-8.9562716-02	4.8058026-01	5.6409586-03	-1.352334E-03	4.977584E-04
200087	G	-2.2679796-02	-8.9562716-02	4.8058026-01	5.6409586-03	-1.352334E-03	4.977584E-04
200095	G	-1.4912726-02	-1.1892116-01	4.8058026-01	5.6409616-03	-1.352334E-03	4.977584E-04
200096	G	-1.4912726-02	-1.1892116-01	4.8054026-01	5.6409546-03	-1.352334E-03	4.977584E-04
200101	G	-1.2187226-02	-1.7094336-01	4.8054026-01	5.6409466-03	-1.352334E-03	4.977584E-04

200106	G	-4.938840E-02	-2.009716E-01	4.805s02E-01	5.640946E-03	-1.352335E-03	4.977584E-04
200114	G	-6.020708E-02	-2.460992E-01	4.805d02E-01	5.640961E-03	-1.352335E-03	4.977584E-04
200121	G	-6.967342E-02	-2.855866E-01	4.805802E-01	5.640965E-03	-1.352333E-03	4.977584E-04
200129	G	-8.049202E-02	-3.307137E-01	4.805802E-01	5.640965E-03	-1.352332E-03	4.977584E-04
200137	G	-9.131074E-02	-3.758414E-01	4.805802E-01	5.640961E-03	-1.352334E-03	4.977584E-04
200145	G	-1.021494E-01	-4.209691E-01	4.805802E-01	5.640958E-03	-1.352336E-03	4.977584E-04
200153	G	-1.126236E-01	-4.647430E-01	4.805832E-01	5.640958E-03	-1.352337E-03	4.977584E-04
200155	G	-1.156122E-01	-4.772094E-01	4.805802E-01	5.640958E-03	-1.352337E-03	4.977584E-04
211001	G	1.038050E-01	3.111286E-01	1.337980E-01	5.636759E-03	-1.350611E-03	4.957618E-04
211002	G	6.423873E-02	3.111220E-01	5.844088E-01	5.636774E-03	-1.354577E-03	4.958867E-04
211073	G	-1.713130E-02	-3.476552E-02	5.662464E-01	5.640961E-03	-1.352335E-03	4.977584E-04
211077	G	-4.781775E-03	-3.476552E-02	4.266226E-01	5.640961E-03	-1.352335E-03	4.977584E-04
214075	G	-1.094154E-02	-3.338175E-02	5.001890E-01	5.640961E-03	-1.352335E-03	4.977584E-04
214901	G	1.038050E-01	3.306757E-01	1.870526E-01	5.636759E-03	-1.350611E-03	4.957618E-04
214902	G	6.423873E-02	3.306748E-01	6.378198E-01	5.636774E-03	-1.354577E-03	4.958867E-04
215101	G	7.313913E-02	2.266665E-01	2.520489E-01	5.635031E-03	-1.352663E-03	4.953621E-04
215102	G	4.445744E-02	2.266658E-01	5.788286E-01	5.635023E-03	-1.352290E-03	4.955414E-04
215201	G	5.959729E-02	2.025095E-01	3.401958E-01	5.633969E-03	-1.352687E-03	4.942594E-04
215202	G	4.626218E-02	2.025089E-01	4.923049E-01	5.633961E-03	-1.352238E-03	4.943581E-04
222001	G	1.038055E-01	3.657166E-01	2.824611E-01	5.640399E-03	-1.348008E-03	4.953344E-04
222002	G	6.423813E-02	3.657171E-01	7.337999E-01	5.640402E-03	-1.357848E-03	4.952275E-04
222201	G	7.320064E-02	2.616515E-01	3.476143E-01	5.641717E-03	-1.349621E-03	4.964252E-04
222202	G	4.437529E-02	2.616516E-01	6.748704E-01	5.641721E-03	-1.356421E-03	4.962909E-04
222301	G	5.874532E-02	2.337491E-01	4.359041E-01	5.642522E-03	-1.351467E-03	4.976343E-04
222302	G	4.529859E-02	2.337492E-01	5.882583E-01	5.642526E-03	-1.354600E-03	4.975614E-04
223401	G	1.038055E-01	3.729237E-01	3.020746E-01	5.640399E-03	-1.348008E-03	4.953344E-04
223402	G	6.423813E-02	3.729227E-01	7.535566E-01	5.640402E-03	-1.357848E-03	4.952275E-04
520018	G	-6.691289E-02	-1.098875E-01	9.244596E-01	5.642213E-03	-1.352526E-03	5.002907E-04
520024	G	-6.722301E-02	-1.098875E-01	9.279487E-01	5.642209E-03	-1.352526E-03	5.002841E-04
520057	G	-6.885904E-02	-1.098875E-01	9.463988E-01	5.642213E-03	-1.352526E-03	5.003016E-04
520065	G	-6.923926E-02	-1.098875E-01	9.506869E-01	5.642213E-03	-1.352526E-03	5.003007E-04
520068	G	-6.942433E-02	-1.098875E-01	9.527745E-01	5.642213E-03	-1.352526E-03	5.003016E-04
520079	G	-6.996471E-02	-1.098875E-01	9.588681E-01	5.642209E-03	-1.352526E-03	5.003014E-04
520135	G	-7.275134E-02	-1.098875E-01	9.902952E-01	5.642258E-03	-1.352526E-03	5.003070E-04
520139	G	-7.295650E-02	-1.098875E-01	9.926086E-01	5.642269E-03	-1.352526E-03	5.003107E-04
520152	G	-7.361192E-02	-1.098875E-01	1.000000E 00	5.642287E-03	-1.352526E-03	5.003167E-04
520185	G	-7.526195E-02	-1.098875E-01	1.018608E 00	5.642287E-03	-1.352526E-03	5.003167E-04

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 5.607880E 02

REAL EIGENVECTOR NO. 7

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	1.251477E-01	-7.928956E-05	2.650802E-01	0.0	0.0	0.0
3339	G	1.251995E-01	-7.752787E-05	2.671075E-01	0.0	0.0	0.0
3341	G	1.375067E-01	1.439833E-03	2.646574E-01	0.0	0.0	0.0
3349	G	1.376471E-01	1.541147E-03	2.675246E-01	0.0	0.0	0.0
4631	G	1.251085E-01	-9.765456E-06	2.413971E-01	0.0	0.0	0.0
4633	G	1.144531E-01	-7.553695E-04	2.418916E-01	0.0	0.0	0.0
4637	G	1.140591E-01	-7.499582E-04	2.456393E-01	0.0	0.0	0.0
4639	G	1.252323E-01	-6.141536E-06	2.461318E-01	0.0	0.0	0.0
4641	G	1.377721E-01	1.517357E-03	2.412163E-01	0.0	0.0	0.0
4649	G	1.378909E-01	1.523949E-03	2.463175E-01	0.0	0.0	0.0
4661	G	1.515566E-01	3.172790E-03	2.417660E-01	0.0	0.0	0.0
4669	G	1.516160E-01	3.179936E-03	2.457753E-01	0.0	0.0	0.0
6123	G	1.101811E-01	-1.718024E-03	2.154255E-01	0.0	0.0	0.0
6127	G	1.102926E-01	-1.716532E-03	2.195436E-01	0.0	0.0	0.0
6131	G	1.139367E-01	-6.710910E-04	2.146523E-01	0.0	0.0	0.0
6133	G	1.139653E-01	-6.693362E-04	2.194243E-01	0.0	0.0	0.0
6137	G	1.190805E-01	-6.588050E-04	2.195416E-01	0.0	0.0	0.0
6139	G	1.139963E-01	-6.565326E-04	2.203526E-01	0.0	0.0	0.0
6147	G	1.329704E-01	9.533049E-04	2.145053E-01	0.0	0.0	0.0
614	G	1.329366E-01	9.528356E-04	2.154247E-01	0.0	0.0	0.0
6151	G	1.330146E-01	1.131725E-03	2.195422E-01	0.0	0.0	0.0
6149	G	1.330589E-01	1.131623E-03	2.205104E-01	0.0	0.0	0.0
6161	G	1.428877E-01	2.131377E-03	2.143849E-01	0.0	0.0	0.0
6163	G	1.429147E-01	2.133839E-03	2.154304E-01	0.0	0.0	0.0
6167	G	1.429462E-01	2.132570E-03	2.195440E-01	0.0	0.0	0.0
6169	G	1.429488E-01	2.132568E-03	2.206033E-01	0.0	0.0	0.0
6171	G	1.591454E-01	4.126158E-03	2.240338E-01	0.0	0.0	0.0
6179	G	1.592157E-01	4.144583E-03	2.321711E-01	0.0	0.0	0.0
7031	G	1.169361E-01	-6.365942E-04	0.0	0.0	0.0	0.0
7033	G	1.189657E-01	-6.100705E-04	1.990756E-01	0.0	0.0	0.0
7037	G	1.190855E-01	-6.100735E-04	2.032386E-01	0.0	0.0	0.0
7039	G	1.191134E-01	-6.115385E-04	0.0	0.0	0.0	0.0
7043	G	1.333151E-01	0.0	1.990649E-01	0.0	0.0	0.0
7047	G	1.333902E-01	0.0	2.032254E-01	0.0	0.0	0.0
7061	G	1.435130E-01	2.179492E-03	1.973729E-01	0.0	0.0	0.0
7063	G	1.435997E-01	2.179492E-03	1.990601E-01	0.0	0.0	0.0
7067	G	1.436580E-01	2.704180E-03	2.032197E-01	0.0	0.0	0.0
7069	G	1.436903E-01	2.738473E-03	2.036720E-01	0.0	0.0	0.0
7071	G	1.805763E-01	0.0	1.668052E-01	0.0	0.0	0.0
7079	G	1.815853E-01	0.0	1.733233E-01	0.0	0.0	0.0
7505	G	9.317589E-02	-3.704092E-03	1.930433E-01	-2.061489E-04	1.723315E-03	5.989849E-06
8300	G	1.606966E-01	4.469506E-03	1.805252E-01	0.0	0.0	0.0
8531	G	1.189527E-01	-5.198859E-04	0.0	0.0	0.0	0.0
8533	G	1.189657E-01	-5.233975E-04	1.741393E-01	0.0	0.0	0.0
8537	G	1.190855E-01	-5.233975E-04	1.783022E-01	0.0	0.0	0.0
8539	G	1.191589E-01	-5.274883E-04	0.0	0.0	0.0	0.0
8543	G	1.338940E-01	0.0	1.741309E-01	0.0	0.0	0.0
8547	G	1.339715E-01	0.0	1.782903E-01	0.0	0.0	0.0
8561	G	1.444084E-01	2.480802E-03	1.722546E-01	0.0	0.0	0.0
8563	G	1.445993E-01	2.483129E-03	1.741272E-01	0.0	0.0	0.0
8567	G	1.446784E-01	2.917660E-03	1.782670E-01	0.0	0.0	0.0
8569	G	1.446087E-01	2.917881E-03	1.791324E-01	0.0	0.0	0.0
8571	G	1.804274E-01	0.0	1.612317E-01	0.0	0.0	0.0
8579	G	1.813835E-01	0.0	1.643544E-01	0.0	0.0	0.0
9303	G	8.087647E-02	-5.634792E-03	1.637061E-01	0.0	0.0	0.0
9307	G	8.117020E-02	-5.601980E-03	1.648673E-01	0.0	0.0	0.0

9313	G	9.018523E-02	-4.522204E-03	1.697347E-01	0.0	0.0	0.0
9317	G	9.041864E-02	-4.508205E-03	1.648644E-01	0.0	0.0	0.0
9331	G	1.189794E-01	-4.722995E-04	1.599367E-01	0.0	0.0	0.0
9333	G	1.189820E-01	-4.736653E-04	1.636172E-01	0.0	0.0	0.0
9337	G	1.191029E-01	-4.810579E-04	1.648391E-01	0.0	0.0	0.0
9339	G	1.192032E-01	-4.801796E-04	1.666344E-01	0.0	0.0	0.0
9341	G	0.0	1.514001E-03	1.842399E-01	0.0	0.0	0.0
9343	G	1.343670E-01	1.513246E-03	1.565944E-01	0.0	0.0	0.0
9347	G	1.344584E-01	1.555104E-03	1.606635E-01	0.0	0.0	0.0
9349	G	0.0	1.566596E-03	1.915993E-01	0.0	0.0	0.0
9361	G	1.453867E-01	2.890528E-03	1.518146E-01	0.0	0.0	0.0
9363	G	1.453638E-01	2.890478E-03	1.535459E-01	0.0	0.0	0.0
9367	G	1.454294E-01	2.932280E-03	1.577332E-01	0.0	0.0	0.0
9369	G	1.452904E-01	2.934422E-03	1.593116E-01	0.0	0.0	0.0
9371	G	1.549548E-01	4.180986E-03	1.492051E-01	0.0	0.0	0.0
9373	G	0.0	4.163273E-03	1.859375E-01	0.0	0.0	0.0
9377	G	0.0	4.112117E-03	1.899679E-01	0.0	0.0	0.0
9379	G	1.550277E-01	4.097473E-03	1.566469E-01	0.0	0.0	0.0
11300	G	1.070629E-01	-2.337344E-03	1.262215E-01	0.0	0.0	0.0
11503	G	8.998819E-02	-4.208665E-03	0.0	0.0	0.0	0.0
11507	G	9.027487E-02	-4.208665E-03	0.0	0.0	0.0	0.0
11531	G	1.191874E-01	-3.415465E-04	0.0	0.0	0.0	0.0
11533	G	1.191921E-01	-3.352500E-04	1.218063E-01	0.0	0.0	0.0
11537	G	1.193001E-01	-2.945473E-04	1.258639E-01	0.0	0.0	0.0
11539	G	1.194425E-01	-2.899133E-04	0.0	0.0	0.0	0.0
11543	G	1.343631E-01	1.632542E-03	1.218098E-01	0.0	0.0	0.0
11547	G	1.344786E-01	1.632542E-03	1.258905E-01	0.0	0.0	0.0
11561	G	1.461821E-01	3.186205E-03	1.199094E-01	0.0	0.0	0.0
11563	G	1.464249E-01	3.186073E-03	1.218098E-01	0.0	0.0	0.0
11567	G	1.465114E-01	3.273162E-03	1.258926E-01	0.0	0.0	0.0
11569	G	1.463000E-01	3.272872E-03	1.278210E-01	0.0	0.0	0.0
11571	G	1.800818E-01	0.0	8.991921E-02	0.0	0.0	0.0
11579	G	1.815510E-01	0.0	9.787083E-02	0.0	0.0	0.0
11700	G	1.056468E-01	-2.324427E-03	1.259514E-01	0.0	0.0	0.0
13500	G	1.706705E-01	6.408315E-03	9.041142E-02	0.0	0.0	0.0
13801	G	9.127551E-02	-3.653643E-03	8.161032E-02	0.0	0.0	0.0
13803	G	8.979589E-02	-3.846614E-03	8.274770E-02	0.0	0.0	0.0
13807	G	9.012026E-02	-3.837797E-03	8.668345E-02	0.0	0.0	0.0
13809	G	9.180880E-02	-3.636355E-03	8.779067E-02	0.0	0.0	0.0
13821	G	1.039628E-01	-2.095208E-03	8.125132E-02	0.0	0.0	0.0
13823	G	1.039674E-01	-2.085603E-03	8.275425E-02	0.0	0.0	0.0
13827	G	1.042665E-01	-2.063119E-03	8.668667E-02	0.0	0.0	0.0
13829	G	1.044880E-01	-2.057778E-03	8.813765E-02	0.0	0.0	0.0
13831	G	1.193855E-01	-1.215928E-04	8.122569E-02	0.0	0.0	0.0
13833	G	1.196369E-01	-1.148896E-04	8.282548E-02	0.0	0.0	0.0
13837	G	1.197727E-01	-9.917007E-05	8.676493E-02	0.0	0.0	0.0
13839	G	1.197299E-01	-1.035784E-04	8.809906E-02	0.0	0.0	0.0
13841	G	0.0	1.732006E-03	8.122933E-02	0.0	0.0	0.0
13843	G	1.343333E-01	1.730105E-03	8.287740E-02	0.0	0.0	0.0
13847	G	1.344044E-01	1.737094E-03	8.681500E-02	0.0	0.0	0.0
13848	G	1.344081E-01	1.723359E-03	9.238935E-02	0.0	0.0	0.0
13849	G	0.0	1.216922E-03	3.984794E-02	0.0	0.0	0.0
13861	G	1.474572E-01	3.430153E-03	8.123863E-02	0.0	0.0	0.0
13863	G	1.474455E-01	3.431077E-03	8.290017E-02	0.0	0.0	0.0
13867	G	1.473318E-01	3.503038E-03	9.743494E-02	0.0	0.0	0.0
13869	G	1.471046E-01	3.500773E-03	9.969318E-02	0.0	0.0	0.0
13871	G	1.667958E-01	0.0	8.110207E-02	0.0	0.0	0.0
13879	G	1.910334E-01	0.0	4.049655E-02	0.0	0.0	0.0
14801	G	9.127551E-02	-3.529598E-03	6.594789E-02	0.0	0.0	0.0
14803	G	8.977228E-02	-3.732558E-03	6.712371E-02	0.0	0.0	0.0
14807	G	9.011459E-02	-3.718429E-03	7.113212E-02	0.0	0.0	0.0
14809	G	9.180880E-02	-3.517468E-03	7.225966E-02	0.0	0.0	0.0
14821	G	1.039526E-01	-1.913518E-03	6.556451E-02	0.0	0.0	0.0
14823	G	1.039892E-01	-1.921426E-03	6.712371E-02	0.0	0.0	0.0
14827	G	1.043044E-01	-1.948317E-03	7.113212E-02	0.0	0.0	0.0
14829	G	1.044984E-01	-1.958346E-03	7.261705E-02	0.0	0.0	0.0

14831	G	1.194[illegible]E-01	9.407727E-05	6.547456E-02	0.0	0.0	0.0
14833	G	1.197[illegible]E-01	8.198609E-05	6.709844E-02	0.0	0.0	0.0
14837	G	1.199[illegible]E-01	-1.571568E-05	7.110685E-02	0.0	0.0	0.0
14839	G	1.197[illegible]E-01	-2.760679E-05	7.266104E-02	0.0	0.0	0.0
14841	G	0.0	1.853109E-03	6.541574E-02	0.0	0.0	0.0
14843	G	1.343[illegible]E-01	1.435744E-03	6.736035E-02	0.0	0.0	0.0
14847	G	1.345[illegible]E-01	1.813831E-03	7.105702E-02	0.0	0.0	0.0
14849	G	0.0	1.801416E-03	7.265021E-02	0.0	0.0	0.0
14861	G	1.479[illegible]E-01	1.577858E-03	6.534640E-02	0.0	0.0	0.0
14863	G	1.482287E-01	1.580383E-03	6.704342E-02	0.0	0.0	0.0
14867	G	1.481782E-01	1.504232E-03	7.104564E-02	0.0	0.0	0.0
14869	G	1.479101E-01	1.506145E-03	7.263621E-02	0.0	0.0	0.0
14881	G	1.704146E-01	6.528188E-03	5.948760E-02	0.0	0.0	0.0
14883	G	1.698073E-01	6.504618E-03	6.123437E-02	0.0	0.0	0.0
14887	G	1.698811E-01	6.267261E-03	6.522459E-02	0.0	0.0	0.0
14889	G	1.705010E-01	6.244443E-03	6.662238E-02	0.0	0.0	0.0
15212	G	9.502530E-02	-3.312265E-03	6.015659E-02	-2.019399E-04	1.584934E-03	1.162367E-05
15218	G	9.546041E-02	-2.989114E-03	6.557423E-02	-1.973369E-04	1.581920E-03	1.777457E-05
15601	G	9.254164E-02	-3.231809E-03	5.311677E-02	0.0	0.0	0.0
15603	G	8.977228E-02	-3.640614E-03	5.458694E-02	0.0	0.0	0.0
15607	G	9.011459E-02	-3.577832E-03	5.861918E-02	0.0	0.0	0.0
15609	G	9.322256E-02	-3.179985E-03	5.980727E-02	0.0	0.0	0.0
15621	G	1.039662E-01	-1.826405E-03	5.284843E-02	0.0	0.0	0.0
15623	G	1.039698E-01	-1.829682E-03	5.424975E-02	0.0	0.0	0.0
15625	G	1.041536E-01	-1.814517E-03	5.661752E-02	0.0	0.0	0.0
15627	G	1.043341E-01	-1.807720E-03	5.894874E-02	0.0	0.0	0.0
15629	G	1.045319E-01	-1.800223E-03	6.004696E-02	0.0	0.0	0.0
15633	G	1.176654E-01	0.0	5.420679E-02	0.0	0.0	0.0
15637	G	1.178449E-01	0.0	5.891664E-02	0.0	0.0	0.0
16481	G	1.701437E-01	6.552998E-03	4.066394E-02	0.0	0.0	0.0
16483	G	1.696116E-01	6.535448E-03	0.0	0.0	0.0	0.0
16485	G	1.694553E-01	6.496315E-03	0.0	0.0	0.0	0.0
16487	G	1.696564E-01	6.379724E-03	0.0	0.0	0.0	0.0
16489	G	1.701595E-01	6.370336E-03	4.766072E-02	0.0	0.0	0.0
17100	G	1.313339E-01	1.864205E-03	5.601120E-02	0.0	0.0	0.0
18601	G	9.349608E-02	-2.609302E-03	5.055241E-03	0.0	0.0	0.0
18603	G	9.024876E-02	-3.015637E-03	6.198483E-03	0.0	0.0	0.0
18607	G	9.036481E-02	-3.193140E-03	9.977233E-03	0.0	0.0	0.0
18609	G	9.336778E-02	-2.748665E-03	1.152916E-02	0.0	0.0	0.0
18621	G	1.037843E-01	-1.156200E-03	4.626587E-03	0.0	0.0	0.0
18623	G	1.040221E-01	-1.184552E-03	5.981259E-03	0.0	0.0	0.0
18625	G	1.041386E-01	-1.222679E-03	7.915828E-03	0.0	0.0	0.0
18627	G	1.042650E-01	-1.253885E-03	1.001178E-02	0.0	0.0	0.0
18629	G	1.046694E-01	-1.281552E-03	1.186192E-02	0.0	0.0	0.0
18631	G	1.230455E-01	8.436538E-04	4.444957E-03	0.0	0.0	0.0
18633	G	0.0	8.186172E-04	5.811591E-03	0.0	0.0	0.0
18635	G	0.0	7.271599E-04	7.697266E-03	0.0	0.0	0.0
18637	G	0.0	6.329631E-04	9.676687E-03	0.0	0.0	0.0
18639	G	1.206086E-01	4.882526E-04	1.132812E-02	0.0	0.0	0.0
18641	G	1.369292E-01	2.849638E-03	4.303049E-03	-1.775783E-04	1.610985E-03	-3.618607E-04
18642	G	1.362363E-01	2.836549E-03	4.581075E-03	-1.466066E-04	1.623079E-03	-3.303969E-04
18643	G	1.351219E-01	2.811225E-03	5.125582E-03	0.0	1.635140E-03	-3.098070E-04
18644	G	1.337630E-01	2.693916E-03	6.324325E-03	0.0	0.0	-1.075780E-04
18645	G	1.335987E-01	2.580716E-03	7.416528E-03	0.0	0.0	4.721370E-05
18646	G	1.342682E-01	2.476106E-03	8.464462E-03	0.0	0.0	1.804618E-04
18647	G	1.358846E-01	2.345152E-03	9.659152E-03	0.0	1.486333E-03	3.058219E-04
18648	G	1.369655E-01	2.319047E-03	1.035998E-02	-2.085163E-04	1.469718E-03	3.153540E-04
18649	G	1.376083E-01	2.304471E-03	1.078357E-02	-1.819107E-04	1.453059E-03	3.270851E-04
18651	G	1.404369E-01	3.236146E-03	4.233196E-03	-1.509547E-04	1.584063E-03	-3.840942E-04
18652	G	1.397178E-01	3.213009E-03	4.536252E-03	-1.573943E-04	1.596491E-03	-3.408538E-04
18653	G	1.401759E-01	2.728119E-03	1.031630E-02	-2.049378E-04	1.498511E-03	2.979748E-04
18654	G	1.407871E-01	2.706483E-03	1.073430E-02	-2.023886E-04	1.449024E-03	3.168213E-04
18656	G	1.477569E-01	3.865487E-03	4.177488E-03	-2.024992E-04	1.531711E-03	-1.936363E-04
18657	G	1.473175E-01	3.840636E-03	4.505489E-03	-1.476354E-04	1.567240E-03	-2.402727E-04
18658	G	1.472744E-01	3.745885E-03	1.078337E-02	-2.123375E-04	1.462233E-03	1.913928E-04
18659	G	1.476171E-01	3.756772E-03	1.068182E-02	-1.701210E-04	1.444816E-03	1.462476E-04

18661	G	1.515183E-01	4.299190E-03	4.157659E-03	-1.867809E-04	1.543405E-03	-2.293819E-04
18662	G	1.510556E-01	4.295897E-03	4.488237E-03	-1.578257E-04	1.544114E-03	-2.321181E-04
18663	G	1.502585E-01	4.288424E-03	5.040962E-03	-1.689560E-04	1.544819E-03	-2.241105E-04
18664	G	1.491505E-01	4.287251E-03	6.285362E-03	0.0	0.0	-1.135872E-04
18665	G	1.488224E-01	4.271845E-03	7.350661E-03	0.0	0.0	-8.505082E-07
18666	G	1.491278E-01	4.259575E-03	8.414372E-03	0.0	0.0	1.052323E-04
18667	G	1.501291E-01	4.247539E-03	9.551022E-03	-1.939407E-04	1.550539E-03	1.965048E-04
18668	G	1.508205E-01	4.240409E-03	1.026332E-02	-2.056664E-04	1.526566E-03	2.013507E-04
18669	G	1.512167E-01	4.237823E-03	1.066328E-02	-1.849430E-04	1.502527E-03	1.938224E-04
18681	G	1.699535E-01	6.301276E-03	4.169725E-03	0.0	0.0	0.0
18683	G	1.688194E-01	6.310824E-03	4.957907E-03	-1.689560E-04	1.564072E-03	-8.214270E-07
18685	G	1.692032E-01	6.443571E-03	7.314622E-03	0.0	0.0	0.0
18687	G	1.687990E-01	6.569009E-03	9.455174E-03	-1.939407E-04	1.577789E-03	-8.214269E-07
18689	G	1.699237E-01	6.578259E-03	1.059116E-02	0.0	0.0	0.0
18983	G	1.685635E-01	6.381650E-03	-1.074336E-03	0.0	1.527739E-03	3.833472E-05
18987	G	1.685363E-01	6.473716E-03	3.251284E-03	0.0	1.583340E-03	-4.887086E-05
19741	G	1.369796E-01	3.050021E-03	-1.253411E-02	1.944805E-04	1.400233E-03	-3.926715E-05
19742	G	1.358023E-01	3.077770E-03	-1.412124E-02	2.181626E-04	1.449614E-03	-3.084150E-05
19743	G	1.357425E-01	2.950576E-03	-1.472191E-02	0.0	1.459030E-03	-2.436148E-05
19745	G	1.356341E-01	2.193719E-03	-1.502848E-02	0.0	0.0	-3.548467E-06
19747	G	1.356780E-01	1.436775E-03	-1.171623E-02	0.0	1.443685E-03	1.409923E-05
19748	G	1.357135E-01	1.309522E-03	-1.029142E-02	-6.001003E-04	1.432653E-03	1.863003E-05
19749	G	1.367825E-01	1.578740E-03	-5.808726E-03	-5.669235E-04	1.379533E-03	2.613841E-05
19751	G	1.464621E-01	3.418133E-03	-1.257172E-02	2.053333E-04	1.395952E-03	1.776891E-05
19752	G	1.465439E-01	3.446004E-03	-1.410301E-02	1.546968E-04	1.444748E-03	7.186820E-06
19758	G	1.463400E-01	3.755696E-03	-1.027432E-02	-5.395703E-04	1.431635E-03	-2.588048E-05
19759	G	1.461243E-01	3.785561E-03	-5.849492E-03	-5.691007E-04	1.377037E-03	-3.294721E-05
19761	G	1.499076E-01	3.062325E-03	-1.257531E-02	1.814167E-04	1.394535E-03	2.675685E-05
19762	G	1.501083E-01	3.252647E-03	-1.409731E-02	2.099744E-04	1.442622E-03	2.525984E-05
19763	G	1.501536E-01	3.363807E-03	-1.458756E-02	0.0	1.455072E-03	1.655192E-05
19765	G	1.501675E-01	4.068919E-03	-1.565340E-02	0.0	0.0	-1.249866E-05
19767	G	1.499642E-01	4.774101E-03	-1.158150E-02	0.0	1.442837E-03	-3.828645E-05
19768	G	1.498739E-01	4.885290E-03	-1.026d40E-02	-5.884550E-04	1.430538E-03	-4.497984E-05
19769	G	1.495245E-01	5.075302E-03	-5.852968E-03	-5.612529E-04	1.376441E-03	-4.608148E-05
21183	G	1.678327E-01	8.658528E-03	-2.102298E-02	0.0	1.372747E-03	1.291207E-04
21187	G	1.677743E-01	3.731662E-03	-1.676744E-02	0.0	1.357559E-03	-1.554812E-04
21321	G	1.047482E-01	-1.619224E-03	-2.959809E-02	0.0	0.0	0.0
21323	G	1.042797E-01	-1.524118E-03	-2.667453E-02	0.0	0.0	0.0
21325	G	1.040095E-01	-1.322022E-03	-2.402424E-02	0.0	0.0	0.0
21327	G	1.038769E-01	-1.109617E-03	-2.286998E-02	0.0	0.0	0.0
21329	G	1.035341E-01	-1.010476E-03	-2.294733E-02	0.0	0.0	0.0
21341	G	1.368446E-01	1.559544E-03	-2.895347E-02	-5.637377E-04	1.196945E-03	-1.301908E-04
21343	G	1.360791E-01	1.654710E-03	-2.599306E-02	0.0	1.200995E-03	-1.419380E-04
21345	G	1.344262E-01	2.196496E-03	-2.285229E-02	0.0	1.309908E-03	-1.002850E-04
21347	G	1.344706E-01	2.725117E-03	-2.169860E-02	0.0	1.418820E-03	1.409693E-04
21349	G	1.353754E-01	2.814410E-03	-2.273051E-02	2.131114E-04	1.426870E-03	1.844771E-04
21361	G	1.508866E-01	4.026912E-03	-2.889013E-02	0.0	0.0	0.0
21363	G	1.513311E-01	4.026137E-03	-2.530919E-02	-7.433372E-05	1.315213E-03	0.0
21364	G	1.522182E-01	4.055128E-03	-2.358462E-02	0.0	0.0	0.0
21366	G	1.519384E-01	3.959659E-03	-2.164521E-02	0.0	0.0	0.0
21367	G	1.509916E-01	3.987420E-03	-2.101840E-02	-2.692183E-04	1.340656E-03	0.0
21369	G	1.502289E-01	3.967088E-03	-2.260541E-02	0.0	0.0	0.0
21383	G	1.678307E-01	8.934375E-03	-2.413719E-02	-1.022749E-03	1.307410E-03	1.162619E-04
21387	G	1.677699E-01	3.397432E-03	-1.987192E-02	6.792461E-04	1.323045E-03	-1.425195E-04
21485	G	0.0	6.160248E-03	-8.092295E-03	-1.722281E-04	0.0	0.0
21801	G	9.314001E-02	-2.934214E-03	-3.774287E-02	0.0	0.0	0.0
21803	G	8.973676E-02	-3.320940E-03	-3.673185E-02	0.0	0.0	0.0
21807	G	8.943892E-02	-3.231663E-03	-3.338623E-02	0.0	0.0	0.0
21809	G	9.239346E-02	-2.836634E-03	-3.224431E-02	0.0	0.0	0.0
21821	G	1.046447E-01	-1.737588E-03	-3.792741E-02	0.0	0.0	0.0
21823	G	1.042984E-01	-1.630539E-03	-3.700040E-02	0.0	0.0	0.0
21825	G	1.039764E-01	-1.509281E-03	-3.505938E-02	0.0	0.0	0.0
21827	G	1.038013E-01	-1.396861E-03	-3.307549E-02	0.0	0.0	0.0
21829	G	1.035281E-01	-1.313519E-03	-3.146050E-02	0.0	0.0	0.0
22312	G	9.629899E-02	-2.626863E-03	-4.470040E-02	0.0	0.0	0.0
22318	G	9.555531E-02	-2.668350E-03	-3.938066E-02	0.0	0.0	0.0

22701	G	9.243884E-01	1.[illegible]758E-03	-5.181721E-02	0.0	0.0	0.0
22703	G	8.947527E-01	1.660149E-03	-5.062289E-02	0.0	0.0	0.0
22707	G	8.91724[illegible]E-01	1.542764E-03	-4.751944E-02	0.0	0.0	0.0
22709	G	9.220[illegible]E-01	1.133764E-03	-4.651576E-02	0.0	0.0	0.0
22721	G	1.045[illegible]E-01	1.754103E-03	-5.249192E-02	0.0	0.0	0.0
22723	G	1.042[illegible]E-01	1.602615E-03	-5.108234E-02	0.0	0.0	0.0
22725	G	1.037814E-01	1.804662E-03	-4.934673E-02	0.0	0.0	0.0
22727	G	1.037437E-01	1.817372E-03	-4.713072E-02	0.0	0.0	0.0
22729	G	1.035130E-01	1.971986E-03	-4.599126E-02	0.0	0.0	0.0
23100	G	1.295729E-01	9.762375E-04	-5.638324E-02	0.0	0.0	0.0
25001	G	9.191666E-02	-1.729732E-03	-8.958530E-02	0.0	0.0	0.0
25003	G	8.846581E-02	-2.111037E-03	-8.888227E-02	0.0	0.0	0.0
25007	G	8.812499E-02	-2.089613E-03	-8.638233E-02	0.0	0.0	0.0
25009	G	9.126961E-02	-1.729409E-03	-8.514619E-02	0.0	0.0	0.0
25021	G	1.038836E-01	-2.377057E-03	-9.027499E-02	0.0	0.0	0.0
25025	G	1.032966E-01	-2.490513E-03	-8.734387E-02	0.0	0.0	0.0
25029	G	1.030238E-01	-2.438752E-03	-8.437741E-02	0.0	0.0	0.0
25041	G	1.323456E-01	7.425384E-04	-9.029782E-02	0.0	0.0	0.0
25045	G	0.0	7.956959E-04	-8.726037E-02	0.0	0.0	0.0
25049	G	1.313326E-01	8.403428E-04	-8.416170E-02	0.0	0.0	0.0
25061	G	1.521921E-01	3.030999E-03	-9.024066E-02	0.0	0.0	0.0
25065	G	1.517461E-01	3.012585E-03	-8.721215E-02	0.0	0.0	0.0
25069	G	1.511191E-01	2.995704E-03	-8.411175E-02	0.0	0.0	0.0
26801	G	8.972460E-02	-4.381489E-03	-1.208311E-01	0.0	0.0	0.0
26809	G	8.942735E-02	-4.428763E-03	-1.183266E-01	0.0	0.0	0.0
26821	G	1.031171E-01	-2.883571E-03	-1.220436E-01	0.0	0.0	0.0
26825	G	1.027329E-01	-2.895724E-03	-1.193360E-01	0.0	0.0	0.0
26829	G	1.024283E-01	-2.907846E-03	-1.168859E-01	0.0	0.0	0.0
26841	G	1.305795E-01	9.487577E-05	-1.220919E-01	0.0	0.0	0.0
26845	G	0.0	6.996666E-05	-1.193556E-01	0.0	0.0	0.0
26849	G	1.295990E-01	4.439194E-05	-1.164151E-01	0.0	0.0	0.0
26861	G	1.521398E-01	2.869221E-03	-1.221286E-01	0.0	0.0	0.0
26865	G	1.513804E-01	2.860387E-03	-1.194244E-01	0.0	0.0	0.0
26869	G	1.511133E-01	2.850113E-03	-1.164429E-01	0.0	0.0	0.0
29905	G	9.427673E-02	-4.786025E-03	-1.786670E-01	0.0	0.0	0.0
29921	G	1.015594E-01	-3.940430E-03	-1.834984E-01	0.0	0.0	0.0
29925	G	1.[illegible]78E-01	-3.938679E-03	-1.782016E-01	0.0	0.0	0.0
29929	G	1.007147E-01	-3.940430E-03	-1.759817E-01	0.0	0.0	0.0
29941	G	1.266474E-01	-1.366142E-03	-1.793569E-01	0.0	0.0	0.0
29945	G	0.0	-1.363740E-03	-1.841916E-01	0.0	0.0	0.0
29949	G	1.259196E-01	-1.371048E-03	-1.739356E-01	0.0	0.0	0.0
29961	G	1.519820E-01	1.203678E-03	-1.774327E-01	0.0	0.0	0.0
29965	G	1.506655E-01	1.202024E-03	-1.752040E-01	0.0	0.0	0.0
29969	G	1.510853E-01	1.203678E-03	-1.727758E-01	0.0	0.0	0.0
30045	G	1.267291E-01	-1.330814E-03	-1.767379E-01	-1.894591E-04	1.877716E-03	-3.647951E-05
31745	G	1.289129E-01	-1.781638E-03	-2.115541E-01	-1.919047E-04	1.958288E-03	-3.691891E-05
33845	G	1.315305E-01	-2.307993E-03	-2.533368E-01	-1.958358E-04	2.038352E-03	-3.751318E-05
35945	G	1.342632E-01	-2.842787E-03	-2.969254E-01	-2.008704E-04	2.130151E-03	-3.829894E-05
38045	G	1.371284E-01	-3.388749E-03	-3.426169E-01	-2.074723E-04	2.237297E-03	-3.947229E-05
40141	G	1.420278E-01	-3.947161E-03	-3.992346E-01	-2.218909E-04	2.363937E-03	-7.820615E-05
40142	G	1.412489E-01	-3.947161E-03	-3.959862E-01	-2.951240E-04	2.363937E-03	-6.867603E-05
40143	G	1.405593E-01	-3.947161E-03	-3.929051E-01	-2.503369E-04	2.363937E-03	-5.273000E-05
40145	G	1.401493E-01	-3.947284F-03	-3.907695E-01	-2.159135E-04	2.363949E-03	-4.045732E-05
40147	G	1.397744E-01	-3.947165E-03	-3.887130E-01	-1.827079E-04	2.363938E-03	-2.847191E-05
40148	G	1.395525E-01	-3.947165F-03	-3.869613E-01	-1.398545E-04	2.363938E-03	-1.298196E-05
40149	G	1.394819E-01	-3.947165E-03	-3.856668E-01	-1.142432E-04	2.363938E-03	-3.724406E-06
42245	G	1.433277E-01	-4.521921E-03	-4.416178E-01	-2.264929E-04	2.494787E-03	-4.200457E-05
44345	G	1.466829E-01	-5.119704E-03	-4.952912E-01	-2.411881E-04	2.632981E-03	-4.424705E-05
45245	G	1.481962E-01	-5.389806E-03	-5.195215E-01	-2.498368E-04	2.689921E-03	-4.559020E-05
46445	G	1.502108E-01	-5.753104E-03	-5.517606E-01	-2.621626E-04	2.750764E-03	-4.756189E-05
48045	G	1.932461E-01	-2.271581E-03	-5.963043E-01	-3.302093E-04	2.770108E-03	-9.362455E-05
48845	G	2.166491E-01	-2.581135E-04	-6.205021E-01	-3.795035E-04	2.789797E-03	-1.304698E-04
49745	G	2.405729E-01	1.884907E-03	-6.452485E-01	-4.377426E-04	2.806773E-03	-1.752334E-04
50645	G	2.645895E-01	4.137047E-03	-6.700958E-01	-5.075529E-04	2.818528E-03	-2.334378E-04
51545	G	2.887206E-01	6.505128E-03	-6.950344E-01	-5.898890E-04	2.827551E-03	-2.945492E-04
52045	G	3.136516E-01	1.026535E-02	-7.090745E-01	-6.501565E-04	2.831123E-03	-3.553340E-04

61912	G	1.518249E-01	4.038449E-03	1.888432E-03	-1.999660E-04	1.542832E-03	-2.268457E-04
61913	G	1.494437E-01	4.051141E-03	1.888432E-03	-1.999660E-04	1.542832E-03	-1.901889E-04
61914	G	1.479972E-01	3.812586E-03	1.888432E-03	-1.999660E-04	1.542832E-03	-1.721322E-04
61916	G	1.409700E-01	3.315873E-03	4.007902E-03	-1.980250E-04	1.618362E-03	-4.047314E-04
61917	G	1.395500E-01	3.117650E-03	4.007902E-03	-1.980250E-04	1.618362E-03	-2.679182E-04
61918	G	1.374258E-01	2.882198E-03	4.007902E-03	-1.980250E-04	1.618362E-03	-3.749435E-04
61922	G	1.476330E-01	3.265974E-03	-1.227060E-02	1.795213E-04	1.363872E-03	7.202678E-06
61923	G	1.464328E-01	3.423953E-03	-1.227060E-02	1.795213E-04	1.363872E-03	2.123357E-05
61924	G	1.453280E-01	3.569365E-03	-1.227060E-02	1.795213E-04	1.363872E-03	6.262413E-06
61926	G	1.379704E-01	2.906619E-03	-1.227972E-02	1.246798E-04	1.365708E-03	-1.752951E-04
61927	G	1.370418E-01	2.991401E-03	-1.227972E-02	1.246798E-04	1.365708E-03	-4.419067E-05
61928	G	1.356488E-01	3.118574E-03	-1.227972E-02	1.246798E-04	1.365708E-03	-2.215102E-04
61934	G	1.378131E-01	1.942607E-03	-2.998051E-02	-5.730614E-04	1.194277E-03	-2.039746E-05
61935	G	1.370488E-01	1.575848E-03	-2.998051E-02	-5.730614E-04	1.194277E-03	-1.263510E-04
61936	G	1.362128E-01	1.174705E-03	-2.998051E-02	-5.730614E-04	1.194277E-03	4.641010E-05
62211	G	1.515931E-01	4.353195E-03	2.153224E-03	0.0	0.0	0.0
62213	G	1.493105E-01	4.131518E-03	2.142870E-03	-2.073197E-04	1.619265E-03	1.384939E-04
62217	G	1.401004E-01	3.023326E-03	2.111191E-03	-2.489653E-04	1.690428E-03	-1.982112E-04
62219	G	1.383107E-01	2.967709E-03	2.103324E-03	0.0	0.0	0.0
62221	G	1.486207E-01	3.496509E-03	-1.196713E-02	-1.190941E-04	1.049001E-03	-2.519572E-05
62224	G	1.452897E-01	3.459388E-03	-1.196392E-02	1.187476E-04	1.387756E-03	5.637395E-06
62226	G	1.384837E-01	2.856377E-03	-1.196077E-02	1.417521E-04	1.527112E-03	-1.552894E-04
62229	G	1.359748E-01	2.854168E-03	-1.197048E-02	-7.194740E-05	9.502405E-04	-1.640481E-04
62231	G	1.389393E-01	1.982401E-03	-3.214476E-02	-1.903102E-04	1.126827E-03	-3.741712E-05
62239	G	1.360916E-01	1.263233E-03	-3.213600E-02	-7.368275E-04	1.222171E-03	2.837337E-05
62811	G	1.516593E-01	4.335728E-03	-4.466532E-04	0.0	0.0	0.0
62819	G	1.396707E-01	2.964901E-03	-4.035556E-04	0.0	0.0	0.0
62821	G	1.489355E-01	3.495548E-03	-1.366365E-02	0.0	0.0	0.0
62829	G	1.372392E-01	2.722743E-03	-1.367085E-02	0.0	0.0	0.0
62831	G	1.399166E-01	1.996969E-03	-3.330591E-02	0.0	0.0	0.0
62839	G	1.371345E-01	1.545362E-03	-3.331180E-02	0.0	0.0	0.0
63411	G	1.519153E-01	4.241113E-03	-2.979310E-03	0.0	0.0	0.0
63419	G	1.[illegible]88E-01	3.124204E-03	-2.969396E-03	0.0	0.0	0.0
63421	G	1.492437E-01	3.452206E-03	-1.562462E-02	0.0	0.0	0.0
63429	G	1.384800E-01	2.676951E-03	-1.562457E-02	0.0	0.0	0.0
63431	G	1.410074E-01	1.983510E-03	-3.398429E-02	0.0	0.0	0.0
63439	G	1.382993E-01	1.719614E-03	-3.398676E-02	0.0	0.0	0.0
64211	G	1.523139E-01	4.131105E-03	-6.445378E-03	0.0	0.0	0.0
64219	G	1.428618E-01	3.247639E-03	-6.436210E-03	0.0	0.0	0.0
64221	G	1.496785E-01	3.373888E-03	-1.841925E-02	0.0	0.0	0.0
64229	G	1.402808E-01	2.645825E-03	-1.841638E-02	-9.772783E-05	1.257079E-03	-6.312739E-05
64231	G	1.425665E-01	2.016996E-03	-3.468018E-02	0.0	0.0	0.0
64239	G	1.400052E-01	1.839360E-03	-3.468079E-02	0.0	0.0	0.0
65011	G	1.527333E-01	4.036956E-03	-9.746742E-03	0.0	0.0	0.0
65019	G	1.446881E-01	3.300262E-03	-9.740815E-03	0.0	0.0	0.0
65021	G	1.501244E-01	3.282760E-03	-2.111222E-02	0.0	0.0	0.0
65029	G	1.420573E-01	2.636390E-03	-2.111007E-02	0.0	0.0	0.0
65031	G	1.440937E-01	2.076154E-03	-3.531811E-02	0.0	0.0	0.0
65039	G	1.416733E-01	1.910902E-03	-3.531794E-02	0.0	0.0	0.0
65911	G	1.531672E-01	3.938913E-03	-1.305024E-02	0.0	0.0	0.0
65919	G	1.465061E-01	3.323354E-03	-1.305337E-02	0.0	0.0	0.0
65921	G	1.506006E-01	3.188644E-03	-2.376538E-02	0.0	0.0	0.0
65929	G	1.438291E-01	2.634098E-03	-2.375615E-02	-1.008274E-04	1.224613E-03	-7.886466E-05
65931	G	1.456290E-01	2.140685E-03	-3.598258E-02	0.0	0.0	0.0
65939	G	1.433440E-01	1.980737E-03	-3.598174E-02	0.0	0.0	0.0
71912	G	1.514727E-01	4.239876E-03	1.089821E-02	-1.763071E-04	1.483049E-03	1.896709E-04
71913	G	1.495640E-01	4.012968E-03	1.089821E-02	-1.763071E-04	1.483049E-03	-1.833908E-04
71914	G	1.477948E-01	3.802635E-03	1.089821E-02	-1.763071E-04	1.483049E-03	1.257614E-04
71916	G	1.412207E-01	2.626681E-03	1.098347E-02	-1.638059E-04	1.447472E-03	3.269969E-04
71917	G	1.397718E-01	2.462711E-03	1.098347E-02	-1.638059E-04	1.447472E-03	4.975508E-05
71918	G	1.380508E-01	2.267966E-03	1.098347E-02	-1.638059E-04	1.447472E-03	3.317264E-04
71922	G	1.472651E-01	4.256155E-03	-5.021457E-03	-5.402311E-04	1.353557E-03	1.888382E-06
71923	G	1.460739E-01	3.780752E-03	-5.021457E-03	-5.402311E-04	1.353557E-03	-3.526683E-05
71924	G	1.449776E-01	3.343165E-03	-5.021457E-03	-5.402311E-04	1.353557E-03	1.474713E-05
71926	G	1.377450E-01	1.968229E-03	-5.019188E-03	-4.892538E-04	1.354269E-03	1.517230E-04
71927	G	1.368241E-01	1.635536E-03	-5.019188E-03	-4.892538E-04	1.354269E-03	2.971903E-05

71929		1.354427E-01	1.136497E-03	-5.0191	-4.492536E-04	1.354269E-03	1.8
71934		1.3	2.687439E-03	-2.3	1.740301E-04	1.425550E-03	1.44
71935		1.356	2.798649E-03	-2.3	1.740301E-04	1.425550E-03	1.45
71936		1.3	2.920649E-03	-2.315341E-02	1.740301E-04	1.425550E-03	1.45
72211	G	1.513269E-01	4.3d9931E-03	1.037339E-02	0.0	0.0	0.0
72213	G	1.490	3.940633E-03	1.036	-1.837704E-04	1.556298E-03	-1.31
72217	G	1.499375E-01	2.426751E-03	1.031774E-02	-1.0	1.459124E-03	5.03
72219	G	1.5d1178E-01	1.926791E-03	1.031134E-02	0.0	0.0	0.0
72221	G	1.483428E-01	4.3944	-3.6	-2.7	1.129012E-03	2.5d
72224	G	1.450017E-01	3.455903E-03	-3.691172E-03	-4.728d51E-04	1.344817E-03	1.35
72226	G	1.381893E-01	2.013151E-03	-3.736923E-03	-4.952615E-04	1.492677E-03	1.34
72229	G	1.356688E-01	1.273952E-03	-3.720070E-03	-3.061237E-04	1.009202E-03	1.41
72231	G	1.384d31E-01	3.022174E-03	-2.435555E-02	-2.171700E-04	1.616081E-03	9.54
72239	G	1.356102E-01	2.835225E-03	-2.435618E-02	3.112643E-04	1.345643E-03	2.73
72411	G	1.513433E-01	4.397292E-03	1.031544E-02	0.0	0.0	0.0
72419	G	1.393259E-01	2.130968E-03	1.035453E-02	0.0	0.0	0.0
72421	G	1.486194E-01	4.396181E-03	-3.197	0.0	0.0	0.0
72429	G	1.366978E-01	1.654611E-03	-3.233	0.0	0.0	0.0
72431	G	1.345761E-01	3.224037E-03	-2.287349E-02	0.0	0.0	0.0
72439	G	1.367851E-01	2.d3643E-03	-2.287349E-02	0.0	0.0	0.0
73411	G	1.515874E-01	4.497131E-03	9.7	0.0	0.0	0.0
73419	G	1.406550E-01	2.306896E-03	9.7	0.0	0.0	0.0
73421	G	1.489163E-01	4.442569E-03	-2.857022E-03	0.0	0.0	0.0
73429	G	1.381410E-01	1.972421E-03	-2.856403E-03	0.0	0.0	0.0
73431	G	1.406711E-01	3.449185E-03	-2.123085E-02	0.0	0.0	0.0
73439	G	1.379594E-01	2.886789E-03	-2.123309E-02	0.0	0.0	0.0
74211	G	1.519851E-01	4.394773E-03	9.636108E-03	0.0	0.0	0.0
74219	G	1.425257E-01	2.588524E-03	9.615410E-03	0.0	0.0	0.0
74221	G	1.493494E-01	4.528362E-03	-2.377503E-03	0.0	0.0	0.0
74229	G	1.3	2.387521E-03	-2.37	-2.673652E-04	1.356276E-03	-2.12
74231	G	1.422316E-01	3.724637E-03	-1.865291E-02	0.0	0.0	0.0
74239	G	1.396678E-01	3.119724E-03	-1.865327E-02	0.0	0.0	0.0
75011	G	1.524084E-01	4.6d9671E-03	9.492539E-03	0.0	0.0	0.0
75019	G	1.443545E-01	2.933143E-03	9.498421E-03	0.0	0.0	0.0
75021	G	1.497979E-01	4.625328E-03	-1.888224E-03	0.0	0.0	0.0
75029	G	1.417211E-01	2.774520E-03	-1.885691E-03	0.0	0.0	0.0
75031	G	1.437604E-01	3.971957E-03	-1.611111E-02	0.0	0.0	0.0
75039	G	1.413370E-01	3.388690E-03	-1.611047E-02	0.0	0.0	0.0
75911	G	1.528476E-01	4.789013E-03	9.382792E-03	0.0	0.0	0.0
75919	G	1.461756E-01	3.311896E-03	9.381000E-03	0.0	0.0	0.0
75921	G	1.502780E-01	4.722137E-03	-1.353211E-03	0.0	0.0	0.0
75929	G	1.434951E-01	3.152376E-03	-1.343455E-03	-2.854143E-04	1.227092E-03	-1.82522
75931	G	1.452991E-01	4.215918E-03	-1.359086E-02	0.0	0.0	0.0
75939	G	1.430104E-01	3.0015	-1.358994E-02	0.0	0.0	0.0
122400	G	1.915485E-01	8.020135E-03	-4.298673E-02	-2.046384E-04	1.710366E-03	-2.37571
123467	G	1.512456E-01	3.598755E-03	-5.816310E-02	0.0	0.0	0.0
123487	G	1.840539E-01	7.513586E-03	-5.809734E-02	0.0	0.0	0.0
124800	G	1.915485E-01	8.052342E-03	-8.386648E-02	-2.046384E-04	1.710366E-03	-2.37571
125063	G	1.521041E-01	3.030999E-03	-8.964396E-02	0.0	0.0	0.0
125065	G	1.516711E-01	3.012585E-03	-8.684146E-02	0.0	0.0	0.0
125067	G	1.512426E-01	2.995704E-03	-8.411175E-02	0.0	0.0	0.0
125383	G	1.873141E-01	6.787609E-03	-9.537649E-02	0.0	0.0	0.0
125387	G	1.817567E-01	6.787609E-03	-9.057522E-02	0.0	0.0	0.0
126863	G	1.518933E-01	2.369221E-03	-1.212508E-01	0.0	0.0	0.0
126867	G	1.512133E-01	2.350113E-03	-1.174107E-01	0.0	0.0	0.0
127250	G	1.915485E-01	7.463161E-03	-1.262833E-01	-2.046384E-04	1.710366E-03	-2.37571
189073	G	1.601393E-01	6.273553E-03	-7.290804E-02	1.691462E-04	-8.353278E-03	-5.34175
189077	G	1.600070E-01	6.273553E-03	-7.709463E-02	1.691462E-04	-8.353278E-03	-5.34175
200079	G	2.233075E-01	7.500250E-03	9.032734E-03	1.691462E-04	-8.353278E-03	-5.34175
200576	G	1.600732E-01	6.219815E-03	9.032734E-03	1.691462E-04	-8.353278E-03	-5.34175
200579	G	1.476712E-01	5.968951E-03	9.032913E-03	1.698560E-04	-8.405998E-03	-5.34175
200586	G	9.456825E-02	4.848573E-03	9.033345E-03	1.600356E-04	-7.695757E-03	-5.34175
200687	G	8.633566E-02	4.735038E-03	9.033345E-03	1.727090E-04	-8.617546E-03	-5.34175
200695	G	2.005075E-02	3.349415E-03	9.033874E-03	1.856554E-04	-9.573374E-03	-5.34175
200696	G	1.021432E-02	3.214130E-03	9.033874E-03	1.746476E-04	-8.760825E-03	-5.34175
200697	G	-3.960265E-02	2.221655E-03	9.034213E-03	1.729499E-04	-1.154904E-02	-5.34175

203106	G	-1.065749E-01	1.312528E-03	9.034857E-03	2.406766E-04	-1.356499E-02	-5.341753E-06
203114	G	-2.259201E-01	-1.061253E-03	9.035819E-03	2.766259E-04	-1.618227E-02	-5.341753E-06
203121	G	-3.459799E-01	-3.091109E-03	9.036664E-03	3.024582E-04	-1.805635E-02	-5.341753E-06
203129	G	-4.974677E-01	-5.607903E-03	9.037629E-03	3.256188E-04	-1.973435E-02	-5.341753E-06
203137	G	-6.604292E-01	-8.284075E-03	9.037625E-03	3.420529E-04	-2.092475E-02	-5.341753E-06
203145	G	-8.309729E-01	-1.106293E-02	9.037625E-03	3.518062E-04	-2.163110E-02	-5.341753E-06
203153	G	-1.000000E 00	-1.380910E-02	9.037625E-03	3.549275E-04	-2.185716E-02	-5.341753E-06
203155	G	-1.046304E 00	-1.459369E-02	9.037625E-03	3.549275E-04	-2.185716E-02	-5.341753E-06
211001	G	6.165471E-02	-1.010111E-02	1.363806E-01	-2.631955E-04	1.516369E-03	2.512934E-05
211002	G	6.211924E-02	-5.500019E-03	1.182645E-01	-1.571848E-04	1.475714E-03	-2.481598E-05
211073	G	1.601393E-01	6.157208E-03	1.099263E-01	1.691462E-04	-8.353278E-03	-5.341753E-06
211077	G	1.600070E-01	6.157208E-03	1.048399E-01	1.691462E-04	-8.353278E-03	-5.341753E-06
214075	G	1.600732E-01	6.142359E-03	1.301553E-01	1.691462E-04	-8.353278E-03	-5.341753E-06
214901	G	6.165471E-02	-9.110257E-03	7.659012E-02	-2.631955E-04	1.516369E-03	2.512934E-05
214902	G	6.211924E-02	-6.486535E-03	6.007713E-02	-1.571848E-04	1.475714E-03	-2.481598E-05
215101	G	8.942932E-02	-4.082873E-03	7.031554E-02	-2.607412E-04	1.493286E-03	2.751047E-05
215102	G	8.897382E-02	-3.705828E-03	5.851769E-02	-1.540237E-04	1.449404E-03	-2.558864E-05
215201	G	9.546041E-02	-2.989114E-03	6.557423E-02	-2.305037E-04	1.479114E-03	2.608406E-05
215202	G	9.502530E-02	-3.012265E-03	6.015659E-02	-1.741393E-04	1.457769E-03	-2.365460E-06
222001	G	6.164896E-02	-7.409878E-03	-2.997601E-02	-2.073352E-04	1.468358E-03	2.784867E-05
222002	G	6.212577E-02	-7.549498E-03	-4.596349E-02	-2.073423E-04	1.494210E-03	-1.794260E-05
222201	G	8.839768E-02	-3.633346E-03	-3.350185E-02	-1.937915E-04	1.477386E-03	1.265302E-05
222202	G	8.948243E-02	-3.653761E-03	-4.703863E-02	-2.127219E-04	1.469434E-03	-3.023887E-05
222301	G	9.555531E-02	-2.668350E-03	-3.938066E-02	-1.926977E-04	1.441522E-03	-1.176639E-05
222302	G	9.629899E-02	-2.626863E-03	-4.470040E-02	-2.041627E-04	1.457782E-03	-3.411810E-05
223401	G	6.164896E-02	-7.004678E-03	-5.134062E-02	-2.073352E-04	1.468358E-03	2.784867E-05
223402	G	6.212577E-02	-7.810563E-03	-6.770420E-02	-2.073423E-04	1.494210E-03	-1.794260E-05
520018	G	3.142906E-01	1.026535E-02	-7.110434E-01	-6.483735E-04	2.831123E-03	-3.545401E-04
520024	G	3.145105E-01	1.026535E-02	-7.114454E-01	-6.485691E-04	2.831123E-03	-3.546306E-04
520057	G	3.156849E-01	1.026535E-02	-7.135997E-01	-6.830825E-04	2.831123E-03	-3.699283E-04
520065	G	3.159699E-01	1.026535E-02	-7.141274E-01	-7.068054E-04	2.831123E-03	-3.804474E-04
520068	G	3.161116E-01	1.026535E-02	-7.143912E-01	-7.192695E-04	2.831123E-03	-3.859720E-04
520079	G	3.163370E-01	1.026537E-02	-7.151871E-01	-7.536164E-04	2.831123E-03	-4.011905E-04
520135	G	3.190044E-01	1.026544E-02	-7.199101E-01	-9.067203E-04	2.831123E-03	-4.690874E-04
520139	G	3.191972E-01	1.026544E-02	-7.202828E-01	-9.108346E-04	2.831123E-03	-4.709275E-04
520152	G	3.198161E-01	1.026547E-02	-7.214805E-01	-9.159893E-04	2.831123E-03	-4.732397E-04
520185	G	3.213768E-01	1.026547E-02	-7.245014E-01	-9.159893E-04	2.831123E-03	-4.732397E-04

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 4.359756E 02

REAL EIGENVECTOR NO. 8

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	S	-4.257514E-03	-2.213271E-01	1.025320E-01	0.0	0.0	0.0
3339	S	1.124194E-02	-2.213284E-01	-6.955910E-02	0.0	0.0	0.0
3341	S	-5.952644E-03	-3.496456E-01	1.388109E-01	0.0	0.0	0.0
3349	S	1.452133E-02	-3.496371E-01	-1.058354E-01	0.0	0.0	0.0
4631	S	-1.463588E-02	-2.307427E-01	2.158909E-01	0.0	0.0	0.0
4633	G	-1.134272E-02	-1.376322E-01	1.740071E-01	0.0	0.0	0.0
4637	G	1.754825E-02	-1.376281E-01	-1.438387E-01	0.0	0.0	0.0
4639	G	2.161967E-02	-2.307420E-01	-1.857230E-01	0.0	0.0	0.0
4641	S	-1.494573E-02	-3.304650E-01	2.313143E-01	0.0	0.0	0.0
4649	S	2.352491E-02	-3.304737E-01	-2.011465E-01	0.0	0.0	0.0
4661	G	-9.438146E-03	-4.706294E-01	1.850529E-01	0.0	0.0	0.0
4669	S	1.974318E-02	-4.706453E-01	-1.548858E-01	0.0	0.0	0.0
6123	G	-1.361528E-02	-2.432052E-02	1.878293E-01	0.0	0.0	0.0
6127	G	1.671448E-02	-2.432185E-02	-1.609795E-01	0.0	0.0	0.0
6131	S	-1.892382E-02	-1.131796E-01	2.546335E-01	0.0	0.0	0.0
6133	G	-1.281257E-02	-1.131741E-01	1.878071E-01	0.0	0.0	0.0
6137	S	1.901948E-02	-1.131753E-01	-1.609570E-01	0.0	0.0	0.0
6139	G	2.513011E-02	-1.131800E-01	-2.277870E-01	0.0	0.0	0.0
6141	S	-1.892649E-02	-2.559935E-01	2.673041E-01	0.0	0.0	0.0
6143	S	-1.145812E-02	-2.559946E-01	1.877419E-01	0.0	0.0	0.0
6147	S	1.963313E-02	-2.560180E-01	-1.638947E-01	0.0	0.0	0.0
6149	G	2.689124E-02	-2.560175E-01	-2.404588E-01	0.0	0.0	0.0
6161	G	-1.889707E-02	-3.583649E-01	2.764791E-01	0.0	0.0	0.0
6163	S	-1.053842E-02	-3.583676E-01	1.876979E-01	0.0	0.0	0.0
6167	G	1.977505E-02	-3.583936E-01	-1.608552E-01	0.0	0.0	0.0
6169	S	2.812437E-02	-3.583965E-01	-2.496311E-01	0.0	0.0	0.0
6171	S	-9.034131E-03	-4.301132E-01	1.887409E-01	0.0	0.0	0.0
6179	G	2.031636E-02	-4.359871E-01	-1.603255E-01	0.0	0.0	0.0
7031	G	-2.082239E-02	-9.796882E-02	0.0	0.0	0.0	0.0
7033	G	-1.278842E-02	-9.796953E-02	1.859852E-01	0.0	0.0	0.0
7037	G	1.899971E-02	-9.796953E-02	-1.612358E-01	0.0	0.0	0.0
7039	G	2.702870E-02	-9.796757E-02	0.0	0.0	0.0	0.0
7043	S	-1.142778E-02	0.0	1.960726E-01	0.0	0.0	0.0
7047	G	1.940358E-02	0.0	-1.613466E-01	0.0	0.0	0.0
7061	G	-2.021274E-02	-3.490354E-01	2.893195E-01	0.0	0.0	0.0
7063	G	-1.049085E-02	-3.490354E-01	1.861019E-01	0.0	0.0	0.0
7067	G	1.981303E-02	-3.491274E-01	-1.613838E-01	0.0	0.0	0.0
7069	G	2.954184E-02	-3.491159E-01	-2.648119E-01	0.0	0.0	0.0
7071	G	9.501763E-03	0.0	3.173487E-01	0.0	0.0	0.0
7079	G	4.619505E-03	0.0	-2.930597E-01	0.0	0.0	0.0
7505	S	1.313487E-03	1.699324E-01	1.181212E-02	1.736106E-02	1.194440E-04	1.589402E-03
8300	S	5.928610E-03	-4.948922E-01	1.094365E-02	0.0	0.0	0.0
8531	G	-2.373671E-02	-7.496399E-02	0.0	0.0	0.0	0.0
8533	G	-1.278842E-02	-7.497078E-02	1.842569E-01	0.0	0.0	0.0
8537	G	1.899971E-02	-7.497078E-02	-1.629642E-01	0.0	0.0	0.0
8539	S	2.991538E-02	-7.497418E-02	0.0	0.0	0.0	0.0
8543	G	-1.138022E-02	0.0	1.841765E-01	0.0	0.0	0.0
8547	G	1.943151E-02	0.0	-1.628615E-01	0.0	0.0	0.0
8561	S	-2.229400E-02	-3.343440E-01	3.053563E-01	0.0	0.0	0.0
8563	G	-1.028905E-02	-3.343636E-01	1.841502E-01	0.0	0.0	0.0
8567	G	1.975612E-02	-3.341657E-01	-1.628264E-01	0.0	0.0	0.0
8569	S	3.173570E-02	-3.341657E-01	-2.842877E-01	0.0	0.0	0.0
8571	G	9.761605E-03	0.0	3.276557E-01	0.0	0.0	0.0
8579	S	4.307646E-03	0.0	-3.088447E-01	0.0	0.0	0.0
9303	S	-1.277845E-02	3.548544E-01	1.822548E-01	0.0	0.0	0.0
9307	S	1.456533E-02	3.548638E-01	-1.626837E-01	0.0	0.0	0.0

9313	G	-1.2[illegible]E-02	-[illegible]E-01	1.822726E-01	0.0	0.0	0.0
9317	G	1.5902[illegible]E-02	-[illegible]E-01	-1.626476E-01	0.0	0.0	0.0
9331	G	-2.5[illegible]E-02	6.267107E-02	3.180798E-01	0.0	0.0	0.0
9333	G	-1.[illegible]E-02	6.[illegible]919E-02	1.825945E-01	0.0	0.0	0.0
9337	G	1.90865[illegible]E-02	6.[illegible]45E-02	-1.630062E-01	0.0	0.0	0.0
9339	G	3.1[illegible]E-02	6.[illegible]41E-02	-2.990547E-01	0.0	0.0	0.0
9341	G	0.0	[illegible]E-01	3.023326E-01	0.0	0.0	0.0
9343	G	-1.134799E-02	[illegible]E-01	1.821690E-01	0.0	0.0	0.0
9347	G	1.9[illegible]E-02	[illegible]E-01	-1.630867E-01	0.0	0.0	0.0
9349	G	0.0	[illegible]E-01	-2.823754E-01	0.0	0.0	0.0
9361	G	-2.380440E-02	6.214363E-01	3.170553E-01	0.0	0.0	0.0
9363	G	-1.001036E-02	6.214416E-01	1.817836E-01	0.0	0.0	0.0
9367	G	1.956785E-02	-6.215483E-01	-1.631033E-01	0.0	0.0	0.0
9369	G	1.328922E-02	-6.215547E-01	-2.987843E-01	0.0	0.0	0.0
9371	G	-2.125077E-02	-4.187974E-01	3.131761E-01	0.0	0.0	0.0
9373	G	0.0	-4.188402E-01	1.729801E-01	0.0	0.0	0.0
9377	G	0.0	-4.190052E-01	-1.525018E-01	0.0	0.0	0.0
9379	G	3.210137E-02	-4.190133E-01	-2.952564E-01	0.0	0.0	0.0
11300	G	-1.120191E-02	1.229240E-01	1.784265E-01	0.0	0.0	0.0
11503	G	-1.270774E-02	2.961674E-01	0.0	0.0	0.0	0.0
11507	G	1.563955E-02	2.961674E-01	0.0	0.0	0.0	0.0
11531	G	-2.493788E-02	-2.723636E-02	0.0	0.0	0.0	0.0
11533	G	-1.274488E-02	-2.722721E-02	1.775401E-01	0.0	0.0	0.0
11537	G	1.897715E-02	-2.724229E-02	-1.628243E-01	0.0	0.0	0.0
11539	G	3.120260E-02	-2.725333E-02	0.0	0.0	0.0	0.0
11543	G	-1.131698E-02	-1.800757E-01	1.775501E-01	0.0	0.0	0.0
11547	G	1.947320E-02	-1.800757E-01	-1.628305E-01	0.0	0.0	0.0
1.561	G	-2.341034E-02	-3.019672E-01	3.114713E-01	0.0	0.0	0.0
11563	G	-9.759162E-03	-3.019988E-01	1.775536E-01	0.0	0.0	0.0
11567	G	1.940608E-02	3.020369E-01	-1.628312E-01	0.0	0.0	0.0
11569	G	3.307601E-02	-3.020285E-01	-2.976723E-01	0.0	0.0	0.0
11571	G	3.852944E-02	0.0	3.198779E-01	0.0	0.0	0.0
11579	G	-2.455246E-02	0.0	-3.081636E-01	0.0	0.0	0.0
11700	G	1.234142E-02	1.434326E-01	-1.153805E-01	0.0	0.0	0.0
13500	G	6.262857E-03	-5.333837E-01	5.277097E-03	0.0	0.0	0.0
13801	G	-2.107726E-02	3.114867E-01	2.706696E-01	0.0	0.0	0.0
13803	G	-1.300545E-02	3.282689E-01	1.728160E-01	0.0	0.0	0.0
13807	G	1.591401E-02	3.282461E-01	-1.630462E-01	0.0	0.0	0.0
13809	G	2.412675E-02	3.114709E-01	-2.606571E-01	0.0	0.0	0.0
13821	G	-2.225943E-02	1.775313E-01	3.019177E-01	0.0	0.0	0.0
13823	G	-1.191476E-02	1.775566E-01	1.727544E-01	0.0	0.0	0.0
13827	G	1.646568E-02	1.775430E-01	-1.629454E-01	0.0	0.0	0.0
13829	G	2.685630E-02	1.775215E-01	-2.920924E-01	0.0	0.0	0.0
13831	G	-2.456483E-02	8.695159E-03	3.062754E-01	0.0	0.0	0.0
13833	G	-1.202744E-02	8.703697E-03	1.727672E-01	0.0	0.0	0.0
13837	G	1.838066E-02	8.702084E-03	-1.629459E-01	0.0	0.0	0.0
13839	G	3.085013E-02	8.696288E-03	-2.964197E-01	0.0	0.0	0.0
13841	G	0.0	-1.427218E-01	3.069485E-01	0.0	0.0	0.0
13843	G	-1.111188E-02	-1.427106E-01	1.728299E-01	0.0	0.0	0.0
13847	G	1.919614E-02	-1.427114E-01	-1.629892E-01	0.0	0.0	0.0
13848	G	1.918091E-02	-1.479288E-01	-1.627370E-01	0.0	0.0	0.0
13849	G	0.0	-1.479223E-01	-2.888222E-01	0.0	0.0	0.0
13861	G	-2.260226E-02	-2.785401E-01	3.070478E-01	0.0	0.0	0.0
13863	G	-9.644460E-03	-2.785411E-01	1.728545E-01	0.0	0.0	0.0
13867	G	1.940903E-02	-2.848856E-01	-1.627112E-01	0.0	0.0	0.0
13869	G	3.270660E-02	-2.848824E-01	-2.971124E-01	0.0	0.0	0.0
13871	G	-2.199022E-02	0.0	3.153272E-01	0.0	0.0	0.0
13879	G	-7.772416E-02	0.0	-2.983773E-01	0.0	0.0	0.0
14801	G	-2.102726E-02	3.252157E-01	2.687993E-01	0.0	0.0	0.0
14803	G	-1.321037E-02	3.419326E-01	1.715070E-01	0.0	0.0	0.0
14807	G	1.613596E-02	3.419288E-01	-1.635420E-01	0.0	0.0	0.0
14809	G	2.412675E-02	3.252108E-01	-2.600339E-01	0.0	0.0	0.0
14821	G	-2.223012E-02	1.918466E-01	2.999819E-01	0.0	0.0	0.0
14823	G	-1.172430E-02	1.918746E-01	1.715070E-01	0.0	0.0	0.0
14827	G	1.628133E-02	1.918688E-01	-1.635420E-01	0.0	0.0	0.0
14829	G	2.682314E-02	1.918380E-01	-2.920183E-01	0.0	0.0	0.0

14831	G	-2.446790E-02	2.381076E-02	3.046705E-01	0.0	0.0	0.0
14833	G	-1.177933E-02	2.381573E-02	1.717033E-01	0.0	0.0	0.0
14837	G	1.816708E-02	2.380381E-02	-1.637395E-01	0.0	0.0	0.0
14839	G	3.076849E-02	2.379538E-02	-2.967139E-01	0.0	0.0	0.0
14841	G	0.0	-1.272929E-01	3.055485E-01	0.0	0.0	0.0
14843	G	-1.105969E-02	-1.273328E-01	1.716628E-01	0.0	0.0	0.0
14847	G	1.916851E-02	-1.273209E-01	-1.637091E-01	0.0	0.0	0.0
14849	G	0.0	-1.272784E-01	-2.976033E-01	0.0	0.0	0.0
14861	G	-2.212212E-02	-2.696366E-01	3.055233E-01	0.0	0.0	0.0
14863	G	-9.594187E-03	-2.695898E-01	1.716338E-01	0.0	0.0	0.0
14867	G	1.947320E-02	-2.695073E-01	-1.636791E-01	0.0	0.0	0.0
14869	G	3.200785E-02	-2.695618E-01	-2.976055E-01	0.0	0.0	0.0
14881	G	-1.921117E-02	-4.995890E-01	2.990807E-01	0.0	0.0	0.0
14883	G	-8.843996E-03	-4.996164E-01	1.714053E-01	0.0	0.0	0.0
14887	G	2.128680E-02	-4.996004E-01	-1.641256E-01	0.0	0.0	0.0
14889	G	3.183762E-02	-4.995698E-01	-2.918974E-01	0.0	0.0	0.0
15211	G	-1.738141E-02	2.913900E-01	2.294037E-01	1.672887E-02	1.656714E-04	1.349824E-03
15215	G	2.092011E-02	2.913918E-01	-2.221578E-01	1.672909E-02	1.620720E-05	1.351434E-03
15601	G	-2.177275E-02	3.187407E-01	2.782629E-01	0.0	0.0	0.0
15603	G	-1.321037E-02	3.526097E-01	1.701965E-01	0.0	0.0	0.0
15607	G	1.613595E-02	3.526186E-01	-1.636701E-01	0.0	0.0	0.0
15609	G	2.504016E-02	3.187500E-01	-2.717469E-01	0.0	0.0	0.0
15621	G	-2.219763E-02	2.025722E-01	2.990636E-01	0.0	0.0	0.0
15623	G	-1.397851E-02	2.025517E-01	1.981336E-01	0.0	0.0	0.0
15625	G	2.281380E-03	2.026947E-01	3.265591E-03	0.0	0.0	0.0
15627	G	1.853823E-02	2.025587E-01	-1.916077E-01	0.0	0.0	0.0
15629	G	2.679639E-02	2.025816E-01	-2.925965E-01	0.0	0.0	0.0
15633	G	-6.665442E-03	0.0	1.976799E-01	0.0	0.0	0.0
15637	G	1.295116E-02	0.0	-1.912464E-01	0.0	0.0	0.0
16481	G	-1.946070E-02	-4.817860E-01	2.969443E-01	0.0	0.0	0.0
16483	G	-1.190222E-02	-4.817767E-01	0.0	0.0	0.0	0.0
16485	G	6.231647E-03	-4.817173E-01	0.0	0.0	0.0	0.0
16487	G	2.439006E-02	-4.818145E-01	0.0	0.0	0.0	0.0
16489	G	3.197988E-02	-4.818345E-01	-2.920246E-01	0.0	0.0	0.0
17105	G	3.351728E-03	-6.336617E-02	1.977261E-03	0.0	0.0	0.0
18601	G	-2.020503E-02	3.606683E-01	2.594793E-01	0.0	0.0	0.0
18603	G	-1.147040E-02	3.937221E-01	1.547994E-01	0.0	0.0	0.0
18607	G	1.448153E-02	3.937169E-01	-1.541396E-01	0.0	0.0	0.0
18609	G	2.359054E-02	3.604631E-01	-2.588195E-01	0.0	0.0	0.0
18621	G	-2.194831E-02	2.442654E-01	2.892926E-01	0.0	0.0	0.0
18623	G	-1.152527E-02	2.443229E-01	1.662169E-01	0.0	0.0	0.0
18625	G	2.298084E-03	2.443485E-01	3.200176E-04	0.0	0.0	0.0
18627	G	1.611165E-02	2.443263E-01	-1.655720E-01	0.0	0.0	0.0
18629	G	2.659247E-02	2.442713E-01	-2.896358E-01	0.0	0.0	0.0
18631	G	-2.158736E-02	7.825184E-02	2.941166E-01	0.0	0.0	0.0
18633	G	0.0	7.809395E-02	1.660330E-01	0.0	0.0	0.0
18635	G	0.0	7.802773E-02	3.151360E-04	0.0	0.0	0.0
18637	G	0.0	7.809085E-02	-1.653972E-01	0.0	0.0	0.0
18639	G	2.806943E-02	7.824361E-02	-2.934788E-01	0.0	0.0	0.0
18641	G	-2.009214E-02	-9.063834E-02	2.964533E-01	1.680395E-02	-4.729524E-05	1.102359E-03
18642	G	-1.784005E-02	-9.068799E-02	2.629182E-01	1.672883E-02	-1.867492E-04	1.152737E-03
18643	G	-1.377190E-02	-9.076029E-02	2.048095E-01	0.0	-3.250188E-04	1.191312E-03
18644	G	-4.789114E-03	-9.045919E-02	9.595340E-02	0.0	0.0	1.499675E-03
18645	G	4.227482E-03	-9.101643E-02	3.079015E-04	0.0	0.0	1.586053E-03
18646	G	1.324370E-02	-9.096384E-02	-9.533799E-02	0.0	0.0	1.499543E-03
18647	G	2.222512E-02	-9.077060E-02	-2.041944E-01	0.0	4.976015E-04	1.191030E-03
18648	G	2.692213E-02	-9.069926E-02	-2.623026E-01	1.672848E-02	3.547145E-04	1.152333E-03
18649	G	2.854298E-02	-9.065022E-02	-2.958344E-01	1.680527E-02	2.114330E-04	1.101514E-03
18651	G	-2.017555E-02	-1.273326E-01	2.964352E-01	1.682457E-02	-2.748265E-05	1.113053E-03
18652	G	-1.743258E-02	-1.273471E-01	2.628804E-01	1.674242E-02	-8.957591E-05	1.128735E-03
18653	G	2.673112E-02	-1.273597E-01	-2.622665E-01	1.674182E-02	2.625820E-04	1.124643E-03
18654	G	2.898618E-02	-1.273463E-01	-2.958204E-01	1.682552E-02	1.922193E-04	1.109359E-03
18656	G	-2.022462E-02	-2.066972E-01	2.963919E-01	1.681764E-02	-8.525083E-06	9.333983E-04
18657	G	-1.834463E-02	-2.066902E-01	2.628223E-01	1.676896E-02	-1.067679E-04	8.992858E-04
18658	G	2.803794E-02	-2.066975E-01	-2.622092E-01	1.676846E-02	2.797123E-04	8.762365E-04
18659	G	2.982074E-02	-2.067037E-01	-2.957791E-01	1.681913E-02	1.762462E-04	9.090779E-04

18661	G	-2.044135E-02	-2.483270E-01	2.963204E-01	1.685854E-02	3.900433E-05	8.457529E-04
18662	G	-1.875709E-02	-2.482955E-01	2.627667E-01	1.675066E-02	1.339196F-04	8.597693E-04
18663	G	-1.563446E-02	-2.482669E-01	2.045392E-01	1.668696E-02	2.385416E-04	9.562250E-04
18664	G	-6.262818E-03	-2.481788E-01	9.589839E-02	0.0	0.0	1.783525E-03
18665	G	5.139023E-03	-2.481514E-01	3.043553E-04	0.0	0.0	2.065987E-03
18666	G	1.653128E-02	-2.481820E-01	-9.528553E-02	0.0	0.0	1.773303E-03
18667	G	2.578458E-02	-2.482734E-01	-2.039280E-01	1.668502E-02	-4.552187E-05	9.365771E-04
18668	G	2.883694E-02	-2.483025E-01	-2.621527E-01	1.674988E-02	4.910381F-05	8.390436E-04
18669	G	3.047819E-02	-2.483339E-01	-2.957073E-01	1.686040E-02	1.439969F-04	8.235509E-04
18681	G	-1.938504E-02	-4.480296E-01	2.926896E-01	0.0	0.0	0.0
18683	G	-1.190613E-02	-4.480099E-01	2.041441E-01	1.668696E-02	4.417263E-04	1.465785E-03
18685	G	6.230947E-03	-4.479892E-01	3.040393E-04	0.0	0.0	0.0
18687	G	2.437208E-02	-4.479932E-01	-2.035344E-01	1.668502E-02	-2.477623F-04	1.465785E-03
18689	G	3.195064E-02	-4.480108E-01	-2.920510E-01	0.0	0.0	0.0
18983	G	-1.206172E-02	-4.423179E-01	1.977155E-01	0.0	2.137876E-03	1.592524E-03
18987	G	2.451244E-02	-4.423068E-01	-1.978088E-01	0.0	-1.960546E-03	1.589583E-03
19741	G	-1.998634E-02	-6.283474E-02	2.946523E-01	1.672225E-02	6.014825E-06	1.330604E-03
19742	G	-9.781066E-03	-5.233963E-02	1.672925E-01	1.664219E-02	8.076039E-05	1.346923E-03
19743	G	-6.840535E-03	-5.237841E-02	1.311784E-01	0.0	8.591742E-05	1.362557E-03
19745	G	4.082218E-03	-5.245527E-02	-7.969253E-04	0.0	0.0	1.367520E-03
19747	G	1.500797E-02	-5.242281E-02	-1.326682E-01	0.0	8.248661E-05	1.363314E-03
19748	G	1.795038E-02	-5.239161E-02	-1.687240E-01	1.661858E-02	8.720245E-05	1.347900E-03
19749	G	2.827111E-02	-6.287873E-02	-2.959082E-01	1.670015E-02	1.599862F-04	1.331897E-03
19751	G	-1.984604E-02	-1.765328E-01	2.946540E-01	1.674742E-02	5.014653E-05	1.410742E-03
19752	G	-9.191103E-03	-1.763442E-01	1.673064E-01	1.664075E-02	7.013042E-05	1.386555E-03
19758	G	1.860450E-02	-1.763360E-01	-1.687359E-01	1.662089E-02	9.743212E-05	1.365818E-03
19759	G	2.925200E-02	-1.765234E-01	-2.959130E-01	1.672475E-02	1.144136E-04	1.409293E-03
19761	G	-1.969633E-02	-2.175743E-01	2.946480E-01	1.664731E-02	6.584714E-05	1.397203E-03
19762	G	-9.025864E-03	-2.175071E-01	1.673142E-01	1.667011E-02	6.620026E-05	1.395628E-03
19763	G	-6.006263E-03	-2.174750E-01	1.311647E-01	0.0	8.001528E-05	1.387770E-03
19765	G	4.918464E-03	-2.174116E-01	-8.148414E-04	0.0	0.0	1.375000E-03
19767	G	1.583709E-02	-2.174349E-01	-1.326469E-01	0.0	8.812830E-05	1.386230E-03
19768	G	1.985289E-02	-2.174607E-01	-1.687445E-01	1.664713E-02	1.012198E-04	1.393656E-03
19769	G	2.950790E-02	-2.175170E-01	-2.959072E-01	1.662590E-02	9.820311E-05	1.395158E-03
21183	G	-1.288977E-02	-4.068912E-01	1.978168E-01	0.0	-1.285071E-03	1.557755E-03
21187	G	2.529370E-02	-4.070434E-01	-2.038861E-01	0.0	1.475829E-03	1.549138E-03
21321	G	-2.024444E-02	2.825014E-01	2.775088E-01	0.0	0.0	0.0
21323	G	-1.109541E-02	2.824935E-01	1.633540E-01	0.0	0.0	0.0
21325	G	2.332216E-03	2.824[illegible]E-01	-1.765298E-03	0.0	0.0	0.0
21327	G	1.577679E-02	2.825[illegible]99E-01	-1.669025E-01	0.0	0.0	0.0
21329	G	2.486719E-02	2.825259E-01	-2.811272E-01	0.0	0.0	0.0
21341	G	-1.988457E-02	-2.998180E-02	2.891927E-01	1.681149E-02	6.402194E-05	1.344374E-03
21343	G	-1.237082E-02	-3.005749E-02	1.954762E-01	0.0	6.519871E-05	1.344065E-03
21345	G	3.807827E-03	-3.023254E-02	-1.748522E-03	0.0	8.638359E-05	1.354555E-03
21347	G	2.021077E-02	-3.003763E-02	-1.989737E-01	0.0	1.075685E-04	1.383114E-03
21349	G	2.795505E-02	-2.995961E-02	-2.928472E-01	1.684121E-02	1.087452E-04	1.387807E-03
21361	G	-1.887872E-02	-2.000174E-01	2.913471E-01	0.0	0.0	0.0
21363	G	-1.136762E-02	-1.999643E-01	2.009615E-01	1.618139E-02	-1.797378E-05	0.0
21364	G	-2.317323E-03	-1.998757E-01	8.952355E-02	0.0	0.0	0.0
21366	G	1.207111E-02	-1.998767E-01	-9.303164E-02	0.0	0.0	0.0
21367	G	2.120856E-02	-1.999623E-01	-2.045383E-01	1.617638E-02	2.228867E-04	0.0
21369	G	2.869967E-02	-2.000366E-01	-2.950117E-01	0.0	0.0	0.0
21383	G	-1.297278E-02	-4.034597E-01	2.000072E-01	1.620410E-02	-3.471461E-04	1.539178E-03
21387	G	2.537588E-02	-4.036272E-01	-2.035192E-01	1.625455E-02	5.488135E-04	1.531530E-03
21485	G	0.0	-4.031534E-01	-1.388331E-03	1.638127E-02	0.0	0.0
21801	G	-1.676938E-02	4.052416E-01	2.294778E-01	0.0	0.0	0.0
21803	G	-9.798750E-03	4.384104E-01	1.406749E-01	0.0	0.0	0.0
21807	G	1.289995E-02	4.384152E-01	-1.452284E-01	0.0	0.0	0.0
21809	G	2.019913E-02	4.052494E-01	-2.340118E-01	0.0	0.0	0.0
21821	G	-1.997827E-02	2.896494E-01	2.748757E-01	0.0	0.0	0.0
21823	G	-1.102580E-02	2.895982E-01	1.634687E-01	0.0	0.0	0.0
21825	G	2.335716E-03	2.895723E-01	-2.276131E-03	0.0	0.0	0.0
21827	G	1.569637E-02	2.896063E-01	-1.680070E-01	0.0	0.0	0.0
21829	G	2.461596E-02	2.896606E-01	-2.794155E-01	0.0	0.0	0.0
22312	G	-1.600023E-02	3.779060E-01	2.213013E-01	0.0	0.0	0.0
22318	G	1.978492E-02	3.779113E-01	-2.266041E-01	0.0	0.0	0.0

22701	G	-1.595550E-02	4.170720E-01	2.197689E-01	0.0	0.0	0.0
22703	G	-8.681558E-03	4.503170E-01	1.272912E-01	0.0	0.0	0.0
22707	G	1.179472E-02	4.503337E-01	-1.333292E-01	0.0	0.0	0.0
22709	G	1.938003E-02	4.170913E-01	-2.258421E-01	0.0	0.0	0.0
22721	G	-1.947802E-02	3.013054E-01	2.696139E-01	0.0	0.0	0.0
22723	G	-1.098420E-02	3.013351E-01	1.629668E-01	0.0	0.0	0.0
22725	G	2.336180E-03	3.013711E-01	-3.214855E-03	0.0	0.0	0.0
22727	G	1.564933E-02	3.013210E-01	-1.690216E-01	0.0	0.0	0.0
22729	G	2.412843E-02	3.012834E-01	-2.757083E-01	0.0	0.0	0.0
23100	G	3.680562E-03	5.691845E-02	-3.439338E-03	0.0	0.0	0.0
25001	G	-1.325316E-02	4.476128E-01	1.930603E-01	0.0	0.0	0.0
25003	G	-8.575417E-03	4.810807E-01	1.265213E-01	0.0	0.0	0.0
25007	G	8.120917E-03	4.812226E-01	-9.146571E-02	0.0	0.0	0.0
25009	G	1.664194E-02	4.476962E-01	-1.999364E-01	0.0	0.0	0.0
25021	G	-1.766828E-02	3.310056E-01	2.551178E-01	0.0	0.0	0.0
25025	G	2.339781E-03	3.309984E-01	-4.352406E-03	0.0	0.0	0.0
25029	G	2.234815E-02	3.310450E-01	-2.652159E-01	0.0	0.0	0.0
25041	G	-1.701329E-02	5.160794E-02	2.666378E-01	0.0	0.0	0.0
25045	G	0.0	5.191907E-02	-3.516471E-03	0.0	0.0	0.0
25049	G	2.457749E-02	5.214146E-02	-2.768948E-01	0.0	0.0	0.0
25061	G	-1.629644E-02	-1.406187E-01	2.666523E-01	0.0	0.0	0.0
25065	G	4.894171E-03	-1.409234E-01	-2.320945E-03	0.0	0.0	0.0
25069	G	2.576058E-02	-1.409027E-01	-2.771512E-01	0.0	0.0	0.0
26801	G	-8.358240E-03	4.873694E-01	1.243598E-01	0.0	0.0	0.0
26809	G	8.261740E-03	4.873700E-01	-9.423393E-02	0.0	0.0	0.0
26821	G	-1.611958E-02	3.545628E-01	2.379023E-01	0.0	0.0	0.0
26825	G	2.339948E-03	3.545868E-01	-6.694868E-03	0.0	0.0	0.0
26829	G	2.085441E-02	3.545648E-01	-2.512625E-01	0.0	0.0	0.0
26841	G	-1.495184E-02	9.383833E-02	2.401593E-01	0.0	0.0	0.0
26845	G	0.0	9.384280E-02	-6.694723E-03	0.0	0.0	0.0
26849	G	2.242255E-02	9.383178E-02	-2.535410E-01	0.0	0.0	0.0
26861	G	-1.421230E-02	-1.095261E-01	2.418975E-01	0.0	0.0	0.0
26865	G	4.701566E-03	-1.095293E-01	-6.697532E-03	0.0	0.0	0.0
26869	G	2.353083E-02	-1.095320E-01	-2.353040E-01	0.0	0.0	0.0
29905	G	1.905259E-03	4.685990E-01	-9.824391E-03	0.0	0.0	0.0
29921	G	-1.209705E-02	3.957800E-01	1.912954E-01	0.0	0.0	0.0
29925	G	2.329176E-03	3.957461E-01	-9.800971E-03	0.0	0.0	0.0
29929	G	1.667451E-02	3.957800E-01	-2.109179E-01	0.0	0.0	0.0
29941	G	-1.438096E-02	1.685201E-01	2.312969E-01	0.0	0.0	0.0
29945	G	0.0	1.685185E-01	-9.928647E-03	0.0	0.0	0.0
29949	G	2.122904E-02	1.685211E-01	-2.507617E-01	0.0	0.0	0.0
29961	G	-1.039813E-02	-5.889421E-02	1.976714E-01	0.0	0.0	0.0
29965	G	4.531756E-03	-5.887839E-02	-9.668879E-03	0.0	0.0	0.0
29969	G	1.926651E-02	-5.889421E-02	-2.170268E-01	0.0	0.0	0.0
30045	G	3.377855E-03	1.650265E-01	-9.747285E-03	1.687136E-02	7.996506E-05	1.206861E-03
31745	G	3.466044E-03	1.673546E-01	-1.115029E-02	1.690457E-02	7.483237E-05	1.141106E-03
33845	G	3.560523E-03	1.686398E-01	-1.265933E-02	1.695631E-02	6.963607E-05	1.076686E-03
35945	G	3.647437E-03	1.681841E-01	-1.404487E-02	1.702261E-02	6.303075E-05	9.893803E-04
38045	G	3.724670E-03	1.656877E-01	-1.527264E-02	1.710827E-02	5.457028E-05	8.922790E-04
40141	G	-2.112189E-02	1.609929E-01	5.242715E-01	1.736644E-02	4.375743E-05	7.999826E-04
40142	G	-1.282397E-02	1.609929E-01	3.441478E-01	1.732604E-02	4.375743E-05	7.982815E-04
40143	G	-3.905265E-03	1.609929E-01	1.506035E-01	1.725844E-02	4.375743E-05	7.954352E-04
40145	G	3.789424E-03	1.609952E-01	-1.629804E-02	1.721616E-02	4.375129E-05	7.937143E-04
40147	G	1.148525E-02	1.609929E-01	-1.832041E-01	1.726168E-02	4.374415E-05	7.962231E-04
40148	G	2.041909E-02	1.609929E-01	-3.768107E-01	1.733346E-02	4.374415E-05	8.000841E-04
40149	G	2.873994E-02	1.609929E-01	-5.570288E-01	1.737637E-02	4.374415E-05	8.023933E-04
42245	G	3.839004E-03	1.540079E-01	-1.708332E-02	1.734575E-02	3.170600E-05	6.885140E-04
44345	G	3.872032E-03	1.445143E-01	-1.760117E-02	1.752383E-02	1.831689E-05	5.743199E-04
45245	G	3.881098E-03	1.395658E-01	-1.774120E-02	1.762777E-02	1.256333E-05	5.215402E-04
46445	G	3.888425E-03	1.323302E-01	-1.785137E-02	1.777517E-02	6.226123E-06	4.585346E-04
48045	G	3.971163E-03	-1.427742E-01	-1.793073E-02	1.813497E-02	4.098995E-06	1.776112E-04
48845	G	3.997184E-03	-2.951502E-01	-1.795398E-02	1.830389E-02	1.737859E-06	7.121926E-05
49745	G	4.004449E-03	-4.520756E-01	-1.795727E-02	1.845813E-02	-4.173949E-07	-6.436849E-06
50645	G	3.996033E-03	-6.105974E-01	-1.794406E-02	1.859570E-02	-1.960704E-06	-4.937260E-05
51545	G	3.975999E-03	-7.706941E-01	-1.791832E-02	1.872072E-02	-3.134876E-06	-6.259444E-05
52045	G	3.947847E-03	-9.362259E-01	-1.789705E-02	1.876733E-02	-3.564067E-06	-6.827182E-05

61912	G	-2.159175E-02	-2.485270E-01	3.189602E-01	1.685552E-02	-4.194309E-05	8.641845E-04
61913	G	-2.153777E-02	-2.268339E-01	3.189602E-01	1.685552E-02	-4.194309E-05	1.258229E-03
61914	G	-2.148773E-02	-2.067253E-01	3.189602E-01	1.685552E-02	-4.194309E-05	9.472270E-04
61916	G	-2.166152E-02	-1.272765E-01	3.189942E-01	1.681310E-02	-4.961301E-05	1.106875E-03
61917	G	-2.161185E-02	-1.104466E-01	3.189942E-01	1.681310E-02	-4.961301E-05	1.359971E-03
61918	G	-2.155286E-02	-9.045589E-02	3.189942E-01	1.681310E-02	-4.961301E-05	1.083962E-03
61922	G	-2.186431E-02	-1.915271E-01	3.191631E-01	1.683611E-02	5.592496E-05	1.219255E-03
61923	G	-2.191352E-02	-1.767113E-01	3.191631E-01	1.683611E-02	5.592496E-05	1.418768E-03
61924	G	-2.195882E-02	-1.630740E-01	3.191631E-01	1.683611E-02	5.592496E-05	1.155302E-03
61926	G	-2.191559E-02	-7.413816E-02	3.191779E-01	1.688363E-02	4.207584E-06	1.286994E-03
61927	G	-2.191845E-02	-6.265730E-02	3.191779E-01	1.688363E-02	4.207584E-06	1.319750E-03
61928	G	-2.192274E-02	-4.543601E-02	3.191779E-01	1.688363E-02	4.207584E-06	1.326098E-03
61934	G	-2.199486E-02	-4.096026E-02	3.164433E-01	1.716576E-02	6.389196E-05	1.277852E-03
61935	G	-2.203575E-02	-2.997417E-02	3.164433E-01	1.716576E-02	6.389197E-05	1.344551E-03
61936	G	-2.208047E-02	-1.795815E-02	3.164433E-01	1.716576E-02	6.389196E-05	1.282064E-03
62211	G	-2.529778E-02	-2.559771E-01	3.699827E-01	0.0	0.0	0.0
62213	G	-2.534060E-02	-2.261495E-01	3.699796E-01	1.705456E-02	-7.237658E-05	1.248094E-03
62217	G	-2.564056E-02	-1.093935E-01	3.700820E-01	1.708522E-02	-1.295393E-04	1.338940E-03
62219	G	-2.570359E-02	-8.553499E-02	3.700827E-01	0.0	0.0	0.0
62221	G	-2.532427E-02	-2.068077E-01	3.697350E-01	1.719956E-02	3.059753E-04	1.247252E-03
62224	G	-2.546715E-02	-1.626263E-01	3.697397E-01	1.693505E-02	-1.360004E-04	1.165678E-03
62226	G	-2.575897E-02	-7.332689E-02	3.697643E-01	1.695091E-02	1.907245E-05	1.290222E-03
62229	G	-2.587699E-02	-3.992167E-02	3.697701E-01	1.707278E-02	1.005280E-04	1.309383E-03
62231	G	-2.577116E-02	-5.678134E-02	3.683541E-01	1.707889E-02	6.069127E-05	1.277044E-03
62239	G	-2.592586E-02	-1.798487E-02	3.683496E-01	1.734095E-02	6.514532E-05	1.281254E-03
62811	G	-3.266751E-02	-2.543111E-01	4.689085E-01	0.0	0.0	0.0
62819	G	-3.314592E-02	-9.624976E-02	4.688972E-01	0.0	0.0	0.0
62821	G	-3.273207E-02	-2.056201E-01	4.684789E-01	0.0	0.0	0.0
62829	G	-3.328088E-02	-5.014692E-02	4.684663E-01	0.0	0.0	0.0
62831	G	-3.315068E-02	-6.628764E-02	4.674246E-01	0.0	0.0	0.0
62839	G	-3.330922E-02	-2.876822E-02	4.674285E-01	0.0	0.0	0.0
63411	G	-4.035790E-02	-2.527988E-01	5.709093E-01	0.0	0.0	0.0
63419	G	-4.077574E-02	-1.072002E-01	5.709043E-01	0.0	0.0	0.0
63421	G	-4.042474E-02	-2.043916E-01	5.704286E-01	0.0	0.0	0.0
63429	G	-4.092176E-02	-6.067685E-02	5.704361E-01	0.0	0.0	0.0
63431	G	-4.080177E-02	-7.613385E-02	5.695464E-01	0.0	0.0	0.0
63439	G	-4.094489E-02	-3.983986E-02	5.695497E-01	0.0	0.0	0.0
64211	G	-5.110078E-02	-2.506378E-01	7.158969E-01	0.0	0.0	0.0
64219	G	-5.153596E-02	-1.227663E-01	7.158887E-01	0.0	0.0	0.0
64221	G	-5.119350E-02	-2.026693E-01	7.152894E-01	0.0	0.0	0.0
64229	G	-5.170892E-02	-7.550244E-02	7.152944E-01	1.705886E-02	6.236177E-05	4.968907E-03
64231	G	-5.158369E-02	-9.011883E-02	7.143718E-01	0.0	0.0	0.0
64239	G	-5.173997E-02	-5.548017E-02	7.143748E-01	0.0	0.0	0.0
65011	G	-6.137231E-02	-2.485067E-01	8.571534E-01	0.0	0.0	0.0
65019	G	-6.190082E-02	-1.380174E-01	8.571400E-01	0.0	0.0	0.0
65021	G	-6.152895E-02	-2.009826E-01	8.563175E-01	0.0	0.0	0.0
65029	G	-6.211892E-02	-9.029692E-02	8.563184E-01	0.0	0.0	0.0
65031	G	-6.197122E-02	-1.038088E-01	8.552527E-01	0.0	0.0	0.0
65039	G	-6.215919E-02	-7.063514E-02	8.552544E-01	0.0	0.0	0.0
65911	G	-7.152700E-02	-2.462654E-01	9.988086E-01	0.0	0.0	0.0
65919	G	-7.219183E-02	-1.534771E-01	9.988776E-01	0.0	0.0	0.0
65921	G	-7.178515E-02	-1.991983E-01	9.976247E-01	0.0	0.0	0.0
65929	G	-7.248157E-02	-1.049903E-01	9.976377E-01	1.712890E-02	1.418689E-04	5.547866E-03
65931	G	-7.229131E-02	-1.175101E-01	9.963949E-01	0.0	0.0	0.0
65939	G	-7.252300E-02	-8.584189E-02	9.963955E-01	0.0	0.0	0.0
71912	G	3.159841E-02	-2.485338E-01	-3.183499E-01	1.685676E-02	2.208717E-04	8.422085E-04
71913	G	3.131415E-02	-2.268392E-01	-3.183499E-01	1.685676E-02	2.208717E-04	1.247249E-03
71914	G	3.105065E-02	-2.067291E-01	-3.183499E-01	1.685676E-02	2.208717E-04	9.222359E-04
71916	G	3.046748E-02	-1.272948E-01	-3.183821E-01	1.681564E-02	2.123652E-04	1.103494E-03
71917	G	3.025490E-02	-1.104624E-01	-3.183821E-01	1.681564E-02	2.123652E-04	1.356210E-03
71918	G	3.000240E-02	-9.046859E-02	-3.183821E-01	1.681564E-02	2.123652E-04	1.082923E-03
71922	G	3.141125E-02	-1.914[illegible]E-01	-3.203891E-01	1.681509E-02	1.069358E-04	1.217496E-03
71923	G	3.131715E-02	-1.767026E-01	-3.203891E-01	1.681509E-02	1.069358E-04	1.417089E-03
71924	G	3.123053E-02	-1.630824E-01	-3.203891E-01	1.681509E-02	1.069358E-04	1.151905E-03
71926	G	3.031413E-02	-7.416701E-02	-3.204033E-01	1.686557E-02	1.600833E-04	1.293830E-03
71927	G	3.020528E-02	-6.269842E-02	-3.204033E-01	1.686557E-02	1.600833E-04	1.321221E-03

71928	G	3.004199E-02	-4.549557E-02	-3.204033E-01	1.686557E-02	1.600833E-04	1.335942E-03
71934	G	3.024646E-02	-4.095421E-02	-3.201485E-01	1.719081E-02	1.088775E-04	1.288648E-03
71935	G	3.017674E-02	-2.995209E-02	-3.201485E-01	1.719081E-02	1.088775E-04	1.388976E-03
71936	G	3.010054E-02	-1.791853E-02	-3.201485E-01	1.719081E-02	1.088775E-04	1.509391E-03
72211	G	3.532194E-02	-2.559802E-01	-3.694996E-01	0.0	0.0	0.0
72213	G	3.508574E-02	-2.261595E-01	-3.694972E-01	1.705496E-02	2.543167E-04	1.239328E-03
72217	G	3.427518E-02	-1.094146E-01	-3.696022E-01	1.709293E-02	2.916143E-04	1.337302E-03
72219	G	3.411407E-02	-8.556843E-02	-3.696032E-01	0.0	0.0	0.0
72221	G	3.499885E-02	-2.067863E-01	-3.709571E-01	1.719677E-02	-1.637387E-04	1.247594E-03
72224	G	3.472787E-02	-1.626304E-01	-3.709621E-01	1.691703E-02	3.044945E-04	1.162587E-03
72226	G	3.417787E-02	-7.335472E-02	-3.709979E-01	1.693302E-02	1.502158E-04	1.296450E-03
72229	G	3.398256E-02	-3.997128E-02	-3.709947E-01	1.706508E-02	4.692771E-05	1.316589E-03
72231	G	3.422753E-02	-5.676292E-02	-3.721539E-01	1.707529E-02	1.293426E-04	1.283484E-03
72239	G	3.402323E-02	-1.795022E-02	-3.721493E-01	1.737238E-02	1.003619E-04	1.303884E-03
72811	G	4.269163E-02	-2.543141E-01	-4.686232E-01	0.0	0.0	0.0
72819	G	4.168306E-02	-9.627795E-02	-4.686099E-01	0.0	0.0	0.0
72821	G	4.241951E-02	-2.055995E-01	-4.698260E-01	0.0	0.0	0.0
72829	G	4.151275E-02	-5.018258E-02	-4.698137E-01	0.0	0.0	0.0
72831	G	4.171789E-02	-6.626278E-02	-4.712209E-01	0.0	0.0	0.0
72839	G	4.152837E-02	-2.874220E-02	-4.712251E-01	0.0	0.0	0.0
73411	G	5.039613E-02	-2.527969E-01	-5.708204E-01	0.0	0.0	0.0
73419	G	4.945308E-02	-1.072288E-01	-5.708147E-01	0.0	0.0	0.0
73421	G	5.012790E-02	-2.043689E-01	-5.719147E-01	0.0	0.0	0.0
73429	G	4.928493E-02	-6.070248E-02	-5.719222E-01	0.0	0.0	0.0
73431	G	4.948014E-02	-7.610148E-02	-5.733151E-01	0.0	0.0	0.0
73439	G	4.928579E-02	-3.981601E-02	-5.733185E-01	0.0	0.0	0.0
74211	G	6.115809E-02	-2.506301E-01	-7.160785E-01	0.0	0.0	0.0
74219	G	6.041111E-02	-1.227702E-01	-7.160698E-01	0.0	0.0	0.0
74221	G	6.092009E-02	-2.026423E-01	-7.169722E-01	0.0	0.0	0.0
74229	G	6.025994E-02	-7.559568E-02	-7.169769E-01	1.705347E-02	9.519067E-05	4.950028E-03
74231	G	6.042057E-02	-9.007877E-02	-7.180459E-01	0.0	0.0	0.0
74239	G	6.025644E-02	-5.545245E-02	-7.180890E-01	0.0	0.0	0.0
75011	G	7.145214E-02	-2.484942E-01	-8.575441E-01	0.0	0.0	0.0
75019	G	7.096863E-02	-1.380331E-01	-8.575834E-01	0.0	0.0	0.0
75021	G	7.127982E-02	-2.009507E-01	-8.581902E-01	0.0	0.0	0.0
75029	G	7.085490E-02	-9.029913E-02	-8.581910E-01	0.0	0.0	0.0
75031	G	7.096314E-02	-1.337628E-01	-8.589115E-01	0.0	0.0	0.0
75039	G	7.084674E-02	-7.060134E-02	-8.589131E-01	0.0	0.0	0.0
75911	G	8.163023E-02	-2.462476E-01	-9.995095E-01	0.0	0.0	0.0
75919	G	8.145195E-02	-1.534631E-01	-9.995789E-01	0.0	0.0	0.0
75921	G	8.156222E-02	-1.991612E-01	-9.996848E-01	0.0	0.0	0.0
75929	G	8.140165E-02	-1.049818E-01	-9.996972E-01	1.712368E-02	1.353763E-05	5.549513E-03
75931	G	8.143890E-02	-1.174588E-01	-9.999995E-01	0.0	0.0	0.0
75939	G	8.138180E-02	-8.580202E-02	-1.000000E 00	0.0	0.0	0.0
122400	G	-5.676970E-03	-6.041337E-01	4.518212E-02	1.842824E-02	2.511822E-03	5.091955E-04
123467	G	2.134995E-02	-1.609705E-01	-2.294099E-01	0.0	0.0	0.0
123487	G	-1.151994E-02	-5.207375E-01	-1.547422E-01	0.0	0.0	0.0
124800	G	-5.676970E-03	-5.919639E-01	-1.485040E-02	1.842824E-02	2.511822E-03	5.091955E-04
125063	G	-1.212116E-02	-1.408187E-01	2.136546E-01	0.0	0.0	0.0
125065	G	2.389124E-03	-1.409234E-01	-3.518184E-02	0.0	0.0	0.0
125067	G	2.164913E-02	-1.409027E-01	-2.771512E-01	0.0	0.0	0.0
125383	G	-2.562109E-02	-4.867541E-01	1.879533E-01	0.0	0.0	0.0
125387	G	1.367434E-02	-4.867541E-01	-2.444130E-01	0.0	0.0	0.0
126863	G	-6.072649E-03	-1.095261E-01	1.612010E-01	0.0	0.0	0.0
126867	G	1.741864E-02	-1.095320E-01	-1.746036E-01	0.0	0.0	0.0
127200	G	-5.676970E-03	-5.793359E-01	-7.714355E-02	1.842824E-02	2.511822E-03	5.091955E-04
189073	G	-1.303804E-02	-4.343144E-01	-1.227214E-01	-9.739235E-03	-1.937952E-04	1.537813E-03
189077	G	2.502283E-02	-4.343144E-01	1.183246E-01	-9.739235E-03	-1.937952E-04	1.537813E-03
200070	G	2.459428E-03	-4.925701E-01	-2.488224E-04	-9.739235E-03	-1.937952E-04	1.537813E-03
200078	G	2.992394E-03	-4.188440E-01	-2.488224E-04	-9.739235E-03	-1.937952E-04	1.537813E-03
200079	G	2.720466E-03	-4.043903E-01	-2.488275E-04	-9.792682E-03	-1.952986E-04	1.537813E-03
200086	G	2.512436E-03	-3.416617E-01	-2.488598E-04	-9.047851E-03	-1.747842E-04	1.537813E-03
200087	G	2.275146E-03	-3.330582E-01	-2.488394E-04	-1.000756E-02	-2.013335E-04	1.537813E-03
200095	G	2.776336E-03	-2.953064E-01	-2.488550E-04	-1.100303E-02	-2.288502E-04	1.537813E-03
200096	G	2.492997E-03	-2.447608E-01	-2.488550E-04	-1.015367E-02	-2.054220E-04	1.537813E-03
200101	G	2.324396E-03	-2.170368E-01	-2.488644E-04	-1.305362E-02	-2.856879E-04	1.537813E-03

200106	G	-3.544868E-04	-1.118363E-01	-2.488832E-04	-1.515277E-02	-3.438077E-04	-1.537813E-03
200114	G	-3.415739E-03	2.062637E-02	-2.489106E-04	-1.787664E-02	-4.191033E-04	-1.537813E-03
200121	G	-6.545119E-03	1.528502E-01	-2.489346E-04	-1.983556E-02	-4.[illegible]659E-04	-1.537813E-03
200129	G	-1.053361E-02	3.189038E-01	-2.489623E-04	-2.159279E-02	-5.216107E-04	-1.537813E-03
200137	G	-1.485337E-02	4.969742E-01	-2.489621E-04	-2.283474E-02	-5.559826E-04	-1.537813E-03
200145	G	-1.939207E-02	6.829880E-01	-2.489621E-04	-2.357981E-02	-5.763612E-04	-1.537813E-03
200153	G	-2.389856E-02	8.671929E-01	-2.489621E-04	-2.381666E-02	-5.829040E-04	-1.537813E-03
200155	G	-2.518678E-02	9.198275E-01	-2.489621E-04	-2.381666E-02	-5.829080E-04	-1.537813E-03
211001	G	5.661551E-02	6.474401E-01	-6.890907E-01	1.795752E-02	-6.321074E-05	-1.228029E-03
211002	G	-5.713018E-02	6.476071E-01	7.039173E-01	1.796025E-02	2.413075E-04	-1.225473E-03
211073	G	-1.303804E-02	-4.008209E-01	-1.185006E-01	-9.739235E-03	-1.937952E-04	-1.537813E-03
211077	G	2.502283E-02	-4.008209E-01	1.225455E-01	-9.739235E-03	-1.937952E-04	-1.537813E-03
214075	G	5.992398E-03	-3.965457E-01	2.561208E-03	-9.739235E-03	-1.937952E-04	-1.537813E-03
214901	G	5.661551E-02	6.958613E-01	-6.865984E-01	1.795752E-02	-6.321074E-05	-1.228029E-03
214902	G	-5.713018E-02	6.959275E-01	6.964026E-01	1.796025E-02	2.413075E-04	-1.225473E-03
215101	G	4.190915E-02	3.655921E-01	-4.900319E-01	1.757401E-02	-7.751369E-06	-1.323352E-03
215102	G	-3.912770E-02	3.655977E-01	4.974084E-01	1.757630E-02	1.855025E-04	-1.322074E-03
215201	G	2.092011E-02	2.913918E-01	-2.221578E-01	1.692526E-02	4.526913E-05	-1.398853E-03
215202	G	-1.738141E-02	2.913900E-01	2.294037E-01	1.692613E-02	1.324167E-04	-1.398318E-03
222001	G	5.659083E-02	7.830135E-01	-6.807315E-01	1.753803E-02	-1.099885E-04	-1.268693E-03
222002	G	-5.710487E-02	7.829259E-01	6.758709E-01	1.753497E-02	2.906139E-04	-1.267818E-03
222201	G	4.048585E-02	4.618217E-01	-4.892890E-01	1.714037E-02	-6.131406E-05	-1.322769E-03
222202	G	-3.761905E-02	4.618008E-01	4.840511E-01	1.713669E-02	2.430489E-04	-1.323352E-03
222301	G	1.978492E-02	3.779113E-01	-2.266041E-01	1.671543E-02	2.010931E-05	-1.329673E-03
222302	G	-1.600023E-02	3.779060E-01	2.213013E-01	1.671338E-02	1.617460E-04	-1.329094E-03
223401	G	5.659083E-02	8.014730E-01	-6.791311E-01	1.753803E-02	-1.099885E-04	-1.268693E-03
223402	G	-5.710487E-02	8.013726E-01	6.716424E-01	1.753497E-02	2.906139E-04	-1.267818E-03
520018	G	4.070707E-03	-9.362259E-01	1.588349E-02	1.876651E-02	-3.564067E-06	-6.825520E-05
520024	G	4.113026E-03	-9.362259E-01	2.751875E-02	1.876658E-02	-3.564067E-06	-6.824957E-05
520057	G	4.336469E-03	-9.362264E-01	8.889931E-02	1.878133E-02	-3.564067E-06	-6.853514E-05
520065	G	4.388627E-03	-9.362265E-01	1.031769E-01	1.879167E-02	-3.564067E-06	-6.873440E-05
520069	G	4.414078E-03	-9.362265E-01	1.101308E-01	1.879708E-02	-3.564067E-06	-6.883698E-05
520079	G	4.488580E-03	-9.362277E-01	1.304399E-01	1.881202E-02	-3.564067E-06	-6.912056E-05
520135	G	4.877986E-03	-9.362355E-01	2.354535E-01	1.887947E-02	-3.564067E-06	-7.040349E-05
520139	G	4.906841E-03	-9.362363E-01	2.431945E-01	1.888139E-02	-3.564067E-06	-7.043546E-05
520152	G	4.999150E-03	-9.362386E-01	2.679313E-01	1.888383E-02	-3.564067E-06	-7.047952E-05
520185	G	5.231589E-03	-9.362386E-01	3.302100E-01	1.888383E-02	-3.564067E-06	-7.047952E-05

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.936966E 03

REAL EIGENVECTOR NO. 9

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-8.299336E-03	-2.010362E-01	6.275337E-03	0.0	0.0	0.0
3339	G	6.239034E-03	-2.010421E-01	7.305901E-03	0.0	0.0	0.0
3341	G	-9.725153E-03	-2.023349E-01	6.632473E-03	0.0	0.0	0.0
3349	G	8.484535E-03	-2.023141E-01	6.953929E-03	0.0	0.0	0.0
4631	G	-1.802265E-02	-1.817235E-01	4.637487E-03	0.0	0.0	0.0
4633	G	-1.479033E-02	-1.821353E-01	4.927132E-03	0.0	0.0	0.0
4637	G	1.232694E-02	-1.821185E-01	7.188592E-03	0.0	0.0	0.0
4639	G	1.596233E-02	-1.817182E-01	7.476721E-03	0.0	0.0	0.0
4641	G	-1.853151E-02	-1.808714E-01	4.529558E-03	0.0	0.0	0.0
4649	G	1.729485E-02	-1.808797E-01	7.584650E-03	0.0	0.0	0.0
4661	G	-1.358786E-02	-1.798346E-01	4.852079E-03	0.0	0.0	0.0
4669	G	1.322951E-02	-1.798685E-01	7.261515E-03	0.0	0.0	0.0
6123	G	-1.673379E-02	-1.600854E-01	3.048121E-03	0.0	0.0	0.0
6127	G	1.368210E-02	-1.601047E-01	7.299908E-03	0.0	0.0	0.0
6131	G	-2.191523E-02	-1.590696E-01	2.393034E-03	0.0	0.0	0.0
6133	G	-1.616173E-02	-1.590664E-01	3.028026E-03	0.0	0.0	0.0
6137	G	1.370151E-02	-1.590725E-01	7.319499E-03	0.0	0.0	0.0
6139	G	1.945224E-02	-1.590760E-01	7.955365E-03	0.0	0.0	0.0
6141	G	-2.221463E-02	-1.576968E-01	2.353983E-03	0.0	0.0	0.0
6143	G	-1.506631E-02	-1.576980E-01	2.957804E-03	0.0	0.0	0.0
6147	G	1.349465E-02	-1.577275E-01	7.386923E-03	0.0	0.0	0.0
6149	G	2.066062E-02	-1.577270E-01	7.990763E-03	0.0	0.0	0.0
6161	G	-2.236362E-02	-1.569198E-01	2.376417E-03	0.0	0.0	0.0
6163	G	-1.432718E-02	-1.569224E-01	2.899194E-03	0.0	0.0	0.0
6167	G	1.345367E-02	-1.569619E-01	7.440679E-03	0.0	0.0	0.0
6169	G	2.146793E-02	-1.569597E-01	7.969636E-03	0.0	0.0	0.0
6171	G	-1.329415E-02	-1.680728E-01	3.494278E-03	0.0	0.0	0.0
6179	G	1.347988E-02	-1.680316E-01	7.655855E-03	0.0	0.0	0.0
7031	G	-2.368794E-02	-1.447781E-01	0.0	0.0	0.0	0.0
7033	G	-1.612708E-02	-1.447732E-01	1.538543E-03	0.0	0.0	0.0
7037	G	1.367502E-02	-1.447732E-01	7.721562E-03	0.0	0.0	0.0
7039	G	2.122565E-02	-1.447753E-01	0.0	0.0	0.0	0.0
7043	G	-1.504834E-02	0.0	1.647183E-03	0.0	0.0	0.0
7047	G	1.347885E-02	0.0	7.582087E-03	0.0	0.0	0.0
7061	G	-2.361921E-02	-1.412922E-01	2.747748E-03	0.0	0.0	0.0
7063	G	-1.431965E-02	-1.412922E-01	1.681561E-03	0.0	0.0	0.0
7067	G	1.349247E-02	-1.414261E-01	7.535864E-03	0.0	0.0	0.0
7069	G	2.280563E-02	-1.414086E-01	5.692139E-03	0.0	0.0	0.0
7071	G	-3.199475E-02	0.0	1.672857E-02	0.0	0.0	0.0
7079	G	3.305804E-02	0.0	-8.341543E-03	0.0	0.0	0.0
7505	G	-2.305990E-03	-1.423921E-01	4.290946E-03	-3.091509E-04	7.199730E-05	1.490105E-03
8300	G	4.563879E-04	-1.193148E-01	3.778430E-03	0.0	0.0	0.0
8531	G	-2.651230E-02	-1.231770E-01	0.0	0.0	0.0	0.0
8533	G	-1.612708E-02	-1.232114E-01	4.967425E-04	0.0	0.0	0.0
8537	G	1.367502E-02	-1.232114E-01	6.679758E-03	0.0	0.0	0.0
8539	G	2.398327E-02	-1.231964E-01	0.0	0.0	0.0	0.0
8543	G	-1.500239E-02	0.0	4.561082E-04	0.0	0.0	0.0
8547	G	1.368222E-02	0.0	6.739032E-03	0.0	0.0	0.0
8561	G	-2.545729E-02	-1.173758E-01	-4.606035E-04	0.0	0.0	0.0
8563	G	-1.418027E-02	-1.174039E-01	4.423715E-04	0.0	0.0	0.0
8567	G	1.346279E-02	-1.170894E-01	6.763019E-03	0.0	0.0	0.0
8569	G	2.471965E-02	-1.170894E-01	6.803308E-03	0.0	0.0	0.0
8571	G	-3.157694E-02	0.0	1.198985E-02	0.0	0.0	0.0
8579	G	3.249931E-02	0.0	-5.688380E-03	0.0	0.0	0.0
9303	G	-1.591484E-02	-1.203800E-01	-4.981081E-04	0.0	0.0	0.0
307	G	1.178227E-02	-1.203715E-01	6.677259E-03	0.0	0.0	0.0

9313	G	-1.591310E-02	-1.184735E-01	-6.427774E-04	0.0	0.0	0.0
9317	G	1.243284E-02	-1.184312E-01	6.675441E-03	0.0	0.0	0.0
9331	G	-2.804273E-02	-1.112710E-01	-4.223514E-03	0.0	0.0	0.0
9333	G	-1.610519E-02	-1.113140E-01	-2.580236E-04	0.0	0.0	0.0
9337	G	1.366756E-02	-1.115381E-01	6.511930E-03	0.0	0.0	0.0
9339	G	2.545936E-02	-1.115426E-01	9.308584E-03	0.0	0.0	0.0
9341	G	0.0	-1.022956E-01	-1.141292E-02	0.0	0.0	0.0
9343	G	-1.495902E-02	-1.021627E-01	-5.798135E-04	0.0	0.0	0.0
9347	G	1.352893E-02	-1.018942E-01	6.574217E-03	0.0	0.0	0.0
9349	G	0.0	-1.019087E-01	1.563536E-02	0.0	0.0	0.0
9361	G	-2.664712E-02	-9.707671E-02	-4.230976E-03	0.0	0.0	0.0
9363	G	-1.388837E-02	-9.708989E-02	-9.201330E-04	0.0	0.0	0.0
9367	G	1.319620E-02	-9.720268E-02	6.666906E-03	0.0	0.0	0.0
9369	G	2.586690E-02	-9.719026E-02	9.117547E-03	0.0	0.0	0.0
9371	G	-2.459050E-02	-9.244531E-02	-4.604593E-03	0.0	0.0	0.0
9373	G	0.0	-9.251863E-02	-4.531644E-03	0.0	0.0	0.0
9377	G	0.0	-9.280175E-02	9.845834E-03	0.0	0.0	0.0
9379	G	2.448397E-02	-9.282690E-02	9.344894E-03	0.0	0.0	0.0
11300	G	-1.488171E-02	-8.527905E-02	-2.892305E-03	0.0	0.0	0.0
11503	G	-1.589708E-02	-8.687675E-02	0.0	0.0	0.0	0.0
11507	G	1.220142E-02	-8.687675E-02	0.0	0.0	0.0	0.0
11531	G	-2.756325E-02	-7.717830E-02	0.0	0.0	0.0	0.0
11533	G	-1.583007E-02	-7.716513E-02	-3.222760E-03	0.0	0.0	0.0
11537	G	1.335438E-02	-7.721949E-02	6.851070E-03	0.0	0.0	0.0
11539	G	2.515159E-02	-7.723665E-02	0.0	0.0	0.0	0.0
11543	G	-1.476018E-02	-7.101411E-02	-3.210834E-03	0.0	0.0	0.0
11547	G	1.340251E-02	-7.101411E-02	6.854638E-03	0.0	0.0	0.0
11561	G	-2.568879E-02	-6.652260E-02	-8.887608E-03	0.0	0.0	0.0
11563	G	-1.343350E-02	-6.653160E-02	-3.200739E-03	0.0	0.0	0.0
11567	G	1.275310E-02	-6.677669E-02	6.856170E-03	0.0	0.0	0.0
11569	G	2.500293E-02	-6.677103E-02	1.168527E-02	0.0	0.0	0.0
11571	G	-2.462012E-02	0.0	-1.741925E-03	0.0	0.0	0.0
11579	G	2.530964E-02	0.0	4.610226E-03	0.0	0.0	0.0
11700	G	8.675527E-03	-8.252519E-02	5.477179E-03	0.0	0.0	0.0
13500	G	2.714666E-04	-2.306468E-02	6.669073E-04	0.0	0.0	0.0
13801	G	-2.328778E-02	-5.423746E-02	-9.911995E-03	0.0	0.0	0.0
13803	G	-1.557202E-02	-5.495249E-02	-6.076191E-03	0.0	0.0	0.0
13807	G	1.206059E-02	-5.496432E-02	6.827942E-03	0.0	0.0	0.0
13809	G	1.983977E-02	-5.424026E-02	1.072513E-02	0.0	0.0	0.0
13821	G	-2.485967E-02	-4.890893E-02	-1.114682E-02	0.0	0.0	0.0
13823	G	-1.483187E-02	-4.888149E-02	-6.147940E-03	0.0	0.0	0.0
13827	G	1.191083E-02	-4.886668E-02	6.944638E-03	0.0	0.0	0.0
13829	G	2.200165E-02	-4.889310E-02	1.197678E-02	0.0	0.0	0.0
13831	G	-2.709236E-02	-4.260771E-02	-1.140694E-02	0.0	0.0	0.0
13833	G	-1.493154E-02	-4.260829E-02	-6.173171E-03	0.0	0.0	0.0
13837	G	1.262128E-02	-4.259514E-02	6.978996E-03	0.0	0.0	0.0
13839	G	2.467413E-02	-4.258506E-02	1.227837E-02	0.0	0.0	0.0
13841	G	0.0	-3.645698E-02	-1.184242E-02	0.0	0.0	0.0
13843	G	-1.412517E-02	-3.650031E-02	-6.129637E-03	0.0	0.0	0.0
13847	G	1.294334E-02	-3.653032E-02	6.949466E-03	0.0	0.0	0.0
13848	G	1.251525E-02	-4.154454E-02	6.844088E-03	0.0	0.0	0.0
13849	G	0.0	-4.152711E-02	2.953406E-03	0.0	0.0	0.0
13861	G	-2.375841E-02	-3.046952E-02	-1.196185E-02	0.0	0.0	0.0
13863	G	-1.263598E-02	-3.047306E-02	-6.106343E-03	0.0	0.0	0.0
13867	G	1.211318E-02	-4.023824E-02	6.658636E-03	0.0	0.0	0.0
13869	G	2.386358E-02	-4.023324E-02	1.261417E-02	0.0	0.0	0.0
13871	G	-2.228528E-02	0.0	-1.106103E-02	0.0	0.0	0.0
13879	G	2.554120E-02	0.0	1.951199E-03	0.0	0.0	0.0
14801	G	-2.328778E-02	-4.041545E-02	-1.094556E-02	0.0	0.0	0.0
14803	G	-1.524432E-02	-4.109694E-02	-6.838933E-03	0.0	0.0	0.0
14807	G	1.172293E-02	-4.109564E-02	6.933969E-03	0.0	0.0	0.0
14809	G	1.983977E-02	-4.041621E-02	1.103243E-02	0.0	0.0	0.0
14821	G	-2.477480E-02	-3.482578E-02	-1.225304E-02	0.0	0.0	0.0
14823	G	-1.469801E-02	-3.484419E-02	-6.838933E-03	0.0	0.0	0.0
14827	G	1.178517E-02	-3.485664E-02	6.933969E-03	0.0	0.0	0.0
14829	G	2.191481E-02	-3.484211E-02	1.233580E-02	0.0	0.0	0.0

14831	G	-2.698541E-02	-2.792937E-02	-1.244058E-02	0.0	0.0	0.0
14833	G	-1.456279E-02	-2.794589E-02	-6.893519E-03	0.0	0.0	0.0
14837	G	1.231439E-02	-2.796634E-02	6.987535E-03	0.0	0.0	0.0
14839	G	2.458978E-02	-2.795427E-02	1.251878E-02	0.0	0.0	0.0
14841	G	0.0	-2.212410E-02	-1.260340E-02	0.0	0.0	0.0
14843	G	-1.381285E-02	-2.219610E-02	-7.000566E-03	0.0	0.0	0.0
14847	G	1.224577E-02	-2.218710E-02	7.091939E-03	0.0	0.0	0.0
14849	G	0.0	-2.211210E-02	1.266599E-02	0.0	0.0	0.0
14861	G	-2.267364E-02	-1.630014E-02	-1.281438E-02	0.0	0.0	0.0
14863	G	-1.229262E-02	-1.615063E-02	-7.044937E-03	0.0	0.0	0.0
14867	G	1.163518E-02	-1.610084E-02	7.153504E-03	0.0	0.0	0.0
14869	G	2.215418E-02	-1.624973E-02	1.283709E-02	0.0	0.0	0.0
14881	G	-2.166400E-02	-1.168821E-03	-1.279931E-02	0.0	0.0	0.0
14883	G	-1.242900E-02	-1.188844E-03	-7.065a99E-03	0.0	0.0	0.0
14887	G	1.293287E-02	-1.184386E-03	6.858540E-03	0.0	0.0	0.0
14889	G	2.227399E-02	-1.166016E-03	1.249794E-02	0.0	0.0	0.0
15212	G	-1.967699E-02	-3.353655E-02	-9.519264E-03	-6.970733E-04	6.090493E-05	1.324597E-03
15218	G	1.639211E-02	-3.352918E-02	9.340953E-03	-6.955403E-04	6.938713E-06	1.327432E-03
15601	G	-2.299709E-02	-2.919452E-02	-1.179038E-02	0.0	0.0	0.0
15603	G	-1.524432E-02	-3.061938E-02	-7.320691E-03	0.0	0.0	0.0
15607	G	1.172293E-02	-3.059565E-02	6.879084E-03	0.0	0.0	0.0
15609	G	1.952976E-02	-2.917332E-02	1.125310E-02	0.0	0.0	0.0
15621	G	-2.460079E-02	-2.442388E-02	-1.264095E-02	0.0	0.0	0.0
15623	G	-1.691008E-02	-2.436663E-02	-8.484d03E-03	0.0	0.	0.0
15625	G	-1.461505E-03	-2.434322E-02	-2.165701E-04	0.0	0.0	0.0
15627	G	1.403198E-02	-2.435666E-02	8.040637E-03	0.0	0.0	0.0
15629	G	2.175239E-02	-2.441419E-02	1.209343E-02	0.0	0.0	0.0
15633	G	-1.926693E-02	0.0	-8.358672E-03	0.0	0.0	0.0
15637	G	1.711886E-02	0.0	7.935110E-03	0.0	0.0	0.0
16481	G	-2.154924E-02	1.384589E-02	-1.359712E-02	0.0	0.0	0.0
16483	G	-1.517401E-02	1.383650E-02	0.0	0.0	0.0	0.0
16485	G	2.569654E-04	1.383816E-02	0.0	0.0	0.0	0.0
16487	G	1.570366E-02	1.381796E-02	0.0	0.0	0.0	0.0
16489	G	2.215455E-02	1.382103E-02	1.240333E-02	0.0	0.0	0.0
17100	G	-7.674533E-04	5.162269E-03	-7.953241E-04	0.0	0.0	0.0
18601	G	-2.394736E-02	9.924151E-03	-1.259367E-02	0.0	0.0	0.0
18603	G	-1.286315E-02	8.521009E-03	-8.131523E-03	0.0	0.0	0.0
18607	G	9.721648E-03	8.511942E-03	5.253352E-03	0.0	0.0	0.0
18609	G	1.792774E-02	9.888612E-03	9.663183E-03	0.0	0.0	0.0
18621	G	-2.262341E-02	1.445997E-02	-1.378904E-02	0.0	0.0	0.0
18623	G	-1.310099E-02	1.456336E-02	-8.586947E-03	0.0	0.0	0.0
18625	G	-1.419976E-03	1.458427E-02	-1.420955E-03	0.0	0.0	0.0
18627	G	1.013897E-02	1.459464E-02	5.719785E-03	0.0	0.0	0.0
18629	G	1.970802E-02	1.443584E-02	1.082873E-02	0.0	0.0	0.0
18631	G	-2.228358E-02	2.000932E-02	-1.407371E-02	0.0	0.0	0.0
18633	G	0.0	2.002395E-02	-8.579377E-03	0.0	0.0	0.0
18635	G	0.0	2.004749E-02	-1.410363E-03	0.0	0.0	0.0
18637	G	0.0	2.001844E-02	5.746514E-03	0.0	0.0	0.0
18639	G	2.035199E-02	2.001878E-02	1.119934E-02	0.0	0.0	0.0
18641	G	-1.821136E-02	2.562661E-02	-1.434315E-02	-7.589122E-04	5.272013E-05	1.027812E-03
18642	G	-1.615860E-02	2.564566E-02	-1.285793E-02	-7.383816E-04	4.178339E-05	1.024770E-03
18643	G	-1.260171E-02	2.566900E-02	-1.028694E-02	0.0	3.097679E-05	1.022081E-03
18644	G	-5.958114E-03	2.575232E-02	-5.535193E-03	0.0	0.0	9.984290E-04
18645	G	-2.045619E-04	2.577658E-02	-1.394001E-03	0.0	0.0	9.910783E-04
18646	G	5.542852E-03	2.575659E-02	2.751482E-03	0.0	0.0	9.963093E-04
18647	G	1.216456E-02	2.568004E-02	7.517297E-03	0.0	-1.246943E-05	1.017550E-03
18648	G	1.570536E-02	2.565934E-02	1.008419E-02	-7.368212E-04	-4.571905E-05	1.020076E-03
18649	G	1.774872E-02	2.564214E-02	1.156541E-02	-7.580630E-04	-7.906051E-05	1.023167E-03
18651	G	-1.810482E-02	2.725963E-02	-1.437416E-02	-7.480385E-04	4.074610E-05	9.929974E-04
18652	G	-1.611901E-02	2.727219E-02	-1.286329E-02	-7.538754E-04	-2.021313E-05	9.945184E-04
18653	G	1.563358E-02	2.728334E-02	1.009365E-02	-7.532171E-04	2.765248E-05	9.769206E-04
18654	G	1.758698E-02	2.727198E-02	1.160108E-02	-7.445270E-04	-6.261583E-05	9.780612E-04
18656	G	-1.800260E-02	3.089377E-02	-1.440308E-02	-7.800320E-04	5.125370E-06	8.768786E-04
18657	G	-1.622415E-02	3.089513E-02	-1.287460E-02	-7.577043E-04	-3.965973E-06	8.990511E-04
18658	G	1.581189E-02	3.088992E-02	1.010879E-02	-7.583548E-04	1.750500E-05	8.116027E-04
18659	G	1.741442E-02	3.088857E-02	1.164019E-02	-7.819594E-04	-1.542915E-05	7.877864E-04

18661	G	-1.818893E-02	3.280110E-02	-1.441826E-02	-7.701642E-04	-1.204646E-04	9.061648E-04
18662	G	-1.634801E-02	3.279704E-02	-1.288480E-02	-7.629774E-04	-1.566299E-04	9.365940E-04
18663	G	-1.305656E-02	3.279006E-02	-1.023611E-02	-7.694750E-04	-1.926956E-04	9.590918E-04
18664	G	-6.224163E-03	3.278143E-02	-5.526219E-03	0.0	0.0	1.096701E-03
18665	G	2.687208E-04	3.277834E-02	-1.391209E-03	0.0	0.0	1.127645E-03
18666	G	6.620366E-03	3.277821E-02	2.746448E-03	0.0	0.0	1.047914E-03
18667	G	1.298336E-02	3.278191E-02	7.472340E-03	-7.707048E-04	2.429044E-04	8.653132E-04
18668	G	1.594091E-02	3.278722E-02	1.012345E-02	-7.643111E-04	1.852926E-04	8.389428E-04
18669	G	1.758511E-02	3.279976E-02	1.166026E-02	-7.691283E-04	1.275212E-04	8.079913E-04
18681	G	-2.129711E-02	4.198858E-02	-1.423179E-02	0.0	0.0	0.0
18683	G	-1.540002E-02	4.200068E-02	-1.021560E-02	-7.694750E-04	-1.973727E-04	1.265269E-03
18685	G	2.576921E-04	4.198451E-02	-1.392606E-03	0.0	0.0	0.0
18687	G	1.591543E-02	4.200725E-02	7.454146E-03	-7.707048E-04	2.439250E-04	1.265269E-03
18689	G	2.185920E-02	4.199597E-02	1.147475E-02	0.0	0.0	0.0
18983	G	-1.544800E-02	4.696883E-02	-9.600427E-03	0.0	-1.041370E-04	1.415289E-03
18987	G	1.595990E-02	4.697517E-02	6.829485E-03	0.0	6.818394E-05	1.415197E-03
19741	G	-1.753263E-02	4.198200E-02	-1.454965E-02	-7.852158E-04	3.522600E-05	1.000776E-03
19742	G	-9.939082E-03	4.154590E-02	-8.740947E-03	-7.475072E-04	6.411095E-06	9.913321E-04
19743	G	-7.801186E-03	4.155700E-02	-7.116660E-03	0.0	1.011665E-06	9.795805E-04
19745	G	-1.429450E-04	4.157580E-02	-1.124046E-03	0.0	0.0	9.603812E-04
19747	G	7.507276E-03	4.155970E-02	4.868232E-03	0.0	-2.396310E-05	9.775551E-04
19748	G	9.640198E-03	4.154948E-02	6.492488E-03	-7.474695E-04	-3.018518E-05	9.887854E-04
19749	G	1.719899E-02	4.198867E-02	1.229976E-02	-7.848244E-04	-6.540940E-05	9.988262E-04
19751	G	-1.726232E-02	4.736325E-02	-1.453411E-02	-8.157855E-04	5.307140E-05	9.635543E-04
19752	G	-9.880930E-03	4.731502E-02	-8.744683E-03	-7.356263E-04	1.096543E-05	9.674232E-04
19758	G	9.404588E-03	4.731165E-02	6.495982E-03	-7.353059E-04	-3.635569E-05	9.607582E-04
19759	G	1.672624E-02	4.735631E-02	1.228360E-02	-8.157594E-04	-8.337725E-05	9.534226E-04
19761	G	-1.711817E-02	4.920214E-02	-1.453410E-02	-7.498947E-04	6.091953E-05	9.510540E-04
19762	G	-9.851903E-03	4.916869E-02	-8.746859E-03	-7.588067E-04	1.209904E-05	9.511958E-04
19763	G	-7.786863E-03	4.917694E-02	-7.110994E-03	0.0	3.865777E-06	9.519628E-04
19765	G	-2.475500E-04	4.916432E-02	-1.124467E-03	0.0	0.0	9.510398E-04
19767	G	7.263914E-03	4.917429E-02	4.862513E-03	0.0	-2.774279E-05	9.449306E-04
19768	G	9.311587E-03	4.918215E-02	6.498009E-03	-7.595117E-04	-3.814996E-05	9.422102E-04
19769	G	1.650748E-02	4.920231E-02	1.228325E-02	-7.498867E-04	-9.107082E-05	9.417287E-04
21183	G	-1.553486E-02	8.326336E-02	-1.128130E-02	0.0	-1.179338E-04	1.833937E-03
21187	G	1.602354E-02	8.327317E-02	1.019229E-02	0.0	1.533400E-04	1.834629E-03
21321	G	-1.754386E-02	5.069957E-02	-1.467434E-02	0.0	0.0	0.0
21323	G	-1.111833E-02	5.064526E-02	-8.954789E-03	0.0	0.0	0.0
21325	G	-1.223917E-03	5.061904E-02	-6.054055E-04	0.0	0.0	0.0
21327	G	8.797511E-03	5.066092E-02	7.737264E-03	0.0	0.0	0.0
21329	G	1.512987E-02	5.072864E-02	1.344849E-02	0.0	0.0	0.0
21341	G	-1.547961E-02	6.900549E-02	-1.546620E-02	-8.518989E-04	-2.588995E-04	1.094939E-03
21343	G	-1.009779E-02	6.897295E-02	-1.067134E-02	0.0	-2.465483E-04	1.014576E-03
21345	G	-2.292229E-04	6.892300E-02	-6.066614E-04	0.0	-2.419674E-05	7.277399E-04
21347	G	9.709287E-03	6.895918E-02	9.451021E-03	0.0	1.981550E-04	1.026233E-03
21349	G	1.565994E-02	6.898743E-02	1.426851E-02	-8.523508E-04	2.105061E-04	1.107905E-03
21361	G	-1.573437E-02	7.750803E-02	-1.556907E-02	0.0	0.0	0.0
21363	G	-1.142684E-02	7.760590E-02	-1.091973E-02	-7.734129E-04	-3.396526E-04	0.0
21364	G	-4.470099E-03	7.760364E-02	-5.330771E-03	0.0	0.0	0.0
21366	G	3.872027E-03	7.757646E-02	4.103612E-03	0.0	0.0	0.0
21367	G	1.059751E-02	7.757425E-02	9.695809E-03	-7.762490E-04	4.480435E-04	0.0
21369	G	1.515720E-02	7.746583E-02	1.432203E-02	0.0	0.0	0.0
21383	G	-1.552453E-02	8.734792E-02	-1.084264E-02	-7.782339E-04	-2.986626E-04	1.843249E-03
21387	G	1.601036E-02	8.735943E-02	9.609271E-03	-7.828677E-04	3.957618E-04	1.844085E-03
21485	G	0.0	8.857423E-02	-6.747651E-04	-8.363796E-04	0.0	0.0
21801	G	-1.502027E-02	4.964591E-02	-1.241523E-02	0.0	0.0	0.0
21803	G	-1.000404E-02	4.792554E-02	-7.837538E-03	0.0	0.0	0.0
21807	G	-1.083323E-03	4.793580E-02	6.070942E-03	0.0	0.0	0.0
21809	G	-4.981174E-02	4.965586E-02	1.069475E-02	0.0	0.0	0.0
21821	G	-1.733[illegible]E-02	5.569581E-02	-1.487231E-02	0.0	0.0	0.0
21823	G	-1.079240E-02	5.567336E-02	-9.064272E-03	0.0	0.0	0.0
21825	G	-1.201301E-03	5.565361E-02	-8.814659E-04	0.0	0.0	0.0
21827	G	8.465800E-03	5.569369E-02	7.322095E-03	0.0	0.0	0.0
21829	G	1.468595E-02	5.573478E-02	1.318073E-02	0.0	0.0	0.0
22312	G	-1.425252E-02	5.546351E-02	-1.228340E-02	0.0	0.0	0.0
22318	G	1.156218E-02	5.546746E-02	1.022894E-02	0.0	0.0	0.0

22701	G	-1.408508E-02	5.815371E-02	-1.[illegible]	0.0	0.0	0.0
22703	G	-8.950226E-03	5.660855E-02	-4.[illegible]	0.0	0.0	0.0
22707	G	6.037120E-03	5.659399E-02	[illegible]	0.0	0.0	0.0
22709	G	1.124978E-02	5.816844E-02	1.[illegible]	0.0	0.0	0.0
22721	G	-1.629500E-02	6.404740E-02	1.[illegible]	0.0	0.0	0.0
22723	G	-1.061415E-02	6.418532E-02	[illegible]	0.0	0.0	0.0
22725	G	-1.187841E-03	6.423622E-02	1.140336E-03	0.0	0.0	0.0
22727	G	8.284084E-03	6.414336E-02	7.112511E-03	0.0	0.0	0.0
22729	G	1.396455E-02	6.397861E-02	1.244995E-02	0.0	0.0	0.0
23100	G	-6.373215E-04	8.166373E-02	-1.297687E-03	0.0	0.0	0.0
25001	G	-1.001013E-02	7.865256E-02	-1.009884E-02	0.0	0.0	0.0
25003	G	-7.442702E-03	7.727176E-02	-7.567160E-03	0.0	0.0	0.0
25007	G	2.338387E-03	7.714027E-02	1.352387E-03	0.0	0.0	0.0
25009	G	7.125281E-03	7.856613E-02	6.216954E-03	0.0	0.0	0.0
25021	G	-1.241334E-02	8.357173E-02	-1.289130E-02	0.0	0.0	0.0
25025	G	-1.263971E-03	8.357137E-02	-2.542140E-03	0.0	0.0	0.0
25029	G	1.017756E-02	8.351135E-02	9.225089E-03	0.0	0.0	0.0
25041	G	-1.014437E-02	9.605873E-02	-1.341461E-02	0.0	0.0	0.0
25045	G	0.0	9.584713E-02	-3.437295E-03	0.0	0.0	0.0
25049	G	9.243779E-03	9.549570E-02	9.825051E-03	0.0	0.0	0.0
25061	G	-1.056428E-02	1.046309E-01	-1.346687E-02	0.0	0.0	0.0
25065	G	-7.116792E-04	1.047527E-01	-4.684236E-03	0.0	0.0	0.0
25069	G	9.998117E-03	1.047053E-01	1.007786E-02	0.0	0.0	0.0
26801	G	-6.456617E-03	9.101546E-02	-7.651947E-03	0.0	0.0	0.0
26809	G	1.494874E-03	9.103149E-02	9.871072E-04	0.0	0.0	0.0
26821	G	-9.002630E-03	9.611404E-02	-1.229632E-02	0.0	0.0	0.0
26825	G	-1.467095E-03	9.620154E-02	-2.430929E-03	0.0	0.0	0.0
26829	G	6.652303E-03	9.616339E-02	7.614885E-03	0.0	0.0	0.0
26841	G	-7.650398E-03	1.064029E-01	-1.213767E-02	0.0	0.0	0.0
26845	G	0.0	1.063787E-01	-2.370501E-03	0.0	0.0	0.0
26849	G	6.975938E-03	1.063908E-01	7.514924E-03	0.0	0.0	0.0
26861	G	-7.443089E-03	1.138977E-01	-1.203827E-02	0.0	0.0	0.0
26865	G	-7.058824E-04	1.139548E-01	-2.354563E-03	0.0	0.0	0.0
26869	G	6.173324E-03	1.139497E-01	7.476106E-03	0.0	0.0	0.0
29905	G	-2.385861E-03	1.094888E-01	-6.138630E-03	0.0	0.0	0.0
29921	G	-2.763275E-03	1.108804E-01	-9.355460E-03	0.0	0.0	0.0
29925	G	-1.807214E-03	1.107649E-01	-6.110449E-03	0.0	0.0	0.0
29929	G	-2.246433E-03	1.108804E-01	-2.497266E-03	0.0	0.0	0.0
29941	G	-5.717061E-03	1.150020E-01	-1.090333E-02	0.0	0.0	0.0
29945	G	0.0	1.150006E-01	-5.987585E-03	0.0	0.0	0.0
29949	G	2.868853E-03	1.150135E-01	1.239982E-03	0.0	0.0	0.0
29961	G	-1.707319E-03	1.191253E-01	-9.903435E-03	0.0	0.0	0.0
29965	G	-1.022841E-03	1.191953E-01	-6.069075E-03	0.0	0.0	0.0
29969	G	-1.174434E-03	1.191253E-01	-2.316840E-03	0.0	0.0	0.0
30045	G	-1.964736E-03	1.150669E-01	-6.144639E-03	-3.086489E-04	3.965624E-05	2.167960E-05
31745	G	-1.916834E-03	1.119640E-01	-6.789751E-03	-1.457917E-04	3.161050E-05	-3.861624E-04
33845	G	-1.873232E-03	9.897095E-02	-7.360764E-03	1.037868E-04	2.322842E-05	-8.514901E-04
35945	G	-1.840541E-03	7.469362E-02	-7.737298E-03	4.222016E-04	1.305535E-05	-1.426391E-03
38045	G	-1.821751E-03	5.760870E-02	-7.877085E-03	8.300918E-04	7.423242E-07	-2.027740E-03
40141	G	8.147049E-02	-1.249919E-02	3.491481E-02	1.384933E-03	-1.385100E-05	-2.708987E-03
40142	G	5.344068E-02	-1.249919E-02	2.058159E-02	1.372688E-03	-1.385100E-05	-2.683136E-03
40143	G	2.369014E-02	-1.249919E-02	5.322468E-03	1.352199E-03	-1.385100E-05	-2.639883E-03
40145	G	-1.820221E-03	-1.250690E-02	-7.733840E-03	1.339957E-03	-1.385231E-05	-2.612785E-03
40147	G	-2.727289E-02	-1.249919E-02	-2.080069E-02	1.359423E-03	-1.385580E-05	-2.641479E-03
40148	G	-5.711420E-02	-1.249919E-02	-3.619915E-02	1.389274E-03	-1.385580E-05	-2.686800E-03
40149	G	-8.519059E-02	-1.249919E-02	-5.074325E-02	1.407114E-03	-1.385580E-05	-2.713886E-03
42245	G	-1.836563E-03	-7.579154E-02	-7.284641E-03	1.973362E-03	-2.824210E-05	-3.211817E-03
44345	G	-1.870101E-03	-1.529484E-01	-6.547824E-03	2.840751E-03	-4.104545E-05	-3.836507E-03
45245	G	-1.889180E-03	-1.909378E-01	-6.154224E-03	3.345786E-03	-4.512072E-05	-4.117612E-03
46445	G	-1.916869E-03	-2.444384E-01	-5.599186E-03	4.061062E-03	-4.808903E-05	-4.440807E-03
48045	G	-2.658899E-03	-4.057075E-01	-4.836366E-03	5.746372E-03	-4.866485E-05	-5.889345E-03
48845	G	-3.063464E-03	-5.112475E-01	-4.373312E-03	6.546026E-03	-4.918070E-05	-6.455176E-03
49745	G	-3.477261E-03	-6.289785E-01	-3.928803E-03	7.177990E-03	-4.951247E-05	-6.886378E-03
50645	G	-3.891388E-03	-7.550327E-01	-3.482444E-03	7.754378E-03	-4.954918E-05	-7.162400E-03
51545	G	-4.303753E-03	-8.877142E-01	-3.036716E-03	8.255262E-03	-4.915455E-05	-7.306933E-03
52045	G	-4.727893E-03	-9.999395E-01	-2.769845E-03	8.408077E-03	-4.872947E-05	-7.413711E-03

61912	G	-1.9[illegible]E-02	[illegible]	-1.545596E-02	-7.803107E-04	-9.116222E-05	[illegible]
61913	G	-1.927729E-02	3.143771E-02	-1.545596E-02	-7.803107E-04	-9.116222E-05	1.468892E-03
61914	G	-1.916854E-02	3.090680E-02	-1.545596E-02	-7.803107E-04	-9.116222E-05	8.667165E-04
61916	G	-1.943437E-02	2.721987E-02	-1.537410E-02	-7.538977E-04	7.090087E-05	9.972553E-04
61917	G	-1.950534E-02	2.646521E-02	-1.537410E-02	-7.538977E-04	7.090087E-05	1.531471E-03
61918	G	-1.958964E-02	2.556883E-02	-1.537410E-02	-7.538977E-04	7.090087E-05	1.028945E-03
61922	G	-1.862225E-02	4.815524E-02	-1.575055E-02	-8.469711E-04	5.185854E-05	1.655066E-03
61923	G	-1.866788E-02	4.740991E-02	-1.575055E-02	-8.469711E-04	5.185854E-05	9.623040E-04
61924	G	-1.870984E-02	4.672386E-02	-1.575055E-02	-8.469711E-04	5.185854E-05	1.697018E-03
61926	G	-1.896386E-02	4.260502E-02	-1.574150E-02	-8.443564E-04	5.431479E-05	1.718508E-03
61927	G	-1.900079E-02	4.193085E-02	-1.574150E-02	-8.443564E-04	5.431479E-05	1.004011E-03
61928	G	-1.903620E-02	4.106961E-02	-1.574150E-02	-8.443564E-04	5.431479E-05	1.714526E-03
61934	G	-1.792117E-02	6.959379E-02	-1.678108E-02	-8.002508E-04	-2.602637E-04	1.839335E-03
61935	G	-1.775460E-02	6.908166E-02	-1.678108E-02	-8.002508E-04	-2.602637E-04	1.116590E-03
61936	G	-1.757242E-02	6.852144E-02	-1.678108E-02	-8.002508E-04	-2.602637E-04	2.204441E-03
62211	G	-2.356812E-02	3.434185E-02	-1.782707E-02	0.0	0.0	0.0
62213	G	-2.371012E-02	3.288798E-02	-1.781536E-02	-8.346455E-04	-1.308741E-04	1.504847E-03
62217	G	-2.415217E-02	2.746183E-02	-1.779752E-02	-8.022420E-04	1.168004E-04	1.571670E-03
62219	G	-2.422659E-02	2.620408E-02	-1.779652E-02	0.0	0.0	0.0
62221	G	-2.361912E-02	4.993460E-02	-1.848160E-02	-9.150556E-04	-5.747745E-05	1.644312E-03
62224	G	-2.378230E-02	4.770619E-02	-1.847373E-02	-8.613928E-04	1.647738E-04	1.690460E-03
62226	G	-2.411478E-02	4.338411E-02	-1.845782E-02	-8.979631E-04	-4.330823E-05	1.705527E-03
62229	G	-2.424449E-02	4.171158E-02	-1.844963E-02	-8.716229E-04	2.034611E-04	1.696168E-03
62231	G	-2.393742E-02	7.063311E-02	-1.941519E-02	-1.062224E-03	-6.383194E-04	1.743940E-03
62239	G	-2.408354E-02	6.856167E-02	-1.940513E-02	-9.134850E-04	-1.022100E-04	2.102243E-03
62811	G	-3.293439E-02	3.647560E-02	-2.264520E-02	0.0	0.0	0.0
62819	G	-3.366609E-02	2.896829E-02	-2.267098E-02	0.0	0.0	0.0
62821	G	-3.311375E-02	5.166933E-02	-2.351312E-02	0.0	0.0	0.0
62829	G	-3.386604E-02	4.398398E-02	-2.351449E-02	0.0	0.0	0.0
62831	G	-3.370470E-02	7.119298E-02	-2.479479E-02	0.0	0.0	0.0
62839	G	-3.388132E-02	6.922066E-02	-2.479471E-02	0.0	0.0	0.0
63411	G	-4.273801E-02	3.875457E-02	-2.766396E-02	0.0	0.0	0.0
63419	G	-4.360200E-02	3.174326E-02	-2.766852E-02	0.0	0.0	0.0
63421	G	-4.295207E-02	5.348803E-02	-2.869718E-02	0.0	0.0	0.0
63429	G	-4.381241E-02	4.634229E-02	-2.869963E-02	0.0	0.0	0.0
63431	G	-4.362854E-02	7.177174E-02	-3.016965E-02	0.0	0.0	0.0
63439	G	-4.384500E-02	6.987578E-02	-3.017101E-02	0.0	0.0	0.0
64211	G	-5.670118E-02	4.195507E-02	-3.489396E-02	0.0	0.0	0.0
64219	G	-5.768806E-02	3.572953E-02	3.489998E-02	0.0	0.0	0.0
64221	G	-5.697792E-02	5.605800E-02	-3.617184E-02	0.0	0.0	0.0
64229	G	-5.797097E-02	4.969255E-02	-3.617306E-02	-8.544344E-04	1.335843E-04	1.465139E-03
64231	G	-5.774542E-02	7.260031E-02	-3.787919E-02	0.0	0.0	0.0
64239	G	-5.801441E-02	7.078004E-02	-3.788047E-02	0.0	0.0	0.0
65011	G	-7.032520E-02	4.505310E-02	-4.201591E-02	0.0	0.0	0.0
65019	G	-7.139623E-02	3.966287E-02	-4.202258E-02	0.0	0.0	0.0
65021	G	-7.068014E-02	5.856922E-02	-4.357344E-02	0.0	0.0	0.0
65029	G	-7.176578E-02	5.299623E-02	-4.357713E-02	0.0	0.0	0.0
65031	G	-7.150352E-02	7.339698E-02	-4.546169E-02	0.0	0.0	0.0
65039	G	-7.182646E-02	7.164395E-02	-4.546240E-02	0.0	0.0	0.0
65911	G	-8.399820E-02	4.817670E-02	-4.9[illegible]E-02	0.0	0.0	0.0
65919	G	-8.511728E-02	4.365747E-02	-4.917842E-02	0.0	0.0	0.0
65921	G	-8.446324E-02	6.107824E-02	-5.109161E-02	0.0	0.0	0.0
65929	G	-8.560538E-02	5.636333E-02	-5.112012E-02	-8.572647E-04	2.221693E-04	1.453805E-03
65931	G	-8.529055E-02	7.416075E-02	-5.308061E-02	0.0	0.0	0.0
65939	G	-8.565336E-02	7.248688E-02	-5.308243E-02	0.0	0.0	0.0
71912	G	1.865999E-02	3.282981E-02	1.269373E-02	-7.776830E-04	8.071287E-05	7.992403E-04
71913	G	1.855611E-02	3.182893E-02	1.269373E-02	-7.776830E-04	8.071287E-05	1.447698E-03
71914	G	1.845983E-02	3.090115E-02	1.269373E-02	-7.776830E-04	8.071287E-05	7.763340E-04
71916	G	1.889958E-02	2.723268E-02	1.259646E-02	-7.523303E-04	-1.010425E-04	9.803011E-04
71917	G	1.900072E-02	2.647959E-02	1.259646E-02	-7.523303E-04	-1.010425E-04	1.555252E-03
71918	G	1.912086E-02	2.558507E-02	1.259646E-02	-7.523303E-04	-1.010425E-04	1.024401E-03
71922	G	1.803620E-02	4.814364E-02	1.349918E-02	-8.452709E-04	-9.058687E-05	1.633906E-03
71923	G	1.811591E-02	4.739980E-02	1.349918E-02	-8.452709E-04	-9.058688E-05	9.510398E-04
71924	G	1.818929E-02	4.671513E-02	1.349918E-02	-8.452709E-04	-9.058687E-05	1.659557E-03
71926	G	1.860289E-02	4.251309E-02	1.348990E-02	-8.418176E-04	-9.070730E-05	1.718513E-03
71927	G	1.866456E-02	4.194066E-02	1.348990E-02	-8.418176E-04	-9.070730E-05	1.006321E-03

71928	G	1.[illegible]	4.108200E-02	1.344990E-02	-8.418174E-04	-9.370730E-05	1.723504E-03
71934	G	1.[illegible]	6.955999E-02	1.555816E-02	-7.757682E-04	2.118945E-04	1.936493E-03
71935	G	1.[illegible]	6.906348E-02	1.555816E-02	-7.757682E-04	2.118945E-04	1.129853E-03
71936	G	1.[illegible]	6.852049E-02	1.555816E-02	-7.757682E-04	2.118945E-04	2.208629E-03
72211	G	2.269556E-02	3.430087E-02	1.536237E-02	0.0	0.0	0.0
72213	G	2.292725E-02	3.286440E-02	1.505032E-02	-8.320729E-04	1.228942E-04	1.485369E-03
72217	G	2.370996E-02	2.749049E-02	1.503322E-02	-8.009032E-04	-1.392524E-04	1.586544E-03
72219	G	2.385936E-02	2.624816E-02	1.503007E-02	0.0	0.0	0.0
72221	G	2.285552E-02	4.988461E-02	1.625489E-02	-8.896142E-04	-7.876800E-05	1.632096E-03
72224	G	2.315222E-02	4.767628E-02	1.624725E-02	-8.661621E-04	-1.596216E-04	1.655681E-03
72226	G	2.375396E-02	4.339342E-02	1.623197E-02	-8.949346E-04	4.115353E-06	1.705878E-03
72229	G	2.398600E-02	4.173495E-02	1.622389E-02	-8.603625E-04	-2.732405E-04	1.700687E-03
72231	G	2.35[illegible]83E-02	7.059008E-02	1.808441E-02	-1.046516E-03	5.951046E-04	1.741797E-03
72239	G	2.382995E-02	6.855768E-02	1.807464E-02	-8.746241E-04	5.167261E-05	2.105029E-03
72411	G	3.203663E-02	3.642864E-02	1.989246E-02	0.0	0.0	0.0
72819	G	3.327790E-02	2.900456E-02	1.991860E-02	0.0	0.0	0.0
72821	G	3.232346E-02	5.161196E-02	2.129218E-02	0.0	0.0	0.0
72829	G	3.355934E-02	4.400274E-02	2.129379E-02	0.0	0.0	0.0
72831	G	3.328462E-02	7.114655E-02	2.339161E-02	0.0	0.0	0.0
72839	G	3.357805E-02	6.920356E-02	2.339128E-02	0.0	0.0	0.0
73411	G	4.182222E-02	3.870163E-02	2.492718E-02	0.0	0.0	0.0
73419	G	4.313410E-02	3.176963E-02	2.493174E-02	0.0	0.0	0.0
73421	G	4.214559E-02	5.342523E-02	2.648036E-02	0.0	0.0	0.0
73429	G	4.344920E-02	4.635396E-02	2.648249E-02	0.0	0.0	0.0
73431	G	4.316021E-02	7.172227E-02	2.870574E-02	0.0	0.0	0.0
73439	G	4.348867E-02	6.984878E-02	2.870698E-02	0.0	0.0	0.0
74211	G	5.575821E-02	4.189366E-02	3.217545E-02	0.0	0.0	0.0
74219	G	5.713728E-02	3.574163E-02	3.218162E-02	0.0	0.0	0.0
74221	G	5.614475E-02	5.598767E-02	3.395361E-02	0.0	0.0	0.0
74229	G	5.752869E-02	4.969300E-02	3.395476E-02	-8.449343E-04	-1.860557E-04	1.463917E-03
74231	G	5.720796E-02	7.256374E-02	3.633490E-02	0.0	0.0	0.0
74239	G	5.758361E-02	7.074320E-02	3.633612E-02	0.0	0.0	0.0
75011	G	6.935406E-02	4.498346E-02	3.930475E-02	0.0	0.0	0.0
75019	G	7.076418E-02	3.965998E-02	3.931661E-02	0.0	0.0	0.0
75021	G	6.981933E-02	5.849186E-02	4.134905E-02	0.0	0.0	0.0
75029	G	7.124567E-02	5.298429E-02	4.135275E-02	0.0	0.0	0.0
75031	G	7.089758E-02	7.333207E-02	4.383660E-02	0.0	0.0	0.0
75039	G	7.132274E-02	7.159859E-02	4.383729E-02	0.0	0.0	0.0
75911	G	8.299762E-02	4.809962E-02	4.648729E-02	0.0	0.0	0.0
75919	G	8.440304E-02	4.363752E-02	4.648011E-02	0.0	0.0	0.0
75921	G	8.357382E-02	6.099505E-02	4.885774E-02	0.0	0.0	0.0
75929	G	8.500719E-02	5.633716E-02	4.886306E-02	-8.469028E-04	-2.752885E-04	1.453089E-03
75931	G	8.461511E-02	7.408736E-02	5.137[illegible]7E-02	0.0	0.0	0.0
75939	G	8.507591E-02	7.243258E-02	5.137276E-02	0.0	0.0	0.0
122400	G	8.141572E-05	1.279836E-01	-1.038337E-02	-8.926867E-04	-3.594889E-04	4.331053E-04
123467	G	7.836986E-03	9.440535E-02	8.930910E-03	0.0	0.0	0.0
123487	G	5.719412E-03	1.285073E-01	1.671971E-03	0.0	0.0	0.0
124800	G	8.141572E-05	1.383349E-01	-1.791586E-03	-8.926867E-04	-3.594889E-04	4.331053E-04
125063	G	-8.622952E-03	1.346309E-01	-1.173797E-02	0.0	0.0	0.0
125065	G	5.688695E-04	1.047527E-01	-2.919761E-03	0.0	0.0	0.0
125067	G	7.887889E-03	1.047053E-01	1.007286E-02	0.0	0.0	0.0
125383	G	-2.999865E-03	1.356764E-01	-1.034905E-02	0.0	0.0	0.0
125387	G	7.161651E-03	1.356764E-01	1.059516E-02	0.0	0.0	0.0
126863	G	-5.256116E-03	1.138977E-01	-8.894835E-03	0.0	0.0	0.0
126867	G	3.940254E-03	1.139497E-01	4.284963E-03	0.0	0.0	0.0
127200	G	8.141572E-05	1.490759E-01	7.123731E-03	-8.926867E-04	-3.594889E-04	4.331053E-04
189073	G	-1.757039E-02	5.025994E-02	5.127236E-03	5.117906E-04	-1.170450E-05	1.441632E-03
189077	G	1.811001E-02	5.025994E-02	-7.539582E-03	5.117906E-04	-1.170450E-05	1.441632E-03
200070	G	3.564111E-04	6.863701E-02	-1.088424E-03	5.117906E-04	-1.170450E-05	1.441632E-03
200078	G	2.698081E-04	6.476277E-02	-1.088424E-03	5.117906E-04	-1.170450E-05	1.441632E-03
200079	G	2.525556E-04	6.490329E-02	-1.088536E-03	5.144845E-04	-1.160866E-05	1.441632E-03
200086	G	1.559521E-04	6.3949d8E-02	-1.088809E-03	4.515247E-04	-1.285367E-05	1.441632E-03
200087	G	1.704348E-04	6.025638E-02	-1.088809E-03	5.256578E-04	-1.123016E-05	1.441632E-03
200095	G	5.611460E-05	5.641288E-02	-1.089140E-03	6.024817E-04	-9.553115E-06	1.441632E-03
200096	G	7.343040E-05	5.561705E-02	-1.089140E-03	5.337594E-04	-1.097876E-05	1.441632E-03
200101	G	1.130012E-05	5.258171E-02	-1.089154E-03	7.546542E-04	-6.066450E-06	1.441632E-03

200106	G	1.1[illegible]E-05	[illegible]E-02	-1.0847576E-03	9.1316786E-04	-2.4897346E-06	1.4416326E-03
200114	G	-1.2048864E-05	1.4953078E-02	-1.0903626E-03	1.1270646E-03	2.1594776E-06	1.4416326E-03
200121	G	1.5181478E-05	1.1449959E-02	-1.0908926E-03	1.2866886E-03	5.5089796E-06	1.4416326E-03
200129	G	7.1870088E-05	2.0591777E-02	-1.0914976E-03	1.4533146E-03	8.5176246E-06	1.4416326E-03
200137	G	1.4913826E-04	4.0695596E-01	-1.0914976E-03	1.5377016E-03	1.0654026E-05	1.4416326E-03
200145	G	2.4002066E-04	-1.9067686E-03	-1.0914976E-03	1.5995936E-03	1.1922756E-05	1.4416326E-03
200152	G	3.3664196E-04	-1.6426386E-02	-1.0914976E-03	1.6197216E-03	1.2328796E-05	1.4416326E-03
200155	G	3.6188826E-04	-2.3035956E-02	-1.0914976E-03	1.6197216E-03	1.2328796E-05	1.4416326E-03
211001	G	4.7529426E-02	-1.1296496E-01	4.1934186E-02	-1.1235346E-03	1.6231436E-04	1.3052756E-03
211002	G	-5.1608876E-02	-1.1270076E-01	-4.0726816E-02	-1.1203856E-03	-1.3307366E-04	1.3012686E-03
211073	G	-1.7570396E-02	8.1658666E-02	5.3821626E-03	5.1179066E-04	-1.1704506E-05	1.4416326E-03
211077	G	1.8110016E-02	8.1658666E-02	-7.2846566E-03	5.1179066E-04	-1.1704506E-05	1.4416326E-03
214075	G	2.6988016E-04	8.5666426E-02	-9.1870926E-04	5.1179066E-04	-1.1704506E-05	1.4416326E-03
214901	G	4.7529426E-02	-6.1497886E-02	3.5534136E-02	-1.1235346E-03	1.6231436E-04	1.3052756E-03
214902	G	-5.1608876E-02	-6.1391746E-02	-3.5479726E-02	-1.1203856E-03	-1.3307366E-04	1.3012686E-03
215101	G	3.6225876E-02	-3.8162386E-02	2.3120486E-02	-9.8912726E-04	1.3752856E-04	1.3019016E-03
215102	G	-3.9693056E-02	-3.8147616E-02	-2.3193666E-02	-9.8310186E-04	-1.0165806E-04	1.3034946E-03
215201	G	1.6392116E-02	-3.3529186E-02	9.3409536E-03	-7.6455096E-04	7.4536586E-05	1.3246566E-03
215202	G	-1.9676996E-02	-3.3536556E-02	-9.5192646E-03	-7.6082076E-04	-3.7940746E-05	1.3256596E-03
222001	G	4.7463706E-02	3.1625166E-02	3.2226426E-02	-8.8069596E-04	-1.4459136E-04	1.3249156E-03
222002	G	-5.1541346E-02	3.1429006E-02	-3.4318516E-02	-8.8734796E-04	1.8724006E-04	1.3269146E-03
222201	G	2.9609456E 02	5.0547176E-02	2.3256996E-02	-8.4921696E-04	-1.9902186E-04	1.1920816E-03
222202	G	-3.2686256E-02	5.0505766E-02	-2.5380366E-02	-8.5709906E-04	2.5423066E-04	1.1999026E-03
222301	G	1.1562186E-02	5.5467466E-02	1.0228946E-0[illegible]	-8.3831866E-04	-8.7070796E-05	1.0152806E-03
222302	G	-1.4252526E-02	5.5463516E-02	-1.2283406E-02	8.4281276E-04	1.4385026E-04	1.0199006E-03
223401	G	4.7463706E-02	5.0902686E-02	3.4330226E-02	-8.8069596E-04	-1.4459136E-04	1.3249156E-03
223402	G	-5.1541346E-02	5.0735616E-02	-3.7042856E-02	-8.8734796E-04	1.8724006E-04	1.3269146E-03
520018	G	8.6154836E-03	-9.9993966E-01	1.2363596E-02	8.4063156E-03	-4.8729476E-05	-7.4122926E-03
520024	G	1.3211106E-02	-9.9993966E-01	1.7575576E-02	8.4066246E-03	-4.8729476E-05	-7.4122776E-03
520057	G	3.7474316E-02	-9.9994196E-01	4.5094516E-02	8.4376156E-03	-4.8729476E-05	-7.4389956E-03
520065	G	4.3134796E-02	-9.9994256E-01	5.1515016E-02	8.4592926E-03	-4.8729476E-05	-7.4577296E-03
520068	G	4.5995936-02	-9.9994286E-01	5.4667016E-02	8.4706586E-03	-4.8729476E-05	-7.4675126E-03
520079	G	5.3975846E-02	-9.9994806E-01	6.3812736E-02	8.5020626E-03	-4.8729476E-05	-7.4945696E-03
520135	G	9.6138666E-02	-9.9998556E-01	1.1165366E-01	8.6437286E-03	-4.8729476E-05	-7.6168816E-03
520139	G	9.9262366E-02	-9.9998896E-01	1.1519846E-01	8.6477556E-03	-4.8729476E-05	-7.6203666E-03
520152	G	1.0924896E-01	-1.0000006E 00	1.2653146E-01	8.6528886E-03	-4.8729476E-05	-7.6248246E-03
520185	G	1.3439556E-01	-1.0000006E 00	1.5506866E-01	8.6528886E-03	-4.8729476E-05	-7.6248246E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.469902E 03

REAL EIGENVECTOR N . 10

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	3.388631E-03	-9.327222E-03	-3.304064E-01	0.0	0.0	0.0
3339	G	4.121076E-03	-9.342365E-03	-3.326895E-01	0.0	0.0	0.0
3341	G	-1.645142E-02	-1.092526E-02	-3.299388E-01	0.0	0.0	0.0
3349	G	-1.540286E-02	-1.09[illegible]204E-02	-3.331068E-01	0.0	0.0	0.0
4631	G	2.903880E-03	-8.339640E-03	-2.933540E-01	0.0	0.0	0.0
4633	G	1.281235E-02	-7.539731E-03	-2.938950E-01	0.0	0.0	0.0
4637	G	1.415548E-02	-7.560913E-03	-2.979479E-01	0.0	0.0	0.0
4639	G	4.622899E-03	-8.368623E-03	-2.984726E-01	0.0	0.0	0.0
4641	G	-1.714030E-02	-9.973813E-03	-2.931605E-01	0.0	0.0	0.0
4649	G	-1.523888E-02	-1.002871E-02	-2.986960E-01	0.0	0.0	0.0
4661	G	-3.895714E-02	-1.177925E-02	-2.937853E-01	0.0	0.0	0.0
4669	G	-3.739013E-02	-1.182715E-02	-2.981251E-01	0.0	0.0	0.0
6123	G	2.689064E-02	-5.316388E-03	-2.512184E-01	0.0	0.0	0.0
6127	G	2.839860E-02	-5.288813E-03	-2.555705E-01	0.0	0.0	0.0
6131	G	1.235382E-02	-6.371196E-03	-2.505040E-01	0.0	0.0	0.0
6133	G	1.258907E-02	-6.385595E-03	-2.512109E-01	0.0	0.0	0.0
6137	G	1.403949E-02	-6.465737E-03	-2.555544E-01	0.0	0.0	0.0
6139	G	1.437243E-02	-6.486337E-03	-2.565909E-01	0.0	0.0	0.0
6141	G	-9.705853E-03	-7.644795E-03	-2.503551E-01	0.0	0.0	0.0
6143	G	-9.454492E-03	-7.643342E-03	-2.512351E-01	0.0	0.0	0.0
6147	G	-7.801000E-03	-9.010904E-03	-2.555662E-01	0.0	0.0	0.0
6149	G	-7.535677E-03	-9.010494E-03	-2.567900E-01	0.0	0.0	0.0
6161	G	-2.548796E-02	-8.686740E-03	-2.501354E-01	0.0	0.0	0.0
6163	G	-2.505490E-02	-8.687571E-03	-2.512550E-01	0.0	0.0	0.0
6167	G	-2.336979E-02	-1.069044E-02	-2.556032E-01	0.0	0.0	0.0
6169	G	-2.322416E-02	-1.069080E-02	-2.566088E-01	0.0	0.0	0.0
6171	G	-5.116620E-02	-1.214405E-02	-2.717690E-01	0.0	0.0	0.0
6179	G	-4.957587E-02	-1.229030E-02	-2.762355E-01	0.0	0.0	0.0
7031	G	1.218687E-02	-5.763545E-03	0.0	0.0	0.0	0.0
7033	G	1.255506E-02	-5.725805E-03	-2.253509E-01	0.0	0.0	0.0
7037	G	1.399329E-02	-5.725805E-03	-2.299238E-01	0.0	0.0	0.0
7039	G	1.436792E-02	-5.710609E-03	0.0	0.0	0.0	0.0
7043	G	-1.009513E-02	0.0	-2.252324E-01	0.0	0.0	0.0
7047	G	-8.389570E-03	0.0	-2.298061E-01	0.0	0.0	0.0
7061	G	-2.648826E-02	-7.246707E-03	-2.195048E-01	0.0	0.0	0.0
7063	G	-2.635192E-02	-7.246707E-03	-2.251860E-01	0.0	0.0	0.0
7067	G	-2.464527E-02	-1.121363E-02	-2.297571E-01	0.0	0.0	0.0
7069	G	-2.404377E-02	-1.120555E-02	-2.269827E-01	0.0	0.0	0.0
7071	G	-7.276640E-02	0.0	-2.095062E-01	0.0	0.0	0.0
7079	G	-6.995177E-02	0.0	-2.185915E-01	0.0	0.0	0.0
7505	G	5.543615E-02	-1.957400E-03	-2.143986E-01	2.286468E-04	-2.010798E-03	7.191140E-05
8300	G	-5.527219E-02	-1.041989E-02	-1.931313E-01	0.0	0.0	0.0
8531	G	1.169071E-02	-4.712358E-03	0.0	0.0	0.0	0.0
8533	G	1.255506E-02	-4.685245E-03	-1.846787E-01	0.0	0.0	0.0
8537	G	1.399329E-02	-4.685245E-03	-1.892516E-01	0.0	0.0	0.0
8539	G	1.416929E-02	-4.656058E-03	0.0	0.0	0.0	0.0
8543	G	-1.103565E-02	0.0	-1.846934E-01	0.0	0.0	0.0
8547	G	-9.348575E-03	0.0	-1.892388E-01	0.0	0.0	0.0
8561	G	-2.759736E-02	-6.661128E-03	-1.798502E-01	0.0	0.0	0.0
8563	G	-2.803962E-02	-6.655421E-03	-1.846886E-01	0.0	0.0	0.0
8567	G	-2.637132E-02	-9.796251E-03	-1.892323E-01	0.0	0.0	0.0
8569	G	-2.483325E-02	-9.796254E-03	-1.877214E-01	0.0	0.0	0.0
8571	G	-7.095325E-02	0.0	-1.696046E-01	0.0	0.0	0.0
8579	G	-6.860733E-02	0.0	-1.787750E-01	0.0	0.0	0.0
9303	G	4.820850E-02	1.380085E-03	-1.625262E-01	0.0	0.0	0.0
9307	G	4.968362E-02	1.367899E-03	-1.670417E-01	0.0	0.0	0.0

9313	G	3.311038E-02	2.270075E-04	-1.625284E-01	0.	.0	0.0
9317	G	3.465110E-02	1.663369E-04	-1.670445E-01	0.0	0.0	0.0
9331	G	1.121496E-02	-4.039567E-03	-1.601223E-01	0.0	0.0	0.0
9333	G	1.232156E-02	-4.050616E-03	-1.622330E-01	0.0	0.0	0.0
9337	G	1.375950E-02	-4.137672E-03	-1.668504E-01	0.0	0.0	0.0
9339	G	1.387950E-02	-4.157443E-03	-1.681311E-01	0.0	0.0	0.0
9341	G	0.0	-6.052636E-03	-1.516530E-01	0.0	0.0	0.0
9343	G	-1.180691E-02	-6.023791E-03	-1.556927E-01	0.0	0.0	0.0
9347	G	-1.021711E-02	-6.153591E-03	-1.603400E-01	0.0	0.0	0.0
9349	G	0.0	-6.198689E-03	-1.585972E-01	0.0	0.0	0.0
9361	G	-2.796883E-02	-7.292300E-03	-1.493643E-01	0.0	0.0	0.0
9363	G	-2.887489E-02	-7.294916E-03	-1.511053E-01	0.0	0.0	0.0
9367	G	-2.720295E-02	-7.466767E-03	-1.557578E-01	0.0	0.0	0.0
9369	G	-2.501580E-02	-7.462408E-03	-1.572672E-01	0.0	0.0	0.0
9371	G	-4.261832E-02	-8.688506E-03	-1.454287E-01	0.0	0.0	0.0
9373	G	0.0	-8.624218E-03	-1.534188E-01	0.0	0.0	0.0
9377	G	0.0	-8.603[illegible]E-03	-1.574621E-01	0.0	0.0	0.0
9379	G	-3.991238E-02	-8.317240E-03	-1.531898E-01	0.0	0.0	0.0
11300	G	7.973716E-03	1.859102E-04	-1.119751E-01	0.0	0.0	0.0
11503	G	3.384510E-02	1.880066E-03	0.0	0.0	0.0	0.0
11507	G	3.534867E-02	1.880066E-03	0.0	0.0	0.0	0.0
11531	G	9.058174E-03	-2.038927E-03	0.0	0.0	0.0	0.0
11533	G	1.019477E-02	-2.102226E-03	-1.000310E-01	0.0	0.0	0.0
11537	G	1.169744E-02	-2.561565E-03	-1.051074E-01	0.0	0.0	0.0
11539	G	1.182309E-02	-2.620806E-03	0.0	0.0	0.0	0.0
11543	G	-1.184656E-02	-4.483592E-03	-1.000509E-01	0.0	0.0	0.0
11547	G	-1.049155E-02	-4.483592E-03	-1.051530E-01	0.0	0.0	0.0
11561	G	-2.852020E-02	-6.649837E-03	-1.003761E-01	0.0	0.0	0.0
11563	G	-2.934317E-02	-6.651569E-03	-1.000519E-01	0.0	0.0	0.0
11567	G	-2.780534E-02	-5.147777E-03	-1.051728E-01	0.0	0.0	0.0
11569	G	-2.[illegible]773436E-02	-5.148645E-03	-1.074837E-01	0.0	0.0	0.0
11571	G	-6.727016E-02	0.0	-9.292203E-02	0.0	0.0	0.0
11579	G	-6.605029E-02	0.0	-1.307968E-01	0.0	0.0	0.0
11700	G	1.173636E-02	-6.532457E-04	-1.104449E-01	0.0	0.0	0.0
13500	G	-5.592774E-02	-7.852659E-03	-5.516848E-02	0.0	0.0	0.0
13801	G	3.229937E-02	3.329932E-03	-4.268911E-02	0.0	0.0	0.0
13803	G	3.457806E-02	3.576531E-03	-4.361454E-02	0.0	0.0	0.0
13807	G	3.608224E-02	3.588704E-03	-4.800033E-02	0.0	0.0	0.0
13809	G	3.464150E-02	3.397928E-03	-4.946139E-02	0.0	0.0	0.0
13821	G	1.799865E-02	1.749489E-03	-4.243664E-02	0.0	0.0	0.0
13823	G	1.984027E-02	1.698156E-03	-4.359417E-02	0.0	0.0	0.0
13827	G	2.133068E-02	1.611304E-03	-4.797601E-02	0.0	0.0	0.0
13829	G	2.089369E-02	1.562084E-03	-4.995425E-02	0.0	0.0	0.0
13831	G	7.012479E-03	-2.411967E-04	-4.284094E-02	0.0	0.0	0.0
13833	G	6.021164E-03	-3.404429E-04	-4.403686E-02	0.0	0.0	0.0
13837	G	7.647399E-03	-6.177158E-04	-4.847978E-02	0.0	0.0	0.0
13839	G	9.823944E-03	-6.754440E-04	-5.025271E-02	0.0	0.0	0.0
13841	G	0.0	-2.873577E-03	-4.399082E-02	0.0	0.0	0.0
13843	G	-1.167894E-02	-2.740595E-03	-4.443032E-02	0.0	0.0	0.0
13847	G	-1.024001E-02	-2.721294E-03	-4.880521E-02	0.0	0.0	0.0
13848	G	-1.023870E-02	-2.445664E-03	-5.587014E-02	0.0	0.0	0.0
13849	G	0.0	-2.577178E-03	-5.098108E-02	0.0	0.0	0.0
13861	G	-2.842288E-02	-4.035495E-03	-4.458193E-02	0.0	0.0	0.0
13863	G	-2.818220E-02	-4.057128E-03	-4.461935E-02	0.0	0.0	0.0
13867	G	-2.713123E-02	-4.596561E-03	-6.267655E-02	0.0	0.0	0.0
13869	G	-2.635095E-02	-4.634216E-03	-6.571823E-02	0.0	0.0	0.0
13871	G	-5.446411E-02	0.0	-4.470650E-02	0.0	0.0	0.0
13879	G	-7.313460E-02	0.0	-5.233087E-02	0.0	0.0	0.0
14801	G	3.229937E-02	4.041288E-03	-2.540318E-02	0.0	0.0	0.0
14803	G	3.446734E-02	4.272062E-03	-2.673640E-02	0.0	0.0	0.0
14807	G	3.597077E-02	4.402645E-03	-3.111464E-02	0.0	0.0	0.0
14809	G	3.464150E-02	4.196163E-03	-3.229646E-02	0.0	0.0	0.0
14821	G	1.797993E-02	2.134279E-03	-2.495830E-02	0.0	0.0	0.0
14823	G	1.955023E-02	2.212879E-03	-2.673640E-02	0.0	0.0	0.0
14827	G	2.102377E-02	2.569009E-03	-3.111464E-02	0.0	0.0	0.0
14829	G	2.065460E-02	2.642116E-03	-3.266392E-02	0.0	0.0	0.0

14831	G	6.633198E-01	1.851019E-04	-2.445722E-02	0.0	0.0	0.0
14833	G	4.889677E-01	7.917494E-04	-2.652331E-02	0.0	0.0	0.0
14837	G	6.243669E-01	6.396859E-04	-3.132546E-02	0.0	0.0	0.0
14839	G	9.996642E-01	7.353085E-04	-3.279719E-02	0.0	0.0	0.0
14841	G	0.0	-2.013618E-03	-2.535840E-02	0.0	0.0	0.0
14843	G	-1.156407E-02	-1.963991E-03	-2.638802E-02	0.0	0.0	0.0
14847	G	-1.013736E-02	-1.777549E-03	-3.380395E-02	0.0	0.0	0.0
14849	G	0.0	-1.695611E-03	-3.285839E-02	0.0	0.0	0.0
14861	G	-2.793434E-02	-3.773821E-03	-2.521668E-02	0.0	0.0	0.0
14863	G	-2.773007E-02	-3.548002E-03	-2.638766E-02	0.0	0.0	0.0
14867	G	-2.628617E-02	-3.850016E-03	-3.081470E-02	0.0	0.0	0.0
14869	G	-2.580669E-02	-3.647523E-03	-3.290709E-02	0.0	0.0	0.0
14881	G	-5.691932E-02	-6.490316E-03	-1.791783E-02	0.0	0.0	0.0
14883	G	-5.556463E-02	-6.519008E-03	-1.915995E-02	0.0	0.0	0.0
14887	G	-5.415154E-02	-6.466768E-03	-2.353048E-02	0.0	0.0	0.0
14889	G	-5.453879E-02	-6.456121E-03	-2.543589E-02	0.0	0.0	0.0
15212	G	2.845726E-02	4.019570E-03	-1.936409E-02	2.293638E-04	-1.663000E-03	1.301893E-04
15218	G	3.048394E-02	3.808727E-03	-2.524409E-02	2.044190E-04	-1.666333E-03	2.249084E-05
15601	G	3.030166E-02	4.861809E-03	-1.126625E-02	0.0	0.0	0.0
15603	G	3.446734E-02	5.201859E-03	-1.358207E-02	0.0	0.0	0.0
15607	G	3.597077E-02	4.980546E-03	-1.793395E-02	0.0	0.0	0.0
15609	G	3.275518E-02	4.140221E-03	-1.839108E-02	0.0	0.0	0.0
15621	G	1.773130E-02	3.316922E-03	-1.091893E-02	0.0	0.0	0.0
15623	G	1.933281E-02	3.242676E-03	-1.319477E-02	0.0	0.0	0.0
15625	G	1.969417E-02	3.301245E-03	-1.588519E-02	0.0	0.0	0.0
15627	G	2.106133E-02	2.746912E-03	-1.827533E-02	0.0	0.0	0.0
15629	G	2.038928E-02	2.676251E-03	-1.857863E-02	0.0	0.0	0.0
15633	G	3.593884E-03	0.0	-1.294596E-02	0.0	0.0	0.0
15637	G	4.978742E-03	0.0	-1.636653E-02	0.0	0.0	0.0
16481	G	-5.586523E-02	-5.616635E-03	5.305339E-03	0.0	0.0	0.0
16483	G	-5.523133E-02	-5.648591E-03	0.0	0.0	0.0	0.0
16485	G	-5.458114E-02	-5.703263E-03	0.0	0.0	0.0	0.0
16487	G	-5.355388E-02	-5.766205E-03	0.0	0.0	0.0	0.0
16489	G	-5.351297E-02	-5.797632E-03	-2.390947E-03	0.0	0.0	0.0
17100	G	-1.368343E-02	2.584262E-04	1.235669E-02	0.0	0.0	0.0
18601	G	2.726142E-02	6.723698E-03	4.710967E-02	0.0	0.0	0.0
18603	G	2.992734E-02	7.108737E-03	4.590607E-02	0.0	0.0	0.0
18607	G	3.116622E-02	7.180266E-03	4.582949E-02	0.0	0.0	0.0
18609	G	2.954835E-02	6.712994E-03	4.033729E-02	0.0	0.0	0.0
18621	G	1.609690E-02	5.664063E-03	4.743306E-02	0.0	0.0	0.0
18623	G	1.617875E-02	5.451407E-03	4.636083E-02	0.0	0.0	0.0
18625	G	1.729845E-02	5.312204E-03	4.393232E-02	0.0	0.0	0.0
18627	G	1.718545E-02	5.175855E-03	4.165965E-02	0.0	0.0	0.0
18629	G	1.878486E-02	4.941091E-03	3.990517E-02	0.0	0.0	0.0
18631	G	2.285173E-03	3.124011E-03	4.776354E-02	0.0	0.0	0.0
18633	G	0.0	3.145255E-03	4.615532E-02	0.0	0.0	0.0
18635	G	0.0	3.062213E-03	4.395311E-02	0.0	0.0	0.0
18637	G	0.0	2.977994E-03	4.167391E-02	0.0	0.0	0.0
18639	G	4.840240E-03	2.959585E-03	3.983618E-02	0.0	0.0	0.0
18641	G	-9.918332E-03	7.652298E-04	4.832360E-02	3.014484E-04	-1.408195E-03	-4.534307E-04
18642	G	-1.077691E-02	7.542584E-04	4.780155E-02	2.484028E-04	-1.518894E-03	-4.042105E-04
18643	G	-1.213336E-02	7.414469E-04	4.693345E-02	0.0	-1.629288E-03	-3.760103E-04
18644	G	-1.375313E-02	7.266514E-04	4.534662E-02	0.0	0.0	-1.194172E-04
18645	G	-1.383344E-02	7.138671E-04	4.402469E-02	0.0	0.0	8.899286E-05
18646	G	-1.275366E-02	7.017413E-04	4.271264E-02	0.0	0.0	2.813030E-04
18647	G	-1.023416E-02	6.898490E-04	4.128493E-02	0.0	-1.777044E-03	4.804512E-04
18648	G	-8.530218E-03	6.811337E-04	4.053824E-02	2.177414E-04	-1.679358E-03	4.996622E-04
18649	G	-7.498860E-03	6.732522E-04	4.012475E-02	1.694650E-04	-1.581402E-03	5.307289E-04
18651	G	-1.302018E-02	1.651396F-04	4.836034E-02	3.029821E-04	-1.437489E-03	-5.247376E-04
18652	G	-1.405309E-02	1.676284F-04	4.782019E-02	2.440994E-04	-1.649897E-03	-5.074372E-04
18653	G	-1.210979E-02	2.414110F-04	4.655750E-02	2.165584E-04	-1.749316E-03	5.696819E-04
18654	G	-1.096787E-02	2.444431E-04	4.014857E-02	1.732071E-04	-1.593949E-03	5.704870E-04
18656	G	-2.004891E-02	-1.126354E-03	4.837058E-02	3.057208E-04	-1.526891E-03	-9.693624E-04
18657	G	-2.198325E-02	-1.126505E-03	4.786033E-02	2.439181E-04	-1.658694E-03	-9.666523E-04
18658	G	-2.052831E-02	-7.009534E-04	4.057600E-02	2.170409E-04	-1.771950E-03	9.527565E-04
18659	G	-1.862873E-02	-7.027385E-04	4.018101E-02	1.591130E-04	-1.647117E-03	9.477716E-04

18661	G	-2.422742E-02	-1.798256E-03	4.835499E-02	3.[illegible]247E-04	-1.81[illegible]E-03	[illegible]
18662	G	-2.618115E-02	-1.767376E-03	4.785247E-02	2.3[illegible]77E-04	-1.9722[illegible]E-0	[illegible]
18663	G	-2.947000E-02	-1.727082E-03	4.701523E-02	[illegible]	[illegible]	[illegible]
18664	G	-3.367076E-02	-1.591944E-03	4.537403E-02	0.0	0.0	-4.23[illegible]
18665	G	-3.486543E-02	-1.474915E-03	4.406217E-02	0.0	0.0	[illegible]
18666	G	-3.308602E-02	-1.360792E-03	4.273702E-02	0.0	0.0	[illegible]
18667	G	-2.826731E-02	-1.235751E-03	4.134434E-02	2.309493E-04	-2.0[illegible]3	[illegible]
18668	G	-2.499327E-02	-1.199151E-03	4.[illegible]	[illegible]70AE-04	-1.[illegible]	[illegible]
18669	G	-2.306253E-02	-1.171828E-03	4.01[illegible]	1.6[illegible]6E-04	-1.8[illegible]	[illegible]
18681	G	-5.451564E-02	-4.354004E-03	4.834763E-02	0.0	0.0	0.0
18683	G	-5.492714E-02	-4.339002E-03	4.706[illegible]	2.17[illegible]9E-04	-2.109286E-03	[illegible]
18685	G	-5.428382E-02	-4.169434E-03	4.413264E-02	0.0	0.0	0.0
18687	G	-5.304038E-02	-4.000213E-03	4.138691E-02	[illegible]	-2.055741E-03	[illegible]
18689	G	-5.223830E-02	-3.984809E-03	4.025519E-02	[illegible]	0.0	0.0
18983	G	-5.491913E-02	-3.956612E-03	3.855184E-02	0.0	-1.425909E-03	[illegible]
18987	G	-5.299002E-02	-3.616878E-03	4.794293E-02	0.0	-1.494934E-03	[illegible]
19741	G	-7.551134E-03	2.312966E-03	6.585586E-02	8.638144E-05	-1.443[illegible]9E-03	[illegible]
19742	G	-6.448004E-03	2.329112E-03	6.516489E-02	8.513955E-05	-1.364336E-03	[illegible]
19743	G	-6.371520E-03	2.349331E-03	6.504203E-02	0.0	-1.358316E-03	[illegible]
19745	G	-5.983930E-03	2.521920E-03	6.395781E-02	0.0	0.0	[illegible]
19747	G	-5.471755E-03	2.705111E-03	6.[illegible]E-02	0.0	-1.410435E-03	[illegible]
19748	G	-5.317360E-03	2.732301E-03	6.115850E-02	[illegible]	-1.[illegible]31234E-03	[illegible]
19749	G	-5.676389E-03	2.525694E-03	5.876638E-02	[illegible]	-1.538145E-03	[illegible]
19751	G	-1.709580E-02	8.437620E-04	6.589814E-02	[illegible]	-1.346[illegible]78E	[illegible]
19752	G	-1.653081E-02	9.458931E-04	6.518769E-02	[illegible]	-1.364[illegible]	[illegible]
19758	G	-1.586590E-02	1.038871E-03	6.115782E-02	[illegible]	-1.422014E-03	[illegible]
19759	G	-1.587487E-02	1.103366E-03	5.880531E-02	[illegible]	-1.440443E-03	[illegible]
19761	G	-2.034235E-02	6.663194E-04	6.588972E-02	[illegible]	-1.301361E-03	[illegible]
19762	G	-1.990477E-02	6.473595E-04	6.519020E-02	[illegible]	[illegible]	[illegible]
19763	G	-1.979093E-02	6.372861E-04	6.500606E-02	0.0	-1.359802E-03	[illegible]
19765	G	-1.950460E-02	5.051785E-04	6.414765E-02	0.0	0.0	[illegible]
19767	G	-1.938728E-02	3.638489E-04	6.183921E-02	0.0	-1.410422E-03	[illegible]
19768	G	-1.937899E-02	3.477677E-04	6.115874E-02	[illegible]	-1.421514E-03	[illegible]
19769	G	-1.937029E-02	3.158951E-04	5.874809E-02	[illegible]	-1.402534E-03	[illegible]
21183	G	-5.476319E-02	5.928220E-04	7.858950E-02	0.0	[illegible]	[illegible]
21187	G	-5.272308E-02	1.193988E-03	7.504141E-02	0.0	-2.421673E-03	[illegible]
21321	G	1.261666E-02	7.124692E-03	8.516400E-02	0.0	0.0	0.0
21323	G	1.290737E-02	7.222462E-03	8.426142E-02	0.0	0.0	0.0
21325	G	1.306218E-02	7.339597E-03	8.279312E-02	0.0	0.0	0.0
21327	G	1.400615E-02	7.480741E-03	8.146399E-02	0.0	0.0	0.0
21329	G	1.351753E-02	7.603146E-03	8.063313E-02	0.0	0.0	0.0
21341	G	-5.687166E-03	5.210403E-03	8.586961E-02	[illegible]	-1.563395E-03	[illegible]
21343	G	-4.408311E-03	5.207915E-03	8.469445E-02	0.0	-1.560268E-03	[illegible]
21345	G	-3.592002E-03	5.217779E-03	8.272123E-02	0.0	-1.503981E-03	-3.799124E-05
21347	G	-4.515037E-03	5.242637E-03	8.114839E-02	0.0	-1.447694E-03	-8.230371E-05
21349	G	-4.947636E-03	5.244337E-03	8.069366E-02	3.563349E-05	-1.444568E-03	-7.071809E-05
21361	G	-1.691692E-02	3.086970E-03	8.586194E-02	0.0	0.0	0.0
21363	G	-1.518418E-02	3.350780E-03	8.476449E-02	1.317771E-04	-3.184013E-03	0.0
21364	G	-1.201157E-02	3.442724E-03	8.363634E-02	0.0	0.0	0.0
21366	G	-1.195979E-02	4.095227E-03	8.208203E-02	0.0	0.0	0.0
21367	G	-1.446203E-02	4.181825E-03	8.107692E-02	2.348365E-04	-3.076795E-03	0.0
21369	G	-1.636310E-02	4.449293E-03	8.064586E-02	0.0	0.0	0.0
21383	G	-5.473476E-02	1.214536E-03	8.472919E-02	2.462890E-04	-3.071248E-03	2.834080E-04
21387	G	-5.269732E-02	1.811891E-03	8.102149E-02	9.594345E-05	-2.971771E-03	2.773588E-04
21485	G	0.0	1.756439E-03	8.304995E-02	1.422155E-04	0.0	0.0
21801	G	1.971468E-02	8.272246E-03	8.948934E-02	0.0	0.0	0.0
21803	G	2.227489E-02	8.530557E-03	8.868963E-02	0.0	0.0	0.0
21807	G	2.311764E-02	8.828036E-03	8.638734E-02	0.0	0.0	0.0
21809	G	2.068764E-02	8.517206E-03	8.567101E-02	0.0	0.0	0.0
21821	G	[illegible]225878E-02	7.195838E-03	9.026569E-02	0.0	0.0	0.0
21823	G	1.241177E-02	7.322002E-03	8.896995E-02	0.0	0.0	0.0
21825	G	1.[illegible]976E-02	7.446051E-03	8.764716E-02	0.0	0.0	0.0
21827	G	1.330196E-02	7.540483E-03	8.626336E-02	0.0	0.0	0.0
21829	G	1.319984E-02	7.641844E-03	8.568400E-02	0.0	0.0	0.0
22312	G	1.737008E-02	8.283153E-03	9.398347E-02	0.0	0.0	0.0
22318	G	1.827662E-02	7.983077E-03	9.031135E-02	0.0	0.0	0.0

22701	G	1.911279E-02	8.320954E-03	9.838337E-02	0.0	0.0	0.0
22703	G	2.117141E-02	8.442659E-03	9.803659E-02	0.0	0.0	0.0
22707	G	2.191870E-02	8.863296E-03	9.575152E-02	0.0	0.0	0.0
22709	G	2.000142E-02	8.434115E-03	9.473741E-02	0.0	0.0	0.0
22721	G	1.883964E-02	7.680742E-03	9.887856E-02	0.0	0.0	0.0
22723	G	1.207054E-02	7.538136E-03	9.808582E-02	0.0	0.0	0.0
22725	G	1.104696E-02	7.592585E-03	9.703732E-02	0.0	0.0	0.0
22727	G	1.286120E-02	7.644136E-03	9.527671E-02	0.0	0.0	0.0
22729	G	1.281391E-02	7.485434E-03	9.448320E-02	0.0	0.0	0.0
23100	G	-2.370311E-03	5.900722E-03	1.031096E-01	0.0	0.0	0.0
25001	G	1.364187E-02	9.150229E-03	1.163446E-01	0.0	0.0	0.0
25003	G	1.564702E-02	9.457853E-03	1.156668E-01	0.0	0.0	0.0
25007	G	1.605530E-02	9.637505E-03	1.140538E-01	0.0	0.0	0.0
25009	G	1.441050E-02	9.312518E-03	1.133534E-01	0.0	0.0	0.0
25021	G	8.650269E-03	9.074623E-03	1.172976E-01	0.0	0.0	0.0
25025	G	8.175988E-03	8.280512E-03	1.149014E-01	0.0	0.0	0.0
25029	G	9.441800E-03	8.467525E-03	1.132270E-01	0.0	0.0	0.0
25041	G	-3.904088E-05	6.061621E-03	1.174986E-01	0.0	0.0	0.0
25045	G	0.0	6.304096E-03	1.153804E-01	0.0	0.0	0.0
25049	G	-3.898649E-04	6.534617E-03	1.132964E-01	0.0	0.0	0.0
25061	G	-6.389763E-03	5.003802E-03	1.175094E-01	0.0	0.0	0.0
25065	G	-5.046073E-03	4.990309E-03	1.156472E-01	0.0	0.0	0.0
25069	G	-6.898239E-03	4.978634E-03	1.134015E-01	0.0	0.0	0.0
26801	G	1.176842E-02	9.625524E-03	1.235319E-01	0.0	0.0	0.0
26809	G	1.228816E-02	9.451192E-03	1.221231E-01	0.0	0.0	0.0
26821	G	4.861429E-03	8.555193E-03	1.247482E-01	0.0	0.0	0.0
26825	G	4.798625E-03	8.521248E-03	1.228167E-01	0.0	0.0	0.0
26829	G	5.780637E-03	8.480448E-03	1.217991E-01	0.0	0.0	0.0
26841	G	1.263755E-03	6.662905E-03	1.247416F-01	0.0	0.0	0.0
26845	G	0.0	6.650858E-03	1.230658E-01	0.0	0.0	0.0
26849	G	4.819890E-04	6.642800E-03	1.216423E-01	0.0	0.0	0.0
26861	G	-1.258862E-03	5.207803E-03	1.247873E-01	0.0	0.0	0.0
26865	G	-2.657168E-03	5.096629E-03	1.231706E-01	0.0	0.0	0.0
26869	G	-2.266619E-03	4.979242E-03	1.215684E-01	0.0	0.0	0.0
29905	G	6.370822E-04	7.154975E-03	1.192985E-01	0.0	0.0	0.0
29921	G	-4.269965E-03	6.793190E-03	1.203276E-01	0.0	0.0	0.0
29925	G	3.864595E-04	6.809022E-03	1.193830E-01	0.0	0.0	0.0
29929	G	-6.197095E-03	6.783180E-03	1.182876E-01	0.0	0.0	0.0
29941	G	1.719727E-03	5.682260E-03	1.209146E-01	0.0	0.0	0.0
29945	G	0.0	5.703691E-03	1.192701E-01	0.0	0.0	0.0
29949	G	7.178129E-04	5.726583E-03	1.185459E-01	0.0	0.0	0.0
29961	G	7.934492E-03	4.622284E-03	1.211171E-01	0.0	0.0	0.0
29965	G	1.425156E-03	4.593197E-03	1.196293E-01	0.0	0.0	0.0
29969	G	5.947545E-03	4.622284E-03	1.190137E-01	0.0	0.0	0.0
30045	G	9.467674E-04	5.682364E-03	1.196706E-01	8.557182E-05	4.537662E-04	-8.083598E-05
31745	G	1.909058E-03	3.889338E-03	1.063569E-01	6.867430E-05	1.007002E-03	-1.068672E-04
33845	G	3.734105E-03	1.261604E-03	7.921404E-02	4.085584E-05	1.580819E-03	-1.372927E-04
35945	G	6.402869E-03	-2.340165E-03	3.880661E-02	5.145299E-06	2.272563E-03	-1.750959E-04
38045	G	1.008495E-02	-6.112486E-03	-1.777136E-02	-4.220170E-05	3.119583E-03	-2.158564E-04
40141	G	2.372819E-02	-1.097625E-02	-1.003994E-01	-2.848818E-04	4.164807E-03	-2.981455E-04
40142	G	2.066959E-02	-1.097625E-02	-9.760159E-02	-2.389830E-04	4.164807E-03	-2.876963E-04
40143	G	1.753667E-02	-1.097625E-02	-9.530693E-02	-1.621840E-04	4.164807E-03	-2.702123E-04
40145	G	1.500993E-02	-1.097701E-02	-9.422505E-02	-1.033621E-04	4.164826E-03	-2.575337E-04
40147	G	1.250944E-02	-1.097625E-02	-9.328316E-02	-4.846096E-05	4.164811E-03	-2.520801E-04
40148	G	9.726238E-03	-1.097625E-02	-9.318209E-02	2.211332E-05	4.164811E-03	-2.460668E-04
40149	G	7.196937E-03	-1.097625E-02	-9.370351E-02	6.429198E-05	4.164811E-03	-2.424730E-04
42245	G	2.134791E-02	-1.666619E-02	-1.934505E-01	-1.807490E-04	5.290203E-03	-3.032819E-04
44345	G	2.923065E-02	-2.328227E-02	-3.173664E-01	-2.888732E-04	6.515607E-03	-3.573734E-04
45245	G	3.314228E-02	-2.648067E-02	-3.790799E-01	-3.527836E-04	7.035274E-03	-3.849585E-04
46445	G	3.863833E-02	-3.096598E-02	-4.658897E-01	-4.440814E-04	7.604219E-03	-4.212344E-04
48045	G	1.586397E-01	-3.051010E-02	-5.902094E-01	-1.057974E-03	7.789474E-03	-9.694132E-04
48845	G	2.250156E-01	-2.986877E-02	-6.589101E-01	-1.523714E-03	7.981706E-03	-1.380225E-03
49745	G	2.939773E-01	-2.881246E-02	-7.302911E-01	-2.083232E-03	8.149620E-03	-1.868466E-03
50645	G	3.640652E-01	-2.723481E-02	-8.028645E-01	-2.762851E-03	8.267090E-03	-2.460188E-03
51545	G	4.351544E-01	-2.492131E-02	-8.763593E-01	-3.567845E-03	8.358415E-03	-3.144511E-03
52045	G	5.089511E-01	-9.095814E-03	-9.203784E-01	-4.163619E-03	8.394968E-03	-3.813105E-03

61912	G	-2.292590E-02	-1.889342E-03	4.880486E-02	3.191852E-04	-1.685035E-03	-9.669683E-04
61913	G	-2.075726E-02	-1.478550E-03	4.880486E-02	3.191852E-04	-1.685035E-03	2.388789E-05
61914	G	-1.874702E-02	-1.097763E-03	4.880486E-02	3.191852E-04	-1.685035E-03	-9.722663E-04
61916	G	-1.231311E-02	1.497663E-04	4.877463E-02	3.266346E-04	-1.379331E-03	-5.291202E-04
61917	G	-1.093240E-02	4.767280E-04	4.877468E-02	3.266346E-04	-1.379331E-03	-3.996664E-05
61918	G	-9.292379E-03	8.650965E-04	4.877468E-02	3.266346E-04	-1.379331E-03	-4.739794E-04
61922	G	-1.842844E-02	6.733751E-04	6.597370E-02	8.091309E-05	-1.362073E-03	1.378049E-04
61923	G	-1.722982E-02	7.415784E-04	6.597370E-02	8.091309E-05	-1.362073E-03	9.405096E-05
61924	G	-1.612654E-02	8.071181E-04	6.597370E-02	8.091309E-05	-1.362073E-03	1.201779E-04
61926	G	-8.559898E-03	2.305505E-03	6.600463E-02	1.405540E-04	-1.443894E-03	1.522802E-04
61927	G	-7.578049E-03	2.401082E-03	6.600463E-02	1.405541E-04	-1.443894E-03	1.701037E-05
61928	G	-6.610527E-03	2.544447E-03	6.600463E-02	1.405540E-04	-1.443894E-03	1.751902E-04
61934	G	-7.102627E-03	4.800759E-03	8.673227E-02	6.654055E-04	-1.563740E-03	2.231970E-04
61935	G	-6.101836E-03	5.226616E-03	8.673227E-02	6.654055E-04	-1.563740E-03	2.628961E-04
61936	G	-5.007219E-03	5.692400E-03	8.673227E-02	6.654055E-04	-1.563740E-03	3.073130E-04
62211	G	-2.336900E-02	-2.170766E-03	5.114923E-02	0.0	0.0	0.0
62213	G	-2.084720E-02	-1.505688E-03	5.115445E-02	4.139401E-04	-1.718088E-03	3.191772E-05
62217	G	-1.095979E-02	5.331684E-04	5.122571E-02	5.563740E-04	-1.387709E-03	4.620737E-05
62219	G	-8.931093E-03	1.059070E-03	5.122835E-02	0.0	0.0	0.0
62221	G	-2.017312E-02	1.490728E-04	6.660199E-02	3.939131E-04	-1.414191E-03	1.383523E-04
62224	G	-1.649493E-02	8.438800E-04	6.660539E-02	1.682322E-04	-1.422504E-03	1.228856E-04
62226	G	-9.013921E-03	2.395524E-03	6.563322E-02	1.522642E-04	-1.456479E-03	1.509368E-04
62229	G	-6.225102E-03	2.852590E-03	6.664747E-02	2.785858E-04	-1.351780E-03	1.602984E-04
62231	G	-9.358529E-03	4.541468E-03	8.927667E-02	4.073305E-04	-1.758589E-03	1.740307E-04
62239	G	-6.176319E-03	5.642407E-03	8.927202E-02	8.886098E-04	-1.482024E-03	3.544749E-04
62411	G	-2.404909E-02	-2.020254E-03	5.513984E-02	0.0	0.0	0.0
62819	G	-1.070335E-02	9.810745E-04	5.513556E-02	0.0	0.0	0.0
62821	G	-2.099859E-02	1.815775E-04	6.984210E-02	0.0	0.0	0.0
62829	G	-7.983916E-03	2.921729E-03	6.983203E-02	0.0	0.0	0.0
62831	G	-1.098210E-02	4.397154E-03	9.166602E-02	0.0	0.0	0.0
62839	G	-7.886965E-03	5.296800E-03	9.165174E-02	0.0	0.0	0.0
63411	G	-2.485919E-02	-1.897024E-03	5.912029E-02	0.0	0.0	0.0
63419	G	-1.263339E-02	9.827063E-04	5.911431E-02	0.0	0.0	0.0
63421	G	-2.184035E-02	2.401589E-04	7.329094E-02	0.0	0.0	0.0
63429	G	-9.821855E-03	2.936249E-03	7.329619E-02	0.0	0.0	0.0
63431	G	-1.264236E-02	4.259542E-03	9.373856E-02	0.0	0.0	0.0
63439	G	-9.624969E-03	5.025744E-03	9.374171E-02	0.0	0.0	0.0
64211	G	-2.596249E-02	-1.736348E-03	6.489730E-02	0.0	0.0	0.0
64219	G	-1.531398E-02	9.561975E-04	6.489015E-02	0.0	0.0	0.0
64221	G	-2.296645E-02	3.306514E-04	7.839298E-02	0.0	0.0	0.0
64229	G	-1.241099E-02	2.909543E-03	7.839513E-02	3.461710E-04	-1.417078E-03	2.049697E-04
64231	G	-1.497212E-02	4.002597E-03	9.662127E-02	0.0	0.0	0.0
64239	G	-1.210313E-02	4.715223E-03	9.662348E-02	0.0	0.0	0.0
65011	G	-2.697405E-02	-1.582999E-03	7.071584E-02	0.0	0.0	0.0
65019	G	-1.787822E-02	8.802614E-04	7.070833E-02	0.0	0.0	0.0
65021	G	-2.400766E-02	4.321584E-04	8.355170E-02	0.0	0.0	0.0
65029	G	-1.490883E-02	2.830547E-03	8.355167E-02	0.0	0.0	0.0
65031	G	-1.720111E-02	3.710116E-03	9.954798E-02	0.0	0.0	0.0
65039	G	-1.447780E-02	4.421901E-03	9.954882E-02	0.0	0.0	0.0
65911	G	-2.793847E-02	-1.393032E-03	7.672614E-02	0.0	0.0	0.0
65919	G	-2.040702E-02	7.219659E-04	7.675642E-02	0.0	0.0	0.0
65921	G	-2.501320E-02	5.845458E-04	8.884257E-02	0.0	0.0	0.0
65929	G	-1.736614E-02	2.683299E-03	8.884984E-02	3.815952E-04	-1.383730E-03	2.244153E-04
65931	G	-1.939255E-02	3.406045E-03	1.026158E-01	0.0	0.0	0.0
65939	G	-1.681963E-02	4.102379E-03	1.026162E-01	0.0	0.0	0.0
71912	G	-2.177382E-02	-1.097051E-03	3.999148E-02	1.461029E-04	-1.780243E-03	9.596702E-04
71913	G	-1.968265E-02	-9.390160E-04	3.999148E-02	1.461029E-04	-1.780243E-03	2.316314E-04
71914	G	-1.735882E-02	-7.347155E-04	3.999148E-02	1.461029E-04	-1.780243E-03	9.476582E-04
71916	G	-1.020528E-02	2.588918E-04	3.994279E-02	1.499995E-04	-1.565632E-03	5.684106E-04
71917	G	-8.638080E-03	4.090415E-04	3.994279E-02	1.499995E-04	-1.565632E-03	1.715618E-04
71918	G	-6.776541E-03	5.873907E-04	3.994279E-02	1.499995E-04	-1.565632E-03	5.431999E-04
71922	G	-1.718054E-02	8.476931E-04	5.824459E-02	3.654093E-04	-1.462547E-03	1.558116E-04
71923	G	-1.589350E-02	1.169253E-03	5.824459E-02	3.654093E-04	-1.462547E-03	-1.424514E-05
71924	G	-1.470884E-02	1.465235E-03	5.824459E-02	3.654093E-04	-1.462547E-03	1.763132E-04
71926	G	-6.599501E-03	2.258672E-03	5.827841E-02	3.149058E-04	-1.538373E-03	1.576822E-04
71927	G	-5.553406E-03	2.472808E-03	5.827841E-02	3.149060E-04	-1.538373E-03	8.497108E-05

71928	G	-3.984261E-03	2.7[illegible]	[illegible]427841E-02	3.149058E-04	-1.538373E-03	1.427[illegible]
71934	G	-5.981013E-03	5.369[illegible]	4.092105E-02	-1.962044E-04	-1.444216E-03	2.113[illegible]
71935	G	-5.056717E-03	5.244[illegible]	4.092105E-02	-1.962045E-04	-1.444216E-03	-6.690[illegible]
71936	G	-4.045766E-03	5.107[illegible]	4.092105E-02	-1.962044E-04	-1.444216E-03	2.830249E-04
72211	G	-2.151246E-02	-9.167891E-04	4.097518E-02	0.0	0.0	0.0
72213	G	-1.879280E-02	-7.192993E-04	4.097516E-02	6.463700E-05	-1.795553E-03	2.337793E-04
72217	G	-8.118689E-03	4.869476E-04	4.101929E-02	-4.096137E-05	-1.605483E-03	1.676788E-04
72219	G	-5.962249E-03	6.210620E-04	4.102136E-02	0.0	0.0	0.0
72271	G	-1.613669E-02	1.017186E-03	5.754342E-02	[illegible]583E-04	-1.529151E-03	1.575519E-04
72274	G	-1.418075E-02	1.547621E-03	5.753876E-02	[illegible]51E-04	-1.523999E-03	1.732524E-04
72226	G	-6.128166E-03	2.363455E-03	5.754440E-02	[illegible]9417E-04	-1.551347E-03	1.594461E-04
72229	G	-3.128424E-03	2.820373E-03	5.755185[illegible]	2.126430E-04	-1.469590E-03	1.537872E-04
72231	G	-6.644912E-03	5.226266E-03	8.199106E-[illegible]	4.061269E-05	-1.377536E-03	1.945169E-04
72239	G	-3.223669E-03	5.164117E-03	8.197242E-02	-[illegible]843945E-04	-1.472018E-03	2.620481E-04
72811	G	-2.050513E-02	-6.338173E-04	4.228849E-02	0.0	0.0	0.0
72819	G	-6.128259E-03	7.376680E-04	4.229282E-02	0.0	0.0	0.0
72821	G	-1.722786E-02	1.266801E-03	5.813577E-02	0.0	0.0	0.0
72829	G	-3.172938E-03	2.777684E-03	5.812947E-02	0.0	0.0	0.0
72831	G	-6.413609E-03	5.124331E-03	8.173782E-02	0.0	0.0	0.0
72839	G	-3.064895E-03	5.236201E-03	8.174235E-02	0.0	0.0	0.0
73411	G	-1.949626E-02	4.233946E-04	4.354371E-02	0.0	0.0	0.0
73419	G	-6.272342E-03	8.036038E-04	4.354174E-02	0.0	0.0	0.0
73421	G	-1.623736E-02	1.516223E-03	5.889044E-02	0.0	0.0	0.0
73429	G	-3.213602E-03	2.796250E-03	5.889601E-02	0.0	0.0	0.0
73431	G	-6.267570E-03	4.999481E-03	8.106691E-02	0.0	0.0	0.0
73439	G	-2.992931E-03	5.223945E-03	8.106977E-02	0.0	0.0	0.0
74211	G	-1.802332E-02	-4.338623E-05	4.539847E-02	0.0	0.0	0.0
74219	G	-6.431659E-03	9.259013E-04	4.539530E-02	0.0	0.0	0.0
74221	G	-1.476689E-02	1.861993E-03	6.011357E-02	0.0	0.0	0.0
74229	G	-3.254341E-03	2.[illegible]72[illegible]79E-03	6.011779E-02	1.335[illegible]72E-04	-1.544[illegible]30E-03	2.026594E-04
74231	G	-6.044[illegible]	4.[illegible]213E-03	8.[illegible]332E-02	0.0	0.0	0.0
74239	G	-2.911535E-03	5.127765E-03	8.000523E-02	0.0	0.0	0.0
75011	G	-1.654[illegible]3E-02	3.317699E-04	4.733123E-02	0.0	0.0	0.0
75019	G	-6.560024E-03	1.083088E-03	4.732913E-02	0.0	0.0	0.0
75021	G	-1.328985E-02	2.189699E-03	6.145460E-02	0.0	0.0	0.0
75029	G	-3.285072E-03	2.952887E-03	6.145537E-02	0.0	0.0	0.0
75031	G	-5.802713E-03	4.801356E-03	7.904577E-02	0.0	0.0	0.0
75039	G	-2.806034E-03	5.018529E-03	7.904649E-02	0.0	0.0	0.0
75911	G	-1.503082E-02	6.938723E-04	4.938821E-02	0.0	0.0	0.0
75919	G	-6.666671E-03	1.247552E-03	4.940391E-02	0.0	0.0	0.0
75921	G	-1.177555E-02	2.485905E-03	6.289095E-02	0.0	0.0	0.0
75929	G	-3.277213E-03	3.104137E-03	6.290144E-02	1.124069E-04	-1.544388E-03	2.067094E-04
75931	G	-5.531818E-03	4.725065E-03	7.817954E-02	0.0	0.0	0.0
75939	G	-2.677073E-03	4.421414E-03	7.818025E-02	0.0	0.0	0.0
122400	G	-1.432626E-02	2.443877E-03	9.507358E-02	1.466778E-04	-7.377395E-04	-4.112966E-05
123467	G	-6.524492E-03	6.759916E-03	9.970230E-02	0.0	0.0	0.0
123487	G	-1.158119E-02	2.657236E-03	1.010361E-01	0.0	0.0	0.0
124800	G	-1.432626E-02	1.460878E-03	1.127356E-01	1.466778E-04	-7.377395E-04	-4.112966E-05
125061	G	-6.125003E-03	5.003802E-03	1.171937E-01	0.0	0.0	0.0
125065	G	-5.267531E-03	4.990309E-03	1.153787E-01	0.0	0.0	0.0
125067	G	-6.533295E-03	6.978634E-03	1.134015E-01	0.0	0.0	0.0
125383	G	-9.740461E-03	2.057643E-03	1.183555E-01	0.0	0.0	0.0
125387	G	-1.070544E-02	2.057643E-03	1.149141E-01	0.0	0.0	0.0
126863	G	-1.712768E-03	5.207803E-03	1.242625E-01	0.0	0.0	0.0
126867	G	-2.392045E-03	4.979242E-03	1.220885E-01	0.0	0.0	0.0
127200	G	-1.432626E-02	4.408625E-04	1.310015E-01	1.466778E-04	-7.377395E-04	-4.112966E-05
189073	G	-5.609344E-02	-2.952483E-03	6.349754E-02	1.944900E-05	-1.746393E-04	1.389414E-04
189077	G	-5.265464E-02	-2.952483E-03	6.301618E-02	1.944900E-05	-1.746393E-04	1.389414E-04
200070	G	-5.305202E-02	-1.[illegible]07503E-03	6.501377E-02	1.944900E-05	-1.746393E-04	1.389414E-04
200078	G	-5.437404E-02	-1.554732E-03	6.501377E-02	1.944900E-05	-1.746393E-04	1.389414E-04
200079	G	-5.462727E-02	-1.583261E-03	6.502223E-02	1.910393E-05	-1.675580E-04	1.389414E-04
200086	G	-5.723011E-02	-1.782210E-03	6.504291E-02	2.502343E-05	-1.041450E-04	1.389414E-04
200087	G	-5.572198E-02	-1.715438E-03	6.504291E-02	1.770223E-05	-1.382500E-04	1.389414E-04
200095	G	-5.650561E-02	-1.963650E-03	6.506807E-02	1.012766E-05	3.206011E-05	1.389414E-04
200096	G	-5.682927E-02	-1.865487E-03	6.506807E-02	1.672799E-05	-1.173111E-04	1.389414E-04
200101	G	-5.748168E-02	-1.959714E-03	6.508440E-02	-5.242228E-06	3.784343E-04	1.389414E-04

200136	G	-5.490870E-02	-1.888535E-03	6.511497E-02	-2.121918E-05	7.349201E-04	1.389414E-04
200144	G	-5.667020E-02	-1.831937E-03	6.516094E-02	-4.233465E-05	1.211053E-03	1.389414E-04
200121	G	-5.842707E-02	-1.279671E-03	6.520110E-02	-5.784264E-05	1.562573E-03	1.389414E-04
200129	G	-2.308186E-02	-7.577935E-04	6.523712E-02	-7.194604E-05	1.883299E-03	1.389414E-04
200137	G	-7.041167E-03	-1.393982E-04	6.524736E-02	-8.197530E-05	2.111444E-03	1.389414E-
200145	G	1.045472E-02	5.429636E-04	6.524736E-02	-8.793903E-05	2.247142E-03	1.389414E-
200153	G	2.811724E-02	1.235245E-03	6.524736E-02	-8.984763E-05	2.290570E-03	1.389414E-04
200155	G	3.317938E-02	1.433808E-03	6.524736E-02	-8.984763E-05	2.290570E-03	1.389414E-04
211001	G	7.866353E-02	2.482506E-02	-1.225035E-01	5.603875E-04	-1.918975E-03	-1.700955E-04
211002	G	7.300264E-02	-6.646134E-03	-9.960967E-02	3.002536E-05	-1.857413E-03	2.362878E-04
211073	G	-5.609344E-02	7.366178E-05	6.730121E-02	1.944900E-05	-1.746393E-04	1.389414E-04
211077	G	-5.265464E-02	7.366178E-05	6.681995E-02	1.944900E-05	-1.746393E-04	1.389414E-04
214075	G	-5.437404E-02	4.599190E-04	6.754601E-02	1.944900E-05	-1.746393E-04	1.389414E-
214901	G	7.866353E-02	1.811820E-02	-4.683839E-02	5.603875E-04	-1.918975E-03	-1.700955E-04
214902	G	7.300264E-02	2.670690E-03	-2.637189E-02	3.002536E-05	-1.857413E-03	2.362878E-04
215101	G	4.103569E-02	6.210290E-03	-3.530402E-02	6.432277E-04	-2.117133E-03	6.402734E-05
215102	G	3.703981E-02	3.787400E-03	-2.140396E-02	-8.626701E-05	-2.095690E-03	4.412021E-05
215201	G	3.048394E-02	3.808727E-03	-2.524809E-02	4.394010E-04	-2.133806E-03	9.225232E-05
215202	G	2.845726E-02	4.019570E-03	-1.936408E-02	2.594237E-05	-2.126062E-03	4.844691E-05
222001	G	7.860279E-02	4.104175E-03	8.735800E-02	-7.545167E-05	-2.170381E-03	-1.090877E-05
222002	G	7.295716E-02	2.150683E-02	1.012071E-01	5.373394E-04	-2.052645E-03	9.492972E-05
222201	G	3.353862E-02	7.129330E-03	9.109449E-02	-1.883495E-04	-2.446997E-03	2.088150E-04
222202	G	3.095573E-02	1.076318E-02	1.000114E-01	5.613212E-04	-2.358890E-03	-1.151985E-04
222301	G	1.827662E-02	7.983077E-03	9.031135E-02	-6.500717E-05	-2.458264E-03	1.415962E-04
222302	G	1.737008E-02	8.283153E-03	9.398347E-02	5.589645E-04	-2.417333E-03	-6.609269E-05
223401	G	7.860279E-02	3.945451E-03	1.189370E-01	-7.545167E-05	-2.170381E-03	-1.090877E-05
223402	G	7.295716E-02	2.288805E-02	1.310731E-01	5.373394E-04	-2.052645E-03	9.492972E-05
520018	G	5.158074E-01	-9.095814E-03	-9.278605E-01	-4.166464E-03	8.394968E-03	-3.803274E-03
520024	G	5.181656E-01	-9.095814E-03	-9.304317E-01	-4.148442E-03	8.394968E-03	-3.804332E-03
520057	G	5.307866E-01	-9.095840E-03	-9.443111E-01	-4.474573E-03	8.394968E-03	-3.992066E-03
520065	G	5.338678E-01	-9.095848E-03	-9.477937E-01	-4.699495E-03	8.394968E-03	-4.121523E-03
520068	G	5.354051E-01	-9.095851E-03	-9.495543E-01	-4.817523E-03	8.394968E-03	-4.189458E-03
520079	G	5.400336E-01	-9.095911E-03	-9.549375E-01	-5.142681E-03	8.394968E-03	-4.376646E-03
520135	G	5.672766E-01	-9.096343E-03	-9.885575E-01	-6.592937E-03	8.394968E-03	-5.211893E-03
520139	G	5.694184E-01	-9.096384E-03	-9.912692E-01	-6.632045E-03	8.394968E-03	-5.234461E-03
520152	G	5.763003E-01	-9.096514E-03	-1.000000E 00	-6.681103E-03	8.394968E-03	-5.262792E-03
520185	G	5.936570E-01	-9.096514E-03	-1.022034E 00	-6.681103E-03	8.394968E-03	-5.262792E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 8.380199E 03

REAL EIGENVECTOR NO. 11

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-7.030074E-03	-3.135469E-03	6.553042E-02	0.0	0.0	0.0
3339	G	-6.800797E-03	-3.126312E-03	6.277180E-02	0.0	0.0	0.0
3341	G	-2.146645E-03	-5.679246E-03	6.623703E-02	0.0	0.0	0.0
3349	G	-2.402479E-03	-5.680662E-03	6.203303E-02	0.0	0.0	0.0
4631	G	-7.182486E-03	-2.837822E-03	5.881263E-02	0.0	0.0	0.0
4633	G	-9.431109E-03	-1.819008E-03	5.814796E-02	0.0	0.0	0.0
4637	G	-8.946572E-03	-1.804427E-03	5.308478E-02	0.0	0.0	0.0
4639	G	-6.654873E-03	-2.819764E-03	5.240921E-02	0.0	0.0	0.0
4641	G	-2.439931E-03	-4.937060E-03	5.907394E-02	0.0	0.0	0.0
4649	G	-2.084565E-03	-4.907325E-03	5.217838E-02	0.0	0.0	0.0
4661	G	3.076878E-03	-7.154286E-03	5.834455E-02	0.0	0.0	0.0
4669	G	2.962701E-03	-7.132620E-03	5.292725E-02	0.0	0.0	0.0
6123	G	-1.300269E-02	-1.237863E-05	4.769091E-02	0.0	0.0	0.0
6127	G	-1.232301E-02	-3.099645E-05	4.257444E-02	0.0	0.0	0.0
6131	G	-9.491201E-03	-1.374786E-03	4.879953E-02	0.0	0.0	0.0
6133	G	-9.349473E-03	-1.364341E-03	4.767900E-02	0.0	0.0	0.0
6137	G	-8.801904E-03	-1.314183E-03	4.257122E-02	0.0	0.0	0.0
6139	G	-8.722536E-03	-1.303687E-03	4.165972E-02	0.0	0.0	0.0
6141	G	-4.300728E-03	-3.926652E-03	4.902589E-02	0.0	0.0	0.0
6143	G	-4.037742E-03	-3.927734E-03	4.787151E-02	0.0	0.0	0.0
6147	G	-3.940452E-03	-3.074450E-03	4.259794E-02	0.0	0.0	0.0
6149	G	-3.676300E-03	-3.074385E-03	4.146675E-02	0.0	0.0	0.0
6161	G	-5.683864E-04	-5.728669E-03	4.913304E-02	0.0	0.0	0.0
6163	G	-3.607767E-04	-5.728718E-03	4.766950E-02	0.0	0.0	0.0
6167	G	-4.710483E-04	-4.472874E-03	4.263590E-02	0.0	0.0	0.0
6169	G	-6.650636E-05	-4.471716E-03	4.124194E-02	0.0	0.0	0.0
6171	G	6.162345E-03	-8.390687E-03	5.285724E-02	0.0	0.0	0.0
6179	G	5.805526E-03	-8.288410E-03	4.774490E-02	0.0	0.0	0.0
7031	G	-9.456620E-03	-1.065372E-03	0.0	0.0	0.0	0.0
7033	G	-9.314049E-03	-1.076251E-03	4.134117E-02	0.0	0.0	0.0
7037	G	-8.778840E-03	-1.076251E-03	3.688597E-02	0.0	0.0	0.0
7039	G	-8.644659E-03	-1.085316E-03	0.0	0.0	0.0	0.0
7043	G	-3.867459E-03	0.0	4.128955E-02	0.0	0.0	0.0
7047	G	-3.812219E-03	0.0	3.677072E-02	0.0	0.0	0.0
7061	G	-4.742385E-04	-5.784307E-03	4.101913E-02	0.0	0.0	0.0
7063	G	4.567861E-05	-5.784337E-03	4.126896E-02	0.0	0.0	0.0
7067	G	-6.912452E-05	-3.315011E-03	3.672655E-02	0.0	0.0	0.0
7069	G	1.565399E-04	-3.316339E-03	3.231080E-02	0.0	0.0	0.0
7071	G	8.002125E-03	0.0	4.058880E-02	0.0	0.0	0.0
7079	G	7.652663E-03	0.0	3.127569E-02	0.0	0.0	0.0
7505	G	-1.964650E-02	2.391195E-03	3.578516E-02	2.22 -04	7.366703E-04	2.676040E-05
8300	G	8.369760E-03	-5.941518E-03	3.043397E-02	0.0	0.0	0.0
8531	G	-9.269834E-03	-6.717420E-04	0.0	0.0	0.0	0.0
8533	G	-9.314049E-03	-6.890281E-04	3.111565E-02	0.0	0.0	0.0
8537	G	-8.778840E-03	-6.890291E-04	2.666045E-02	0.0	0.0	0.0
8539	G	-8.405209E-03	-7.065414E-04	0.0	0.0	0.0	0.0
8543	G	-3.632369E-03	0.0	3.111532E-02	0.0	0.0	0.0
8547	G	-3.566771E-03	0.0	2.670135E-02	0.0	0.0	0.0
8561	G	-6.143667E-04	-4.678745E-03	3.124313E-02	0.0	0.0	0.0
8563	G	5.181006E-04	-4.688643E-03	3.110940E-02	0.0	0.0	0.0
8567	G	3.513857E-04	-2.670710E-03	2.671482E-02	0.0	0.0	0.0
8569	G	1.981753E-04	-2.670705E-03	2.320090E-02	0.0	0.0	0.0
8571	G	7.310156E-03	0.0	3.069857E-02	0.0	0.0	0.0
8579	G	6.753854E-03	0.0	2.220614E-02	0.0	0.0	0.0
9303	G	-6.901607E-03	3.939699E-03	2.514948E-02	0.0	0.0	0.0
9307	G	-7.543206E-03	3.949836E-03	2.135397E-02	0.0	0.0	0.0

9313	G	[illegible]	[illegible]	2.515575E-02	0.0	0.0	0.0
9317	G	[illegible]	[illegible]	2.134888E-02	0.0	0.0	0.0
9331	G	[illegible]	-5.3007191E-04	2.618856E-02	0.0	0.0	0.0
9333	G	[illegible]	-5.2747001E-04	2.514689E-02	0.0	0.0	0.0
9337	G	[illegible]	-5.0723861E-04	2.120188E-02	0.0	0.0	0.0
9339	G	[illegible]	-4.9366731E-04	1.942730E-02	0.0	0.0	0.0
9341	G	0.0	-1.6436534E-03	2.291242E-02	0.0	0.0	0.0
9343	G	-3.441235E-04	-1.6378812E-03	2.357317E-02	0.0	0.0	0.0
9347	G	[illegible]	-1.5265499E-03	1.975507E-02	0.0	0.0	0.0
9349	G	0.0	-1.5090499E-03	1.649242E-02	0.0	0.0	0.0
9361	G	-9.839621E-04	-2.793455E-03	2.390063E-02	0.0	0.0	0.0
9363	G	5.846058E-04	-2.930528E-03	2.247368E-02	0.0	0.0	0.0
9367	G	3.028966E-04	-2.805320E-03	1.877378E-02	0.0	0.0	0.0
9369	G	-1.300820E-04	-2.809576E-03	1.702670E-02	0.0	0.0	0.0
9371	G	2.712878E-03	-3.687966E-03	2.284595E-02	0.0	0.0	0.0
9373	G	0.0	-3.752826E-03	2.183270E-02	0.0	0.0	0.0
9377	G	0.0	-4.301115E-03	1.819021E-02	0.0	0.0	0.0
9379	G	2.725293E-03	-4.060622E-03	1.627013E-02	0.0	0.0	0.0
11300	G	1.716343E-03	7.629613E-04	1.458126E-02	0.0	0.0	0.0
11503	G	-3.851391E-03	2.380658E-03	0.0	0.0	0.0	0.0
11507	G	-4.238643E-03	2.380658E-03	0.0	0.0	0.0	0.0
11531	G	-7.690854E-03	-2.311308E-04	0.0	0.0	0.0	0.0
11533	G	-7.835366E-03	-1.943710E-04	1.010396E-02	0.0	0.0	0.0
11537	G	-7.355981E-03	5.268358E-05	7.738814E-03	0.0	0.0	0.0
11539	G	-7.017542E-03	8.226851E-05	0.0	0.0	0.0	0.0
11543	G	-3.375116E-03	-9.487339E-04	1.011603E-02	0.0	0.0	0.0
11547	G	-3.133534E-03	-9.487339E-04	7.760305E-03	0.0	0.0	0.0
11561	G	-1.018251E-03	-7.778672E-04	1.091995E-02	0.0	0.0	0.0
11563	G	2.527195E-04	-7.774592E-04	1.012042E-02	0.0	0.0	0.0
11567	G	-8.271341E-05	-2.737136E-03	7.771157E-03	0.0	0.0	0.0
11569	G	-4.405475E-04	-2.734213E-03	6.631047E-03	0.0	0.0	0.0
11571	G	5.703926E-03	0.0	1.093556E-02	0.0	0.0	0.0
11579	G	4.427955E-03	0.0	6.503917E-03	0.0	0.0	0.0
11700	G	6.866164E-04	1.394563E-03	1.100192E-02	0.0	0.0	0.0
13500	G	-3.318966E-04	-1.574011E-03	-8.123810E-04	0.0	0.0	0.0
13801	G	-4.149817E-03	1.680520E-03	-7.218942E-04	0.0	0.0	0.0
13803	G	-4.224714E-03	1.767597E-03	-1.259708E-03	0.0	0.0	0.0
13807	G	-4.443239E-03	1.794730E-03	-2.718381E-03	0.0	0.0	0.0
13809	G	-4.455451E-03	1.731529E-03	-3.116878E-03	0.0	0.0	0.0
13821	G	-3.539774E-03	9.935054E-04	-5.004865E-04	0.0	0.0	0.0
13823	G	-4.169400E-03	1.042044E-03	-1.251239E-03	0.0	0.0	0.0
13827	G	-4.248478E-03	1.118574E-03	-2.678231E-03	0.0	0.0	0.0
13829	G	-4.093613E-03	1.157828E-03	-3.221205E-03	0.0	0.0	0.0
13831	G	-6.426618E-03	1.437027E-04	-2.477970E-04	0.0	0.0	0.0
13833	G	-5.374160E-03	1.950065E-04	-9.247446E-04	0.0	0.0	0.0
13837	G	-5.269878E 03	3.349723E-04	-2.356005E-03	0.0	0.0	0.0
13839	G	-5.952284E-03	3.595638E-04	-3.126099E-03	0.0	0.0	0.0
13841	G	0.0	-1.843753E-04	1.791107E-04	0.0	0.0	0.0
13843	G	-3.333472E-03	-2.697816E-04	-6.610989E-04	0.0	0.0	0.0
13847	G	-3.292734E-03	-2.837379E-04	-2.155916E-03	0.0	0.0	0.0
13848	G	-3.282209E-03	-8.106872E-04	-1.277269E-03	0.0	0.0	0.0
13849	G	0.0	-7.525771E-04	-6.331040E-04	0.0	0.0	0.0
13861	G	-1.001056E-03	-5.744593E-04	6.366704E-04	0.0	0.0	0.0
13863	G	-1.030711E-03	-5.644262E-04	-5.421406E-04	0.0	0.0	0.0
13867	G	-9.825174E-04	-1.764393E-03	-2.615789E-04	0.0	0.0	0.0
13869	G	-6.564229E-04	-1.748346E-03	-6.017096E-04	0.0	0.0	0.0
13871	G	2.182347E-03	0.0	5.786065E-04	0.0	0.0	0.0
13879	G	2.531385E-03	0.0	-2.701143E-04	0.0	0.0	0.0
14801	G	-4.149817E-03	1.484595E-03	-1.624940E-03	0.0	0.0	0.0
14803	G	-4.155181E-03	1.500519E-03	-1.992253E-03	0.0	0.0	0.0
14807	G	-4.311088E-03	1.760988E-03	-3.328724E-03	0.0	0.0	0.0
14809	G	-4.455451E-03	1.650499E-03	-3.713037E-03	0.0	0.0	0.0
14821	G	-3.594230E-03	1.131406E-03	-1.499461E-03	0.0	0.0	0.0
14823	G	-4.013047E-03	1.130284E-03	-1.992253E-03	0.0	0.0	0.0
14827	G	-4.122045E-03	9.722807E-04	-3.328724E-03	0.0	0.0	0.0
14829	G	-4.125424E-03	9.747169E-04	-3.819072E-03	0.0	0.0	0.0

14831	G	-6.188881E-03	6.9399+8E-04	-1.3496191-03	0.0	0.0	0.0
14833	G	-4.617393E-03	6.573665F-04	-1.907584E-03	0.0	0.0	0.0
14837	G	-4.606854E-03	2.171918F-04	-1.243913E-03	0.0	0.0	0.0
14839	G	-5.738426E-03	1.8434914F-04	-1.675742E-03	0.0	0.0	0.0
14841	G	0.0	-9.948163E-05	-1.209463E-03	0.0	0.0	0.0
14843	G	-3.318473E-03	-1.179760E-04	-1.912624E-03	0.0	0.0	0.0
14847	G	-3.346363E-03	-2.198773E-04	-3.210813E-03	0.0	0.0	0.0
14849	G	0.0	-2.253004F-04	-3.506636E-03	0.0	0.0	0.0
14861	G	-1.158545E-03	-7.067497E-04	-1.058889E-03	0.0	0.0	0.0
14863	G	-1.521256E-03	-7.622072F-04	-1.89103JE-03	0.0	0.0	0.0
14867	G	-1.911957E-03	-6.303980E-04	-3.166009E-03	0.0	0.0	0.0
14869	G	-1.312112E-03	-7.204006E-04	-3.502727E-03	0.0	0.0	0.0
14881	G	6.890190E-04	-1.543481E-03	-1.282822E-03	0.0	0.0	0.0
14883	G	-3.610593E-04	-1.522813E-03	-2.016299E-03	0.0	0.0	0.0
14887	G	-3.566709E-04	-1.469111E-03	-3.371909F-03	0.0	0.0	0.0
14889	G	3.559017E-04	-1.448988E-03	-3.482897E-03	0.0	0.0	0.0
15212	G	-3.953770E-03	1.195083E-03	-1.910380E-03	4.127480E-05	1.5+4532E-05	-4.2+2477E-05
15218	G	-4.281200E-03	1.+216J2E-03	-3.719716E-03	8.792726E-05	2.107518E-05	-1.157193E-05
15601	G	-3.932276E-03	1.093401E-03	-1.845002E-03	0.0	0.0	0.0
15603	G	-4.155181E-03	1.164939E-03	-2.117589E-03	0.0	0.0	0.0
15607	G	-4.311088E-03	1.069454E-03	-3.493428E-03	0.0	0.0	0.0
15609	G	-3.862337E-03	1.476006E-03	-3.962651E-03	0.0	0.0	0.0
15621	G	-3.614882E-03	7.787710E-04	-1.788339E-03	0.0	0.0	0.0
15623	G	-3.942199E-03	7.947043E-04	-2.048661E-03	0.0	0.0	0.0
15625	G	-3.960297E-03	8.515308E-04	-2.717641E-03	0.0	0.0	0.0
15627	G	-4.141368E-03	8.307466E-04	-3.642267E-03	0.0	0.0	0.0
15629	G	-4.123895E-03	9.048027E-04	-4.055463E-03	0.0	0.0	0.0
15633	G	-3.922168E-03	0.0	-2.028495E-03	0.0	0.0	0.0
15637	G	-4.153766E-03	0.0	-3.593317E-03	0.0	0.0	0.0
16481	G	-5.845858E-05	-1.516812E-03	-2.275923E-03	0.0	0.	0.0
16483	G	-4.262011E-04	-1.491427E-03	0.0	0.0	0.0	0.0
16485	G	-4.268200E-04	-1.+36839E-03	0.0	0.0	0.0	0.0
16487	G	-5.033293E-04	-1.313142E-03	0.0	0.0	0.0	0.0
16489	G	-3.439917E-04	-1.262534E-03	-4.191458E-03	0.0	0.0	0.0
17100	G	-4.355945E-03	4.0647+4E-05	-2.598065E-03	0.0	0.0	0.0
18601	G	-2.825501E-03	6.999015E-04	-1.135729E-03	0.0	0.0	0.0
18603	G	-2.631147E-03	7.830395E-04	-1.379434E-03	0.0	0.0	0.0
18607	G	-2.878003E-03	8.047658E-04	-1.968170E-03	0.0	0.0	0.0
18609	G	-3.151938E-03	7.652412E-04	-2.069818E-03	0.0	0.0	0.0
18621	G	-3.072702E-03	6.383519E-04	-1.063496E-03	0.0	0.0	0.0
18623	G	-3.063093E-03	6.590526E-04	-1.337020E-03	0.0	0.0	0.0
18625	G	-3.368955E-03	6.821504E-04	-1.661806E-03	0.0	0.0	0.0
18627	G	-3.312798E-03	6.978287E-04	-1.955718E-03	0.0	0.0	0.0
18629	G	-3.437153E-03	5.298986E-04	-2.126792E-03	0.0	0.0	0.0
18631	G	-3.154211E-03	-7.987073E-05	-1.068235E-03	0.0	0.0	0.0
18633	G	0.0	-7.430618E-05	-1.333241E-03	0.0	0.0	0.0
18635	G	0.0	-5.657865E-05	-1.664482E-03	0.0	0.0	0.0
18637	G	0.0	-4.311252E-05	-1.982890E-03	0.0	0.0	0.0
18639	G	-3.641670E-03	-5.212653E-05	-2.249460E-03	0.0	0.0	0.0
18641	G	-2.710811E-03	-6.543676E-04	-1.070099E-03	3.152399E-05	-7.575850E-06	5.359306E-05
18642	G	-2.606805E-03	-6.497991E-04	-1.141991E-03	3.588467E-05	2.161287E-05	5.031595E-05
18643	G	-2.436408E-03	-6.449688E-04	-1.263726E-03	0.0	5.072118E-05	4.739260E-05
18644	G	-2.243614E-03	-6.265379E-04	-1.475008E-03	0.0	0.0	1.112128E-05
18645	G	-2.272054E-03	-6.128657E-04	-1.671564E-03	0.0	0.0	-2.097733E-05
18646	G	-2.486904E-03	-6.018274E-04	-1.861904E-03	0.0	0.0	-5.326899E-05
18647	G	-2.959234E-03	-5.927242E-04	-2.089801E-03	0.0	9.804960E-06	-9.022909E-05
18648	G	-3.279132E-03	-5.882657E-04	-2.223254E-03	3.808549E-05	-2.925123E-05	-9.365621E-05
18649	G	-3.471928E-03	-5.845684E-04	-2.302180E-03	4.391291E-05	-6.841531E-05	-9.922030E-05
18651	G	-2.742543E-03	-7.206881E-04	-1.077800E-03	3.415067E-05	-2.725262E-05	6.215827E-05
18652	G	-2.620585E-03	-7.215959E-04	-1.144920E-03	3.363421E-05	6.696669E-06	5.983269E-05
18653	G	-3.395409E-03	-6.835531E-04	-2.225550E-03	3.679839E-05	-2.011200E-05	-1.174555E-04
18654	G	-3.533826E-03	-6.870292E-04	-2.302831E-03	4.449738E-05	-8.360467E-05	-1.206477E-04
18656	G	-2.969788E-03	-6.979317E-04	-1.084103E-03	3.205377E-05	-4.863927E-05	1.996515E-04
18657	G	-2.554383E-03	-8.954655E-04	-1.149663F-03	3.284114E-05	1.591321F-05	2.149403E-04
18658	G	-3.442351E-03	-6.583379E-04	-2.228093E-03	3.623782E-05	-1.386481E-05	-3.301252E-04
18659	G	-4.093211E-03	-8.566079E-04	-2.301140E-03	3.827206E-05	-9.133719E-05	-3.207624E-04

18661	G	-2.812589E-03	-9.738889E-04	-1.087950E-03	3.487250E-05	6.375338E-05	2.119849E-04
18662	G	-2.403092E-03	-9.718370E-04	-1.153779E-03	3.120273E-05	7.680169E-05	2.001271E-04
18663	G	-1.718211E-03	-9.722794E-04	-1.261251E-03	2.971497E-05	8.981404E-05	1.917718E-04
18664	G	-7.233645E-04	-9.652330E-04	-1.472636E-03	0.0	0.0	1.066398E-04
18665	G	-4.240910E-04	-9.598189E-04	-1.665842E-03	0.0	0.0	-8.560314E-06
18666	G	-8.638259E-04	-9.559821E-04	-1.662093E-03	0.0	0.0	-1.451765E-04
18667	G	-2.291792E-03	-9.543896E-04	-2.097989E-03	3.617641E-05	1.497476E-04	-2.922697E-04
18668	G	-3.338826E-03	-9.566944E-04	-2.229087E-03	3.674772E-05	1.069464E-04	-3.086552E-04
18669	G	-3.974795E-03	-9.594664E-04	-2.299978E-03	3.805 70E-05	7.131805E-05	-3.256418E-04
18681	G	-9.337107E-04	-1.327229E-03	-1.138886E-03	0.0	0.0	0.0
18683	G	-6.701548E-04	-1.327968E-03	-1.265621E-03	2.971497E-05	8.271478E-05	2.249306E-06
18685	G	-5.110202E-04	-1.363843E-03	-1.659685E-03	0.0	0.0	0.0
18687	G	-6.144645E-04	-1.387421E-03	-2.104115E-03	3.617641E-05	1.331414E-04	2.249305E-06
18689	G	-1.231499E-03	-1.394188E-03	-2.344184E-03	0.0	0.0	0.0
18983	G	-7.014170E-04	-1.240649E-03	-1.281088E-03	0.0	-6.566770E-05	4.247582E-05
18987	G	-6.118112E-04	-1.297202E-03	-2.147063E-03	0.0	-9.477625E-05	4.386569E-05
19741	G	-2.590656E-03	1.235676E-04	-4.575723E-04	1.990824E-05	-4.647567E-05	-1.520030E-05
19742	G	-2.679777E-03	1.332987E-04	-5.748493E-04	1.313952E-05	-5.700272E-05	-1.679915E-05
19743	G	-2.717948E-03	1.340485E-04	-6.036875E-04	0.0	-6.169209E-05	-1.837238E-05
19745	G	-2.885677E-03	1.401693E-04	-7.265795E-04	0.0	0.0	-2.396622E-05
19747	G	-3.097299E-03	1.507635E-04	-8.677002E-04	0.0	-8.394329E-05	-2.945626E-05
19748	G	-3.162778E-03	1.544050E-04	-9.059312E-04	1.741006E-05	-8.596171E-05	-3.086678E-05
19749	G	-3.455249E-03	1.569416E-04	-1.043272E-03	1.878204E-05	-9.342101E-05	-3.064374E-05
19751	G	-2.922262E-03	7.080079E-06	-4.633958E-04	2.552272E-05	-5.500310E-05	-2.114172E-05
19752	G	-3.117059E-03	5.779672E-06	-5.748568E-04	1.054804E-05	-6.262423E-05	-2.766417E-05
19758	G	-3.805395E-03	-1.031758E-05	-9.073331E-04	2.065131E-05	-8.950492E-05	-3.804849E-05
19759	G	-4.111018E-03	-2.760980E-05	-1.051774E-03	1.474296E-05	-1.057657E-04	-4.394587E-05
19761	G	-3.062899E-03	-3.199207E-05	-4.638718E-04	1.344490E-05	-5.791578E-05	-2.755474E-05
19762	G	-3.274524E-03	-3.268455E-05	-5.748933E-04	1.461724E-05	-6.419861E-05	-2.796042E-05
19763	G	-3.337614E-03	-3.363789E-05	-6.052761E-04	0.0	-6.343628E-05	-3.017942E-05
19765	G	-3.606961E-03	-4.048576E-05	-7.252835E-04	0.0	0.0	-3.765844E-05
19767	G	-3.931288E-03	-5.111042E-05	-8.677654E-04	0.0	-8.592552E-05	-4.406438E-05
19768	G	-4.028670E-03	-5.452477E-05	-9.080456E-04	1.930834E-05	-9.071836E-05	-4.569272E-05
19769	G	-4.379194E-03	-6.026382E-05	-1.052070E-03	1.779792E-05	-1.099431E-04	-4.596927E-05
21183	G	-8.156779E-04	1.283705E-03	1.628785E-03	0.0	9.170175E-05	1.670761E-04
2.187	G	-6.418510E-04	1.301241E-03	2.210156E-03	0.0	1.284467E-04	1.720118E-04
21321	G	-1.837281E-03	4.749657E-04	1.284116E-03	0.0	0.0	0.0
21323	G	-2.246077E-03	4.587036E-04	1.398489E-03	0.0	0.0	0.0
21325	G	-2.552436E-03	4.377309E-04	1.602983E-03	0.0	0.0	0.0
21327	G	-2.877438E-03	4.267788E-04	1.866594E-03	0.0	0.0	0.0
21329	G	-2.975575E-03	4.276554E-04	2.158900E-03	0.0	0.0	0.0
21341	G	-2.732356E-03	1.528084E-03	1.188120E-03	-2.620278E-05	-8.036786E-05	-1.384324E-04
21343	G	-3.510961E-03	1.514921E-03	1.313547E-03	0.0	-7.927981E-05	-1.392229E-04
21345	G	-4.867073E-03	1.478197E-03	1.549229E-03	0.0	-5.969217E-05	-6.929264E-05
21347	G	-4.753899E-03	1.457211E-03	1.795244E-03	0.0	-4.010455E-05	1.056587E-04
21349	G	-4.086774E-03	1.451261E-03	1.951749E-03	-1.310821E-05	-3.901651E-05	1.339409E-04
21361	G	-3.379398E-03	1.776070E-03	1.169147E-03	0.0	0.0	0.0
21363	G	-3.652894E-03	1.766340E-03	1.301887E-03	1.017401E-05	2.326232E-04	0.0
21364	G	-4.093036E-03	1.760150E-03	1.388527E-03	0.0	0.0	0.0
21366	G	-4.593626E-03	1.732324E-03	1.680091E-03	0.0	0.0	0.0
21367	G	-4.729301E-03	1.725045E-03	1.768362E-03	7.325210E-06	3.351327E-04	0.0
21369	G	-4.907649E-03	1.706544E-03	1.913514E-03	0.0	0.0	0.0
21383	G	-8.212400E-04	1.659014E-03	1.298135E-03	5.266683E-06	2.105656E-04	1.700742E-04
21387	G	-6.498662E-04	1.687693E-03	1.738085E-03	-5.735888E-06	3.033460E-04	1.751537E-04
21485	G	0.0	1.643304E-03	1.288663E-03	-2.432530E-05	0.0	0.0
21801	G	-1.328833E-03	2.607089E-05	1.901945E-03	0.0	0.0	0.0
21803	G	-1.482900E-03	-1.678536E-05	2.057295E-03	0.0	0.0	0.0
21807	G	-1.873206E-03	-2.488407E-05	2.524685E-03	0.0	0.0	0.0
21809	G	-2.152169E-03	1.143193E-05	2.578515E-03	0.0	0.0	0.0
21821	G	-1.777931E-03	2.895512E-04	1.706659E-03	0.0	0.0	0.0
21823	G	-2.141199E-03	2.563444E-04	2.018210E-03	0.0	0.0	0.0
21825	G	-2.493185E-03	2.149117E-04	2.302499E-03	0.0	0.0	0.0
21827	G	-2.786753E-03	1.613518E-04	2.491097E-03	0.0	0.0	0.0
21829	G	-2.927939E-03	1.213376E-04	2.596884E-03	0.0	0.0	0.0
22312	G	-1.487149E-03	-1.691596E-04	2.280534E-03	0.0	0.0	0.0
22318	G	-2.343830E-03	-9.549486E-05	1.023206E-03	0.0	0.0	0.0

22701	G	-1.[illegible]	[illegible]-04	2.637136E-03	0.0	0.0	0.0
22703	G	-1.[illegible]	5.137778E-04	2.850923E-03	0.0	0.0	0.0
22707	G	-1.[illegible]	-4.995963E-04	3.279906E-03	0.0	0.0	0.0
22709	G	-2.[illegible]	-4.162518E-04	3.457642E-03	0.0	0.0	0.0
22721	G	-1.[illegible]	-4.757535E-05	2.375962E-03	0.0	0.0	0.0
22723	G	-2.[illegible]	-1.149902E-04	2.813328E-03	0.0	0.0	0.0
22725	G	-2.[illegible]	1.949419E-04	3.131163E-03	0.0	0.0	0.0
22727	G	-2.[illegible]	-1.876110E-04	3.397727E-03	0.0	0.0	0.0
22729	G	-2.879773E-03	-2.290978E-04	3.366322E-03	0.0	0.0	0.0
23100	G	-4.[illegible]	1.799516E-04	3.666430E-03	0.0	0.0	0.0
25001	G	-1.[illegible]	1.[illegible]38E-03	4.741477E-03	0.0	0.0	0.0
25003	G	-1.[illegible]	1.[illegible]87E-03	4.925519E-03	0.0	0.0	0.0
25007	G	-1.[illegible]	-1.[illegible]5E-03	5.666621E-03	0.0	0.0	0.0
25009	G	-2.048712E-03	-1.538626E-03	6.127451E-03	0.0	0.0	0.0
25021	G	-1.538650E-03	-1.203594E-03	4.551294E-03	0.0	0.0	0.0
25025	G	-2.280829E-03	-1.156727E-03	5.301774E-03	0.0	0.0	0.0
25029	G	-2.860683E-03	-1.120313E-03	6.408442E-03	0.0	0.0	0.0
25041	G	-2.647321E-03	-1.231942E-05	6.476074E-03	0.0	0.0	0.0
25045	G	0.0	-7.615090E-05	5.120978E-03	0.0	0.0	0.0
25049	G	-4.240129E-03	-1.354461E-04	6.484843E-03	0.0	0.0	0.0
25061	G	-3.636565E-03	6.836026E-04	4.464388E-03	0.0	0.0	0.0
25065	G	-4.479785E-03	7.369112E-04	4.847124E-03	0.0	0.0	0.0
25069	G	-5.262133E-03	7.006389E-04	6.527126E-03	0.0	0.0	0.0
26801	G	-1.105295E-03	-2.635875E-03	6.663442E-03	0.0	0.0	0.0
26809	G	-1.[illegible]76E-03	-2.617688E-03	7.558074E-03	0.0	0.0	0.0
26821	G	-1.399183E-03	-2.146681E-03	6.[illegible]E-03	0.0	0.0	0.0
26825	G	-2.[illegible]38E-03	-2.137979E-03	7.225167E-03	0.0	0.0	0.0
26829	G	-2.920340E-03	-2.128101E-03	6.180782E-03	0.0	0.0	0.0
26841	G	-2.615605E-03	-1.109297E-03	6.198127E-03	0.0	0.0	0.0
26845	G	0.0	-1.[illegible]94E-03	7.280033E-03	0.0	0.0	0.0
26849	G	-4.178163E-03	-1.067417E-03	8.232113E-03	0.0	0.0	0.0
26861	G	-3.626600E-03	-2.746681E-04	6.204773E-03	0.0	0.0	0.0
26865	G	-4.455518E-03	-2.757523E-04	7.354043E-03	0.0	0.0	0.0
26869	G	-5.344059E-03	-2.779944E-04	8.287694E-03	0.0	0.0	0.0
29905	G	-1.882569E-03	-4.912633E-03	1.013159E-02	0.0	0.0	0.0
29921	G	-1.[illegible]6E-03	-4.551850E-03	9.088593E-03	0.0	0.0	0.0
29925	G	-2.233047E-03	-4.[illegible]94E-03	1.011096E-02	0.0	0.0	0.0
29929	G	-3.[illegible]8E-03	-4.551850E-03	1.113106E-02	0.0	0.0	0.0
29941	G	-2.424126E-03	-3.343225E-03	8.809194E-03	0.0	0.0	0.0
29945	G	0.0	-3.342357E-03	1.022945E-02	0.0	0.0	0.0
29949	G	-4.167728E-03	-3.343757E-03	1.126506E-02	0.0	0.0	0.0
29961	G	-3.473270E-03	-2.135891E-03	8.930732E-03	0.0	0.0	0.0
29965	G	-4.378363E-03	-2.139544E-03	9.979533E-03	0.0	0.0	0.0
29969	G	-5.199987E-03	-2.135891E-03	1.103661E-02	0.0	0.0	0.0
30045	G	-3.338747E-03	-3.324760E-03	1.004939E-02	-8.367450E-05	-7.553989E-05	-7.024889E-05
31745	G	-3.411794E-03	-4.605222E-03	1.133619E-02	-9.296331E-05	-8.582486E-05	-8.098503E-05
33845	G	-3.482007E-03	-6.273828E-03	1.257382E-02	-1.051492E-04	-5.222147E-05	-9.019348E-05
35945	G	-3.528687E-03	-8.092955E-03	1.344805E-02	-1.210662E-04	-3.091067E-05	-9.712804E-05
38045	G	-3.541041E-03	-9.990972E-03	1.376186E-02	-1.423260E-04	9.356805E-07	-9.979126E-05
40141	G	-5.436952E-04	-1.185759E-02	8.866716E-03	-1.122946E-04	4.689858E-05	-9.133763E-05
40142	G	-1.496143E-03	-1.185759E-02	1.003898E-02	-1.293261E-04	4.689858E-05	-9.259944E-05
40143	G	-2.542766E-03	-1.185759E-02	1.161049E-02	-1.438039E-04	4.689858E-05	-9.471075E-05
40145	G	-3.502655E-03	-1.185789E-02	1.326227E-02	-1.695546E-04	4.689122E-05	-9.742942E-05
40147	G	-4.484434E-03	-1.185759E-02	1.499727E-02	-2.073860E-04	4.690119E-05	-1.098277E-04
40148	G	-5.822614E-03	-1.185759E-02	1.763108E-02	-2.579399E-04	4.690119E-05	-1.273065E-04
40149	G	-7.216346E-03	-1.185759E-02	2.051790E-02	-2.881729E-04	4.690119E-05	-1.377527E-04
42245	G	-3.390837E-03	-1.358315E-02	1.168230E-02	-2.037590E-04	1.033491E-04	-9.053315E-05
44345	G	-3.197422E-03	-1.506547E-02	8.798886E-03	-2.509842E-04	1.710217E-04	-7.914098E-05
45245	G	-3.085669E-03	-1.560467E-02	7.099282E-03	-2.787956E-04	2.021850E-04	-7.224939E-05
46445	G	-2.915438E-03	-1.618437E-02	4.685235E-03	-3.184201E-04	2.385665E-04	-6.275938E-05
48045	G	9.066260E-04	-1.101433E-02	5.300294E-04	-4.504039E-04	2.511106E-04	-4.542801E-05
48845	G	3.079984E-03	-7.309813E-03	-1.716655E-03	-5.295775E-04	2.646993E-04	-5.333287E-05
49745	G	5.397752E-03	-2.969942E-03	-4.113965E-03	-6.138228E-04	2.769174E-04	-7.359291E-05
50645	G	7.801745E-03	1.[illegible]93E-03	-6.601710E-03	-7.031632E-04	2.956550E-04	-1.115034E-04
51545	G	1.027739E-02	7.069387E-03	-9.159621E-03	-7.986904E-04	2.926500E-04	-1.653088E-04
52045	G	1.286973E-02	1.[illegible]42E-02	-1.070765E-02	-8.567115E-04	2.955098E-04	-2.221456E-04

61912	G	-3.100324E-03	-9.733746E-04	-1.041765E-03	3.182834E-05	5.318121E-05	2.160980E-04
61913	G	-3.168787E-03	-9.924115E-04	-1.041765E-03	3.182834E-05	5.318121E-05	1.042248E-04
61914	G	-3.232217E-03	-8.944403E-04	-1.041765E-03	3.182834E-05	5.318121E-05	1.939333E-04
61916	G	-2.826366E-03	-7.298992E-04	-1.034022E-03	2.899658E-05	-1.943507E-05	6.275243E-05
61917	G	-2.880911E-03	-7.008736E-04	-1.034022E-03	2.899658E-05	-1.943507E-05	7.323094E-05
61918	G	-2.783603E-03	-6.663967E-04	-1.034022E-03	2.899658E-05	-1.943507E-05	5.491092E-05
61922	G	-2.949270E-03	-1.648224E-05	-4.234086E-04	2.746709E-05	-6.343443E-05	1.095366E-04
61923	G	-2.893448E-03	7.688791E-06	-4.234086E-04	2.746709E-05	-6.343443E-05	-1.903332E-05
61924	G	-2.842066E-03	2.393713E-05	-4.234086E-04	2.746709E-05	-6.343443E-05	1.459180E-04
61926	G	-2.603393E-03	1.361994E-04	-4.218575E-04	2.710032E-05	-5.067265E-05	1.101428E-04
61927	G	-2.568935E-03	1.246276E-04	-4.218575E-04	2.710032E-05	-5.067266E-05	-1.450991E-05
61928	G	-2.517249E-03	1.522649E-04	-4.218575E-04	2.710032E-05	-5.067265E-05	9.810453E-05
61934	G	-2.563231E-03	1.565079E-03	1.131428E-03	-2.906183E-05	-8.048803E-05	9.843089E-05
61935	G	-2.511719E-03	1.546479E-03	1.131428E-03	-2.906183E-05	-8.048803E-05	-1.376320E-04
61936	G	-2.455377E-03	1.526136E-03	1.131428E-03	-2.906183E-05	-8.048803E-05	1.132209E-04
62211	G	-3.596737E-03	-9.364951E-04	-9.652432E-04	0.0	0.0	0.0
62213	G	-3.485386E-03	-8.595272E-04	-9.637820E-04	4.106578E-05	4.502502E-05	1.084107E-04
62217	G	-3.032572E-03	-6.626465E-04	-9.526676E-04	2.231795E-05	-1.515913E-05	7.641286E-05
62219	G	-2.942140E-03	-6.576369E-04	-9.516415E-04	0.0	0.0	0.0
62221	G	-3.447664E-03	5.230574E-05	-2.681962E-04	-7.339944E-06	-2.015427E-04	9.685992E-05
62224	G	-3.275155E-03	1.015035E-04	-2.660565E-04	4.396559E-05	3.064169E-05	1.401396E-04
62226	G	-2.928027E-03	1.684347E-04	-2.627044E-04	2.155868E-05	-9.219183E-05	1.050115E-04
62229	G	-2.799898E-03	2.098664E-04	-2.621270E-04	2.709233E-05	-3.953410E-05	9.667552E-05
62231	G	-2.942893E-03	1.604016E-03	9.351501E-04	-4.615811E-05	-9.452979E-05	9.488771E-05
62239	G	-2.791277E-03	1.546695E-03	9.372970E-04	-7.629587E-05	-7.466733E-05	1.094572E-04
62811	G	-4.072510E-03	-7.974065E-04	-7.278796E-04	0.0	0.0	0.0
62819	G	-3.696093E-03	-5.580678E-04	-7.384522E-04	0.0	0.0	0.0
62821	G	-3.947459E-03	1.464077E-04	-1.038727E-04	0.0	0.0	0.0
62829	G	-3.381010E-03	2.879803E-04	-1.044841E-04	0.0	0.0	0.0
62831	G	-3.520293E-03	1.611808E-03	8.528042E-04	0.0	0.0	0.0
62839	G	-3.382908E-03	1.589540E-03	8.521620E-04	0.0	0.0	0.0
63411	G	-4.570436E-03	-6.889876E-04	-4.931143E-04	0.0	0.0	0.0
63419	G	-4.091162E-03	-4.801389E-04	-4.952757E-04	0.0	0.0	0.0
63421	G	-4.452582E-03	2.416163E-04	5.293741E-05	0.0	0.0	0.0
63429	G	-3.986228E-03	3.739325E-04	5.176180E-05	0.0	0.0	0.0
63431	G	-4.103627E-03	1.620669E-03	8.370930E-04	0.0	0.0	0.0
63439	G	-3.986731E-03	1.620037E-03	8.365863E-04	0.0	0.0	0.0
64211	G	-5.286571E-03	-5.364965E-04	-1.674684E-04	0.0	0.0	0.0
64219	G	-4.945442E-03	-3.534132E-04	-1.693338E-04	0.0	0.0	0.0
64221	G	-5.189348E-03	3.405109E-04	2.570802E-04	0.0	0.0	0.0
64229	G	-4.858367E-03	4.971123E-04	2.568364E-04	1.565136E-05	-4.471802E-05	8.924563E-05
64231	G	-4.943736E-03	1.639971E-03	8.257574E-04	0.0	0.0	0.0
64239	G	-4.853986E-03	1.645691E-03	8.254929E-04	0.0	0.0	0.0
65011	G	-5.996123E-03	-3.852027E-04	1.440890E-04	0.0	0.0	0.0
65019	G	-5.782612E-03	-2.178126E-04	1.416848E-04	0.0	0.0	0.0
65021	G	-5.926978E-03	5.217623E-04	4.308252E-04	0.0	0.0	0.0
65029	G	-5.719803E-03	6.193567E-04	4.308003E-04	0.0	0.0	0.0
65031	G	-5.774446E-03	1.657961E-03	8.000629E-04	0.0	0.0	0.0
65039	G	-5.711876E-03	1.662045E-03	7.999379E-04	0.0	0.0	0.0
65911	G	-6.713077E-03	-2.237013E-04	4.604168E-04	0.0	0.0	0.0
65919	G	-6.619181E-03	-7.802865E-05	4.667137E-04	0.0	0.0	0.0
65921	G	-6.687853E-03	6.650360E-04	5.704982E-04	0.0	0.0	0.0
65929	G	-6.594632E-03	7.509110E-04	5.625347E-04	1.561372E-05	-1.096384E-05	9.484727E-05
65931	G	-6.614853E-03	1.667650E-03	7.653052E-04	0.0	0.0	0.0
65939	G	-6.576121E-03	1.670741E-03	7.649229E-04	0.0	0.0	0.0
71912	G	-4.415262E-03	-9.623477E-04	-2.354883E-03	4.141932E-05	4.245073E-05	-3.302419E-04
71913	G	-4.469898E-03	-9.090409E-04	-2.354883E-03	4.141932E-05	4.245073E-05	-1.335241E-05
71914	G	-4.520539E-03	-8.596277E-04	-2.354883E-03	4.141932E-05	4.245073E-05	-3.179731E-04
71916	G	-3.795890E-03	-6.866271E-04	-2.368396E-03	5.092462E-05	-8.617368E-05	-1.210914E-04
71917	G	-3.709630E-03	-6.356516E-04	-2.368396E-03	5.092462E-05	-8.617368E-05	5.705138E-05
71918	G	-3.607169E-03	-5.751022E-04	-2.368396E-03	5.092462E-05	-8.617368E-05	-1.017797E-04
71922	G	-4.283991E-03	-6.210257E-05	-1.075929E-03	2.116941E-05	-1.215487E-04	2.720482E-05
71923	G	-4.177030E-03	-4.347347E-05	-1.075929E-03	2.116941E-05	-1.215487E-04	-4.584769E-05
71924	G	-4.078574E-03	-2.632623E-05	-1.075929E-03	2.116941E-05	-1.215487E-04	-1.253849E-05
71926	G	-3.572362E-03	1.521824E-04	-1.075135E-03	2.736760E-05	-1.061529E-04	6.913832E-05
71927	G	-3.500178E-03	1.707924E-04	-1.075135E-03	2.736760E-05	-1.061529E-04	-3.083765E-05

71928	G	-3.391902E-03	1.987074E-04	-1.075135E-03	2.736760E-05	-1.061529E-04	9.113504E-05
71934	G	-3.889875E-03	1.389147E-03	1.859829E-03	1.003788E-04	-3.889420E-05	1.269296E-04
71935	G	-3.866988E-03	1.453389E-03	1.859829E-03	1.003788E-04	-3.889420E-05	1.409632E-04
71936	G	-3.837757E-03	1.523654E-03	1.859829E-03	1.003788E-04	-3.889420E-05	2.450277E-04
72211	G	-4.752051E-03	-1.322741E-03	-2.499821E-03	0.0	0.0	0.0
72213	G	-4.501924E-03	-9.201120E-04	-2.592110E-03	3.292334E-05	5.095052E-05	-8.143420E-06
72217	G	-3.533796E-03	-5.897270E-04	-2.508127E-03	8.873130E-05	-8.734992E-05	8.303949E-05
72219	G	-3.342668E-03	-5.383650E-04	-2.506294E-03	0.0	0.0	0.0
72221	G	-4.476383E-03	-1.619501E-04	-1.033945E-03	9.587564E-05	-3.284835E-04	4.658051E-05
72224	G	-4.108291E-03	-3.984716E-05	-1.036422E-03	1.278367E-05	-1.435947E-05	-6.064414E-06
72226	G	-3.363788E-03	1.955326E-04	-1.043322E-03	3.177715E-05	-1.234068E-04	7.130957E-05
72229	G	-3.084420E-03	2.784070E-04	-1.046188E-03	5.267709E-05	-1.708176E-04	8.230435E-05
72231	G	-3.462371E-03	1.343061E-03	1.429737E-03	7.053567E-05	8.341667E-05	9.606678E-05
72239	G	-3.135886E-03	1.515029E-03	1.428859E-03	1.554156E-04	-9.025855E-05	2.118154E-04
72811	G	-4.403939E-03	-9.434123E-04	-2.642260E-03	0.0	0.0	0.0
72819	G	-3.062925E-03	-4.602286E-04	-2.641735E-03	0.0	0.0	0.0
72821	G	-4.108466E-03	-1.392642E-04	-1.179557E-03	0.0	0.0	0.0
72829	G	-2.777834E-03	3.538296E-04	-1.177751E-03	0.0	0.0	0.0
72831	G	-3.391244E-03	1.321385E-03	1.099969E-03	0.0	0.0	0.0
72839	G	-2.763262E-03	1.460758E-03	1.098869E-03	0.0	0.0	0.0
73411	G	-3.989304E-03	-9.580962E-04	-2.766315E-03	0.0	0.0	0.0
73419	G	-2.752175E-03	-3.979092E-04	-2.767401E-03	0.0	0.0	0.0
73421	G	-3.688692E-03	-6.483631E-05	-1.327721E-03	0.0	0.0	0.0
73429	G	-2.460045E-03	3.867757E-04	-1.328327E-03	0.0	0.0	0.0
73431	G	-2.751447E-03	1.297422E-03	7.637634E-04	0.0	0.0	0.0
73439	G	-2.440158E-03	1.416962E-03	7.633097E-04	0.0	0.0	0.0
74211	G	-3.406382E-03	-7.384936E-04	-2.968259E-03	0.0	0.0	0.0
74219	G	-2.313640E-03	-3.121805E-04	-2.967124E-03	0.0	0.0	0.0
74221	G	-3.101147E-03	4.068550E-05	-1.570164E-03	0.0	0.0	0.0
74229	G	-2.008926E-03	4.552209E-04	-1.570270E-03	5.463768E-05	-1.465718E-04	8.052343E-05
74231	G	-2.274412E-03	1.255544E-03	3.149334E-04	0.0	0.0	0.0
74239	G	-1.975805E-03	1.366950E-03	3.146866E-04	0.0	0.0	0.0
75011	G	-2.847623E-03	-6.226245E-04	-3.192191E-03	0.0	0.0	0.0
75019	G	-1.893519E-03	-2.349995E-04	-3.190930E-03	0.0	0.0	0.0
75021	G	-2.537333E-03	1.364626E-04	-1.832074E-03	0.0	0.0	0.0
75029	G	-1.576497E-03	5.149408E-04	-1.831712E-03	0.0	0.0	0.0
75031	G	-1.818139E-03	1.209178E-03	-1.412831E-04	0.0	0.0	0.0
75039	G	-1.529367E-03	1.320440E-03	-1.413784E-04	0.0	0.0	0.0
75911	G	-2.294511E-03	-5.307777E-04	-3.439784E-03	0.0	0.0	0.0
75919	G	-1.478615E-03	-1.684800E-04	-3.444138E-03	0.0	0.0	0.0
75921	G	-1.977500E-03	2.344638E-04	-2.113536E-03	0.0	0.0	0.0
75929	G	-1.147056E-03	9.659871E-04	-2.113885E-03	6.027754E-05	-1.522076E-04	8.403772E-05
75931	G	-1.367262E-03	1.161654E-03	-6.196736E-04	0.0	0.0	0.0
75939	G	-1.088119E-03	1.270580E-03	-6.196245E-04	0.0	0.0	0.0
122400	G	-7.632714E-03	8.380804E-03	-3.835936E-04	-9.118987E-05	-2.257014E-04	-1.057666E-04
123467	G	-5.104262E-03	1.453046E-03	4.194770E-03	0.0	0.0	0.0
123487	G	-7.677205E-03	6.938864E-03	2.731814E-03	0.0	0.0	0.0
124800	G	-7.632714E-03	5.852986E-03	5.013668E-03	-9.118987E-05	-2.257014E-04	-1.057666E-04
125063	G	-3.802710E-03	6.836026E-04	4.539799E-03	0.0	0.0	0.0
125065	G	-4.573327E-03	7.060112E-04	5.347999E-03	0.0	0.0	0.0
125067	G	-5.107980E-03	7.006389E-04	6.527126E-03	0.0	0.0	0.0
125383	G	-5.136613E-03	4.782472E-03	5.143022E-03	0.0	0.0	0.0
125387	G	-7.618111E-03	4.782472E-03	7.282499E-03	0.0	0.0	0.0
126863	G	-3.895677E-03	-2.743681E-04	6.577838E-03	0.0	0.0	0.0
126867	G	-5.055629E-03	-2.779944E-04	7.984620E-03	0.0	0.0	0.0
127200	G	-7.632714E-03	3.229975E-03	1.060806E-02	-9.118987E-05	-2.257014E-04	-1.057666E-04
189073	G	-1.461065E-03	-5.812575E-04	-1.196389E-03	1.777609E-06	-7.109444E-05	5.432899E-05
189077	G	-1.164227E-04	-5.812575E-04	-1.238385E-03	1.777609E-06	-7.109444E-05	5.432899E-05
200070	G	-2.505584E-04	-2.125137E-05	-5.011770E-04	1.777609E-06	-7.109444E-05	5.432899E-05
200078	G	-7.887441E-04	-3.470789E-05	-5.011770E-04	1.777609E-06	-7.109444E-05	5.432899E-05
200079	G	-8.937013E-04	-3.733249E-05	-5.014013E-04	1.769106E-06	-7.073869E-05	5.432899E-05
200086	G	-1.503492E-03	-5.289359E-05	-5.019472E-04	2.045833E-06	-8.074631E-05	5.432899E-05
200087	G	-1.397344E-03	-4.993241E-05	-5.019472E-04	1.732904E-06	-6.924955E-05	5.432899E-05
200095	G	-2.121966E-03	-6.833202E-05	-5.026106E-04	1.411931E-06	-5.761323E-05	5.432899E-05
200096	G	-1.998074E-03	-6.496155E-05	-5.026106E-04	1.705329E-06	-6.821098E-05	5.432899E-05
200101	G	-2.384452E-03	-7.461652E-05	-5.030439E-04	7.729951E-07	-3.408147E-05	5.432899E-05

200106	G	-2.500370E-03	-7.692532E-05	-5.038485E-04	9.655349E-08	-9.523367E-06	5.432899E-05
200114	G	-2.436206E-03	-7.383428E-05	-5.050614E-04	-8.495148E-07	2.481350E-05	5.432899E-05
200121	G	-2.168276E-03	-6.527833E-05	-5.061228E-04	-1.579887E-06	5.116322E-05	5.432899E-05
200129	G	-1.655771E-03	-4.976885E-05	-5.073359E-04	-2.264906E-06	7.579105E-05	5.432899E-05
200137	G	-9.763681E-04	-2.956102E-05	-5.073356E-04	-2.754477E-06	9.338798E-05	5.432899E-05
200145	G	-1.806689E-04	-6.223030E-06	-5.073356E-04	-3.046869E-06	1.033955E-04	5.432899E-05
200153	G	6.431579E-04	1.790481E-05	-5.073356E-04	-3.140445E-06	1.072583E-04	5.432899E-05
200155	G	8.801976E-04	2.486515E-05	-5.073356E-04	-3.140445E-06	1.072583E-04	5.432899E-05
211001	G	3.503350E-01	1.365750E 00	-1.613993E 00	4.341636E-02	-1.557172E-02	-1.023849E-02
211002	G	3.503953E-01	-1.337984E 00	-1.588017E 00	-4.270551E-02	-1.535100E-02	1.000207E-02
211073	G	-1.461065E-03	6.320279E-04	3.540479E-04	1.777609E-06	-7.109444E-05	5.432899E-05
211077	G	-1.164227E-04	6.020279E-04	3.100520E-04	1.777609E-06	-7.109444E-05	5.432899E-05
214075	G	-7.187441E-04	7.530625E-04	5.296925E-04	1.777609E-06	-7.109444E-05	5.432899E-05
214901	G	3.503350E-01	9.620468E-01	-1.000300E 00	4.341636E-02	-1.557172E-02	-1.023849E-02
214902	G	3.503953E-01	-9.436029E-01	-9.827268E-01	-4.270551E-02	-1.535100E-02	1.000207E-02
215101	G	6.210413E-02	1.309054E-01	-4.746432E-01	3.782804E-02	-2.171965E-02	-3.116756E-03
215102	G	6.334960E-02	-1.262442E-01	-4.656627E-01	-3.721501E-02	-2.160331E-02	2.999405E-03
215201	G	-4.281200E-03	1.421602E-03	-3.719716E-03	1.875361E-02	-2.238452E-02	-9.804026E-04
215202	G	-3.953770E-03	1.195083E-03	-1.910380E-03	-1.849861E-02	-2.233509E-02	9.366230E-04
222001	G	3.494266E-01	1.631059E-01	-1.622967E-01	1.239365E-02	-1.389851E-02	-7.307637E-03
222002	G	3.494982E-01	-1.614538E-01	-1.618897E-01	-1.222523E-02	-1.368784E-02	7.119451E-03
222201	G	8.714104E-02	1.028200E-02	-4.008057E-02	3.519512E-03	-1.765117E-02	-6.187693E-04
222202	G	8.878922E-02	-1.057767E-02	-4.101639E-02	-3.505609E-03	-1.753661E-02	5.273027E-04
222301	G	-2.343830E-03	-9.549486E-05	3.023206E-03	9.769490E-04	-1.801341E-02	2.203218E-04
222302	G	-1.487149E-03	-1.691596E-04	2.280534E-03	-1.020075E-03	-1.796478E-02	-2.865868E-04
223401	G	3.494266E-01	5.677975E-02	3.992672E-02	1.239365E-02	-1.389851E-02	-7.307637E-03
223402	G	3.494982E-01	-5.786571E-02	3.726843E-02	-1.222523E-02	-1.368784E-02	7.119451E-03
520018	G	1.326884E-02	1.336142E-02	-1.224857E-02	-8.552754E-04	2.955098E-04	-2.211524E-04
520024	G	1.340597E-02	1.336142E-02	-1.277886E-02	-8.553509E-04	2.955098E-04	-2.212463E-04
520057	G	1.414750E-02	1.336156E-02	-1.560162E-02	-8.824528E-04	2.955098E-04	-2.400888E-04
520065	G	1.433472E-02	1.336159E-02	-1.627916E-02	-9.012956E-04	2.955098E-04	-2.531225E-04
520068	G	1.442962E-02	1.336161E-02	-1.661444E-02	-9.111629E-04	2.955098E-04	-2.599573E-04
520079	G	1.4 2083E-02	1.336191E-02	-1.761363E-02	-9.383985E-04	2.955098E-04	-2.788019E-04
520135	G	1.636269E-02	1.336438E-02	-2.325943E-02	-1.060771E-03	2.955098E-04	-3.630926E-04
520139	G	1.671207E-02	1.336428E-02	-2.369509E-02	-1.064178E-03	2.955098E-04	-3.653944E-04
520152	G	1.719327E-02	1.336492E-02	-2.509293E-02	-1.068496E-03	2.955098E-04	-3.682941E-04
520185	G	1.840790E-02	1.336492E-02	-2.861682E-02	-1.068496E-03	2.955098E-04	-3.682941E-04

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 8.954926E 03

REAL EIGENVECTOR NO. 12

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	9.385835E-03	1.299671E-01	1.383462E-01	0.0	0.0	0.0
3339	G	-7.084996E-03	1.299999E-01	2.382863E-02	0.0	0.0	0.0
3341	G	2.161405E-02	4.440524E-02	1.625292E-01	0.0	0.0	0.0
3349	G	-6.772473E-03	4.438722E-02	-3.928356E-04	0.0	0.0	0.0
4631	G	2.032077E-02	1.082273E-01	1.995501E-01	0.0	0.0	0.0
4633	G	1.265976E-02	1.492587E-01	1.724093E-01	0.0	0.0	0.0
4637	G	-1.656948E-02	1.492319E-01	-3.335850E-02	0.0	0.0	0.0
4639	G	-1.804331E-02	1.082322E-01	-6.050952E-02	0.0	0.0	0.0
4641	G	2.939314E-02	2.388482E-02	2.095833E-01	0.0	0.0	0.0
4649	G	-1.447529E-02	2.392185E-02	-7.050210E-02	0.0	0.0	0.0
4661	G	3.461136E-02	-6.682426E-02	1.796377E-01	0.0	0.0	0.0
4669	G	-5.153514E-03	-6.679663E-02	-4.052903E-02	0.0	0.0	0.0
6123	G	8.194961E-03	1.812326E-01	1.643910E-01	0.0	0.0	0.0
6127	G	-2.148813E-02	1.813139E-01	-5.365634E-02	0.0	0.0	0.0
6131	G	2.035352E-02	1.251889E-01	2.070914E-01	0.0	0.0	0.0
6133	G	1.432506E-02	1.252205E-01	1.662703E-01	0.0	0.0	0.0
6137	G	-1.792899E-02	1.253009E-01	-5.354305E-02	0.0	0.0	0.0
6139	G	-2.403920E-02	1.252936E-01	-9.620327E-02	0.0	0.0	0.0
6141	G	2.959993E-02	3.326347E-02	2.155223E-01	0.0	0.0	0.0
6143	G	2.377802E-02	3.325381E-02	1.639652E-01	0.0	0.0	0.0
6147	G	-1.365330E-02	3.400160E-02	-5.321761E-02	0.0	0.0	0.0
6149	G	-1.946645E-02	3.400647E-02	-1.046144E-01	0.0	0.0	0.0
6161	G	3.625673E-02	-3.324375E-02	2.216275E-01	0.0	0.0	0.0
6163	G	3.002774E-02	-3.326358E-02	1.637332E-01	0.0	0.0	0.0
6167	G	-1.002757E-02	-3.219134E-02	-5.298744E-02	0.0	0.0	0.0
6169	G	-1.623234E-02	-3.218101E-02	-1.108627E-01	0.0	0.0	0.0
6171	G	4.122201E-02	-1.328356E-01	1.720487E-01	0.0	0.0	0.0
6179	G	-3.729877E-03	-1.326267E-01	-4.745651E-02	0.0	0.0	0.0
7031	G	2.259725E-02	1.098089E-01	0.0	0.0	0.0	0.0
7033	G	1.443996E-02	1.097754E-01	1.515654E-01	0.0	0.0	0.0
7037	G	-1.797255E-02	1.097754E-01	-5.751836E-02	0.0	0.0	0.0
7039	G	-2.615770E-02	1.097890E-01	0.0	0.0	0.0	0.0
7043	G	2.405571E-02	0.0	1.519501E-01	0.0	0.0	0.0
7047	G	-1.360813E-02	0.0	-5.823240E-02	0.0	0.0	0.0
7061	G	3.640880E-02	-4.868689E-02	2.210782E-01	0.0	0.0	0.0
7063	G	3.079786E-02	-4.868693E-02	1.520857E-01	0.0	0.0	0.0
7067	G	-9.659886E-03	-4.879777E-02	-5.848595E-02	0.0	0.0	0.0
7069	G	-1.572920E-02	-4.875417E-02	-1.366751E-01	0.0	0.0	0.0
7071	G	7.440376E-02	0.0	2.138624E-01	0.0	0.0	0.0
7079	G	-3.483355E-02	0.0	-1.352717E-01	0.0	0.0	0.0
7505	G	-1.690422E-02	2.589555E-01	4.227049E-02	1.045422E-02	1.009195E-03	-1.620625E-03
8300	G	2.311545E-02	-1.560477E-01	3.473603E-02	0.0	0.0	0.0
8531	G	2.630208E-02	8.623916E-02	0.0	0.0	0.0	0.0
8533	G	1.443996E-02	8.632493E-02	1.369629E-01	0.0	0.0	0.0
8537	G	-1.797255E-02	8.632493E-02	-7.212136E-02	0.0	0.0	0.0
8539	G	-2.943137E-02	8.614600E-02	0.0	0.0	0.0	0.0
8543	G	2.433743E-02	0.0	1.362287E-01	0.0	0.0	0.0
8547	G	-1.328345E-02	0.0	-7.118410E-02	0.0	0.0	0.0
8561	G	3.559750E-02	-6.566489E-02	2.060120E-01	0.0	0.0	0.0
8563	G	3.244629E-02	-6.575966E-02	1.359856E-01	0.0	0.0	0.0
8567	G	-1.013000E-02	-6.331098E-02	-7.088107E-02	0.0	0.0	0.0
8569	G	-1.461566E-02	-6.331098E-02	-1.481562E-01	0.0	0.0	0.0
8571	G	7.407939E-02	0.0	1.994624E-01	0.0	0.0	0.0
8579	G	-3.699924E-02	0.0	-1.474093E-01	0.0	0.0	0.0
9303	G	3.466799E-02	2.892599E-01	1.182630E-01	0.0	0.0	0.0
9307	G	-3.063442E-02	2.893286E-01	-6.875700E-02	0.0	0.0	0.0

9313	G	3.427835E-02	2.425868E-01	1.184571E-01	0.0	0.0	0.0
9317	G	-2.083391E-02	2.429291E-01	-6.892770E-02	0.0	0.0	0.0
9321	G	2.851925E-02	7.202256E-02	1.898405E-01	0.0	0.0	0.0
9333	G	1.389623E-02	7.194287E-02	1.210099E-01	0.0	0.0	0.0
9337	G	-1.699055E-02	7.146627E-02	-7.177365E-02	0.0	0.0	0.0
9339	G	-3.112583E-02	7.149315E-02	-1.433778E-01	0.0	0.0	0.0
9341	G	0.0	-9.550434E-03	1.917032E-01	0.0	0.0	0.0
9343	G	2.439324E-02	-9.307835E-03	1.180013E-01	0.0	0.0	0.0
9347	G	-1.274610E-02	-8.776579E-03	-7.274067E-02	0.0	0.0	0.0
9349	G	0.0	-9.067956E-03	-1.478826E-01	0.0	0.0	0.0
9361	G	3.524967E-02	-7.262444E-02	1.882427E-01	0.0	0.0	0.0
9363	G	3.374948E-02	-7.267874E-02	1.152908E-01	0.0	0.0	0.0
9367	G	-1.158659E-02	-7.325202E-02	-7.298070E-02	0.0	0.0	0.0
9369	G	-1.501563E-02	-7.318699E-02	-1.476076E-01	0.0	0.0	0.0
9371	G	4.896957E-02	-1.283197E-01	1.826520E-01	0.0	0.0	0.0
9373	G	0.0	-1.287482E-01	1.198034E-01	0.0	0.0	0.0
9377	G	0.0	-1.296570E-01	-7.338345E-02	0.0	0.0	0.0
9379	G	-2.071340E-02	-1.295410E-01	-1.441566E-01	0.0	0.0	0.0
11300	G	4.480579E-02	9.656018E-02	9.750479E-02	0.0	0.0	0.0
11503	G	3.369355E-02	1.708155E-01	0.0	0.0	0.0	0.0
11507	G	-2.104908E-02	1.708155E-01	0.0	0.0	0.0	0.0
11531	G	3.039766E-02	3.038162E-02	0.0	0.0	0.0	0.0
11533	G	1.491882E-02	3.043118E-02	8.361334E-02	0.0	0.0	0.0
11537	G	-1.464692E-02	3.070121E-02	-7.328713E-02	0.0	0.0	0.0
11539	G	-2.935420E-02	3.071738E-02	0.0	0.0	0.0	0.0
11543	G	2.394032E-02	-3.624856E-02	8.364771E-02	0.0	0.0	0.0
11547	G	-1.215351E-02	-3.624856E-02	-7.327485E-02	0.0	0.0	0.0
11561	G	3.655932E-02	-8.880603E-02	1.381471E-01	0.0	0.0	0.0
11563	G	3.366778E-02	-8.887917E-02	8.363140E-02	0.0	0.0	0.0
11567	G	-1.292450E-02	-8.910745E-02	-7.322633E-02	0.0	0.0	0.0
11569	G	-1.724668E-02	-8.904803E-02	-1.256054E-01	0.0	0.0	0.0
11571	G	7.961345E-02	0.0	1.315271E-01	0.0	0.0	0.0
11579	G	-4.774271E-02	0.0	-1.228894E-01	0.0	0.0	0.0
11700	G	-9.147868E-03	1.010098E-01	-5.241684E-02	0.0	0.0	0.0
13500	G	1.185910E-02	-1.937042E-01	-6.174799E-03	0.0	0.0	0.0
13801	G	3.730996E-02	9.749496E-02	8.471698E-02	0.0	0.0	0.0
13803	G	2.762434E-02	1.039785E-01	4.983299E-02	0.0	0.0	0.0
13807	G	-1.579897E-02	1.038389E-01	-6.841207E-02	0.0	0.0	0.0
13809	G	-2.528810E-02	9.736377E-02	-1.032367E-01	0.0	0.0	0.0
13821	G	4.099077E-02	4.830910E-02	9.621757E-02	0.0	0.0	0.0
13823	G	2.290180E-02	4.844153E-02	4.997252E-02	0.0	0.0	0.0
13827	G	1.178785E-02	4.841383E-02	-6.856519E-02	0.0	0.0	0.0
13829	G	-2.848267E-02	4.836384E-02	-1.147081E-01	0.0	0.0	0.0
13831	G	3.259216E-02	-1.204512E-02	9.825212E-02	0.0	0.0	0.0
13833	G	1.951583E-02	-1.192896E-02	5.131019E-02	0.0	0.0	0.0
13837	G	-1.289784E-02	-1.188463E-02	-6.904709E-02	0.0	0.0	0.0
13839	G	-2.822927E-02	-1.196514E-02	-1.167765E-01	0.0	0.0	0.0
13841	G	0.0	-6.752110E-02	9.872723E-02	0.0	0.0	0.0
13843	G	2.420695E-02	-6.751144E-02	5.208508E-02	0.0	0.0	0.0
13847	G	-1.311744E-02	-6.757057E-02	-6.911999E-02	0.0	0.0	0.0
13848	G	-1.316194E-02	-6.134791E-02	-6.902176E-02	0.0	0.0	0.0
13849	G	0.0	-6.131412E-02	-9.946841E-02	0.0	0.0	0.0
13861	G	3.954777E-02	-1.145313E-01	9.889460E-02	0.0	0.0	0.0
13863	G	3.105921E-02	-1.145180E-01	5.235393E-02	0.0	0.0	0.0
13867	G	-1.377436E-02	-1.045128E-01	-6.934506E-02	0.0	0.0	0.0
13869	G	-2.092137E-02	-1.044945E-01	-1.142005E-01	0.0	0.0	0.0
13871	G	5.006628E-02	0.0	1.023609E-01	0.0	0.0	0.0
13879	G	-6.463051E-02	0.0	-1.022778E-01	0.0	0.0	0.0
14801	G	3.730996E-02	7.467490E-02	8.261448E-02	0.0	0.0	0.0
14803	G	2.432073E-02	8.031631E-02	4.879306E-02	0.0	0.0	0.0
14807	G	-1.236532E-02	8.016646E-02	-6.767726E-02	0.0	0.0	0.0
14809	G	-2.528810E-02	7.451663E-02	-1.016207E-01	0.0	0.0	0.0
14821	G	4.018396E-02	2.851721E-02	9.323186E-02	0.0	0.0	0.0
14823	G	2.269183E-02	2.855024E-02	4.879306E-02	0.0	0.0	0.0
14827	G	-1.115399E-02	2.826640E-02	-6.767726E-02	0.0	0.0	0.0
14829	G	-2.764435E-02	2.813030E-02	-1.123065E-01	0.0	0.0	0.0

14831	G	3.308477E-02	-2.967802E-02	9.374309E-02	0.0	0.0	0.0
14833	G	2.110550E-02	-2.983412E-02	4.868858E-02	0.0	0.0	0.0
14837	G	-1.237127E-02	-3.055759E-02	-6.791598E-02	0.0	0.0	0.0
14839	G	-2.811049E-02	-3.056029E-02	-1.127833E-01	0.0	0.0	0.0
14841	G	0.0	-8.227324E-02	9.246504E-02	0.0	0.0	0.0
14843	G	2.466769E-02	-8.266675E-02	4.816027E-02	0.0	0.0	0.0
14847	G	-1.387331E-02	-8.262151E-02	-6.797218E-02	0.0	0.0	0.0
14849	G	0.0	-8.232313E-02	-1.114427E-01	0.0	0.0	0.0
14861	G	4.077332E-02	-1.299896E-01	9.047061E-02	0.0	0.0	0.0
14863	G	2.989736E-02	-1.295729E-01	4.782257E-02	0.0	0.0	0.0
14867	G	-1.446210E-02	-1.285220E-01	-6.767529E-02	0.0	0.0	0.0
14869	G	-2.543417E-02	-1.292549E-01	-1.093826E-01	0.0	0.0	0.0
14881	G	4.613467E-02	-2.111893E-01	8.769101E-02	0.0	0.0	0.0
14883	G	2.507096E-02	-2.115509E-01	4.843039E-02	0.0	0.0	0.0
14887	G	-1.617432E-03	-2.112445E-01	-5.983417E-02	0.0	0.0	0.0
14889	G	-2.012207E-02	-2.107738E-01	-1.089958E-01	0.0	0.0	0.0
15212	G	3.180502E-02	5.191033E-02	6.970888E-02	5.771022E-03	-1.815945E-04	-2.811553E-03
15218	G	-1.986114E-02	5.187697E-02	-8.845711E-02	5.785961E-03	1.339262E-04	-2.267473E-03
15601	G	3.464004E-02	5.008662E-02	8.554976E-02	0.0	0.0	0.0
15603	G	2.432073E-02	6.203105E-02	5.022947E-02	0.0	0.0	0.0
15607	G	-1.236531E-02	6.221498E-02	-6.873661E-02	0.0	0.0	0.0
15609	G	-2.219410E-02	5.024730E-02	-1.044793E-01	0.0	0.0	0.0
15621	G	3.918574E-02	1.360097E-02	9.245181E-02	0.0	0.0	0.0
15623	G	2.655230E-02	1.026499E-02	5.986706E-02	0.0	0.0	0.0
15625	G	3.914506E-03	1.063998E-02	-9.220142E-03	0.0	0.0	0.0
15627	G	-1.495403E-02	1.031490E-02	-7.839914E-02	0.0	0.0	0.0
15629	G	-2.634716E-02	1.080059E-02	-1.113957E-01	0.0	0.0	0.0
15633	G	1.623920E-02	0.0	5.778969E-02	0.0	0.0	0.0
15637	G	-5.808320E-03	0.0	-7.797334E-02	0.0	0.0	0.0
16481	G	4.278953E-02	-2.258853E-01	8.004922E-02	0.0	0.0	0.0
16483	G	2.835840E-02	-2.261554E-01	0.0	0.0	0.0	0.0
16485	G	1.761866E-02	-2.268675E-01	0.0	0.0	0.0	0.0
16487	G	-5.044620E-03	-2.264206E-01	0.0	0.0	0.0	0.0
16489	G	-1.798018E-02	-2.262462E-01	-1.081519E-01	0.0	0.0	0.0
17100	G	9.449758E-03	-9.776956E-02	-1.411199E-02	0.0	0.0	0.0
18601	G	2.328482E-02	-7.343017E-03	5.030652E-02	0.0	0.0	0.0
18603	G	1.752034E-02	1.265765E-03	2.323991E-02	0.0	0.0	0.0
18607	G	-3.679010E-03	1.307628E-03	-5.422734E-02	0.0	0.0	0.0
18609	G	-9.021849E-03	-7.137649E-03	-7.927363E-02	0.0	0.0	0.0
18621	G	3.116767E-02	-3.362033E-02	5.861771E-02	0.0	0.0	0.0
18623	G	2.051783E-02	-3.413125E-02	2.613191E-02	0.0	0.0	0.0
18625	G	6.286543E-03	-3.777431E-02	-1.587588E-02	0.0	0.0	0.0
18627	G	-6.883111E-03	-3.781800E-02	-5.722208E-02	0.0	0.0	0.0
18629	G	-1.423237E-02	-3.812443E-02	-8.740687E-02	0.0	0.0	0.0
18631	G	3.868947E-02	-1.348335E-01	5.926613E-02	0.0	0.0	0.0
18633	G	0.0	-1.348357E-01	2.564853E-02	0.0	0.0	0.0
18635	G	0.0	-1.344573E-01	-1.630000E-02	0.0	0.0	0.0
18637	G	0.0	-1.345227E-01	-5.811346E-02	0.0	0.0	0.0
18639	G	-2.489775E-02	-1.349425E-01	-9.128684E-02	0.0	0.0	0.0
18641	G	4.064807E-02	-1.727068E-01	5.703033E-02	4.208617E-03	1.521386E-03	5.232225E-04
18642	G	4.136518E-02	-1.726046E-01	4.887651E-02	4.106380E-03	1.133135E-03	1.932293E-04
18643	G	4.165623E-02	-1.724609E-01	3.448254E-02	0.0	7.459533E-04	-3.942358E-05
18644	G	3.437984E-02	-1.715513E-01	7.591933E-03	0.0	0.0	-2.001626E-03
18645	G	1.984201E-02	-1.712198E-01	-1.675040E-02	0.0	0.0	-2.889462E-03
18646	G	2.432351E-03	-1.713249E-01	-4.120088E-02	0.0	0.0	-2.993626E-03
18647	G	-1.509098E-02	-1.719930E-01	-6.875539E-02	0.0	-2.111179E-03	-2.159630E-03
18648	G	-2.237535E-02	-1.720694E-01	-8.359748E-02	4.262786E-03	-2.596048E-03	-2.343734E-03
18649	G	-2.632906E-02	-1.721284E-01	-9.219140E-02	4.409652E-03	-3.082257E-03	-1.923824E-03
18651	G	4.405593E-02	-1.822704E-01	5.707086E-02	4.227098E-03	1.608353E-03	3.461475E-04
18652	G	4.427470E-02	-1.820514E-01	4.898133E-02	4.029322E-03	7.452094E-04	-6.769295E-05
18653	G	-2.813579E-02	-1.818234E-01	-8.366811E-02	4.121456E-03	-1.745935E-03	-2.549689E-03
18654	G	-1.302315E-02	-1.820170E-01	-9.204870E-02	4.500072E-03	-2.985837E-03	-2.291035E-03
18656	G	5.213598E-02	-2.012060E-01	5.680428E-02	4.166458E-03	1.692489E-03	-3.132208E-03
18657	G	4.627104E-02	-2.012414E-01	4.892564E-02	3.864516E-03	7.132646E-04	-2.790584E-03
18658	G	-1.480861E-02	-2.017497E-01	-8.362430E-02	3.968120E-03	-1.637354E-03	-5.672775E-03
18659	G	-4.636220E-02	-2.017457E-01	-9.173715E-02	4.275922E-03	-2.640351E-03	-5.927760E-03

18661	G	5.580341E-02	-2.112892E-01	5.667778E-02	4.228156E-03	4.433647E-04	-3.098344E-03
18662	G	4.956166E-02	-2.112095E-01	4.879201E-02	3.881741E-03	-7.072699E-04	-3.121373E-03
18663	G	4.893747E-02	-2.111456E-01	3.519663E-02	3.622901E-03	-1.854735E-03	-2.936507E-03
18664	G	2.547428E-02	-2.111067E-01	7.659726E-03	0.0	0.0	-1.410935E-03
18665	G	1.821056E-02	-2.111970E-01	-1.679344E-02	0.0	0.0	-1.340391E-03
18666	G	7.008087E-03	-2.113957E-01	-4.139361E-02	0.0	0.0	-2.771476E-03
18667	G	1.945533E-02	-2.117603E-01	-6.970644E-02	3.603592E-03	2.168514E-03	-5.553737E-03
18668	G	-3.947204E-02	-2.118937E-01	-8.349299E-02	3.963833E-03	7.310733E-04	-5.854174E-03
18669	G	-5.127293E-02	-2.120262E-01	-9.152091E-02	4.374447E-03	-7.103379E-04	-5.876102E-03
18681	G	4.104558E-02	-2.548423E-01	5.583815E-02	0.0	0.0	0.0
18683	G	1.690018E-02	-2.545117E-01	3.534779E-02	3.622901E-03	-1.749627E-03	-4.272892E-04
18685	G	1.166233E-02	-2.555907E-01	-1.692764E-02	0.0	0.0	0.0
18687	G	6.324761E-03	-2.548953E-01	-6.993259E-02	3.603592E-03	2.048772E-03	-4.272892E-04
18689	G	-1.841895E-02	-2.552643E-01	-9.061587E-02	0.0	0.0	0.0
18983	G	1.466724E-02	-2.461806E-01	3.545945E-02	0.0	1.419991E-03	4.639793E-03
18987	G	8.571666E-03	-2.465516E-01	-6.924087E-02	0.0	-2.088087E-03	4.645634E-03
19741	G	3.106214E-02	-7.235944E-02	2.068598E-02	2.317381E-03	2.779269E-03	-1.228836E-03
19742	G	1.969330E-02	-7.167125E-02	4.651669E-03	1.983354E-03	1.414601E-03	-1.389876E-03
19743	G	1.659640E-02	-7.181942E-02	3.292540E-04	0.0	9.754759E-04	-1.460287E-03
19745	G	4.399162E-03	-7.211381E-02	-1.608637E-02	0.0	0.0	-1.593685E-03
19747	G	-8.233558E-03	-7.193637E-02	-3.205682E-02	0.0	-1.719950E-03	-1.570259E-03
19748	G	-1.160229E-02	-7.179457E-02	-3.611488E-02	1.862983E-03	-2.120453E-03	-1.530669E-03
19749	G	-2.454576E-02	-7.234985E-02	-5.143739E-02	2.278143E-03	-3.276033E-03	-1.400181E-03
19751	G	4.965799E-02	-8.966035E-02	2.069711E-02	2.367478E-03	2.753971E-03	-2.639698E-03
19752	G	2.954775E-02	-8.899671E-02	4.702978E-03	1.999757E-03	1.284464E-03	-2.628723E-03
19758	G	-2.673919E-02	-8.911985E-02	-3.618032E-02	1.893106E-03	-1.991539E-03	-2.625099E-03
19759	G	-4.674081E-02	-8.992934E-02	-5.151415E-02	2.355025E-03	-3.352066E-03	-2.604373E-03
19761	G	5.643389E-02	-9.438699E-02	2.070050E-02	2.024213E-03	2.735400E-03	-3.103777E-03
19762	G	3.269091E-02	-9.415483E-02	4.730843E-03	2.099120E-03	1.263741E-03	-3.113536E-03
19763	G	2.588310E-02	-9.404612E-02	2.710170E-04	0.0	9.941303E-04	-3.160406E-03
19765	G	4.363547E-04	-9.385705E-02	-1.618082E-02	0.0	0.0	-3.235463E-03
19767	G	-2.489017E-02	-9.398609E-02	-3.196689E-02	0.0	-1.731952E-03	-3.130045E-03
19768	G	-3.162266E-02	-9.410232E-02	-3.621386E-02	2.012713E-03	-1.968575E-03	-3.074304E-03
19769	G	-5.505769E-02	-9.435070E-02	-5.150763E-02	1.920967E-03	-3.372284E-03	-3.062944E-03
21183	G	8.746166E-03	6.198672E-02	-3.542539E-02	0.0	-4.782740E-05	2.089649E-02
21187	G	1.431781E-02	6.205801E-02	1.780979E-02	0.0	1.426283E-03	2.093685E-02
21321	G	3.056905E-02	-1.103932E-02	-4.828513E-02	0.0	0.0	0.0
21323	G	2.096839E-02	-1.180556E-02	-3.207431E-02	0.0	0.0	0.0
21325	G	5.884476E-03	-1.203776E-02	-9.988513E-03	0.0	0.0	0.0
21327	G	-9.875230E-03	-1.152781E-02	1.286149E-02	0.0	0.0	0.0
21329	G	-2.321360E-02	-1.071062E-02	3.217324E-02	0.0	0.0	0.0
21341	G	3.522428E-02	1.010730E-01	-5.269043E-02	-2.463777E-03	1.705941E-03	-1.653168E-03
21343	G	2.395542E-02	1.005338E-01	-3.623084E-02	0.0	1.634334E-03	-2.325991E-03
21345	G	-1.939822E-02	9.953493E-02	-1.049048E-02	0.0	3.452254E-04	-3.893130E-03
21347	G	-4.532399E-02	1.006507E-01	1.452226E-02	0.0	-9.438829E-04	5.786552E-04
21349	G	-3.944447E-02	1.011910E-01	3.041635E-02	-2.333916E-03	-1.015489E-03	1.577569E-03
21361	G	5.544898E-02	1.282632E-01	-5.141431E-02	0.0	0.0	0.0
21363	G	3.689484E-02	1.280227E-01	-3.489747E-02	1.971249E-03	-2.339391E-03	0.0
21364	G	1.181859E-02	1.278949E-01	-2.717780E-02	0.0	0.0	0.0
21366	G	-2.189396E-02	1.272303E-01	5.702902E-03	0.0	0.0	0.0
21367	G	-4.522749E-02	1.271353E-01	1.333505E-02	1.890423E-03	4.893918E-03	0.0
21369	G	-6.063996E-02	1.270980E-01	2.904100E-02	0.0	0.0	0.0
21383	G	8.826688E-03	1.089811E-01	-3.322321E-02	6.020437E-04	-2.070057E-03	2.130663E-02
21387	G	1.419158E-02	1.091477E-01	1.148577E-02	5.121359E-04	4.393313E-03	2.135217E-02
21485	G	0.0	1.312175E-01	-1.208976E-02	-2.841007E-03	0.0	0.0
21801	G	2.513964E-02	-4.359193E-02	-3.871037E-02	0.0	0.0	0.0
21803	G	1.568133E-02	-4.769099E-02	-2.915407E-02	0.0	0.0	0.0
21807	G	5.695629E-04	-4.766070E-02	1.554801E-02	0.0	0.0	0.0
21809	G	-1.109736E-02	-4.344713E-02	2.575219E-02	0.0	0.0	0.0
21821	G	3.222151E-02	-2.545583E-02	-4.948987E-02	0.0	0.0	0.0
21823	G	2.111210E-02	-2.538300E-02	-2.920020E-02	0.0	0.0	0.0
21825	G	5.800445E-03	-2.482044E-02	-6.757684E-03	0.0	0.0	0.0
21827	G	-1.043037E-02	-2.544264E-02	1.624351E-02	0.0	0.0	0.0
21829	G	-2.370708E-02	-2.573146E-02	3.514993E-02	0.0	0.0	0.0
22312	G	2.675474E-02	-5.023528E-02	-4.064865E-02	0.0	0.0	0.0
22318	G	-1.366356E-02	-5.027061E-02	3.004706E-02	0.0	0.0	0.0

22701	G	2.612189E-02	-6.723567E-02	-4.297544E-02	0.0	0.0	0.0
22703	G	1.495658E-02	-7.443352E-02	-2.423792E-02	0.0	0.0	0.0
22707	G	1.569393E-03	-7.448970E-02	1.591867E-02	0.0	0.0	0.0
22709	G	-1.140306E-02	-6.814847E-02	3.501363E-02	0.0	0.0	0.0
22721	G	3.385552E-02	-4.507017E-02	-5.111243E-02	0.0	0.0	0.0
22723	G	2.138696E-02	-4.667347E-02	-3.149324E-02	0.0	0.0	0.0
22725	G	5.833205E-03	-4.537971E-02	-4.383633E-03	0.0	0.0	0.0
22727	G	-1.079179E-02	-4.511880E-02	2.367324E-02	0.0	0.0	0.0
22729	G	-2.416892E-02	-4.551477E-02	4.312385E-02	0.0	0.0	0.0
23100	G	-8.767820E-04	1.111764E-02	-2.578693E-03	0.0	0.0	0.0
25001	G	3.492002E-02	-1.359990E-01	-6.211833E-02	0.0	0.0	0.0
25003	G	2.721946E-02	-1.401996E-01	-4.382455E-02	0.0	0.0	0.0
25007	G	1.250583E-03	-1.494261E-01	2.713413E-02	0.0	0.0	0.0
25009	G	-1.496384E-02	-1.541355E-01	7.119638E-02	0.0	0.0	0.0
25021	G	4.204225E-02	-1.306035E-01	-8.221342E-02	0.0	0.0	0.0
25025	G	5.944919E-03	-1.307416E-01	-8.386766E-03	0.0	0.0	0.0
25029	G	-2.923513E-02	-1.318317E-01	4.585115E-02	0.0	0.0	0.0
25041	G	4.900371E-02	1.342256E-02	-8.891749E-02	0.0	0.0	0.0
25045	G	0.0	3.839874E-03	-2.715460E-02	0.0	0.0	0.0
25049	G	-5.014720E-02	-1.746561E-03	1.051436E-01	0.0	0.0	0.0
25061	G	4.581861E-02	7.720631E-02	-8.467747E-02	0.0	0.0	0.0
25065	G	-1.188009E-02	7.928020E-02	-5.361612E-02	0.0	0.0	0.0
25069	G	-5.894100E-02	7.884312E-02	1.[illegible]58E-01	0.0	0.0	0.0
26801	G	3.230623E-02	-2.038864E-01	-3.1[illegible]36E-02	0.0	0.0	0.0
26809	G	-4.053630E-03	-2.036641E-01	5.2[illegible]-02	0.0	0.0	0.0
26821	G	5.127380E-02	-1.567974E-01	-7.5[illegible]-02	0.0	0.0	0.0
26825	G	5.769208E-03	-1.567742E-01	1.[illegible]-02	0.0	0.0	0.0
26829	G	-3.762013E-02	-1.565186E-01	1.[illegible]-01	0.0	0.0	0.0
26841	G	4.832434E-02	-5.983306E-02	-7.[illegible]-02	0.0	0.0	0.0
26845	G	0.0	-5.994730E-02	1.[illegible]-02	0.0	0.0	0.0
26849	G	-4.933594E-02	-5.946242E-02	1.[illegible]-01	0.0	0.0	0.0
26861	G	4.539135E-02	1.539180E-02	-7.[illegible]-02	0.0	0.0	0.0
26865	G	-9.808339E-03	1.563965E-02	2.[illegible]-02	0.0	0.0	0.0
26869	G	-6.379688E-02	1.574592E-02	1.[illegible]-01	0.0	0.0	0.0
29905	G	6.997194E-03	-3.[illegible]-01	4.[illegible]-02	0.0	0.0	0.0
29921	G	5.593681E-02	-3.[illegible]-01	-4.[illegible]-02	0.0	0.0	0.0
29925	G	[illegible]	-3.[illegible]-01	[illegible]	0.0	0.0	0.0
29929	G	-4.650212E-02	-3.[illegible]-01	1.[illegible]-01	0.0	0.0	0.0
29941	G	5.213226E-02	-2.[illegible]-01	-6.[illegible]-02	0.0	0.0	0.0
29945	G	0.0	-2.047186E-01	3.[illegible]-02	0.0	0.0	0.0
29949	G	-5.633409E-02	-2.[illegible]-01	1.[illegible]-01	0.0	0.0	0.0
29961	G	4.261499E-03	-1.[illegible]-01	-4.[illegible]-02	0.0	0.0	0.0
29965	G	-9.797748E-03	-1.[illegible]-01	3.[illegible]-02	0.0	0.0	0.0
29969	G	-6.506574E-02	-1.[illegible]-01	1.[illegible]-01	0.0	0.0	0.0
30045	G	-3.868198E-03	-2.[illegible]-01	3.[illegible]-02	-6.969970E-04	-5.569411E-04	-4.380826E-03
31745	G	-4.560627E-03	-2.819724E-01	5.[illegible]-02	-7.341702E-03	-6.378340E-04	-5.110107E-03
33845	G	-5.408492E-03	-3.858944E-01	6.[illegible]-02	-7.972309E-03	-6.409721E-04	-5.730879E-03
35945	G	-6.288242E-03	-5.301938E-01	7.[illegible]-02	-8.603085E-03	-6.476955E-04	-6.193109E-03
38045	G	-7.165522E-03	-6.199583E-01	9.[illegible]-02	-9.914179E-03	-6.167074E-04	-6.357029E-03
40141	G	7.038455E-01	-7.375966E-01	-2.[illegible]-01	-1.285437E-02	5.324984E-04	-7.685312E-03
40142	G	1.292658E-01	-7.375966E-01	-1.[illegible]-01	-1.244547E-02	-5.324984E-04	-6.984189E-03
40143	G	5.362270E-02	-7.375966E-01	-1.[illegible]-02	-1.175426E-02	-5.324984E-04	-6.480347E-03
40145	G	-7.961437E-03	-7.376152E-01	1.[illegible]-01	-1.136190E-02	-5.324748E-04	-6.166253E-03
40147	G	-6.957698E-02	-7.375966E-01	2.[illegible]-01	-1.229585E-02	-5.323084E-04	-6.515661E-03
40148	G	-1.459251E-01	-7.375966E-01	3.[illegible]-01	-1.352868E-02	-5.323084E-04	-7.065725E-03
40149	G	-2.215414E-01	-7.375966E-01	5.[illegible]-01	-1.430732E-02	-5.323084E-04	-7.394351E-03
42245	G	-8.607797E-03	-8.453960E-01	1.[illegible]-01	-1.312724E-02	-3.965522E-04	-5.642988E-03
44345	G	-9.045631E-03	-9.356953E-01	1.[illegible]-01	-1.958948E-02	-2.071403E-04	-4.768621E-03
45245	G	-9.157214E-03	-9.676372E-01	1.[illegible]-01	-1.704029E-02	-1.141189E-04	-4.231681E-03
46445	G	-9.226613E-03	-1.003000E 00	1.202525E-01	-1.910771E-02	-1.186454E-06	-3.477965E-03
47045	G	-8.983221E-03	-6.824301E-01	1.198502E-01	-2.460248E-02	6.055725E-05	2.349848E-04
48845	G	-8.466367E-03	-4.539947E-01	1.192287E-01	-2.749162E-02	9.137231E-05	1.744162E-03
49745	G	-7.529568E-03	-1.[illegible]631E-01	1.181326E-01	-3.030198E-02	1.402397E-04	2.879246E-03
50645	G	-6.235678E-03	1.130173E-01	1.166585E-01	-3.290986E-02	1.761296E-04	3.426727E-03
51545	G	-4.677385E-03	4.368124E-01	1.148814E-01	-3.540458E-02	2.034305E-04	3.493778E-03
52245	G	-2.892791E-03	7.726598E-01	1.136730E-01	-3.648041E-02	2.127785E-04	3.552113E-03

61912	G	5.[illegible]E-02	-2.[illegible]E-01	6.[illegible]E-02	[illegible]E-03	1.375648E-03	-3.040954E-03
61913	G	5.[illegible]E-02	-2.[illegible]E-01	6.256354E-02	4.298460E-03	1.375648E-03	7.355894E-03
61914	G	5.[illegible]E-02	-2.[illegible]E-01	6.256354E-02	4.298460E-03	1.375648E-03	-3.310395E-03
61916	G	4.[illegible]E-02	-1.[illegible]E-01	6.295860E-02	4.486915E-03	1.513915E-03	5.502894E-04
61917	G	4.[illegible]E-02	-1.785018E-01	6.295860E-02	4.486915E-03	1.613915E-03	1.211616E-02
61918	G	3.[illegible]E-02	-1.[illegible]E-01	6.295860E-02	4.486915E-03	1.613915E-03	6.134803E-04
61924	G	5.[illegible]E-02	-9.[illegible]E-02	2.[illegible]E-02	2.719538E-03	3.[illegible]E-03	9.114087E-03
61923	G	5.351588E-02	-9.029584E-02	2.437623E-02	2.719538E-03	3.261050E-03	-2.645766E-03
61924	G	5.087443E-02	-8.808247E-02	2.437623E-02	2.719538E-03	3.261050E-03	9.078503E-03
61926	G	5.[illegible]E-02	-7.[illegible]E-02	2.[illegible]E-02	3.[illegible]E-03	3.348953E-03	1.184423E-02
61927	G	3.280241E-02	-7.168830E-02	2.454520E-02	3.009652E-03	3.348953E-03	-1.173540E-03
61928	G	2.938048E-02	-6.861812E-02	2.454520E-02	3.009651E-03	3.348953E-03	1.241250E-02
61934	G	3.876566E-02	1.305244E-01	-5.203939E-02	2.978231E-03	1.713849E-03	-.203739E-03
61935	G	3.766d80E-02	1.024305E-01	-5.203939E-02	2.978231E-03	1.713849E-03	1.469158E-03
61936	G	3.646913E-02	1.045153E-01	-5.203939E-02	2.978231E-03	1.713849E-03	1.532441E-02
62211	G	4.351519E-02	-2.097479E-01	7.559907E-02	0.0	0.0	0.0
62213	G	3.556867E-02	-2.012914E-01	7.571638E-02	4.587956E-03	6.525491E-04	7.810190E-03
62217	G	5.876653E-03	-1.711394E-01	7.650059E-02	4.746165E-03	1.035025E-03	1.151727E-02
62219	G	-6.948311E-04	-1.666280E-01	7.660246E-02	0.0	0.0	0.0
62221	G	3.520120E-02	-9.287924E-02	3.054589E-02	4.555754E-03	7.407002E-03	9.508170E-03
62224	G	2.352083E-02	-8.374107E-02	3.070396E-02	3.036521E-03	2.925013E-03	9.095173E-03
62226	G	-1.682416E-04	-6.699961E-02	3.100409E-02	2.732842E-03	1.607420E-03	1.162754E-02
62229	G	-9.300448E-03	-6.015314E-02	3.109927E-02	4.339337E-03	8.290246E-03	1.175127E-02
62231	G	2.035363E-03	1.008169E-01	-4.405550E-02	4.277998E-04	-1.550306E-03	1.121373E-02
62239	G	-8.612640E-03	1.053539E-01	-4.392437E-02	2.515575E-03	3.092565F-03	1.443292E-02
62811	G	-1.169058E-02	-1.971461E-01	9.679353E-02	0.0	0.0	0.0
62819	G	-5.773104E-02	-1.560033E-01	9.594661E-02	0.0	0.0	0.0
62821	G	-2.202560E-02	-8.293623E-02	4.637865E-02	0.0	0.0	0.0
62829	G	-6.795812E-02	-5.118097E-02	4.625548E-02	0.0	0.0	0.0
62831	G	-5.774686E-02	1.002964E-01	-3.212496E-02	0.0	0.0	0.0
62839	G	-6.888032E-02	1.057441E-01	-3.212995E-02	0.0	0.0	0.0
63411	G	-7.097656E-02	-1.844710E-01	1.168429E-01	0.0	0.0	0.0
63419	G	-1.172231E-01	-1.468336E-01	1.166604E-01	0.0	0.0	0.0
63421	G	-8.212858E-02	-7.235271E-02	6.227873E-02	0.0	0.0	0.0
63429	G	-1.286336E-01	-4.195019E-02	6.222931E-02	0.0	0.0	0.0
63431	G	-1.181389E-01	9.994918E-02	-1.742733E-02	0.0	0.0	0.0
63439	G	-1.299793E-01	1.057165E-01	-1.744077E-02	0.0	0.0	0.0
64211	G	-1.554837E-01	-1.665983E-01	1.455745E-01	0.0	0.0	0.0
64219	G	-2.023333E-01	-1.327357E-01	1.454154E-01	0.0	0.0	0.0
64221	G	-1.684392E-01	-5.696797E-02	8.494276E-02	0.0	0.0	0.0
64229	G	-2.158709E-01	-2.912808E-02	8.493960E-02	3.736947E-03	0.[illegible]27E-03	1.087155E-02
64231	G	-2.046881E-01	9.949940E-02	2.977743E-03	0.0	0.0	0.0
64239	G	-2.176786E-01	1.051263E-01	2.969349E-03	0.0	0.0	0.0
65011	G	-2.383361E-01	-1.489682E-01	1.741848E-01	0.0	0.0	0.0
65019	G	-2.854422E-01	-1.183320E-01	1.739668E-01	0.0	0.0	0.0
65021	G	-2.536559E-01	-4.136680E-02	1.059235E-01	0.0	0.0	0.0
65029	G	-3.015869E-01	-1.684643E-02	1.059523E-01	0.0	0.0	0.0
65031	G	-2.896693E-01	9.874856E-02	2.201337E-02	0.0	0.0	0.0
65039	G	-3.040186E-01	1.041059E-01	2.200856E-02	0.0	0.0	0.0
65911	G	-3.214961E-01	-1.303123E-01	2.038929E-01	0.0	0.0	0.0
65919	G	-3.683138E-01	-1.040001E-01	2.045639E-01	0.0	0.0	0.0
65921	G	-3.405921E-01	-2.541383E-02	1.245406E-01	0.0	0.0	0.0
65929	G	-3.883743E-01	-4.315499E-03	1.239416E-01	3.836098E-03	9.224776E-03	1.140591E-02
65931	G	-3.753240E-01	9.[illegible]5239E-02	4.081780E-02	0.0	0.0	0.0
65939	G	-3.907982E-01	1.024410E-01	4.079176E-02	0.0	0.0	0.0
71912	G	-5.908702E-02	-2.126310E-01	-9.764302E-02	4.[illegible]E-03	-1.878218E-03	-5.808089E-03
71913	G	-5.666975E-02	-2.069334E-01	-9.764302E-02	4.4[illegible]E-03	-1.878218E-03	7.544730E-03
71914	G	-5.442904E-02	-2.016518E-01	-9.764302E-02	4.427[illegible]E-03	-1.878218E-03	-6.066199E-03
71916	G	-3.596880E-02	-1.827016E-01	-9.833962E-02	4.704274E-03	-3.238900E-03	-2.151863E-03
71917	G	-3.272666E-02	-1.779926E-01	-9.833962E-02	4.704274E-03	-3.238900E-03	1.087444E-02
71918	G	-2.887561E-02	-1.723992E-01	-9.833962E-02	4.704274E-03	-3.238900E-03	-1.888708E-03
71922	G	-5.389266E-02	-9.315151E-02	-5.522518E-02	2.783983E-03	-3.813496E-03	9.044745E-03
71923	G	-5.053679E-02	-9.070158E-02	-5.522518E-02	2.783983E-03	-3.813496E-03	-2.597811E-03
71924	G	-4.744785E-02	-8.846656E-02	-5.522518E-02	2.783983E-03	-3.813496E-03	9.009346E-03
71926	G	-2.913601E-02	-7.368374E-02	-5.534007E-02	3.109770E-03	-3.805659E-03	1.174349E-02
71927	G	-2.654816E-02	-7.156909E-02	-5.534007E-02	3.109771E-03	-3.805659E-03	-1.357181E-03

71928	G	-2.266634E-02	-6.839710E-02	-5.534007E-02	3.109770E-03	-3.505654E-03	1.231120E-02
71934	G	-3.796178E-02	1.304832E-01	2.914995E-02	3.308221E-03	-1.023539E-03	1.261651E-02
71935	G	-3.664111E-02	1.326005E-01	2.914995E-02	3.308221E-03	-1.023539E-03	1.293379E-03
71936	G	-3.592403E-02	1.349163E-01	2.914995E-02	3.308221E-03	-1.023539E-03	1.716781E-02
72211	G	-4.274464E-02	-2.111039E-01	-1.109497E-01	0.0	0.0	0.0
72213	G	-3.358249E-02	-2.022562E-01	-1.111186E-01	4.869025E-03	-1.233706E-03	7.921062E-03
72217	G	-1.675439E-02	-1.712320E-01	-1.120734E-01	5.336352E-03	-2.424155E-03	1.067668E-02
72219	G	6.844833E-03	-1.663401E-01	-1.121749E-01	0.0	0.0	0.0
72221	G	-3.308346E-02	-9.591034E-02	-6.136744E-02	4.879553E-03	-7.794105E-03	9.478658E-03
72224	G	-2.026929E-02	-9.429139E-02	-6.155395E-02	3.202334E-03	-3.338736E-03	9.033199E-03
72226	G	5.811971E-03	-6.692809E-02	-5.175864E-02	2.927597E-03	-2.173546E-03	1.154209E-02
72229	G	1.597965E-02	-5.993695E-02	-4.209306E-02	4.540104E-03	-8.933806E-03	1.167452E-02
72231	G	2.743756E-03	1.007879E-01	2.031877E-02	4.949749E-04	3.524443E-03	1.148881E-02
72239	G	1.433803E-02	1.057613E-01	2.016691E-02	2.862515E-03	-2.542458E-03	1.592701E-02
72811	G	1.293871E-02	-1.484483E-01	-1.328642E-01	0.0	0.0	0.0
72819	G	6.277889E-02	-1.560057E-01	-1.320239E-01	0.0	0.0	0.0
72821	G	2.346139E-02	-1.611445E-01	-1.794563E-02	0.0	0.0	0.0
72829	G	7.344254E-02	-5.387562E-02	-7.730276E-02	0.0	0.0	0.0
72831	G	6.277575E-02	1.002246E-01	7.612780E-03	0.0	0.0	0.0
72839	G	7.440230E-02	1.060301E-01	7.611353E-03	0.0	0.0	0.0
73411	G	7.190400E-02	-1.860593E-01	-1.534755E-01	0.0	0.0	0.0
73419	G	1.219581E-01	-1.467969E-01	-1.532344E-01	0.0	0.0	0.0
73421	G	8.395851E-02	-7.365946E-02	-9.446561E-02	0.0	0.0	0.0
73429	G	1.343033E-01	-4.165718E-02	-9.442091E-02	0.0	0.0	0.0
73431	G	1.229039E-01	9.977704E-02	-8.157536E-03	0.0	0.0	0.0
73439	G	1.357279E-01	1.059538E-01	-8.146077E-03	0.0	0.0	0.0
74211	G	1.562010E-01	-1.684636E-01	-1.834225E-01	0.0	0.0	0.0
74219	G	2.065259E-01	-1.327652E-01	-1.832666E-01	0.0	0.0	0.0
74221	G	1.701026E-01	-9.945495E-02	-1.183263E-01	0.0	0.0	0.0
74229	G	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74231	G	2.094334E-01	9.716568E-02	-3.022506E-02	0.0	0.0	0.0
74239	G	2.279995E-01	1.052387E-01	-3.021379E-02	0.0	0.0	0.0
75011	G	2.387349E-01	-1.511075E-01	-2.136693E-01	0.0	0.0	0.0
75019	G	2.890471E-01	-1.195510E-01	-2.134382E-01	0.0	0.0	0.0
75021	G	2.550873E-01	-4.331742E-02	-1.437934E-01	0.0	0.0	0.0
75029	G	3.062862E-01	-1.075974E-02	-1.438173E-01	0.0	0.0	0.0
75031	G	2.935506E-01	9.822667E-02	-5.110875E-02	0.0	0.0	0.0
75039	G	3.088890E-01	1.040665E-01	-5.110539E-02	0.0	0.0	0.0
75911	G	3.214948E-01	-1.326065E-01	-2.453483E-01	0.0	0.0	0.0
75919	G	3.712709E-01	-1.045825E-01	-2.460841E-01	0.0	0.0	0.0
75921	G	3.417508E-01	-2.714953E-02	-1.610826E-01	0.0	0.0	0.0
75929	G	3.925532E-01	-9.472932E-03	-1.604845E-01	4.123047E-03	-9.794306E-03	1.145453E-02
75931	G	3.786975E-01	9.662640E-02	-7.195367E-02	0.0	0.0	0.0
75939	G	3.951797E-01	1.022038E-01	-7.143232E-02	0.0	0.0	0.0
122400	G	-5.004503E-02	7.764933E-01	-2.707666E-01	-8.644845E-03	-1.069798E-02	-8.037578E-03
123467	G	-4.944458E-02	1.241029E-01	4.215753E-02	0.0	0.0	0.0
123467	G	-8.065519E-02	6.596311E-01	-8.207881E-02	0.0	0.0	0.0
124800	G	-5.004503E-02	5.344902E-01	-1.508495E-02	-8.644845E-03	-1.069798E-02	-8.037578E-03
125063	G	3.444983E-02	7.720631E-02	-8.255583E-02	0.0	0.0	0.0
125065	G	-1.750707E-02	7.928020E-02	-3.403562E-02	0.0	0.0	0.0
125067	G	-4.966826E-02	7.884312E-02	1.104180E-01	0.0	0.0	0.0
125383	G	1.037459E-01	4.935094E-01	-5.952010E-02	0.0	0.0	0.0
125387	G	-8.483166E-02	4.735094E-01	1.433052E-01	0.0	0.0	0.0
126863	G	2.747292E-02	1.339130E-02	-4.595766E-02	0.0	0.0	0.0
126867	G	-4.627160E-02	1.574592E-02	8.623894E-02	0.0	0.0	0.0
127200	G	-5.004503E-02	3.450644E-01	2.532249E-01	-8.644845E-03	-1.069798E-02	-8.037578E-03
189073	G	-6.381255E-02	-1.710339E-01	-6.432536E-03	7.996447E-04	-7.607346E-06	6.207932E-03
189077	G	9.983374E-02	-1.710339E-01	-2.627375E-02	7.996447E-04	-7.607346E-06	6.207932E-03
200075	G	1.306818E-02	-1.525236E-01	-1.630162E-02	7.996447E-04	-7.607346E-06	6.207932E-03
200078	G	1.301059E-02	-1.535821E-01	-1.630162E-02	7.996447E-04	-7.607346E-06	6.207932E-03
200079	G	1.293976E-02	-1.537649E-01	-1.630943E-02	7.986317E-04	-7.345998E-06	6.207932E-03
200086	G	1.319604E-02	-1.186391E-01	-1.632835E-02	1.107044E-03	1.896871E-05	6.207932E-03
200087	G	1.295549E-02	-1.154471E-01	-1.632835E-02	7.986999E-04	-5.949162E-06	6.207932E-03
200095	G	1.317619E-02	-1.257887E-01	-1.635133E-02	4.660436E-04	-2.962859E-05	6.207932E-03
200096	G	1.293950E-02	-1.223596E-01	-1.635139E-02	7.796697E-04	-5.037948E-06	6.207932E-03
200101	G	1.284126E-02	-1.206768E-01	-1.636631E-02	-1.469544E-04	-7.493362E-05	6.207932E-03

200126	G	1.23590BE-02	-1.242414E-01	-1.639434E-02	-3.0728258-04	-1.221446E-04	6.207932E-03
200134	G	1.104956E-02	-1.138475E-01	-1.543644E-02	-1.776628E-03	-1.745048E-04	6.207932E-03
200121	G	9.504616E-03	-9.865433E-02	-1.447323E-02	-2.553134E-03	-2.557468E-04	6.207932E-03
200129	G	7.212836E-03	-7.211342E-02	-1.351539E-02	-3.296950E-03	-3.144345E-04	6.207932E-03
200137	G	4.517876E-03	-4.646523E-02	-1.351538E-02	-3.829979E-03	-3.565422E-04	6.207932E-03
200145	G	1.953156E-03	-1.443429E-02	-1.351533E-02	-4.149076E-03	-3.917764E-04	6.207932E-03
200153	G	-1.451213E-03	1.832093E-02	-1.351533E-02	-4.251201E-03	-3.998523E-04	6.207932E-03
200155	G	-2.312784E-03	2.771605E-02	-1.351533E-02	-4.251201E-03	-3.998523E-04	6.207932E-03
211001	G	-2.590987E-02	7.614129E-01	-7.921548E-01	1.872639E-02	-7.379994E-03	-7.262520E-03
211002	G	-2.775533E-02	1.081659E 00	1.1316826 30	2.882935E-02	1.068080E-02	-9.719338E-03
211073	G	-6.381255E-02	-3.582511E-02	-6.316952E-03	7.996447E-04	-7.607346E-06	6.207932E-03
211077	G	8.983374E-02	-3.582511E-02	-2.610806E-02	7.996447E-04	-7.607346E-06	6.207932E-03
214075	G	1.301059E-02	-1.856707E-02	-1.619131E-02	7.996447E-04	-7.607346E-06	6.207932E-03
214901	G	-2.590987E-02	6.754517E-01	-5.011616E-01	1.872639E-02	-7.379994E-03	-7.262520E-03
214902	G	-2.775533E-02	6.984264E-01	7.105386E-01	2.882935E-02	1.068080E-02	-9.719338E-03
215101	G	-6.122792E-02	1.371287E-01	-2.794870E-01	1.620458E-02	-2.905964E-03	-3.922690E-03
215102	G	6.317145E-02	1.369746E-01	3.681538E-01	2.490481E-02	7.314637E-03	-4.842777E-03
215201	G	-1.986114E-02	5.[illegible]697E-02	-8.845711E-02	7.290911E-03	5.571573E-05	-2.188668E-03
215202	G	3.190502E-02	5.191003E-02	6.970888E-02	1.156978E-02	4.475981E-03	-2.527754E-03
222001	G	-2.597822E-02	-4.401313E-02	5.054337E-02	2.481606E-03	-5.857218E-03	-6.085992E-03
222002	G	-2.750397E-02	-6.135445E-03	-[illegible].444886E-02	5.334184E-03	8.766912E-03	-7.846747E-03
222201	G	-4.679316E-02	-5.932214E-02	5.213474E-02	-1.540458E-03	-1.775752E-03	-2.980436E-03
222202	G	4.406098E-02	-5.680086E-02	-6.309730E-02	-7.321269E-04	5.306128E-03	-3.277967E-03
222301	G	-1.366356E-02	-5.027061E-02	3.004706E-02	-2.579662E-03	3.517524E-04	-1.741014E-03
222302	G	2.675474E-02	-5.023528E-02	-4.064865E-02	-2.307617E-03	3.236811E-03	-1.775658E-03
223401	G	-2.597822E-02	-1.325643E-01	1.357659E-01	2.481606E-03	-5.857218E-03	-6.085992E-03
223402	G	-2.750397E-02	-1.203057E-01	-1.520075E-01	5.334184E-03	8.766912E-03	-7.846747E-03
520018	G	-9.283464E-03	7.728603E-01	4.803921E-02	-3.645230E-02	2.127785E-04	3.548438E-03
520024	G	-1.148352E-02	7.728603E-01	2.543886E-02	-3.645192E-02	2.127785E-04	3.548556E-03
520057	G	-2.315157E-02	7.728687E-01	-9.424502E-02	-3.697386E-02	2.127785E-04	3.616919E-03
520065	G	-2.591790E-02	7.728706E-01	-1.224793E-01	-3.734135E-02	2.127785E-04	3.664736E-03
520068	G	-2.727842E-02	7.728715E-01	-1.363305E-01	-3.753318E-02	2.127785E-04	3.689809E-03
520079	G	-3.130175E-02	7.728904E-01	-1.771604E-01	-3.806390E-02	2.127785E-04	3.758473E-03
520135	G	-5.330720E-02	7.730242E-01	-3.973959E-01	-4.047158E-02	2.127785E-04	4.071396E-03
520139	G	-5.497842E-02	7.730367E-01	-4.140955E-01	-4.054133E-02	2.127785E-04	4.080296E-03
520152	G	-6.033353E-02	7.730763E-01	-4.671928E-01	-4.063088E-02	2.127785E-04	4.091658E-03
520185	G	-7.382774E-02	7.730763E-01	-6.011931E-01	-4.063088E-02	2.127785E-04	4.091658E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.056438E 04

REAL EIGENVECTOR NO. 13

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	3.885845E-02	6.796104E-01	-2.231488E-01	0.0	0.0	0.0
3339	G	-2.465330E-02	6.796942E-01	-2.277015E-03	0.0	0.0	0.0
3341	G	7.440273E-03	9.047468E-01	-2.864900E-01	0.0	0.0	0.0
3349	G	-1.115889E-02	9.042175E-01	6.096172E-02	0.0	0.0	0.0
4631	G	8.116430E-02	5.947868E-01	-3.476391E-01	0.0	0.0	0.0
4633	G	7.317895E-02	5.145761E-01	-2.950212E-01	0.0	0.0	0.0
4637	G	-5.018337E-02	5.142558E-01	1.023751E-01	0.0	0.0	0.0
4639	G	-6.693083E-02	5.946712E-01	1.550375E-01	0.0	0.0	0.0
4641	G	6.738484E-02	7.595719E-01	-3.671311E-01	0.0	0.0	0.0
4649	G	-7.100618E-02	7.597119E-01	1.744840E-01	0.0	0.0	0.0
4661	G	2.081895E-02	9.344003E-01	-3.091765E-01	0.0	0.0	0.0
4669	G	-4.459776E-02	9.351966E-01	1.165092E-01	0.0	0.0	0.0
6123	G	9.547597E-02	3.047745E-01	-2.632396E-01	0.0	0.0	0.0
6127	G	-5.490326E-02	3.049963E-01	1.133799E-01	0.0	0.0	0.0
6131	G	1.356846E-01	4.033311E-01	-3.417167E-01	0.0	0.0	0.0
6133	G	7.836902E-02	4.031334E-01	-2.623872E-01	0.0	0.0	0.0
6137	G	-5.575862E-02	4.031849E-01	1.105323E-01	0.0	0.0	0.0
6139	G	-8.294183E-02	4.033664E-01	1.898298E-01	0.0	0.0	0.0
6141	G	9.219346E-02	5.743761E-01	-3.594695E-01	0.0	0.0	0.0
6143	G	5.085727E-02	5.749371E-01	-2.598071E-01	0.0	0.0	0.0
6147	G	-4.742976E-02	5.752165E-01	1.080719E-01	0.0	0.0	0.0
6149	G	-8.491100E-02	5.751892E-01	2.077098E-01	0.0	0.0	0.0
6161	G	8.047616E-02	7.734887E-01	-3.732134E-01	0.0	0.0	0.0
6163	G	3.306673E-02	7.740842E-01	-2.579985E-01	0.0	0.0	0.0
6167	G	-4.480270E-02	7.744582E-01	1.064467E-01	0.0	0.0	0.0
6169	G	-9.129834E-02	7.743473E-01	2.215913E-01	0.0	0.0	0.0
6171	G	1.288473E-01	1.303000E 00	-2.773182E-01	0.0	0.0	0.0
6179	G	-3.794164E-02	9.969938E-01	1.068395E-01	0.0	0.0	0.0
7031	G	1.117151E-01	3.377891E-01	0.0	0.0	0.0	0.0
7033	G	7.714897E-02	3.377987E-01	-2.216824E-01	0.0	0.0	0.0
7037	G	-5.481863E-02	3.377987E-01	9.457237E-02	0.0	0.0	0.0
7039	G	-8.917642E-02	3.377696E-01	0.0	0.0	0.0	0.0
7043	G	5.037700E-02	0.0	-2.246633E-01	0.0	0.0	0.0
7047	G	-4.692595E-02	0.0	9.869242E-02	0.0	0.0	0.0
7061	G	9.072620E-02	6.140109E-01	-3.898284E-01	0.0	0.0	0.0
7063	G	3.232312E-02	6.140110E-01	-2.256265E-01	0.0	0.0	0.0
7067	G	-4.568624E-02	6.165036E-01	1.000653E-01	0.0	0.0	0.0
7069	G	-1.035964E-01	6.163594E-01	2.949105E-01	0.0	0.0	0.0
7071	G	5.583559E-02	0.0	-4.419858E-01	0.0	0.0	0.0
7079	G	-9.369630E-02	0.0	3.526277E-01	0.0	0.0	0.0
7505	G	3.783157E-02	5.952947E-02	-5.518182E-02	-1.581272E-02	-1.777779E-03	-6.598379E-03
8300	G	-3.092193E-02	6.287748E-01	-4.270591E-02	0.0	0.0	0.0
8531	G	1.222509E-01	2.417892E-01	0.0	0.0	0.0	0.0
8533	G	7.714897E-02	2.423201E-01	-1.959580E-01	0.0	0.0	0.0
8537	G	-5.481863E-02	2.423201E-01	1.202965E-01	0.0	0.0	0.0
8539	G	-9.919894E-02	2.422464E-01	0.0	0.0	0.0	0.0
8543	G	4.948764E-02	0.0	-1.937181E-01	0.0	0.0	0.0
8547	G	-4.712922E-02	0.0	1.172488E-01	0.0	0.0	0.0
8561	G	1.065056E-01	4.628664E-01	-3.236097E-01	0.0	0.0	0.0
8563	G	2.771358E-02	4.635493E-01	-1.929674E-01	0.0	0.0	0.0
8567	G	-4.364174E-02	4.554192E-01	1.161667E-01	0.0	0.0	0.0
8569	G	-1.210172E-01	4.554192E-01	2.741616E-01	0.0	0.0	0.0
8571	G	4.939261E-02	0.0	-3.645284E-01	0.0	0.0	0.0
8579	G	-8.092046E-02	0.0	3.197077E-01	0.0	0.0	0.0
9303	G	8.321114E-03	-1.156445E-01	-1.529443E-01	0.0	0.0	0.0
9307	G	1.157147E-01	-1.156697E-01	1.013094E-01	0.0	0.0	0.0

9313	G	2.382990E-02	-5.371548E-02	-1.533305E-01	0.0	0.0	0.0
9317	G	-2.728901E-02	-5.533456E-02	1.015615E-01	0.0	0.0	0.0
9331	G	1.274154E-01	1.860976E-01	-2.415186E-01	0.0	0.0	0.0
9333	G	7.773316E-02	1.867953E-01	-1.628554E-01	0.0	0.0	0.0
9337	G	-5.631245E-02	1.932366E-01	1.100120E-01	0.0	0.0	0.0
9339	G	-1.041788E-01	1.935067E-01	2.117500E-01	0.0	0.0	0.0
9341	G	0.0	2.471088E-01	-2.009403E-01	0.0	0.0	0.0
9343	G	4.868148E-02	2.446123E-01	-1.563377E-01	0.0	0.0	0.0
9347	G	-4.825148E-02	2.391823E-01	1.068678E-01	0.0	0.0	0.0
9349	G	0.0	2.399278E-01	1.782905E-01	0.0	0.0	0.0
9361	G	1.131190E-01	3.147409E-01	-2.422382E-01	0.0	0.0	0.0
9363	G	2.041240E-02	3.149769E-01	-1.456090E-01	0.0	0.0	0.0
9367	G	-3.552246E-02	3.172369E-01	1.033047E-01	0.0	0.0	0.0
9369	G	-1.252259E-01	3.169965E-01	2.160147E-01	0.0	0.0	0.0
9371	G	6.283689E-02	3.746827E-01	-2.270135E-01	0.0	0.0	0.0
9373	G	0.0	3.763050E-01	-1.342620E-01	0.0	0.0	0.0
9377	G	0.0	3.818296E-01	9.060824E-02	0.0	0.0	0.0
9379	G	-8.473682E-02	3.821545E-01	2.027953E-01	0.0	0.0	0.0
11300	G	-9.933643E-03	-6.462276E-03	-7.079478E-02	0.0	0.0	0.0
11503	G	1.320387E-02	-7.734972E-02	0.0	0.0	0.0	0.0
11507	G	-1.591423E-02	-7.734972E-02	0.0	0.0	0.0	0.0
11531	G	1.113226E-01	5.291931E-02	0.0	0.0	0.0	0.0
11533	G	7.036853E-02	5.259946E-02	-6.123908E-02	0.0	0.0	0.0
11537	G	-5.274612E-02	5.283222E-02	6.469643E-02	0.0	0.0	0.0
11539	G	-9.566855E-02	5.317664E-02	0.0	0.0	0.0	0.0
11543	G	4.667699E-02	9.348015E-02	-6.142385E-02	0.0	0.0	0.0
11547	G	-4.725759E-02	9.048015E-02	6.471825E-02	0.0	0.0	0.0
11551	G	9.357435E-02	1.145346E-01	-9.400004E-02	0.0	0.0	0.0
11563	G	1.508772E-02	1.145985E-01	-6.153468E-02	0.0	0.0	0.0
11567	G	-2.773725E-02	1.178070E-01	6.469941E-02	0.0	0.0	0.0
11569	G	-1.039336E-01	1.178141E-01	9.894747E-02	0.0	0.0	0.0
11571	G	1.688972E-02	0.0	-1.136253E-01	0.0	0.0	0.0
11579	G	-3.757569E-02	0.0	1.205603E-01	0.0	0.0	0.0
11700	G	-1.368458E-02	-2.488460E-02	3.748800E-02	0.0	0.0	0.0
13500	G	-4.583061E-03	-1.157382E-01	2.066413E-02	0.0	0.0	0.0
13801	G	2.170386E-02	-8.948112E-02	1.735486E-02	0.0	0.0	0.0
13803	G	1.470279E-02	-8.957988E-02	2.197098E-02	0.0	0.0	0.0
13807	G	-1.666649E-02	-8.900702E-02	2.620015E-02	0.0	0.0	0.0
13809	G	-2.366632E-02	-8.910388E-02	2.972623E-02	0.0	0.0	0.0
13821	G	1.306241E-02	-8.393466E-02	1.553285E-02	0.0	0.0	0.0
13823	G	1.974638E-02	-8.446157E-02	2.315187E-02	0.0	0.0	0.0
13827	G	-1.920504E-02	-8.447027E-02	2.415366E-02	0.0	0.0	0.0
13829	G	-1.481044E-02	-8.409733E-02	3.124236E-02	0.0	0.0	0.0
13831	G	9.584361E-02	-7.268888E-02	1.468430E-02	0.0	0.0	0.0
13833	G	4.513878E-02	-7.318646E-02	2.176073E-02	0.0	0.0	0.0
13837	G	-3.773928E-02	-7.363921E-02	2.445179E-02	0.0	0.0	0.0
13839	G	-8.465528E-02	-7.338613E-02	3.163207E-02	0.0	0.0	0.0
13841	G	0.0	-7.025439E-02	1.533961E-02	0.0	0.0	0.0
13843	G	3.720262E-02	-6.908059E-02	1.968352E-02	0.0	0.0	0.0
13847	G	-3.492979E-02	-6.864488E-02	2.526225E-02	0.0	0.0	0.0
13848	G	-3.463819E-02	-4.886598E-02	2.831724E-02	0.0	0.0	0.0
13849	G	0.0	-4.855556E-02	6.011421E-02	0.0	0.0	0.0
13861	G	5.854468E-02	-7.156628E-02	1.442647E-02	0.0	0.0	0.0
13863	G	1.426226E-02	-7.160747E-02	1.875115E-02	0.0	0.0	0.0
13867	G	-2.178970E-02	-2.852828E-02	3.459507E-02	0.0	0.0	0.0
13869	G	-7.688469E-02	-2.842969E-02	3.572114E-02	0.0	0.0	0.0
13871	G	2.087983E-02	0.0	1.587594E-02	0.0	0.0	0.0
13879	G	-2.490317E-02	0.0	6.026123E-02	0.0	0.0	0.0
14801	G	2.170386E-02	-1.068127E-01	2.975281E-02	0.0	0.0	0.0
14803	G	1.302288E-02	-1.065339E-01	2.530904E-02	0.0	0.0	0.0
14807	G	-1.469520E-02	-1.063514E-01	2.140911E-02	0.0	0.0	0.0
14809	G	-2.366632E-02	-1.065810E-01	1.702232E-02	0.0	0.0	0.0
14821	G	1.257462E-02	-1.117747E-01	3.150358E-02	0.0	0.0	0.0
14823	G	1.727152E-02	-1.112031E-01	2.530904E-02	0.0	0.0	0.0
14827	G	-1.724142E-02	-1.107755E-01	2.140911E-02	0.0	0.0	0.0
14829	G	-1.431286E-02	-1.112168E-01	1.531286E-02	0.0	0.0	0.0

14831	G	9.2516426E-02	-1.2413796E-01	3.2170726E-02	0.0	0.0	0.0
14833	G	3.5420594E-02	-1.2363386E-01	2.6352496E-02	0.0	0.0	0.0
14837	G	-3.0983356E-02	-1.2258376E-01	2.0501926E-02	0.0	0.0	0.0
14839	G	-8.2168406E-02	-1.2288876E-01	1.4410836E-02	0.0	0.0	0.0
14841	G	0.0	-1.2376746E-01	3.3031216E-02	0.0	0.0	0.0
14843	G	3.2627086E-02	-1.2267376E-01	2.9372856E-02	0.0	0.0	0.0
14847	G	-3.0754166E-02	-1.2233066E-01	1.7777936E-02	0.0	0.0	0.0
14849	G	0.0	-1.2335656E-01	1.3221286E-02	0.0	0.0	0.0
14851	G	4.2604876E-02	-1.2715746E-01	3.4423076E-02	0.0	0.0	0.0
14863	G	1.4889496E-02	-1.2854226E-01	3.3057496E-02	0.0	0.0	0.0
14867	G	-1.9529296E-02	-1.2869526E-01	1.6847916E-02	0.0	0.0	0.0
14869	G	-4.8260486E-02	-1.2714606E-01	1.1380096E-02	0.0	0.0	0.0
14881	G	2.0638686E-02	-1.5389746E-01	3.9715996E-02	0.0	0.0	0.0
14883	G	1.4824016E-02	-1.5380166E-01	3.0334606E-02	0.0	0.0	0.0
14887	G	-2.4022226E-02	-1.5397276E-01	1.7197776E-02	0.0	0.0	0.0
14889	G	-5.4652916E-02	-1.5414316E-01	7.4536476E-03	0.0	0.0	0.0
15212	G	1.3469606E-02	-1.0699136E-01	2.5259996E-02	5.2053466E-04	4.7386496E-04	3.2436316E-04
15218	G	-1.4999296E-02	-1.0713036E-01	2.0716076E-02	4.9326496E-04	-2.6156366E-04	2.1986456E-04
15601	G	1.3078266E-02	-1.0501596E-01	2.8209346E-02	0.0	0.0	0.0
15603	G	1.3022886E-02	-1.0396926E-01	2.1562466E-02	0.0	0.0	0.0
15607	G	-1.4895196E-02	-1.0546126E-01	2.3478086E-02	0.0	0.0	0.0
15609	G	-1.4532946E-02	-1.0356346E-01	1.8692416E-02	0.0	0.0	0.0
15621	G	1.1275286E-02	-1.0821536E-01	2.9068446E-02	0.0	0.0	0.0
15623	G	1.0729836E-02	-1.0863746E-01	2.2431766E-02	0.0	0.0	0.0
15625	G	-4.3826396E-04	-1.0986306E-01	2.2461326E-02	0.0	0.0	0.0
15627	G	-1.0687426E-02	-1.0903646E-01	2.2654436E-02	0.0	0.0	0.0
15629	G	-1.3402316E-02	-1.1087096E-01	1.8007496E-02	0.0	0.0	0.0
15633	G	1.8117866E-03	0.0	2.2551486E-02	0.0	0.0	0.0
15637	G	4.4383466E-04	0.0	2.3166306E-02	0.0	0.0	0.0
16481	G	2.1626186E-02	-1.8148566E-01	5.6902536E-02	0.0	0.0	0.0
16484	G	1.4144726E-02	-1.8132106E-01	0.0	0.0	0.0	0.0
16485	G	-4.6724196E-03	-1.8310856E-01	0.0	0.0	0.0	0.0
16487	G	-2.2765516E-02	-1.8188906E-01	0.0	0.0	0.0	0.0
16489	G	-3.3027706E-02	-1.8159406E-01	-4.8884236E-03	0.0	0.0	0.0
17100	G	-3.3387106E-03	-1.6599276E-01	2.8110746E-02	0.0	0.0	0.0
18601	G	-6.7555536E-03	-1.0917416E-01	5.9070496E-02	0.0	0.0	0.0
18603	G	-7.7954386E-03	-1.0524706E-01	4.6339906E-02	0.0	0.0	0.0
18607	G	-5.0944426E-03	-1.0513456E-01	7.6879786E-03	0.0	0.0	0.0
18609	G	-2.0744896E-03	-1.0881756E-01	-4.2833696E-03	0.0	0.0	0.0
18621	G	-3.9216546E-03	-1.2096576E-01	6.2648366E-02	0.0	0.0	0.0
18623	G	-6.5270856E-03	-1.2185996E-01	4.7752626E-02	0.0	0.0	0.0
18625	G	-2.5362306E-03	-1.2202386E-01	2.7008116E-02	0.0	0.0	0.0
18627	G	1.1434996E-03	-1.2168266E-01	6.4757956E-03	0.0	0.0	0.0
18629	G	-1.2918206E-04	-1.2086526E-01	-7.6377476E-03	0.0	0.0	0.0
18631	G	1.0359656E-02	-1.5916146E-01	6.4019926E-02	0.0	0.0	0.0
18633	G	0.0	-1.5895376E-01	4.7879146E-02	0.0	0.0	0.0
18635	G	0.0	-1.5888076E-01	2.6922766E-02	0.0	0.0	0.0
18637	G	0.0	-1.5900206E-01	6.0175326E-03	0.0	0.0	0.0
18639	G	-1.1651976E-02	-1.5940316E-01	-9.9420066E-03	0.0	0.0	0.0
18641	G	-7.3215376E-03	-1.9754456E-01	6.4669136E-02	2.0123516E-03	1.8186466E-03	1.3872396E-03
18642	G	-4.7732706E-03	-1.9746736E-01	6.0661876E-02	2.0016962E-03	1.5826156E-03	1.1497296E-03
18643	G	-1.0512906E-03	-1.9735776E-01	5.3557376E-02	0.0	1.3470156E-03	9.8364246E-04
18644	G	7.8607026E-04	-1.9675376E-01	3.9411716E-02	0.0	0.0	-2.6258486E-04
18645	G	-1.9320316E-03	-1.9666146E-01	2.6771806E-02	0.0	0.0	-5.5027126E-04
18646	G	-4.1266576E-03	-1.9692876E-01	1.4030246E-02	0.0	0.0	-8.1785586E-05
18647	G	-6.2171856E-04	-1.9776526E-01	-2.4397716E-04	0.0	-1.2674976E-03	1.3700666E-03
18648	G	4.6842556E-03	-1.9796246E-01	-7.2233126E-03	1.9927936E-03	-1.2596536E-03	1.5602966E-03
18649	G	8.1326226E-03	-1.9810976E-01	-1.1133796E-02	1.9681406E-03	-1.2517886E-03	1.8465136E-03
18651	G	-3.3051586E-03	-2.0237886E-01	6.4763016E-02	2.0979566E-03	1.8505896E-03	1.4205756E-03
18652	G	-8.2193806E-04	-2.0222946E-01	6.0402376E-02	1.9769606E-03	1.5422146E-03	1.1001776E-03
18653	G	1.8[illegible]6E-03	-2.0225266E-01	-7.3445666E-03	1.9322936E-03	-1.3068506E-03	1.6483166E-03
18654	G	5.3519726E-03	-2.0269136E-01	-1.1148506E-02	1.9474466E-03	-1.2624776E-03	1.9295346E-03
18656	G	5.7267036E-03	-2.1162426E-01	6.4683566E-02	2.1137216E-03	1.9563266E-03	-3.5522726E-04
19657	G	5.3025326E-03	-2.1165376E-01	6.0833836E-02	1.8386166E-03	1.1943416E-03	-3.8157746E-04
18658	G	-3.3249886E-03	-2.1123756E-01	-7.3537646E-03	1.8214516E-03	-1.0162806E-03	1.2106386E-03
18659	G	-8.6822486E-04	-2.1120896E-01	-1.1071956E-02	1.9377746E-03	-1.3985126E-03	1.2387356E-03

18661	G	1.2962[illegible]E-02	-2.1655[illegible]E-01	6.4551[illegible]E-02	2.1726[illegible]E-03	1.9289[illegible]E-03	-7.5279[illegible]E-04
18662	G	1.3229[illegible]E-02	-2.1645[illegible]E-01	6.3758[illegible]E-02	1.8079[illegible]E-03	9.5757[illegible]E-04	-1.0593[illegible]E-03
18663	G	6.3933[illegible]E-03	-2.1635[illegible]E-01	5.4411[illegible]E-02	1.4636[illegible]E-03	-1.1137[illegible]E-05	-1.1300[illegible]E-03
18664	G	-1.1786[illegible]E-04	-2.1639[illegible]E-01	3.9558[illegible]E-02	0.0	0.0	-1.1112[illegible]E-03
18665	G	-6.8564[illegible]E-03	-2.1593[illegible]E-01	2.6779[illegible]E-02	0.0	0.0	-8.2597[illegible]E-04
18666	G	-1.0215[illegible]E-02	-2.1583[illegible]E-01	1.3832[illegible]E-02	0.0	0.0	-2.9284[illegible]E-04
18667	G	-9.8630[illegible]E-03	-2.1579[illegible]E-01	-1.0197[illegible]E-03	1.4845[illegible]E-03	-4.6796[illegible]E-04	4.4308[illegible]E-04
18668	G	-8.1034[illegible]E-03	-2.1578[illegible]E-01	-7.2725[illegible]E-03	1.7969[illegible]E-03	-1.1901[illegible]E-03	5.7426[illegible]E-04
18669	G	-6.6663[illegible]E-03	-2.1579[illegible]E-01	-1.0946[illegible]E-02	1.9936[illegible]E-03	-1.9142[illegible]E-03	8.6326[illegible]E-04
18681	G	2.1921[illegible]E-02	-2.3400[illegible]E-01	6.3496[illegible]E-02	0.0	0.0	0.0
18683	G	6.1418[illegible]E-03	-2.3387[illegible]E-01	5.4650[illegible]E-02	1.4606[illegible]E-03	5.3910[illegible]E-07	-8.5953[illegible]E-04
18685	G	-4.6660[illegible]E-03	-2.3410[illegible]E-01	2.6804[illegible]E-02	0.0	0.0	0.0
18687	G	-1.5131[illegible]E-02	-2.3356[illegible]E-01	-1.1606[illegible]E-03	1.4845[illegible]E-03	-4.1576[illegible]E-04	-8.5953[illegible]E-04
18689	G	-2.9817[illegible]E-02	-2.3369[illegible]E-01	-9.8127[illegible]E-03	0.0	0.0	0.0
18983	G	4.9192[illegible]E-03	-2.3237[illegible]E-01	5.2556[illegible]E-02	0.0	1.0790[illegible]E-03	1.5624[illegible]E-03
18987	G	-1.3849[illegible]E-02	-2.3211[illegible]E-01	-4.1687[illegible]E-04	0.0	-1.4883[illegible]E-05	1.5528[illegible]E-03
19741	G	-1.2663[illegible]E-02	-1.3727[illegible]E-01	4.0155[illegible]E-02	1.1322[illegible]E-03	2.1526[illegible]E-03	7.6343[illegible]E-04
19742	G	-8.3543[illegible]E-03	-1.3684[illegible]E-01	3.2585[illegible]E-02	9.2305[illegible]E-04	1.4492[illegible]E-03	6.7079[illegible]E-04
19743	G	-6.9540[illegible]E-03	-1.3688[illegible]E-01	3.0561[illegible]E-02	0.0	1.2415[illegible]E-03	6.2316[illegible]E-04
19745	G	-2.3074[illegible]E-03	-1.3694[illegible]E-01	2.2756[illegible]E-02	0.0	0.0	5.8235[illegible]E-04
19747	G	2.7792[illegible]E-03	-1.3689[illegible]E-01	1.4393[illegible]E-02	0.0	-5.6448[illegible]E-05	7.3426[illegible]E-04
19748	G	4.4560[illegible]E-03	-1.3689[illegible]E-01	1.2039[illegible]E-02	1.0559[illegible]E-03	-3.0433[illegible]E-04	8.1286[illegible]E-04
19749	G	1.0625[illegible]E-02	-1.3766[illegible]E-01	3.6569[illegible]E-03	1.1895[illegible]E-03	-1.1992[illegible]E-03	9.3347[illegible]E-04
19751	G	1.3940[illegible]E-03	-1.4493[illegible]E-01	4.3081[illegible]E-02	1.2475[illegible]E-03	1.9550[illegible]E-03	8.8421[illegible]E-05
19752	G	2.0165[illegible]E-03	-1.4477[illegible]E-01	3.2601[illegible]E-02	8.7841[illegible]E-04	1.3640[illegible]E-03	7.8054[illegible]E-05
19758	G	2.6531[illegible]E-03	-1.4449[illegible]E-01	1.2043[illegible]E-02	9.7805[illegible]E-04	-2.0061[illegible]E-04	8.0023[illegible]E-05
19759	G	3.2799[illegible]E-03	-1.4432[illegible]E-01	3.7733[illegible]E-03	1.3314[illegible]E-03	-8.7131[illegible]E-04	8.6392[illegible]E-05
19761	G	6.1004[illegible]E-03	-1.4728[illegible]E-01	4.0389[illegible]E-02	9.4963[illegible]E-04	1.8796[illegible]E-03	-9.4393[illegible]E-05
19762	G	5.3624[illegible]E-03	-1.4720[illegible]E-01	3.2609[illegible]E-02	9.8263[illegible]E-04	1.3481[illegible]E-03	-1.0020[illegible]E-04
19763	G	5.1126[illegible]E-03	-1.4718[illegible]E-01	3.0527[illegible]E-02	0.0	1.2400[illegible]E-03	-1.2949[illegible]E-04
19765	G	3.8103[illegible]E-03	-1.4719[illegible]E-01	2.2899[illegible]E-02	0.0	0.0	-1.8333[illegible]E-04
19767	G	2.4628[illegible]E-03	-1.4716[illegible]E-01	1.4389[illegible]E-02	0.0	-5.3857[illegible]E-05	-1.4088[illegible]E-04
19768	G	2.1847[illegible]E-03	-1.4715[illegible]E-01	1.2047[illegible]E-02	1.0866[illegible]E-03	-1.8146[illegible]E-04	-1.1513[illegible]E-04
19769	G	1.3293[illegible]E-03	-1.4713[illegible]E-01	3.7568[illegible]E-03	1.0789[illegible]E-03	-7.4796[illegible]E-04	-1.0994[illegible]E-04
21183	G	1.6010[illegible]E-03	-8.7989[illegible]E-02	1.1786[illegible]E-02	0.0	7.6224[illegible]E-04	1.0430[illegible]E-02
21187	G	-1.0107[illegible]E-02	-8.8259[illegible]E-02	1.4602[illegible]E-03	0.0	-1.0993[illegible]E-03	1.0397[illegible]E-02
21321	G	-3.0041[illegible]E-02	-6.7868[illegible]E-02	4.9890[illegible]E-03	0.0	0.0	0.0
21323	G	-1.7927[illegible]E-02	-6.7985[illegible]E-02	7.0160[illegible]E-03	0.0	0.0	0.0
21325	G	-6.4997[illegible]E-03	-6.7955[illegible]E-02	7.3879[illegible]E-03	0.0	0.0	0.0
21327	G	4.4918[illegible]E-03	-6.7929[illegible]E-02	7.7635[illegible]E-03	0.0	0.0	0.0
21329	G	1.5155[illegible]E-02	-6.7834[illegible]E-02	1.0124[illegible]E-02	0.0	0.0	0.0
21341	G	-1.6728[illegible]E-02	-3.2978[illegible]E-02	5.7450[illegible]E-03	-4.7829[illegible]E-04	2.7052[illegible]E-03	8.3368[illegible]E-04
21343	G	-1.2106[illegible]E-02	-3.3380[illegible]E-02	8.1826[illegible]E-03	0.0	2.5986[illegible]E-03	8.2126[illegible]E-04
21345	G	-2.4622[illegible]E-03	-3.4067[illegible]E-02	7.4281[illegible]E-03	0.0	6.7940[illegible]E-04	8.0827[illegible]E-04
21347	G	7.8252[illegible]E-03	-3.3180[illegible]E-02	6.3187[illegible]E-03	0.0	-1.2398[illegible]E-03	9.2850[illegible]E-04
21349	G	1.3080[illegible]E-02	-3.2734[illegible]E-02	8.3612[illegible]E-03	-5.6116[illegible]E-04	-1.3464[illegible]E-03	9.5296[illegible]E-04
21361	G	-1.0704[illegible]E-03	-3.2882[illegible]E-02	6.6966[illegible]E-03	0.0	0.0	0.0
21363	G	2.8021[illegible]E-03	-3.3455[illegible]E-02	9.6436[illegible]E-03	2.8406[illegible]E-03	-1.3013[illegible]E-04	0.0
21364	G	1.1956[illegible]E-03	-3.3499[illegible]E-02	4.7973[illegible]E-03	0.0	0.0	0.0
21366	G	1.2985[illegible]E-02	-3.3413[illegible]E-02	1.0176[illegible]E-02	0.0	0.0	0.0
21367	G	9.6174[illegible]E-03	-3.3343[illegible]E-02	5.3126[illegible]E-03	2.8378[illegible]E-03	-1.6020[illegible]E-03	0.0
21369	G	1.2102[illegible]E-02	-3.2523[illegible]E-02	7.7936[illegible]E-03	0.0	0.0	0.0
21383	G	1.6289[illegible]E-03	-6.4456[illegible]E-02	1.0899[illegible]E-02	1.7169[illegible]E-03	-1.9731[illegible]E-05	1.0685[illegible]E-02
21387	G	-1.0081[illegible]E-02	-6.4796[illegible]E-02	4.3432[illegible]E-03	1.8310[illegible]E-03	-1.4974[illegible]E-03	1.0653[illegible]E-02
21485	G	0.0	-5.1975[illegible]E-02	9.0203[illegible]E-03	-5.0556[illegible]E-04	0.0	0.0
21801	G	-3.1927[illegible]E-02	-6.5590[illegible]E-02	1.9207[illegible]E-03	0.0	0.0	0.0
21803	G	-2.3467[illegible]E-02	-6.6621[illegible]E-02	3.8911[illegible]E-03	0.0	0.0	0.0
21807	G	1.2082[illegible]E-03	-6.6473[illegible]E-02	7.0526[illegible]E-03	0.0	0.0	0.0
21809	G	1.0858[illegible]E-02	-6.5378[illegible]E-02	9.1810[illegible]E-03	0.0	0.0	0.0
21821	G	-3.0793[illegible]E-02	-6.2346[illegible]E-02	1.1910[illegible]E-03	0.0	0.0	0.0
21823	G	-1.9463[illegible]E-02	-6.2153[illegible]E-02	3.5953[illegible]E-03	0.0	0.0	0.0
21825	G	-6.9350[illegible]E-03	-6.2168[illegible]E-02	5.5375[illegible]E-03	0.0	0.0	0.0
21827	G	5.1752[illegible]E-03	-6.2111[illegible]E-02	7.6552[illegible]E-03	0.0	0.0	0.0
21829	G	1.5579[illegible]E-02	-6.2340[illegible]E-02	9.6215[illegible]E-03	0.0	0.0	0.0
22312	G	-2.9583[illegible]E-02	-5.7163[illegible]E-02	-1.4997[illegible]E-03	0.0	0.0	0.0
22318	G	1.0128[illegible]E-02	-5.7340[illegible]E-02	8.6312[illegible]E-03	0.0	0.0	0.0

22701	G	-3.156035E-02	-5.168123E-02	-5.162394E-03	0.0	0.0	0.0
22703	G	-2.372105E-02	-5.284773E-02	-1.644766E-03	0.0	0.0	0.0
22707	G	9.99[illegible]E-05	-5.262106E-02	4.958563E-03	0.0	0.0	0.0
22709	G	8.737033E-03	-5.161960E-02	8.086362E-03	0.0	0.0	0.0
22721	G	-3.152911E-02	-4.843792E-02	-5.671423E-03	0.0	0.0	0.0
22723	G	-2.033576E-02	-4.878394E-02	-3.509943E-03	0.0	0.0	0.0
22725	G	-7.663866E-03	-4.884164E-02	1.685487E-03	0.0	0.0	0.0
22727	G	5.594634E-03	-4.857517E-02	6.466652E-03	0.0	0.0	0.0
22729	G	1.602225E-02	-4.812791E-02	9.582028E-03	0.0	0.0	0.0
23100	G	1.981422E-03	-3.662633E-02	-3.877355E-03	0.0	0.0	0.0
25001	G	-3.442994E-02	-1.526535E-02	-2.880500E-02	0.0	0.0	0.0
25003	G	-2.839670E-02	-1.694495E-02	-2.599707E-02	0.0	0.0	0.0
25007	G	-9.483638E-03	-1.774613E-02	-1.353825E-02	0.0	0.0	0.0
25009	G	8.034598E-03	-1.576954E-02	-5.142566E-03	0.0	0.0	0.0
25021	G	-3.706613E-02	-9.694707E-03	-3.162834E-02	0.0	0.0	0.0
25025	G	-8.540742E-03	-9.519883E-03	-2.031392E-02	0.0	0.0	0.0
25029	G	1.910126E-02	-1.018795E-02	-1.263238E-03	0.0	0.0	0.0
25041	G	-2.718033E-02	1.334083E-02	-3.335261E-02	0.0	0.0	0.0
25045	G	0.0	1.135124E-02	-2.506862E-02	0.0	0.0	0.0
25049	G	2.768479E-02	1.030326E-02	1.209041E-03	0.0	0.0	0.0
25061	G	-1.670649E-02	2.520149E-02	-3.356642E-02	0.0	0.0	0.0
25065	G	7.310715E-03	2.565282E-02	-3.177343E-02	0.0	0.0	0.0
25069	G	3.234590E-02	2.563687E-02	2.753217E-03	0.0	0.0	0.0
26801	G	-2.985864E-02	2.158364E-02	-3.731090E-02	0.0	0.0	0.0
26809	G	-3.772905E-03	2.146807E-02	-2.332715E-02	0.0	0.0	0.0
26821	G	-3.957627E-02	3.051127E-02	-4.427437E-02	0.0	0.0	0.0
26825	G	-8.985516E-03	3.037710E-02	-2.993134E-02	0.0	0.0	0.0
26829	G	2.015544E-02	3.041240E-02	-1.349343E-02	0.0	0.0	0.0
26841	G	-2.960633E-02	4.535290E-02	-4.482008E-02	0.0	0.0	0.0
26845	G	0.0	4.540538E-02	-2.922694E-02	0.0	0.0	0.0
26849	G	2.727591E-02	4.526662E-02	-1.327834E-02	0.0	0.0	0.0
26861	G	-1.975912E-02	5.799006E-02	-4.536649E-02	0.0	0.0	0.0
26865	G	8.341484E-03	5.800102E-02	-2.946258E-02	0.0	0.0	0.0
26869	G	3.772174E-02	5.797151E-02	-1.296223E-02	0.0	0.0	0.0
29905	G	-1.191060E-02	1.171305E-01	-5.825978E-02	0.0	0.0	0.0
29921	G	-9.027221E-02	1.195133E-01	-6.443888E-02	0.0	0.0	0.0
29925	G	-9.176899E-03	1.190924E-01	-5.408530E-02	0.0	0.0	0.0
29929	G	2.249594E-02	1.195133E-01	-5.165489E-02	0.0	0.0	0.0
29941	G	-3.239545E-02	1.244203E-01	-6.496066E-02	0.0	0.0	0.0
29945	G	0.0	1.243846E-01	-5.735882E-02	0.0	0.0	0.0
29949	G	3.169576E-02	1.244521E-01	-4.979194E-02	0.0	0.0	0.0
29961	G	-2.254397E-02	1.294705E-01	-6.347269E-02	0.0	0.0	0.0
29965	G	8.841418E-03	1.293998E-01	-5.693600E-02	0.0	0.0	0.0
29969	G	-9.266077E-02	1.294705E-01	-5.029191E-02	0.0	0.0	0.0
30045	G	8.466728E-04	1.246947E-01	-5.748902E-02	-5.362416E-04	6.973448E-04	2.652756E-03
31745	G	1.588025E-03	1.781122E-01	-7.037601E-02	-2.328258E-04	7.173431E-04	3.158970E-03
33845	G	2.456754E-03	2.488800E-01	-8.529150E-02	2.786466E-04	7.037362E-04	3.575019E-03
35945	G	3.267253E-03	3.261629E-01	-9.940177E-02	9.495444E-04	6.382933E-04	3.855860E-03
38045	G	3.948115E-03	4.059976E-01	-1.113517E-01	1.848656E-03	4.996210E-04	3.904570E-03
40141	G	-1.244062E-01	4.825548E-01	-3.022003E-02	2.669673E-03	2.585261E-04	4.484560E-03
40142	G	-7.860202E-02	4.825548E-01	-5.819554E-02	2.746371E-03	2.585261E-04	4.269078E-03
40143	G	-3.261283E-02	4.825548E-01	-8.955574E-02	2.673903E-03	2.585261E-04	3.908530E-03
40145	G	4.382383E-03	4.825660E-01	-1.193535E-01	3.015332E-03	2.585978E-04	3.683571E-03
40147	G	4.141137E-02	4.825548E-01	-1.501096E-01	3.536904E-03	2.584686E-04	3.931854E-03
40148	G	8.765039E-02	4.825548E-01	-1.942572E-01	4.263251E-03	2.584686E-04	4.322629E-03
40149	G	1.343355E-01	4.825548E-01	-2.415863E-01	4.705343E-03	2.584686E-04	4.556175E-03
42245	G	4.436713E-03	5.498980E-01	-1.212668E-01	4.475155E-03	-7.414789E-05	3.208895E-03
44345	G	3.994677E-03	6.022638E-01	-1.152173E-01	6.509438E-03	-6.996348E-04	2.466612E-03
45245	G	3.625373E-03	6.186609E-01	-1.097338E-01	7.737104E-03	-7.044508E-04	2.022296E-03
46445	G	2.980009E-03	6.329900E-01	-9.991533E-02	9.413078E-03	-9.502785E-04	1.412384E-03
48745	G	-1.251188E-02	6.473828E-01	-8.381219E-02	1.404272E-02	-1.037577E-03	-1.452474E-03
48845	G	-2.165150E-02	3.005736E-01	-7.431918E-02	1.651169E-02	-1.135851E-03	-2.560919E-03
49745	G	-3.173120E-02	1.222445E-01	-6.381893E-02	1.893750E-02	-1.226361E-03	-3.339420E-03
50645	G	-4.245751E-02	-3.065331E-02	-5.263547E-02	2.122661E-02	-1.291657E-03	-3.607150E-03
51545	G	-5.369732E-02	-3.037851E-01	-4.091676E-02	2.345032E-02	-1.343031E-03	-3.451306E-03
52045	G	-6.559223E-02	-5.332347E-01	-3.372100E-02	2.446838E-02	-1.362771E-03	-3.269530E-03

61912	G	[illegible]	-2.171160E-01	6.766303E-02	2.229024E-03	2.716021E-03	-6.112966E-04
61913	G	[illegible]	-2.142472E-01	6.766303E-02	2.229024E-03	2.716021E-03	6.599867E-03
61914	G	[illegible]	-2.115880E-01	6.766303E-02	2.229024E-03	2.716021E-03	-3.619681E-04
61916	G	-5.340878E-03	-2.029463E-01	6.773931E-02	2.306630E-03	1.790087E-03	1.568512E-03
61917	G	-7.432750E-03	-2.006373E-01	6.773931E-02	2.306630E-03	1.790087E-03	7.638961E-03
61918	G	-9.261160E-03	-1.978946E-01	6.773931E-02	2.306630E-03	1.790087E-03	1.477617E-03
61922	G	3.168540E-03	-2.063284E-01	4.202039E-02	1.393634E-03	2.166117E-03	5.908381E-03
61923	G	1.262300E-03	-2.051020E-01	4.202089E-02	1.393634E-03	2.166117E-03	9.117495E-05
61924	G	-4.922470E-04	-2.039732E-01	4.202089E-02	1.393634E-03	2.166117E-03	6.146222E-03
61926	G	-1.214180E-02	-2.006015E-01	4.207211E-02	1.478202E-03	2.402355E-03	7.300388E-03
61927	G	-1.381560E-02	-1.970563E-01	4.207211E-02	1.478202E-03	2.402355E-03	8.023888E-04
61928	G	-1.626580E-02	-1.955485E-01	4.207211E-02	1.478202E-03	2.402355E-03	7.474285E-03
61934	G	-1.632790E-02	-3.212298E-02	5.184975E-03	1.849213E-04	2.717028E-03	6.539643E-03
61935	G	-1.806641E-02	-3.200464E-02	5.184975E-03	1.849213E-04	2.717028E-03	8.372869E-04
61936	G	-1.996852E-02	-3.187519E-02	5.184975E-03	1.849213E-04	2.717028E-03	6.707709E-03
62211	G	-5.444094E-03	-2.146383E-01	7.379365E-02	0.0	0.0	0.0
62213	G	-1.013448E-02	-2.102349E-01	7.375205E-02	2.799482E-03	2.859256E-03	6.371699E-03
62217	G	-2.973971E-02	-1.961165E-01	7.443058E-02	2.555656E-03	1.351473E-03	7.198926E-03
62219	G	-3.402174E-02	-1.944555E-01	7.450509E-02	0.0	0.0	0.0
62221	G	-1.167636E-02	-1.448479E-01	4.553496E-02	1.701571E-03	3.317641E-03	6.014630E-03
62224	G	-1.894201E-02	-1.409016E-01	4.557774E-02	1.555854E-03	2.680651E-03	6.113827E-03
62226	G	-3.391387E-02	-1.339893E-01	4.566458E-02	1.276260E-03	1.269985E-03	7.159192E-03
62229	G	-3.963977E-02	-1.308607E-01	4.568333E-02	1.979813E-03	4.828990E-03	7.152975E-03
62231	G	-3.345453E-02	-3.055126E-02	1.536651E-03	-1.536668E-03	2.665525E-03	6.526645E-03
62239	G	-4.007199E-02	-3.108325E-02	1.626263E-03	-1.692109E-03	2.747121E-03	6.688248E-03
62811	G	-4.066708E-02	-2.066570E-01	8.325845E-02	0.0	0.0	0.0
62819	G	-6.954134E-02	-1.873488E-01	8.253831E-02	0.0	0.0	0.0
62821	G	-4.714035E-02	-1.384885E-01	5.119709E-02	0.0	0.0	0.0
62829	G	-7.601118E-02	-1.251253E-01	5.113097E-02	0.0	0.0	0.0
62831	G	-6.978321E-02	-3.035332E-02	2.198795E-03	0.0	0.0	0.0
62839	G	-7.672769E-02	-2.955192E-02	2.171812E-03	0.0	0.0	0.0
63411	G	-7.664013E-02	-1.992971E-01	9.187341E-02	0.0	0.0	0.0
63419	G	-1.064690E-01	-1.815882E-01	9.175563E-02	0.0	0.0	0.0
63421	G	-8.383328E-02	-1.318752E-01	5.672038E-02	0.0	0.0	0.0
63429	G	-1.138529E-01	-1.191377E-01	5.667491E-02	0.0	0.0	0.0
63431	G	-1.071854E-01	-2.996447E-02	5.236976E-03	0.0	0.0	0.0
63439	G	-1.148111E-01	-2.852598E-02	5.217349E-03	0.0	0.0	0.0
64211	G	-1.283109E-01	-1.886808E-01	1.042822E-01	0.0	0.0	0.0
64219	G	-1.595461E-01	-1.726515E-01	1.042175E-01	0.0	0.0	0.0
64221	G	-1.369199E-01	-1.221009E-01	6.398374E-02	0.0	0.0	0.0
64229	G	-1.685714E-01	-1.107935E-01	6.399292E-02	1.517799E-03	4.220765E-03	6.490763E-03
64231	G	-1.611466E-01	-2.917319E-02	9.294234E-03	0.0	0.0	0.0
64239	G	-1.697994E-01	-2.773828E-02	9.284139E-03	0.0	0.0	0.0
65011	G	-1.792780E-01	-1.779624E-01	1.163424E-01	0.0	0.0	0.0
65019	G	-2.117347E-01	-1.633348E-01	1.162097E-01	0.0	0.0	0.0
65021	G	-1.897956E-01	-1.119848E-01	6.935406E-02	0.0	0.0	0.0
65029	G	-2.228529E-01	-1.027860E-01	6.943238E-02	0.0	0.0	0.0
65031	G	-2.145994E-01	-2.845640E-02	1.159636E-02	0.0	0.0	0.0
65039	G	-2.244619E-01	-2.732873E-02	1.159071E-02	0.0	0.0	0.0
65911	G	-2.305506E-01	-1.664472E-01	1.286544E-01	0.0	0.0	0.0
65919	G	-2.638593E-01	-1.538711E-01	1.291565E-01	0.0	0.0	0.0
65921	G	-2.443315E-01	-1.018741E-01	7.163268E-02	0.0	0.0	0.0
65929	G	-2.783072E-01	-9.452659E-02	7.110870E-02	1.335919E-03	6.641831E-03	6.790198E-03
65931	G	-2.689475E-01	-2.818488E-02	1.261453E-02	0.0	0.0	0.0
65939	G	-2.798402E-01	-2.728181E-02	1.259830E-02	0.0	0.0	0.0
71912	G	-5.409788E-03	-2.160524E-01	-1.372258E-02	1.972205E-03	-2.500950E-03	9.771867E-04
71913	G	-2.191067E-03	-2.135141E-01	-1.372258E-02	1.972205E-03	-2.500950E-03	7.228009E-03
71914	G	7.925618E-04	-2.111613E-01	-1.372258E-02	1.972205E-03	-2.500950E-03	1.239727E-03
71916	G	8.048393E-03	-2.033193E-01	-1.385559E-02	2.080587E-03	-1.200119E-03	2.053723E-03
71917	G	9.249713E-03	-2.012365E-01	-1.385559E-02	2.080587E-03	-1.200119E-03	7.187102E-03
71918	G	1.067665E-02	-1.987628E-01	-1.385559E-02	2.080587E-03	-1.200119E-03	1.958129E-03
71922	G	2.528873E-03	-1.453444E-01	1.782623E-03	1.340023E-03	-9.980800E-04	6.312449E-03
71923	G	3.407183E-03	-1.441652E-01	1.782623E-03	1.340023E-03	-9.980800E-04	8.750202E-05
71924	G	4.215628E-03	-1.430798E-01	1.782623E-03	1.340023E-03	-9.980800E-04	6.817244E-03
71926	G	1.109922E-02	-1.386407E-01	1.793140E-03	1.305390E-03	-1.377846E-03	7.329557E-03
71927	G	1.203616E-02	-1.377530E-01	1.793140E-03	1.305390E-03	-1.377846E-03	9.828485E-04

71928	G	1. [illegible]E-02	-1.364216E-01	1.793140E-03	1.305390E-03	-1.377846E-03	7.349081E-03
71934	G	1.374268E-02	-3.114515E-02	1.018161E-02	-9.997401E-04	-1.358426E-03	6.705046E-03
71935	G	1.461219E-02	-3.178499E-02	1.018161E-02	-9.997401E-04	-1.358426E-03	9.592904E-04
71936	G	1.556309E-02	-3.248480E-02	1.018161E-02	-9.997401E-04	-1.358426E-03	6.919169E-03
72211	G	1.669636E-02	-2.113922E-01	-1.852354E-02	0.0	0.0	0.0
72213	G	1.928595E-02	-2.088327E-01	-1.847464E-02	2.253058E-03	-2.795992E-03	6.980732E-03
72217	G	3.072463E-02	-1.971737E-01	-1.902477E-02	1.823040E-03	-1.032783E-03	6.927200E-03
72219	G	3.324670E-02	-1.956710E-01	-1.909316E-02	0.0	0.0	0.0
72221	G	2.062389E-02	-1.921618E-01	-2.576703E-03	7.014072E-04	-8.140113E-04	6.285939E-03
72224	G	2.459465E-02	-1.396308E-01	-2.616323E-03	1.395712E-03	-2.264079E-03	6.741200E-03
72226	G	3.294683E-02	-1.346911E-01	-2.676359E-03	1.039766E-03	-2.812960E-04	7.191475E-03
72229	G	3.615207E-02	-1.323339E-01	-2.683976E-03	1.372225E-03	-3.169414E-03	7.118621E-03
72231	G	3.266165E-02	-2.907254E-02	1.876727E-02	-2.326621E-03	-1.259510E-03	6.690086E-03
72239	G	3.628826E-02	-3.158873E-02	1.866192E-02	-3.454410E-03	-1.408464E-03	6.886814E-03
72811	G	5.332932E-02	-2.036465E-01	-2.593212E-02	0.0	0.0	0.0
72819	G	7.010828E-02	-1.893374E-01	-2.523327E-02	0.0	0.0	0.0
72821	G	5.696568E-02	-1.354710E-01	-6.551795E-03	0.0	0.0	0.0
72829	G	7.405943E-02	-1.264740E-01	-6.510101E-03	0.0	0.0	0.0
72831	G	7.057858E-02	-2.864066E-02	2.227051E-02	0.0	0.0	0.0
72839	G	7.462794E-02	-2.943660E-02	2.230811E-02	0.0	0.0	0.0
73411	G	8.980089E-02	-1.957719E-01	-3.279103E-02	0.0	0.0	0.0
73419	G	1.058047E-01	-1.829972E-01	-3.268256E-02	0.0	0.0	0.0
73421	G	9.443988E-02	-1.283427E-01	-1.021786E-02	0.0	0.0	0.0
73429	G	1.135852E-01	-1.202451E-01	-1.015500E-02	0.0	0.0	0.0
73431	G	1.094675E-01	-2.803981E-02	2.278538E-02	0.0	0.0	0.0
73439	G	1.143456E-01	-2.794706E-02	2.281259E-02	0.0	0.0	0.0
74211	G	1.428472E-01	-1.844419E-01	-4.197616E-02	0.0	0.0	0.0
74219	G	1.644375E-01	-1.734894E-01	-4.192914E-02	0.0	0.0	0.0
74221	G	1.449015E-01	-1.179788E-01	-1.407859E-02	0.0	0.0	0.0
74229	G	1.767186E-01	-1.114321E-01	-1.437447E-02	6.787373E-04	-2.922265E-03	6.511670E-03
74231	G	1.656610E-01	-2.678292E-02	2.378519E-02	0.0	0.0	0.0
74239	G	1.716350E-01	-2.665135E-02	2.380375E-02	0.0	0.0	0.0
75011	G	1.953946E-01	-1.730613E-01	-5.005236E-02	0.0	0.0	0.0
75019	G	2.142458E-01	-1.638856E-01	-4.994550E-02	0.0	0.0	0.0
75021	G	2.031360E-01	-1.073132E-01	-1.543940E-02	0.0	0.0	0.0
75029	G	2.274572E-01	-1.028047E-01	-1.551927E-02	0.0	0.0	0.0
75041	G	2.221401E-01	-2.554990E-02	2.691359E-02	0.0	0.0	0.0
75039	G	2.286258E-01	-2.573664E-02	2.692190E-02	0.0	0.0	0.0
75911	G	2.484332E-01	-1.610312E-01	-5.772502E-02	0.0	0.0	0.0
75919	G	2.741174E-01	-1.524003E-01	-5.810855E-02	0.0	0.0	0.0
75921	G	2.592551E-01	-9.682971E-02	-1.323213E-02	0.0	0.0	0.0
75929	G	2.854492E-01	-9.364153E-02	-1.269234E-02	5.705366E-04	-5.196519E-03	6.763227E-03
75931	G	2.781622E-01	-2.463036E-02	3.191272E-02	0.0	0.0	0.0
75939	G	2.864431E-01	-2.509168E-02	3.182900E-02	0.0	0.0	0.0
122400	G	2.212562E-02	1.070111E-01	-5.722553E-02	-1.614101E-03	-1.557350E-03	1.132754E-03
123467	G	2.729405E-02	1.559834E-03	-2.036164E-03	0.0	0.0	0.0
123487	G	3.949419E-02	1.114436E-01	-2.638249E-02	0.0	0.0	0.0
124800	G	2.212562E-02	1.340840E-01	-2.000446E-02	-1.614101E-03	-1.557350E-03	1.132754E-03
125063	G	-1.197261E-02	2.520149E-02	-3.321313E-02	0.0	0.0	0.0
125065	G	1.030412E-02	2.565282E-02	-2.766514E-02	0.0	0.0	0.0
125067	G	2.741304E-02	2.563687E-02	2.753217E-03	0.0	0.0	0.0
125383	G	1.749926E-02	1.311394E-01	-3.064544E-02	0.0	0.0	0.0
125387	G	4.407593E-02	1.311394E-01	7.224608E-03	0.0	0.0	0.0
126463	G	-1.063735E-02	5.799006E-02	-4.020399E-02	0.0	0.0	0.0
126867	G	2.818459E-02	5.797151E-02	-1.831840E-02	0.0	0.0	0.0
127200	G	2.212562E-02	1.621703E-01	1.861741E-02	-1.614101E-03	-1.557350E-03	1.132754E-03
189073	G	-3.722710E-02	-2.136234E-01	5.238834E-02	2.207762E-03	2.808808E-04	2.617054E-03
189077	G	2.754499E-02	-2.136234E-01	-2.253772E-03	2.207762E-03	2.808808E-04	2.617054E-03
200073	G	-6.467325E-03	-1.705831E-01	2.224162E-02	2.207762E-03	2.808808E-04	2.617054E-03
200078	G	-4.841056E-03	-1.872959E-01	2.224162E-02	2.207762E-03	2.808808E-04	2.617054E-03
200079	G	-4.426621E-03	-1.903642E-01	2.225419E-02	2.209549E-03	2.791767E-04	2.617054E-03
200086	G	-2.132298E-03	-2.129474E-01	2.228476E-02	2.850897E-03	3.017655E-04	2.617054E-03
200087	G	-2.441407E-03	-2.066507E-01	2.228476E-02	2.233199E-03	2.728738E-04	2.617054E-03
200095	G	2.352302E-04	-2.326990E-01	2.232192E-02	1.940303E-03	2.434673E-04	2.617054E-03
200096	G	-7.284454E-05	-2.229661E-01	2.232192E-02	2.187133E-03	2.690644E-04	2.617054E-03
200101	G	1.451459E-03	-2.383519E-01	2.234602E-02	2.942334E-04	1.820562E-04	2.617054E-03

203106	G	2.247382E-03	-2.350483E-01	2.239126E-02	-1.054545E-03	1.174750E-04	2.617054E-03
203114	G	2.827699E-03	-2.194198E-01	2.245919E-02	-1.077862E-03	1.198451E-04	2.617054E-03
203121	G	2.803649E-03	-1.921528E-01	2.251865E-02	-4.049264E-03	5.540067E-05	2.617054E-03
203129	G	2.260930E-03	-1.479864E-01	2.258659E-02	-6.268408E-03	7.529769E-05	2.617054E-03
203137	G	1.906188E-03	-9.334034E-02	2.258659E-02	-7.394046E-03	1.395066E-04	2.617054E-03
203145	G	7.526927E-05	-3.388479E-02	2.258659E-02	-8.068517E-03	1.452948E-04	2.617054E-03
203153	G	-1.250159E-03	3.794369E-02	2.258659E-02	-8.284371E-03	1.735530E-04	2.617054E-03
203155	G	-1.633703E-03	5.115238E-02	2.258659E-02	-8.284371E-03	1.735530E-04	2.617054E-03
211001	G	1.941325E-02	-3.974951E-01	1.503437E-01	-8.137215E-03	1.246453E-04	2.159405E-03
211002	G	-2.205412E-02	-5.784351E-01	-3.054503E-01	-1.547390E-02	-1.298971E-03	3.983255E-03
211073	G	-3.722710E-02	-1.366240E-01	9.627075E-02	2.207762E-03	2.408808E-04	2.617054E-03
211077	G	2.754499E-02	-1.366240E-01	-8.371357E-03	2.207762E-03	2.408808E-04	2.617054E-03
214075	G	-4.841056E-03	-1.493486E-01	1.816885E-02	2.207762E-03	2.408808E-04	2.617054E-03
214901	G	1.941325E-02	-2.623498E-01	1.454399E-01	-8.137215E-03	1.246453E-04	2.159405E-03
214902	G	-2.205412E-02	-4.213753E-01	-2.542324E-01	-1.547390E-02	-1.298971E-03	3.983255E-03
215101	G	-9.227950E-03	-1.198481E-01	6.487647E-02	-5.121827E-03	-9.099342E-04	8.153699E-04
215102	G	7.708007E-04	-1.402872E-01	-9.116533E-02	-1.115733E-02	-2.965328E-04	1.876361E-03
215201	G	-1.499929E-02	-1.071333E-01	2.071607E-02	-2.780838E-04	-8.157142E-04	-7.307751E-04
215202	G	1.346960E-02	-1.369913E-01	2.525499E-02	-3.167837E-03	-3.909532E-04	-2.523293E-04
222001	G	1.967005E-02	-1.257139E-01	6.670386E-02	-3.924973E-03	1.505871E-03	1.557245E-03
222002	G	-2.239955E-02	-1.633927E-01	-9.372604E-02	-6.434023E-03	-2.753416E-03	2.782767E-03
222201	G	2.756772E-02	-5.449516E-02	3.016706E-02	-2.032409E-03	7.711083E-04	1.223625E-03
222202	G	-4.517974E-02	-6.557735E-02	-3.495701E-02	-3.060345E-03	-2.065276E-03	1.662169E-03
222301	G	1.012855E-02	-5.734086E-02	8.631252E-01	-6.281917E-04	-4.824263E-06	1.338582E-03
222302	G	-2.958352E-02	-5.716315E-02	-1.499710E-03	-1.040637E-03	-1.283090E-03	1.504194E-03
223401	G	1.967005E-02	-1.325550E-01	6.479266E-02	-3.924973E-03	1.505871E-03	1.557245E-03
223402	G	-2.239955E-02	-1.229034E-01	-9.366363E-02	-6.434023E-03	-2.753416E-03	2.782767E-03
520018	G	-5.970648E-02	-5.332351E-01	1.029893E-02	2.444255E-02	-1.362771E-03	-3.270924E-03
520024	G	-5.767865E-02	-5.332351E-01	2.545332E-02	2.444262E-02	-1.362771E-03	-3.270437E-03
520057	G	-4.701214E-02	-5.332420E-01	1.058306E-01	2.492360E-02	-1.362771E-03	-3.243289E-03
520065	G	-4.455376E-02	-5.332435E-01	1.248958E-01	2.526148E-02	-1.362771E-03	-3.225355E-03
520068	G	-4.336211E-02	-5.332443E-01	1.342746E-01	2.543742E-02	-1.362771E-03	-3.215848E-03
520079	G	-3.993347E-02	-5.332596E-01	1.620178E-01	2.592574E-02	-1.362771E-03	-3.189869E-03
520135	G	-2.252356E-02	-5.333668E-01	3.139711E-01	2.813484E-02	-1.362771E-03	-3.078029E-03
520139	G	-2.126214E-02	-5.333788E-01	3.255202E-01	2.819831E-02	-1.362771E-03	-3.075504E-03
520152	G	-1.722681E-02	-5.334110E-01	3.625310E-01	2.827960E-02	-1.362771E-03	-3.072545E-03
520185	G	-7.132579E-03	-5.334110E-01	4.557963E-01	2.827960E-02	-1.362771E-03	-3.072545E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 1.174621E 04

REAL EIGENVECTOR NO. 14

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	7.901362E-02	-7.364173E-02	-4.913204E-01	0.0	0.0	0.0
3339	G	3.540531E-02	-7.076073E-02	-5.256703E-01	0.0	0.0	0.0
3341	G	-1.057086E-02	-1.023874E-01	-6.819616E-01	0.0	0.0	0.0
3349	G	-9.656735E-03	-1.022951E-01	-5.343427E-01	0.0	0.0	0.0
4631	G	2.476463E-02	-6.196177E-02	-3.914217E-01	0.0	0.0	0.0
4633	G	4.661272E-02	-4.972543E-02	-3.995383E-01	0.0	0.0	0.0
4637	G	5.915510E-02	-4.984219E-02	-4.634903E-01	0.0	0.0	0.0
4639	G	3.975031E-02	-6.214992E-02	-4.686879E-01	0.0	0.0	0.0
4641	G	-1.695343E-02	-8.703870E-02	-3.885772E-01	0.0	0.0	0.0
4649	G	-2.991894E-03	-8.740628E-02	-4.716523E-01	0.0	0.0	0.0
4661	G	-6.172954E-02	-1.133967E-01	-3.975659E-01	0.0	0.0	0.0
4669	G	-5.551049E-02	-1.144009E-01	-4.628963E-01	0.0	0.0	0.0
6123	G	7.674760E-02	-2.311702E-02	-3.040937E-01	0.0	0.0	0.0
6127	G	9.302819E-02	-2.296029E-02	-3.625997E-01	0.0	0.0	0.0
6131	G	4.252266E-02	-3.809586E-02	-2.927542E-01	0.0	0.0	0.0
6133	G	4.497534E-02	-3.816528E-02	-3.041553E-01	0.0	0.0	0.0
6137	G	5.830549E-02	-3.866599E-02	-3.623044E-01	0.0	0.0	0.0
6139	G	6.144527E-02	-3.881374E-02	-3.758479E-01	0.0	0.0	0.0
6141	G	-3.359600E-03	-6.144811E-02	-2.901465E-01	0.0	0.0	0.0
6143	G	4.114683E-04	-6.144311E-02	-3.046313E-01	0.0	0.0	0.0
6147	G	1.078035E-02	-6.968802E-02	-3.621639E-01	0.0	0.0	0.0
6149	G	1.479631E-02	-6.967926E-02	-3.787649E-01	0.0	0.0	0.0
6161	G	-3.593760E-02	-7.972538E-02	-2.874624E-01	0.0	0.0	0.0
6163	G	-3.073939E-02	-7.973582E-02	-3.049701E-01	0.0	0.0	0.0
6167	G	-2.295440E-02	-7.176619E-02	-3.622324E-01	0.0	0.0	0.0
6169	G	-1.690932E-02	-9.174168E-02	-3.891476E-01	0.0	0.0	0.0
6171	G	-5.720660E-03	-1.295472E-01	-4.593435E-01	0.0	0.0	0.0
6179	G	-8.942265E-02	-1.257133E-01	-4.115230E-01	0.0	0.0	0.0
7031	G	4.140316E-02	-3.196225E-02	0.0	0.0	0.0	0.0
7033	G	4.984366E-02	-3.185048E-02	-2.529423E-01	0.0	0.0	0.0
7037	G	5.764439E-02	-3.145044E-02	-3.053582E-01	0.0	0.0	0.0
7039	G	6.134129E-02	-3.174356E-02	0.0	0.0	0.0	0.0
7043	G	-1.084593E-03	0.0	-2.512774E-01	0.0	0.0	0.0
7047	G	9.505659E-03	0.0	-3.044814E-01	0.0	0.0	0.0
7061	G	-3.872444E-02	-6.591123E-02	-1.987414E-01	0.0	0.0	0.0
7063	G	-3.456294E-02	-6.591123E-02	-2.508196E-01	0.0	0.0	0.0
7067	G	-2.629113E-02	-8.937079E-02	-3.047949E-01	0.0	0.0	0.0
7069	G	-1.862311E-02	-8.926630E-02	-3.060756E-01	0.0	0.0	0.0
7071	G	-9.121585E-02	0.0	-1.814749E-01	0.0	0.0	0.0
7079	G	-8.023477E-02	0.0	-3.015857E-01	0.0	0.0	0.0
7505	G	1.478242E-01	1.042331E-02	-2.486254E-01	2.040811E-03	-6.432031E-03	3.500271E-04
9300	G	-1.094211E-01	-8.693314E-02	-1.996267E-01	0.0	0.0	0.0
8531	G	3.807507E-02	-2.254577E-02	0.0	0.0	0.0	0.0
8533	G	4.484385E-02	-2.244458E-02	-1.594739E-01	0.0	0.0	0.0
8537	G	5.784439E-02	-2.244458E-02	-2.122871E-01	0.0	0.0	0.0
8539	G	6.002386E-02	-2.228431E-02	0.0	0.0	0.0	0.0
8543	G	-2.975675E-03	0.0	-1.630572E-01	0.0	0.0	0.0
8547	G	7.444169E-03	0.0	-2.119563E-01	0.0	0.0	0.0
8561	G	4.059016E-02	-5.231320E-02	-1.196979E-01	0.0	0.0	0.0
8563	G	-3.757146E-02	-5.235907E-02	-1.602002E-01	0.0	0.0	0.0
8567	G	-3.056240E-02	-6.860065E-02	-2.118467E-01	0.0	0.0	0.0
8569	G	-1.554565E-02	-6.860065E-02	-2.166506E-01	0.0	0.0	0.0
8571	G	-8.193833E-02	0.0	-1.035416E-01	0.0	0.0	0.0
8579	G	-7.291365E-02	0.0	-2.106804E-01	0.0	0.0	0.0
9303	G	2.125469E-02	3.509305E-02	-1.119226E-01	0.0	0.0	0.0
9307	G	1.677585E-02	3.509633E-02	-1.556234E-01	0.0	0.0	0.0

9313	G	-1.0[illegible]E-02	2.[illegible]E-02	-1.118774E-01	0.0	0.0	0.0
9317	G	-8.[illegible]E-03	2.425161E-02	-1.556809E-01	0.0	0.0	0.0
9331	G	[illegible]	-1.664501E-02	-9.342903E-02	0.0	0.0	0.0
9333	G	[illegible]	-1.584257E-02	-1.098723E-01	0.0	0.0	0.0
9337	G	[illegible]	-1.796392E-02	-1.565987E-01	0.0	0.0	0.0
9339	G	[illegible]	-1.817481E-02	-1.712180E-01	0.0	0.0	0.0
9341	G	0.0	-3.108121E-02	-8.055648E-02	0.0	0.0	0.0
9343	G	-[illegible]	-3.067052E-02	-9.716374E-02	0.0	0.0	0.0
9347	G	[illegible]	-3.065324E-02	-1.426257E-01	0.0	0.0	0.0
9349	G	0.0	-3.096180E-02	-1.492994E-01	0.0	0.0	0.0
9361	G	-[illegible]	-4.368451E-02	-7.192993E-02	0.0	0.0	0.0
9363	G	-[illegible]	-4.368022E-02	-8.882684E-02	0.0	0.0	0.0
9367	G	-[illegible]	-4.474918E-02	-1.327409E-01	0.0	0.0	0.0
9369	G	-1.133293E-02	-4.415693E-02	-1.501422E-01	0.0	0.0	0.0
9371	G	-5.899436E-02	-5.598885E-02	-6.641477E-02	0.0	0.0	0.0
9373	G	0.0	-5.576577E-02	-9.505415E-02	0.0	0.0	0.0
9377	G	0.0	-5.474836E-02	-1.359702E-01	0.0	0.0	0.0
9379	G	-4.497934E-02	-5.423262E-02	-1.404513E-01	0.0	0.0	0.0
11300	G	-5.254017E-02	9.457562E-03	-2.997722E-02	0.0	0.0	0.0
11503	G	-7.056311E-03	2.136783E-02	0.0	0.0	0.0	0.0
11507	G	-8.016266E-03	2.136783E-02	0.0	0.0	0.0	0.0
11531	G	2.421563E-02	-2.243531E-03	0.0	0.0	0.0	0.0
11533	G	3.025038E-02	-2.559420E-03	6.213736E-03	0.0	0.0	0.0
11537	G	4.296394E-02	-5.142927E-03	-2.245558E-02	0.0	0.0	0.0
11539	G	4.491025E-02	-5.514726E-03	0.0	0.0	0.0	0.0
11543	G	-4.286662E-03	-1.399255E-02	6.157394E-03	0.0	0.0	0.0
11547	G	4.033335E-03	-1.399255E-02	-2.265113E-02	0.0	0.0	0.0
11561	G	-3.202499E-02	-2.654547E-02	5.453598E-03	0.0	0.0	0.0
11563	G	-2.976106E-02	-2.657969E-02	6.107107E-03	0.0	0.0	0.0
11567	G	-2.721931E-02	-1.335347E-02	-2.279174E-02	0.0	0.0	0.0
11569	G	-1.102452E-02	-1.337546E-02	-3.291428E-02	0.0	0.0	0.0
11571	G	-5.783175E-02	0.0	1.229544E-02	0.0	0.0	0.0
11579	G	-5.873307E-02	0.0	-3.061546E-02	0.0	0.0	0.0
11700	G	-5.195729E-02	9.914845E-03	-4.198139E-02	0.0	0.0	0.0
13500	G	-2.509205E-02	2.631010E-03	6.886560E-02	0.0	0.0	0.0
13801	G	-5.148690E-03	1.655341E-02	8.634132E-02	0.0	0.0	0.0
13803	G	-5.567115E-03	1.700449E-02	8.536118E-02	0.0	0.0	0.0
13807	G	-5.692564E-03	1.709594E-02	7.779366E-02	0.0	0.0	0.0
13809	G	-5.745143E-03	1.669684E-02	7.401991E-02	0.0	0.0	0.0
13821	G	-5.128171E-03	1.367241E-02	8.642542E-02	0.0	0.0	0.0
13823	G	-2.390041E-03	1.339325E-02	8.506072E-02	0.0	0.0	0.0
13827	G	-5.306744E-04	1.279735E-02	7.769501E-02	0.0	0.0	[illegible]
13829	G	-8.126326E-03	1.244189E-02	7.263148E-02	0.0	0.0	0.0
13831	G	1.454983E-02	9.555008E-03	8.419460E-02	0.0	0.0	[illegible]
13833	G	1.064742E-02	9.119794E-03	8.260584E-02	0.0	0.0	0.0
13837	G	1.912113E-02	7.722758E-03	7.460026E-02	0.0	0.0	[illegible]
13839	G	3.226196E-02	7.378630E-03	7.111508E-02	0.0	0.0	0.0
13841	G	0.0	2.376397E-03	7.849950E-02	0.0	0.0	[illegible]
13843	G	-2.448359E-03	2.972071E-03	8.061129E-02	0.0	0.0	0.0
13847	G	3.651752E-03	3.026973E-03	7.255280E-02	0.0	0.0	0.0
13848	G	3.530892E-03	4.256557E-03	6.496489E-02	0.0	0.0	0.0
13849	G	0.0	3.531897E-03	5.248351E-02	0.0	0.0	0.0
13861	G	-2.046318E-02	1.230960E-03	7.563323E-02	0.0	0.0	0.0
13863	G	-1.570662E-02	1.125674E-03	7.968462E-02	0.0	0.0	0.0
13867	G	-1.821659E-02	1.865174E-04	5.502778E-02	0.0	0.0	0.0
13869	G	-1.210222E-02	-1.602132E-05	4.736719E-02	0.0	0.0	0.0
13871	G	-4.392715E-02	0.0	7.428133E-02	0.0	0.0	0.0
13879	G	-3.314218E-02	0.0	4.714943E-02	0.0	0.0	0.0
14801	G	-5.148690E-03	1.624317E-02	8.653879E-02	0.0	0.0	0.0
14803	G	-5.751673E-03	1.670306E-02	8.484668E-02	0.0	0.0	0.0
14807	G	-5.771227E-03	1.758083E-02	7.780975E-02	0.0	0.0	0.0
14809	G	-5.745143E-03	1.729319E-02	7.658970E-02	0.0	0.0	0.0
14821	G	-5.034003E-03	1.314549E-02	8.708930E-02	0.0	0.0	0.0
14823	G	-3.428698E-03	1.338168E-02	8.484668E-02	0.0	0.0	0.0
14827	G	-2.130895E-03	1.528606E-02	7.780975E-02	0.0	0.0	0.0
14829	G	-8.190628E-03	1.565407E-02	7.e35313E-02	0.0	0.0	0.0

14831		1.248[illegible]E-02	9.551330E-03	8.653475E-01	0.0	0.0	0.0
14834		4.875507E-03	9.977246E-03	8.516610E-02	0.0	0.0	0.0
14837		1.[illegible]E-02	1.[illegible]0366E-02	7.946761E-02	0.0	0.0	0.0
14839		2.[illegible]	1.540925E-02	7.[illegible]	[illegible]	0.0	0.0
14841		[illegible]	8.314189E-03	8.[illegible]67296E-02	0.0	0.0	0.0
14844		[illegible]4762[illegible]	8.472517E-03	8.5[illegible]4a0E-02	0.0	0.0	0.0
14847		8.675376E-03	9.787716E-03	8.011183E-02	0.0	0.0	0.0
14849		0.0	[illegible]8369D4E-02	7.6345[illegible]6E-[illegible]	0.0	0.0	0.0
14851		-1.3[illegible]E-02	[illegible]8d65619E-[illegible]	8.438[illegible]3E-[illegible]	0.0	0.0	0.0
14854		[illegible]2431E-[illegible]	8.[illegible]E-03	8.5[illegible]3396E-02	0.0	0.0	0.0
14857		-8.[illegible]4569E-[illegible]	6.d1[illegible]E-[illegible]	8.[illegible]32876E-02	0.0	0.0	0.0
14859		-8.394185E-03	7.499553E-[illegible]	7.6354566E-02	0.0	0.0	0.0
14861		-3.188967E-02	6.360609E-03	8.694577E-02	0.0	0.0	0.0
14863		-2.545823E-02	6.168071E-03	8.836845E-02	0.0	0.0	0.0
14867		-2.340833E-02	5.992271E-03	8.322227E-02	0.0	0.0	0.0
14869		-3.065336E-02	6.306815E-03	8.373397E-02	0.0	0.0	0.0
15212		-4.672334E-03	1.522440E-02	8.511972E-02	3.732771E-04	2.589717E-04	-6.124474E-05
15216		-6.181639E-03	1.472082E-02	7.529813E-02	2.558273E-04	4.091787E-04	-5.677344E-04
15601		-5.713094E-03	1.550530E-02	8.752602E-02	0.0	0.0	0.0
15603		-5.751673E-03	1.621858E-02	8.279824E-02	0.0	0.0	0.0
15607		-5.471223E-03	1.556465E-02	7.457316E-02	0.0	0.0	0.0
15609		-7.716246E-03	1.294627E-02	7.640326E-02	0.0	0.0	0.0
15621		-5.797278E-03	1.318752E-02	8.d14305E-02	0.0	0.0	0.0
15623		-3.326411E-03	1.289719E-02	8.341658E-02	0.0	0.0	0.0
15625		-4.971921E-03	1.226262E-02	7.837914E-02	0.0	0.0	0.0
15627		-2.948811E-03	1.126988E-02	7.414591E-02	0.0	0.0	0.0
15629		-9.120595E-03	1.098993E-02	7.635647E-02	0.0	0.0	0.0
15633		2.922421E-03	0.0	8.477443E-02	0.0	0.0	0.0
15637		1.670122E-03	0.0	7.569177E-02	0.0	0.0	0.0
16481		-2.[illegible]3887E-02	8.971736E-03	9.[illegible]667468E-02	0.0	0.0	0.0
16483		-[illegible]5143E-[illegible]	8.779474E-03	0.0	[illegible]	0.0	0.0
16485		-2.402713E-02	9.[illegible]23E-03	0.0	0.0	0.0	0.0
16487		-2.293[illegible]E-02	7.[illegible]9E-03	0.0	[illegible]	[illegible]	0.0
16489		-2.473044E-02	7.161997E-03	9.[illegible]42E-02	0.0	0.0	0.0
17100		-1.841861E-02	1.235351E-02	1.043643E-01	0.0	0.0	0.0
18601		-1.742022E-02	8.392435E-03	1.036928E-01	0.0	0.0	0.0
18603		-2.235549E-02	8.206439E-03	1.[illegible]47[illegible]E-01	0.0	0.0	0.0
18607		-2.476633E-02	8.[illegible]E-03	1.[illegible]E-01	0.0	0.0	0.0
18609		-2.072877E-02	8.[illegible]E-03	1.037933E-01	0.0	0.0	0.0
18621		-1.[illegible]E-02	8.851312E-03	1.007553E-01	0.0	0.0	0.0
18623		-1.403[illegible]E-02	8.[illegible]E-03	1.017949E-01	0.0	0.0	0.0
18625		-1.383692E-02	8.498155E-03	1.030504E-01	0.0	0.0	0.0
18627		-1.843702E-02	8.[illegible]E-03	1.039228E-01	0.0	0.0	0.0
18629		-1.654893E-02	7.743426E-03	1.038423E-01	0.0	0.0	0.0
18631		-2.[illegible]E-03	8.408542E-03	1.[illegible]E-01	0.0	0.0	0.0
18633		0.0	8.712217E-03	1.020900E-01	0.0	0.0	0.0
18635		0.0	8.253802E-03	1.032447E-01	0.0	0.0	0.0
18637		0.0	7.702556E-03	1.043014E-01	0.0	0.0	0.0
18639		-4.956465E-03	7.627428E-03	1.047859E-01	0.0	0.0	0.0
18641		1.451475E-02	1.302912E-02	1.018852E-01	2.405473E-04	9.830070E-04	-2.639120E-03
18642		9.443361E-03	9.879351E-03	1.018208E-01	-4.675305E-05	6.418327E-04	-2.430190E-03
18643		1.193119E-03	9.691053E-03	1.019503E-01	0.0	3.415430E-04	-2.317543E-03
18644		-1.058667E-02	9.014934E-03	1.023897E-01	0.0	0.0	-1.247743E-03
18645		-1.493677E-02	8.399379E-03	1.032435E-01	0.0	0.0	-2.452333E-04
18646		-1.331474E-02	7.714316E-03	1.037549E-01	0.0	0.0	8.151669E-04
18647		-3.785551E-03	6.798845E-03	1.050369E-01	0.0	3.748762E-04	2.091526E-03
18648		3.735043E-03	6.590361E-03	1.061807E-01	-3.222481E-04	5.575452E-04	2.236708E-03
18649		8.485399E-03	6.281380E-03	1.070353E-01	-7.202364E-04	7.607464E-04	2.311645E-03
18651		1.666742E-02	9.775653E-03	1.019719E-01	2.548998E-04	9.691087E-04	-2.798604E-03
18652		1.111633E-02	9.739120E-03	1.018575E-01	-3.423695E-05	2.664567E-04	-2.749327E-03
18653		5.118454E-03	7.579442E-03	1.026583E-01	-3.724690E-04	2.625717E-04	2.469328E-03
18654		1.013805E-02	7.493806E-03	1.[illegible]E-01	-7.060985E-04	7.309827E-04	2.554159E-03
18656		2.093123E-02	9.318026E-03	1.020364E-01	2.705012E-04	7.740688E-04	-4.490376E-03
18657		1.194791E-02	9.[illegible]E-03	1.019444E-01	-6.[illegible]E-05	2.399839E-04	-4.498344E-03
18658		6.112132E-03	1.[illegible]E-02	1.064067E-01	-3.365260E-04	2.007491E-04	3.605749E-03
18659		1.324977E-02	1.[illegible]E-02	1.073650E-01	-7.829991E-04	5.526554E-04	3.526336E-03

18661	G	[illegible]	8.766852E-03	1.019573E-01	2.665322E-04	[illegible]	-4.384175E-03
18662	G	[illegible]	8.937050E-03	1.020311E-01	-9.449843E-05	[illegible]	-4.360262E-03
18663	G	[illegible]	9.156696E-03	1.022360E-01	[illegible]	[illegible]	[illegible]
18664	G	[illegible]	9.461515E-03	1.024183E-01	0.0	0.0	-2.056999E-03
18665	G	[illegible]	1.048936E-02	1.030169E-01	0.0	0.0	1.763132E-05
18666	G	[illegible]	1.115834E-02	1.037900E-01	0.0	0.0	1.890650E-03
18667	G	[illegible]	1.200017E-02	1.053376E-01	[illegible]	[illegible]	3.419308E-03
18668	G	[illegible]	1.229759E-02	1.064608E-01	[illegible]	[illegible]	3.518333E-03
18669	G	[illegible]	1.252637E-02	1.072531E-01	[illegible]	[illegible]	3.403356E-03
18681	G	[illegible]	1.136854E-02	1.022246E-01	0.0	0.0	0.0
18683	G	[illegible]	1.150644E-02	1.024749E-01	[illegible]	[illegible]	7.479424E-05
18685	G	-2.332490E-02	1.245702E-02	1.035246E-01	0.0	0.0	0.0
18687	G	[illegible]	1.361889E-02	1.056493E-01	[illegible]	[illegible]	7.479424E-05
18689	G	[illegible]	1.376562E-02	1.071394E-01	0.0	0.0	0.0
18983	G	[illegible]	1.229813E-02	1.021834E-01	0.0	1.527524E-03	3.060987E-04
18987	G	[illegible]	1.425512E-02	1.051224E-01	0.0	1.320512E-03	2.501748E-04
19741	G	1.493530E-02	1.181358E-02	9.242266E-02	-4.395577E-04	1.266001E-03	-6.705[illegible]
19742	G	9.144466E-03	1.083084E-02	9.673882E-02	-6.384724E-04	1.946721E-03	-5.78[illegible]
19743	G	7.971358E-03	1.073866E-02	9.820038E-0	0.0	[illegible]	-5.03[illegible]
19745	G	5.166147E-03	1.075382E-02	1.018959E-01	0.0	0.0	-1.971[illegible]
19747	G	4.987475E-03	1.068958E-02	1.025378E-01	0.0	1.973778E-03	1.609[illegible]
19748	G	5.456623E-03	1.054780E-02	1.021809E-01	1.306192E-04	1.799422E-03	2.713543[illegible]
19749	G	8.874603E-03	9.687435E-03	1.021261E-01	-2.137102E-04	9.118668E-04	4.021999[illegible]
19751	G	2.430972E-02	1.149345E-02	9.255862E-02	-4.997442E-04	1.646285E-03	-2.146339[illegible]
19752	G	2.382043E-02	1.229874E-02	9.678948E-02	-5.431648E-04	1.978687E-03	-8.550596E-05
19758	G	1.902256E-02	1.389618E-02	1.022494E-01	6.312305E-05	1.806940E-03	-3.725062E-04
19759	G	1.587307E-02	1.493468E-02	1.022224E-01	-2.408610E-04	1.289403E-03	-4.913902E-04
19761	G	2.861211E-02	1.340614E-02	9.252596E-02	-6.191384E-04	1.789964E-03	1.453476E-05
19762	G	2.869920E-02	1.359487E-02	9.681964E-02	-5.545749E-04	1.977836E-03	4.968231E-06
19763	G	2.864888E-02	1.368995E-02	9.810793E-02	0.0	2.072279E-03	-5.091942E-05
19765	G	2.744017E-02	1.372644E-02	1.026781E-01	0.0	0.0	-2.563344E-04
19767	G	2.455646E-02	1.382148E-02	1.024200E-01	0.0	1.944717E-03	-4.739033E-04
19768	G	2.345948E-02	1.395638E-02	1.022900E-01	1.225146E-06	1.797094E-03	-5.381168E-04
19769	G	1.929042E-02	1.423825E-02	1.021833E-01	1.019108E-04	1.431242E-03	-5.493448E-04
21183	G	-2.223454E-02	2.576340E-02	4.173475E-02	0.0	-2.196364E-03	8.002529E-04
21187	G	-2.002544E-02	2.476828E-02	5.498914E-02	0.0	-1.906741E-03	6.060917E-04
21321	G	-2.383254E-02	4.557744E-03	4.449072E-02	0.0	0.0	0.0
21323	G	-2.422392E-02	4.714865E-03	4.859585E-02	0.0	0.0	0.0
21325	G	-2.712438E-02	5.310549E-03	5.368278E-02	0.0	0.0	0.0
21327	G	-2.857600E-02	5.371943E-03	5.791730E-02	0.0	0.0	0.0
21329	G	-3.371570E-02	5.601916E-03	5.975286E-02	0.0	0.0	0.0
21341	G	1.859147E-02	1.516672E-02	4.532531E-02	-1.844267E-04	1.082567E-03	8.662331E-04
21343	G	2.289215E-02	1.525047E-02	4.837172E-02	0.0	1.089884E-03	6.784413E-04
21345	G	2.341450E-02	1.570607E-02	5.449031E-02	0.0	1.221620E-03	-4.736288E-04
21347	G	1.435595E-02	1.627384E-02	6.011165E-02	0.0	1.353355E-03	-9.181770E-04
21349	G	9.229366E-03	1.644782E-02	6.232668E-02	-7.643136E-04	1.360673E-03	-9.098523E-04
21361	G	4.207022E-02	1.917424E-02	4.552443E-02	0.0	0.0	0.0
21363	G	4.272475E-02	1.977624E-02	4.877236E-02	-5.575696E-04	-5.318973E-03	0.0
21364	G	4.825426E-02	1.998149E-02	5.223156E-02	0.0	0.0	0.0
21366	G	4.343632E-02	2.100463E-02	5.758978E-02	0.0	0.0	0.0
21367	G	3.558474E-02	2.121413E-02	6.084088E-02	-4.720394E-04	-4.551221E-03	0.0
21369	G	3.024694E-02	2.171512E-02	6.279290E-02	0.0	0.0	0.0
21383	G	-2.211285E-02	2.754773E-02	4.940796E-02	-7.396298E-04	-4.836407E-03	8.060185E-04
21387	G	-1.992306E-02	2.611725E-02	6.148852E-02	-2.261179E-04	-4.145231E-03	6.092978E-04
21485	G	0.0	2.727899E-02	6.204368E-02	-4.861986E-04	0.0	0.0
21801	G	-4.188645E-02	1.859318E-04	3.282830E-02	0.0	0.0	0.0
21803	G	-4.704357E-02	-5.138631E-04	3.428646E-02	0.0	0.0	0.0
21807	G	-5.158078E-02	3.961402E-04	4.218422E-02	0.0	0.0	0.0
21[illegible]	G	-5.037724E-02	1.245563E-03	4.492033E-02	0.0	0.0	0.0
21821	G	-2.457832E-02	2.741304E-03	3.212867E-02	0.0	0.0	0.0
21823	G	-2.560641E-02	3.061620E-03	3.445134E-02	0.0	0.0	0.0
21825	G	-2.853388E-02	3.580795E-03	3.854381E-02	0.0	0.0	0.0
21827	G	-3.072476E-02	4.043523E-03	4.333274E-02	0.0	0.0	0.0
21829	G	-3.476465E-02	4.422549E-03	4.704047E-02	0.0	0.0	0.0
22312	G	-3.764390E-02	1.382140E-04	2.213395E-02	0.0	0.0	0.0
22318	G	-4.592035E-02	-6.892167E-04	3.367696E-02	0.0	0.0	0.0

22701	G	-4.388960E-02	-3.118980E-03	1.068932E-02	0.0	0.0	0.0
22703	G	-5.054878E-02	-4.235100E-03	1.431220E-02	0.0	0.0	0.0
22707	G	-5.486582E-02	-3.139971E-03	2.068701E-02	0.0	0.0	0.0
22709	G	-5.243320E-02	-2.336097E-03	2.190853E-02	0.0	0.0	0.0
22721	G	-2.532180E-02	2.452631E-04	1.059586E-02	0.0	0.0	0.0
22723	G	-2.642383E-02	2.341577E-04	1.260805E-02	0.0	0.0	0.0
22725	G	-3.168031E-02	5.329519E-04	1.771463E-02	0.0	0.0	0.0
22727	G	-3.195329E-02	8.054364E-04	2.071244E-02	0.0	0.0	0.0
22729	G	-3.561171E-02	6.388261E-04	2.467157E-02	0.0	0.0	0.0
23100	G	2.098967E-02	6.357212E-03	-6.348035E-03	0.0	0.0	0.0
25001	G	-5.499053E-02	-1.026640E-02	-7.866672E-02	0.0	0.0	0.0
25003	G	-6.191616E-02	-1.113219E-02	-7.718092E-02	0.0	0.0	0.0
25007	G	-6.635156E-02	-1.107410E-02	-7.209796E-02	0.0	0.0	0.0
25009	G	-6.431892E-02	-1.055780E-02	-6.976672E-02	0.0	0.0	0.0
25021	G	-3.085246E-02	-7.405799E-03	-8.024001E-02	0.0	0.0	0.0
25025	G	-3.649299E-02	-7.669028E-03	-7.383722E-02	0.0	0.0	0.0
25029	G	-4.374435E-02	-8.277677E-03	-6.835312E-02	0.0	0.0	0.0
25041	G	2.186892E-02	-2.037354E-03	-8.043838E-02	0.0	0.0	0.0
25045	G	0.0	-1.582014E-03	-7.303834E-02	0.0	0.0	0.0
25049	G	5.106114E-03	-1.235365E-03	-6.813282E-02	0.0	0.0	0.0
25061	G	6.036963E-02	3.033076E-03	-8.019793E-02	0.0	0.0	0.0
25065	G	5.216452E-02	2.930305E-03	-7.190449E-02	0.0	0.0	0.0
25069	G	4.320703E-02	2.932574E-03	-6.788641E-02	0.0	0.0	0.0
26801	G	-6.130790E-02	-1.933551E-02	-1.464838E-01	0.0	0.0	0.0
26809	G	-6.756014E-02	-2.012774E-02	-1.415047E-01	0.0	0.0	0.0
26821	G	-3.519074E-02	-1.667923E-02	-1.486230E-01	0.0	0.0	0.0
26825	G	-4.356926E-02	-1.696366E-02	-1.441244E-01	0.0	0.0	0.0
26829	G	-4.904319E-02	-1.723740E-02	-1.365231E-01	0.0	0.0	0.0
26841	G	1.936864E-02	-1.134453E-02	-1.492101E-01	0.0	0.0	0.0
26845	G	0.0	-1.194226E-02	-1.454717E-01	0.0	0.0	0.0
26849	G	2.771114E-03	-1.257092E-02	-1.375557E-01	0.0	0.0	0.0
26861	G	6.409229E-02	-8.483518E-03	-1.497352E-01	0.0	0.0	0.0
26865	G	5.287560E-02	-8.437347E-03	-1.475379E-01	0.0	0.0	0.0
26869	G	4.596773E-02	-8.393683E-03	-1.386725E-01	0.0	0.0	0.0
29905	G	-6.353817E-02	-3.685571E-02	-2.762746E-01	0.0	0.0	0.0
29921	G	-3.341043E-02	-3.660553E-02	-2.755533E-01	0.0	0.0	0.0
29925	G	-4.478349E-02	-3.658435E-02	-2.752433E-01	0.0	0.0	0.0
29929	G	-5.656570E-02	-3.660593E-02	-2.750413E-01	0.0	0.0	0.0
29945	G	1.242696E-02	-3.570444E-02	-2.719969E-01	0.0	0.0	0.0
29945	G	0.0	-3.565542E-02	-2.717135E-01	0.0	0.0	0.0
29949	G	-5.830031E-03	-3.562010E-02	-2.711480E-01	0.0	0.0	0.0
29961	G	6.148864E-02	-3.484908E-02	-2.692778E-01	0.0	0.0	0.0
29965	G	5.171118E-02	-3.486852E-02	-2.690645E-01	0.0	0.0	0.0
29969	G	4.380082E-02	-3.484908E-02	-2.687696E-01	0.0	0.0	0.0
30045	G	3.097223E-03	-3.574825E-02	-2.722869E-01	-2.267542E-05	3.750158E-03	-7.196022E-04
31745	G	6.270114E-03	-4.966243E-02	-3.401059E-01	-2.172674E-05	3.687496E-03	-8.087542E-04
33845	G	9.852368E-03	-6.715614E-02	-4.147857E-01	-2.930261E-05	3.423056E-03	-8.569909E-04
35945	G	1.392783E-02	-8.499122E-02	-4.805338E-01	-4.369559E-05	2.821222E-03	-8.433082E-04
38045	G	1.446320E-02	-1.016939E-01	-5.285230E-01	-6.736703E-05	1.737618E-03	-7.479617E-04
40141	G	3.661994E-02	-1.153845E-01	-6.362492E-01	-5.404521E-03	-3.077500E-05	-8.458553E-04
40142	G	2.809539E-02	-1.153845E-01	-5.847815E-01	-4.066031E-03	-3.077500E-05	-7.721200E-04
40143	G	2.006477E-02	-1.153845E-01	-5.503302E-01	-1.826444E-03	-3.077500E-05	-6.487442E-04
40145	G	1.431669E-02	-1.153902E-01	-5.466065E-01	-1.015434E-04	-3.025518E-05	-5.627885E-04
40147	G	8.698553E-03	-1.153885E-01	-5.462157E-01	1.593913E-03	-3.077053E-05	-5.590096E-04
40148	G	2.348947E-03	-1.153885E-01	-5.797529E-01	3.786756E-03	-3.077053E-05	-5.660986E-04
40149	G	-3.506470E-03	-1.153885E-01	-6.281284E-01	5.097304E-03	-3.077053E-05	-5.703354E-04
42245	G	1.142440E-02	-1.240762E-01	-5.212212E-01	-1.456021E-04	-2.414662E-03	-2.800210E-04
44345	G	4.903559E-03	-1.254675E-01	-4.382462E-01	-2.078565E-04	-5.501978E-03	1.295053E-04
45245	G	7.738124E-04	-1.230775E-01	-3.812987E-01	-2.443141E-04	-7.013038E-03	3.672866E-04
46445	G	-5.824671E-03	-1.165504E-01	-2.872272E-01	-2.953070E-04	-8.860283E-03	7.005250E-04
48045	G	-1.497796E-01	-8.408248E-02	-1.391498E-01	1.205904E-03	-9.515654E-03	4.145075E-03
48845	G	-2.332480E-01	-5.370731E-02	-5.335596E-02	2.586671E-03	-1.022928E-02	6.489147E-03
49745	G	-3.238487E-01	-1.403353E-02	3.985662E-02	4.355532E-03	-1.087540E-02	9.166405E-03
50645	G	-4.190689E-01	3.376902E-02	1.379020E-01	6.647656E-03	-1.134241E-02	1.226748E-02
51545	G	-5.161391E-01	8.447198E-02	2.397386E-01	9.341263E-03	-1.172763E-02	1.584166E-02
52045	G	-6.224431E-01	9.088623E-02	3.017227E-01	1.152723E-02	-1.189139E-02	1.978486E-02

61912	G	2.6[illegible]E-02	8.1[illegible]E-03	1.025[illegible]E-01	3.652708E-04	-2.598723E-04	-4.340775E-03
61913	G	2.6[illegible]E-02	9.579370E-03	1.025[illegible]E-01	3.652708E-04	-2.598723E-04	-1.105623E-03
61914	G	2.6[illegible]E-02	9.315135E-03	1.025[illegible]E-01	3.652708E-04	-2.598723E-04	-4.495833E-03
61916	G	2.042710E-02	9.931553E-03	1.024610E-01	3.757325E-04	1.048242E-03	-2.809287E-03
61917	G	1.937777E-02	1.333766E-02	1.024610E-01	3.757325E-04	1.048242E-03	2.018906E-04
61918	G	1.811149E-02	1.075441E-02	1.024616E-01	3.757325E-04	1.048242E-03	-2.728973E-03
61922	G	2.582152E-02	1.088073E-02	9.139458E-02	-1.729169E-04	1.708868E-03	-4.284065E-04
61923	G	2.431977E-02	1.072856E-02	9.199858E-02	-1.729169E-04	1.708868E-03	4.630567E-07
61924	G	2.293553E-02	1.058850E-02	9.199858E-02	-1.729169E-04	1.708868E-03	-9.062217E-04
61926	G	1.981179E-02	1.245104E-02	9.211290E-02	1.088311E-04	1.328422E-03	8.123921E-05
61927	G	1.894865E-02	1.252504E-02	9.211290E-02	1.088311E-04	1.328422E-03	-7.056412E-04
61928	G	1.459346E-02	1.263605E-02	9.211290E-02	1.088311E-04	1.328422E-03	5.272019E-04
61934	G	1.784807E-02	1.365408E-02	4.768565E-02	2.416810E-03	1.081759E-03	3.324912E-04
61935	G	1.715575E-02	1.520084E-02	4.768565E-02	2.416810E-03	1.081759E-03	9.128766E-05
61936	G	1.639852E-02	1.689260E-02	4.768565E-02	2.416810E-03	1.081759E-03	1.110161E-03
62211	G	3.266586E-02	4.961409E-03	1.053250E-01	0.0	0.0	0.0
62213	G	2.972082E-02	7.384446E-03	1.053576E-01	9.933440E-04	-5.931244E-04	-9.736298E-04
62217	G	1.893111E-02	1.092348E-02	1.056944E-01	1.591249E-03	7.311902E-04	1.538376E-04
62219	G	1.675318E-02	1.309695E-02	1.057009E-01	0.0	0.0	0.0
62221	G	2.987749E-02	7.539485E-03	8.976948E-02	1.868362E-03	3.542078E-03	-2.339021E-04
62224	G	2.547700E-02	9.556290E-03	8.980125E-02	1.856337E-04	3.532770E-04	-8.292240E-04
62226	G	1.666394E-02	1.282898E-02	8.993655E-02	3.037229E-04	1.330635E-03	8.536698E-05
62229	G	1.331312E-02	1.396015E-02	8.998746E-02	1.031966E-03	2.144832E-03	1.966210E-04
62231	G	1.730607E-02	1.270870E-02	5.825101E-02	1.583966E-03	2.693306E-04	1.274907E-04
62239	G	1.328864E-02	1.663847E-02	5.822692E-02	3.812756E-03	1.422930E-03	8.895590E-04
62811	G	3.337276E-02	4.730131E-03	1.096125E-01	0.0	0.0	0.0
62819	G	1.797764E-02	1.237217E-02	1.096383E-01	0.0	0.0	0.0
62821	G	3.016659E-02	6.828867E-03	9.322506E-02	0.0	0.0	0.0
62829	G	1.458519E-02	1.416916E-02	9.316319E-02	0.0	0.0	0.0
62831	G	1.826871E-02	1.230255E-02	6.613582E-02	0.0	0.0	0.0
62839	G	1.437142E-02	1.533949E-02	6.616366E-02	0.0	0.0	0.0
63411	G	3.341506E-02	4.031777E-03	1.132896E-01	0.0	0.0	0.0
63419	G	1.938950E-02	1.245211E-02	1.132664E-01	0.0	0.0	0.0
63421	G	3.012897E-02	6.176606E-03	9.695703E-02	0.0	0.0	0.0
63429	G	1.594173E-02	1.416502E-02	9.699476E-02	0.0	0.0	0.0
63431	G	1.933881E-02	1.190371E-02	7.272768E-02	0.0	0.0	0.0
63439	G	1.568412E-02	1.441162E-02	7.274616E-02	0.0	0.0	0.0
64211	G	3.401747E-02	3.040039E-03	1.201256E-01	0.0	0.0	0.0
64219	G	2.162743E-02	1.212534E-02	1.200824E-01	0.0	0.0	0.0
64221	G	3.066023E-02	5.223792E-03	1.040700E-01	0.0	0.0	0.0
64229	G	1.802575E-02	1.385896E-02	1.040869E-01	1.159095E-03	1.678414E-03	1.819063E-04
64231	G	2.111025E-02	1.096530E-02	8.222401E-02	0.0	0.0	0.0
64239	G	1.761005E-02	1.343649E-02	8.223742E-02	0.0	0.0	0.0
65011	G	3.521241E-02	2.110981E-03	1.287566E-01	0.0	0.0	0.0
65019	G	2.417747E-02	1.123978E-02	1.287021E-01	0.0	0.0	0.0
65021	G	3.166994E-02	4.316296E-03	1.127604E-01	0.0	0.0	0.0
65029	G	2.039348E-02	1.318840E-02	1.127489E-01	0.0	0.0	0.0
65031	G	2.322710E-02	9.792075E-03	9.281415E-02	0.0	0.0	0.0
65039	G	1.979889E-02	1.245769E-02	9.282094E-02	0.0	0.0	0.0
65911	G	3.663800E-02	1.483354E-03	1.389308E-01	0.0	0.0	0.0
65919	G	2.702515E-02	9.574585E-03	1.391751E-01	0.0	0.0	0.0
65921	G	3.308637E-02	3.833335E-03	1.228017E-01	0.0	0.0	0.0
65929	G	2.304157E-02	1.195632E-02	1.228740E-01	1.476920E-03	1.865164E-03	2.725173E-04
65931	G	2.570569E-02	8.568522E-03	1.046624E-01	0.0	0.0	0.0
65939	G	2.230574E-02	1.127339E-02	1.046638E-01	0.0	0.0	0.0
71912	G	1.738228E-02	1.349471E-02	1.086252E-01	-9.467620E-04	-2.279822E-04	3.310902E-03
71913	G	1.767569E-02	1.227622E-02	1.086252E-01	-9.467620E-04	-2.279822E-04	1.347594E-03
71914	G	1.794767E-02	1.114674E-02	1.086252E-01	-9.467620E-04	-2.279822E-04	3.495692E-03
71916	G	1.358845E-02	7.166449E-03	1.083494E-01	-8.849062E-04	7.446690E-04	2.585325E-03
71917	G	1.284304E-02	6.280657E-03	1.083494E-01	-8.849062E-04	7.446690E-04	3.905923E-04
71918	G	1.195763E-02	5.228505E-03	1.083494E-01	-8.849062E-04	7.446690E-04	2.631011E-03
71922	G	1.826148E-02	1.655483E-02	1.028410E-01	-6.978395E-04	1.300773E-03	1.087704E-03
71923	G	1.511680E-02	1.594074E-02	1.028410E-01	-6.978395E-04	1.300773E-03	-5.313002E-04
71924	G	1.406317E-02	1.537548E-02	1.028410E-01	-6.978395E-04	1.300773E-03	1.585810E-03
71926	G	1.012712E-02	9.422548E-03	1.029537E-01	-1.011694E-03	8.941179E-04	7.631830E-04
71927	G	9.519115E-03	8.734595E-03	1.029537E-01	-1.011694E-03	8.941181E-04	4.610743E-04

71926	G	8.607116E-03	7.732655E-03	1.029537E-01	-1.011494E-03	4.941179E-04	5.462104E-04
71934	G	8.651443E-03	1.875559E-02	6.624504E-02	-3.391139E-03	1.361495E-03	4.616331E-04
71935	G	7.780366E-03	1.956526E-02	6.624504E-02	-3.391139E-03	1.361495E-03	-4.037801E-04
71936	G	6.827043E-03	1.921146E-02	6.624504E-02	-3.391139E-03	1.361495E-03	4.756436E-04
72211	G	2.323147E-02	1.828147E-02	1.138225E-01	0.0	0.0	0.0
72213	G	2.150346E-02	1.895650E-02	1.138257E-01	-1.942625E-03	-5.041598E-04	1.512670E-03
72217	G	1.428446E-02	5.797338E-03	1.142347E-01	-2.530530E-03	2.893182E-04	4.855958E-04
72219	G	1.283186E-02	1.865451E-03	1.142394E-01	0.0	0.0	0.0
72221	G	2.164745E-02	2.165040E-02	1.034237E-01	-3.034368E-03	2.879936E-03	9.104544E-04
72224	G	1.858911E-02	1.736135E-02	1.039449E-01	-1.224873E-03	-1.288362E-04	1.506219E-03
72226	G	1.248483E-02	9.309456E-03	1.040832E-01	-1.554116E-03	1.005859E-03	7.424820E-04
72229	G	1.016349E-02	6.312910E-03	1.041003E-01	-2.115178E-03	1.383914E-03	6.343555E-04
72231	G	1.257465E-02	2.119375E-02	8.366436E-02	-3.094486E-03	1.467925E-03	4.347777E-04
72234	G	9.725403E-03	1.957307E-02	8.341315E-02	-5.127891E-03	1.917304E-03	4.470715E-04
72811	G	2.749701E-02	1.948615E-02	1.241140E-01	0.0	0.0	0.0
72819	G	1.779434E-02	4.1907 E-03	1.241456E-01	0.0	0.0	0.0
72821	G	2.592193E-02	2.326073E-02	1.135994E-01	0.0	0.0	0.0
72829	G	1.532352E-02	7.349271E-03	1.136284E-01	0.0	0.0	0.0
72831	G	1.804335E-02	2.234149E-02	9.530599E-02	0.0	0.0	0.0
72839	G	1.536421E-02	1.682399E-02	9.533781E-02	0.0	0.0	0.0
73411	G	3.208552E-02	2.139869E-02	1.339436E-01	0.0	0.0	0.0
73419	G	2.337223E-02	5.301200E-03	1.339159E-01	0.0	0.0	0.0
73421	G	3.011916E-02	2.491432E-02	1.238178E-01	0.0	0.0	0.0
73429	G	2.514896E-02	8.656763E-03	1.239049E-01	0.0	0.0	0.0
73431	G	2.336466E-02	2.351324E-02	1.095536E-01	0.0	0.0	0.0
73439	G	2.101008E-02	1.864492E-02	1.085773E-01	0.0	0.0	0.0
74211	G	3.885242E-02	2.416107E-02	1.503326E-01	0.0	0.0	0.0
74219	G	3.166227E-02	7.646069E-03	1.502674E-01	0.0	0.0	0.0
74221	G	3.696746E-02	2.731517E-02	1.491815E-01	0.0	0.0	0.0
74229	G	2.947737E-02	1.992402E-02	1.490927E-01	-2.203149E-03	9.992426E-04	3.435547E-04
74231	G	3.135063E-02	2.561589E-02	1.275683E-01	0.0	0.0	0.0
74239	G	2.942592E-02	7.381503E-03	1.275824E-01	0.0	0.0	0.0
75011	G	4.637869E-02	2.674365E-02	1.689321E-01	0.0	0.0	0.0
75019	G	4.023750E-02	1.081259E-02	1.688437E-01	0.0	0.0	0.0
75021	G	4.445905E-02	2.965446E 02	1.599065E-01	0.0	0.0	0.0
75029	G	3.836593E-02	1.367176E-02	1.599353E-01	0.0	0.0	0.0
75031	G	3.969506E-02	2.793102E-02	1.484737E-01	0.0	0.0	0.0
75039	G	3.771519E-02	2.294618E-02	1.484805E-01	0.0	0.0	0.0
75911	G	5.457017E-02	2.895651E-02	1.895640E-01	0.0	0.0	0.0
75919	G	4.920256E-02	1.905908E-02	1.898739E-01	0.0	0.0	0.0
75921	G	5.261719E-02	3.148324E-02	1.807889E-01	0.0	0.0	0.0
75929	G	4.700102E-02	1.727412E-02	1.809430E-01	-2.583502E-03	1.021583E-03	2.534445E-04
75931	G	4.852675E-02	3.022629E-02	1.706293E-01	0.0	0.0	0.0
75939	G	4.654449E-02	2.527742E-02	1.706356E-01	0.0	0.0	0.0
122400	G	1.618491E-01	2.027625E-02	3.899740E-02	-2.877160E-04	4.391715E-03	-4.737009E-04
123467	G	4.501456E-02	1.154724E-02	-1.223617E-02	0.0	0.0	0.0
123487	G	1.386689E-01	1.433114E-02	-2.052754E-03	0.0	0.0	0.0
124800	G	1.618491E-01	9.954804E-03	-6.596416E-02	-2.877160E-04	4.391715E-03	-4.737009E-04
125063	G	5.875291E-02	3.003076E-03	-7.856381E-02	0.0	0.0	0.0
125065	G	5.109349E-02	2.930305E-03	-7.142401E-02	0.0	0.0	0.0
125067	G	4.497199E-02	2.932574E-03	-6.788641E-02	0.0	0.0	0.0
125383	G	1.429794E-01	4.831593E-03	-9.272963E-02	0.0	0.0	0.0
125387	G	1.313654E-01	4.331593E-03	-8.597922E-02	0.0	0.0	0.0
126863	G	6.045127E-02	-8.483518E-03	-1.490219E-01	0.0	0.0	0.0
126867	G	4.821012E-02	-8.393683E-03	-1.415505E-01	0.0	0.0	0.0
127200	G	1.618491E-01	-2.792974E-03	-1.748786E-01	-2.877160E-04	4.391715E-03	-4.737009E-04
189073	G	-2.853020E-02	1.787715E-02	1.004997E-01	-4.359870E-04	2.905964E-04	2.771064E-04
189077	G	-2.167181E-02	1.787715E-02	1.412405E-01	-4.359870E-04	2.905964E-04	2.771064E-04
200070	G	-2.733082E-02	1.836442E-02	1.029717E-01	-4.359870E-04	2.905964E-04	2.771064E-04
200078	G	-2.510101E-02	2.066446E-02	1.029717E-01	-4.359870E-04	2.905964E-04	2.771064E-04
200079	G	-2.467418E-02	2.341019E-02	1.030365E-01	-4.360443E-04	2.862802E-04	2.771064E-04
200086	G	-2.279606E-02	2.744599E-02	1.031941E-01	-5.349424E-04	2.837536E-04	2.771064E-04
200087	G	-2.266894E-02	2.644648E-02	1.031941E-01	-4.349452E-04	2.728333E-04	2.771064E-04
200095	G	-2.042317E-02	3.132762E-02	1.033856E-01	-3.329196E-04	2.807644E-04	2.771064E-04
200096	G	-2.031221E-02	3.026228E-02	1.033856E-01	-4.323847E-04	2.667124E-04	2.771064E-04
200101	G	-1.880286E-02	3.269148E-02	1.035398E-01	-1.397651E-04	2.674194E-04	2.771064E-04

200106		-1.726199E-02	3.298175E-02	1.037430E-01	7.053132E-05	2.441443E-04	2.771064E-04
200114	G	-1.480263E-02	3.104929E-02	1.040932E-01	3.835459E-04	3.225340E-04	2.771064E-04
200121	G	-1.243120E-02	2.746461E-02	1.043997E-01	6.375553E-04	3.564277E-04	2.771064E-04
200129	G	-9.419627E-03	2.133766E-02	1.047499E-01	8.526484E-04	3.947166E-04	2.771064E-04
200137	G	-6.136801E-03	1.552677E-02	1.047499E-01	1.059538E-03	4.224890E-04	2.771064E-04
200145	G	-2.884110E-03	4.588936E-03	1.047499E-01	1.163967E-03	4.392419E-04	2.771064E-04
200153	G	7.475293E-04	-4.618011E-03	1.047499E-01	1.197708E-03	4.446569E-04	2.771064E-04
200155	G	1.730217E-03	-7.264934E-03	1.047499E-01	1.197708E-03	4.446569E-04	2.771064E-04
211001	G	-6.178491E-02	6.452404E-01	-6.449382E-01	1.972228E-02	-3.455980E-03	-5.384717E-03
211002	G	-6.173973E-02	2.938014E-02	1.572323E-01	6.589363E-04	1.751286E-03	-1.790744E-04
211073	G	-2.853020E-02	2.591253E-02	9.417057E-02	-4.359870E-04	2.905964E-04	2.771064E-04
211074	G	-2.167181E-02	2.591253E-02	1.049613E-01	-4.359870E-04	2.905964E-04	2.771064E-04
214075	G	-2.510101E-02	2.668249E-02	9.875804E-02	-4.359870E-04	2.905964E-04	2.771064E-04
214901	G	-6.178491E-02	4.339209E-01	-3.166893E-01	1.972228E-02	-3.455980E-03	-5.384717E-03
214902	G	-6.173973E-02	2.231923E-02	8.817917E-02	6.589363E-04	1.751286E-03	-1.790744E-04
215101	G	-3.725884E-02	6.413656E-02	-9.604818E-02	1.541316E-02	-1.419419E-03	-3.157435E-03
215102	G	-2.264480E-02	1.237522E-02	7.750744E-02	1.212263E-04	1.045884E-03	7.984302E-04
215201	G	-6.181639E-03	1.472082E-02	7.529813E-02	5.709149E-03	-4.391442E-04	-1.234074E-03
215202	G	-4.672336E-03	1.522440E-02	9.511972E-02	-1.465510E-03	9.003871E-04	6.942127E-04
222001	G	-4.194244E-02	8.199765E-02	-3.090688E-02	5.853578E-03	-3.396419E-03	-3.828349E-03
222002	G	-6.166752E-02	-2.114943E-02	3.232530E-04	-7.267403E-04	1.120850E-03	-3.663108E-04
222201	G	-5.892870E-02	5.394846E-03	1.636098E-02	1.057394E-03	-1.[illegible]40E-03	-1.716670E-03
222202	G	-4.290621E-02	-4.711948E-03	7.735826E-03	-9.744342E-04	7.127244E-04	2.375837E-04
222301	G	-4.592035E-02	-6.892167E-04	3.367696E-02	5.059446E-04	-4.390062E-04	-6.119647E-04
222302	G	-3.764390E-02	1.382140E-04	2.213395E-02	-8.729601E-04	9.305085E-05	9.360233E-05
223401	G	-4.194244E-02	2.629497E-02	1.851103E-02	5.853578E-03	-3.396419E-03	-3.828349E-03
223402	G	-6.166752E-02	-2.647925E-02	-1.598512E-02	-7.267403E-04	1.120850E-03	-3.663108E-04
520018	G	-6.579931E-01	9.083629E-02	3.224390E-01	1.148565E-02	-1.189109E-02	1.970423E-02
520024	G	-6.702110E-01	9.083629E-02	3.295608E-01	1.146880E-02	-1.189109E-02	1.971374E-02
520057	G	-7.361218E-01	9.083760E-02	3.678795E-01	1.227541E-02	-1.189109E-02	2.123623E-02
520065	G	-7.526472E-01	9.083790E-02	3.774078E-01	1.281111E-02	-1.189109E-02	2.229385E-02
520068	G	-7.609967E-01	9.083802E-02	3.822037E-01	1.310708E-02	-1.189109E-02	2.284817E-02
520079	G	-7.865210E-01	9.084094E-02	3.967970E-01	1.389606E-02	-1.189109E-02	2.437724E-02
520135	G	-9.457833E-01	9.086156E-02	4.863185E-01	1.743463E-02	-1.189109E-02	3.123188E-02
520139	G	-9.586297E-01	9.086347E-02	4.934881E-01	1.753242E-02	-1.189109E-02	3.142099E-02
520152	G	-1.000000E 00	9.086961E-02	5.165635E-01	1.765607E-02	-1.189109E-02	3.166002E-02
520185	G	-1.104414E 00	9.086961E-02	5.747930E-01	1.765607E-02	-1.189109E-02	3.166002E-02

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 1.273281E 04

REAL EIGENVECTOR NO. 15

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-1.280411E-03	1.879833E-02	2.232666E-02	0.0	0.0	0.0
3339	G	-3.064932E-03	1.880796E-02	2.938550E-02	0.0	0.0	0.0
3341	G	2.195680E-04	2.580934E-02	2.034737E-02	0.0	0.0	0.0
3349	G	-1.758976E-04	2.578930E-02	3.133874E-02	0.0	0.0	0.0
4631	G	-7.829616E-05	1.637593E-02	1.380415E-02	0.0	0.0	0.0
4633	G	-1.493203E-03	1.384249E-02	1.547297E-02	0.0	0.0	0.0
4637	G	-5.022325E-03	1.384112E-02	2.805544E-02	0.0	0.0	0.0
4639	G	-4.291456E-03	1.638447E-02	2.971826E-02	0.0	0.0	0.0
4641	G	1.956643E-03	2.157587E-02	1.319981E-02	0.0	0.0	0.0
4649	G	-1.929341E-03	2.160285E-02	3.034183E-02	0.0	0.0	0.0
4651	G	3.664861E-03	2.708723E-02	1.504307E-02	0.0	0.0	0.0
4659	G	1.652804E-03	2.711238E-02	2.451199E-02	0.0	0.0	0.0
6123	G	-2.741415E-03	7.560967E-03	1.062125E-02	0.0	0.0	0.0
6127	G	-4.116713E-03	7.498089E-03	2.280559E-02	0.0	0.0	0.0
6131	G	-5.087743E-04	1.064044E-02	8.209759E-03	0.0	0.0	0.0
6133	G	-1.265903E-03	1.064421E-02	1.063446E-02	0.0	0.0	0.0
6137	G	-5.103561E-03	1.067386E-02	2.273417E-02	0.0	0.0	0.0
6139	G	-5.903430E-03	1.068235E-02	2.532173E-02	0.0	0.0	0.0
6141	G	1.797305E-03	1.567304E-02	7.678213E-03	0.0	0.0	0.0
6143	G	5.586446E-04	1.567403E-02	1.070039E-02	0.0	0.0	0.0
6147	G	-2.125725E-03	1.614868E-02	2.273218E-02	0.0	0.0	0.0
6149	G	-3.398474E-03	1.614726E-02	2.587321E-02	0.0	0.0	0.0
6161	G	3.359524E-03	1.951385E-02	7.232333E-03	0.0	0.0	0.0
6163	G	1.648220E-03	1.951699E-02	1.076841E-02	0.0	0.0	0.0
6167	G	-1.027330E-04	2.320698E-02	2.259304E-02	0.0	0.0	0.0
6169	G	-1.599402E-03	2.320344E-02	2.627835E-02	0.0	0.0	0.0
6171	G	4.474204E-03	2.417770E-02	1.311331E-02	0.0	0.0	0.0
6179	G	3.453941E-03	2.914592E-02	2.535746E-02	0.0	0.0	0.0
7031	G	-2.904455E-04	8.813728E-03	0.0	0.0	0.0	0.0
7033	G	-1.281457E-03	8.803936E-03	8.703844E-03	0.0	0.0	0.0
7037	G	-5.065031E-03	8.803986E-03	1.938653E-02	0.0	0.0	0.0
7039	G	-6.091743E-03	8.799270E-03	0.0	0.0	0.0	0.0
7043	G	6.357841E-04	0.0	8.549768E-03	0.0	0.0	0.0
7047	G	-2.040004E-03	0.0	1.917135E-02	0.0	0.0	0.0
7061	G	3.785556E-03	1.616970E-02	1.878666E-03	0.0	0.0	0.0
7063	G	2.056846E-03	1.616971E-02	8.497073E-03	0.0	0.0	0.0
7067	G	8.899588E-05	1.755057E-02	1.919616E-02	0.0	0.0	0.0
7069	G	-1.843305E-03	1.753360E-02	2.343824E-02	0.0	0.0	0.0
7071	G	5.733967E-03	0.0	-7.741722E-05	0.0	0.0	0.0
7079	G	1.935910E-03	0.0	2.448447E-02	0.0	0.0	0.0
7505	G	-8.057702E-03	1.259750E-04	1.236149E-02	-5.151320E-04	3.256304E-04	-1.891788E-04
8300	G	5.007766E-03	1.869581E-02	9.859353E-03	0.0	0.0	0.0
8531	G	2.318229E-04	6.063972E-03	0.0	0.0	0.0	0.0
8533	G	-1.261457E-03	6.066568E-03	3.992016E-03	0.0	0.0	0.0
8537	G	-5.065031E-03	6.066568E-03	1.437465E-02	0.0	0.0	0.0
8539	G	-6.266352E-03	6.063122E-03	0.0	0.0	0.0	0.0
8543	G	7.314631E-04	0.0	4.090078E-03	0.0	0.0	0.0
8547	G	-1.940189E-03	0.0	1.427361E-02	0.0	0.0	0.0
8561	G	4.145585E-03	1.144142E-02	-7.174683E-04	0.0	0.0	0.0
8563	G	2.142355E-03	1.146006E-02	4.120607E-03	0.0	0.0	0.0
8567	G	3.550472E-04	1.215965E-02	1.423744E-02	0.0	0.0	0.0
8569	G	-2.294166E-03	1.215965E-02	1.761756E-02	0.0	0.0	0.0
8571	G	4.936155E-03	0.0	-2.295941E-03	0.0	0.0	0.0
8579	G	1.893829E-03	0.0	1.825821E-02	0.0	0.0	0.0
9303	G	1.698798E-04	-3.775647E-03	2.382446E-03	0.0	0.0	0.0
9307	G	-2.146077E-03	-3.776688E-03	1.059233E-02	0.0	0.0	0.0

9313	G	1.95[illegible]	-1.931315E-03	2.366901E-03	0.0	0.0	0.0
9317	G	-1.05[illegible]	1.[illegible]E-03	1.060764E-02	0.0	0.0	0.0
9331	G	6.19[illegible]	[illegible]370E-03	-5.814[illegible]E-05	0.0	0.0	0.0
9333	G	-1.19[illegible]	[illegible]497888E-03	1.991[illegible]E-03	0.0	0.0	0.0
9337	G	-5.00[illegible]	[illegible]674863E-03	1.089[illegible]E-02	0.0	0.0	0.0
9339	G	-6.34[illegible]	[illegible]682735E-03	1.361[illegible]E-02	0.0	0.0	0.0
9341	G	0.0	5.577620E-03	2.540710E-05	0.0	0.0	0.0
9343	G	8.90[illegible]	[illegible]683116E-03	1.469[illegible]E-03	0.0	0.0	0.0
9347	G	-1.87[illegible]	5.274002E-03	1.052[illegible]E-02	0.0	0.0	0.0
9349	G	0.0	5.311493E-03	1.155471E-02	0.0	0.0	0.0
9361	G	3.97[illegible]	7.479455E-03	-1.337017E-03	0.0	0.0	0.0
9363	G	1.87[illegible]	7.492959E-03	1.732143E-03	0.0	0.0	0.0
9367	G	5.28[illegible]	7.572245E-03	9.35[illegible]E-03	0.0	0.0	0.0
9369	G	-2.442935E-03	7.559381E-03	1.255239E-02	0.0	0.0	0.0
9371	G	1.966413E-03	9.303607E-03	-1.312614E-03	0.0	0.0	0.0
9373	G	0.0	9.365816E-03	1.729000E-03	0.0	0.0	0.0
9377	G	0.0	9.489674E-03	9.151552E-03	0.0	0.0	0.0
9379	G	2.828196E-04	9.453326E-03	1.174599E-02	0.0	0.0	0.0
11300	G	4.082471E-03	-1.053248E-03	-1.884392E-03	0.0	0.0	0.0
11503	G	1.943154E-03	-4.550476E-03	0.0	0.0	0.0	0.0
11507	G	-1.232975E-03	-4.550476E-03	0.0	0.0	0.0	0.0
11531	G	1.158107E-03	-4.623423E-04	0.0	0.0	0.0	0.0
11533	G	-5.247297E-04	-4.535906E-04	-2.947049E-03	0.0	0.0	0.0
11537	G	-4.136316E-03	-2.840480E-04	2.915419E-03	0.0	0.0	0.0
11539	G	-5.641746E-03	-2.479583E-04	0.0	0.0	0.0	0.0
11543	G	7.383190E-04	9.819167E-04	-2.951121E-03	0.0	0.0	0.0
11547	G	-1.769208E-03	9.819167E-04	2.923712E-03	0.0	0.0	0.0
11561	G	2.692511E-03	2.101925E-03	-2.895206E-03	0.0	0.0	0.0
11563	G	1.367514E-03	2.104414E-03	-2.951017E-03	0.0	0.0	0.0
11567	G	5.169734E-04	1.508808E-03	2.927188E-03	0.0	0.0	0.0
11569	G	-1.556252E-03	1.511143E-03	4.376031E-03	0.0	0.0	0.0
11571	G	2.732781E-03	0.0	-3.420541E-03	0.0	0.0	0.0
11579	G	2.140634E-03	0.0	4.637137E-03	0.0	0.0	0.0
11700	G	1.575125E-03	-1.771154E-03	4.022148E-03	0.0	0.0	0.0
13500	G	4.210700E-04	2.195269E-03	-3.881739E-03	0.0	0.0	0.0
13801	G	4.632730E-03	-7.860873E-03	-6.005198E-03	0.0	0.0	0.0
13803	G	2.362212E-03	-8.021127E-03	-5.552057E-03	0.0	0.0	0.0
13807	G	-1.838857E-03	-8.020733E-03	-3.314204E-03	0.0	0.0	0.0
13809	G	-4.173812E-03	-7.861700E-03	-2.741572E-03	0.0	0.0	0.0
13821	G	5.603153E-03	-7.056639E-03	-6.322674E-03	0.0	0.0	0.0
13823	G	1.507571E-03	-7.177901E-03	-5.552601E-03	0.0	0.0	0.0
13827	G	-1.764617E-03	-7.168867E-03	-3.276391E-03	0.0	0.0	0.0
13829	G	-5.335588E-03	-7.007167E-03	-2.368228E-03	0.0	0.0	0.0
13831	G	1.586121E-03	-5.344473E-03	-6.604992E-03	0.0	0.0	0.0
13833	G	1.640424E-04	-5.315438E-03	-5.547985E-03	0.0	0.0	0.0
13837	G	-2.477277E-03	-5.245335E-03	-2.972839E-03	0.0	0.0	0.0
13839	G	-4.865933E-03	-5.230017E-03	-1.948073E-03	0.0	0.0	0.0
13841	G	0.0	-3.353617E-03	-6.776731E-03	0.0	0.0	0.0
13843	G	3.354107E-04	-3.431627E-03	-5.497813E-03	0.0	0.0	0.0
13847	G	-1.286757E-03	-3.447653E-03	-2.793792E-03	0.0	0.0	0.0
13848	G	-1.250491E-03	-3.241592E-03	-2.240292E-03	0.0	0.0	0.0
13849	G	0.0	-3.192241E-03	1.283048E-04	0.0	0.0	0.0
13861	G	2.252356E-04	-1.714394E-03	-6.770302E-03	0.0	0.0	0.0
13863	G	2.137337E-04	-1.716695E-03	-5.473703E-03	0.0	0.0	0.0
13867	G	3.069702E-04	-1.422888E-03	-1.538536E-03	0.0	0.0	0.0
13869	G	-2.960030E-04	-1.409469E-03	2.660062E-04	0.0	0.0	0.0
13871	G	2.236591E-03	0.0	-6.686479E-03	0.0	0.0	0.0
13879	G	1.519705E-03	0.0	3.796869E-04	0.0	0.0	0.0
14801	G	4.632730E-03	-1.029985E-02	-5.334970E-03	0.0	0.0	0.0
14803	G	2.504873E-03	-1.006439E-02	-4.337754E-03	0.0	0.0	0.0
14807	G	-1.983108E-03	-1.011814E-02	-4.133496E-03	0.0	0.0	0.0
14809	G	-4.173812E-03	-1.036052E-02	-3.164432E-03	0.0	0.0	0.0
14821	G	5.892213E-03	-1.021744E-02	-5.845282E-03	0.0	0.0	0.0
14823	G	1.472476E-03	-1.033872E-02	-4.337754E-03	0.0	0.0	0.0
14827	G	-1.591790E-03	-1.043972E-02	-4.133496E-03	0.0	0.0	0.0
14829	G	-5.673579E-03	-1.035183E-02	-2.672936E-03	0.0	0.0	0.0

14831	G	4.0[illegible]E-04	-7.[illegible]E-05	-6.9[illegible]E-04	0.0		0.0	0.0	
14833	G	3.2[illegible]E-04	-7.[illegible]E-03	-4.9[illegible]E-03	0.0		0.0	0.0	
14837	G	-1.9[illegible]E-03	-7.[illegible]E-03	-3.[illegible]E-03	0.0		0.0	0.0	
14839	G	-4.[illegible]E-03	-7.[illegible]E-03	-1.[illegible]E-03	0.0		0.0	0.0	
14841	"	0.0	-4.[illegible]E-03	-7.[illegible]E-03	0.0		0.0	0.0	
14843	"	2.0[illegible]E-04	-4.[illegible]E-03	-5.[illegible]E-03	0.0		0.0	0.0	
14847	"	-1.2[illegible]E-03	-[illegible]E-03	-3.[illegible]E-03	0.0		0.0	0.0	
14849	"	0.0	-[illegible]E-03	-6.[illegible]E-04	0.0		0.0	0.0	
14851	"	-9.2[illegible]E-04	-1.[illegible]E-03	-8.[illegible]E-03	0.0		0.0	0.0	
14857	"	-2.[illegible]E-04	-1.[illegible]E-03	-5.[illegible]E-03	0.0		0.0	0.0	
14867	"	-3.[illegible]E-05	-[illegible]E-03	-3.[illegible]E-03	0.0		0.0	0.0	
14869	"	1.[illegible]E-04	-1.[illegible]E-03	-5.[illegible]E-05	0.0		0.0	0.0	
14881	"	1.[illegible]E-03	3.[illegible]E-03	-[illegible]E-03	0.0		0.0	0.0	
14883	"	1.[illegible]E-04	3.[illegible]E-03	-6.[illegible]E-03	0.0		0.0	0.0	
14887	"	8.[illegible]E-04	3.[illegible]E-03	-2.[illegible]E-03	0.0		0.0	0.0	
14889	"	3.[illegible]E-04	[illegible]E-03	1.[illegible]E-04	0.0		0.0	0.0	
15212	"	4.[illegible]E-03	-1.[illegible]E-03	-3.[illegible]E-03	3.[illegible]E-05		-1.[illegible]E-04	-6.[illegible]E-04	
15214	"	-3.[illegible]E-03	[illegible]E-02	-4.[illegible]E-03	5.[illegible]E-05		4.[illegible]E-04	-6.[illegible]E-04	
15221	"	1.[illegible]E-03	-1.[illegible]E-02	-4.[illegible]E-04	0.0		0.0	0.0	
15603	"	2.[illegible]E-03	-1.[illegible]E-02	-3.[illegible]E-03	0.0		0.0	0.0	
15607	"	-1.[illegible]E-03	-1.[illegible]E-03	-4.[illegible]E-03	0.0		0.0	0.0	
15609	"	-3.[illegible]E-03	-1.[illegible]E-02	-3.[illegible]E-03	0.0		0.0	0.0	
15621	"	5.[illegible]E-03	-1.[illegible]E-02	-4.[illegible]E-03	0.0		0.0	0.0	
15623	"	2.[illegible]E-03	-1.[illegible]E-02	-3.[illegible]E-03	0.0		0.0	0.0	
15625	"	7.[illegible]E-05	-1.[illegible]E-02	-3.[illegible]E-03	0.0		0.0	0.0	
15627	"	-2.[illegible]E-03	-1.[illegible]E-02	-4.[illegible]E-03	0.0		0.0	0.0	
15629	"	-5.[illegible]E-03	-1.[illegible]E-02	-3.[illegible]E-03	0.0		0.0	0.0	
15633	"	-8.[illegible]E-04	[illegible]	-4.[illegible]E-03	0.0		0.0	0.0	
15637	"	-1.[illegible]	[illegible]	-3.[illegible]	0.0		0.0	0.0	
15641	"	[illegible]	[illegible]	-1.[illegible]E-02	0.0		0.0	0.0	
15643	"	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
15645	"	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
15647	"	-2.[illegible]E-03	-2.[illegible]E-02	2.[illegible]E-03	0.0		0.0	0.0	
18601	"	3.[illegible]E-03	-2.[illegible]E-02	-1.[illegible]E-02	0.0		0.0	0.0	
18603	"	2.[illegible]E-03	-[illegible]E-02	-1.[illegible]E-02	0.0		0.0	0.0	
18607	"	-2.[illegible]E-03	-4.[illegible]E-03	2.[illegible]E-03	0.0		0.0	0.0	
18609	"	-1.[illegible]E-03	-2.[illegible]E-02	-1.[illegible]E-03	0.0		0.0	0.0	
18621	"	[illegible]E-03	-2.[illegible]E-02	-1.[illegible]E-02	0.0		0.0	0.0	
18623	"	1.[illegible]E-03	-2.[illegible]E-02	-1.[illegible]E-02	0.0		0.0	0.0	
18625	G	5.[illegible]E-04	-2.[illegible]E-02	-4.[illegible]E-03	0.0		0.0	0.0	
[illegible]	"	[illegible]	-2.[illegible]E-02	3.[illegible]E-03	0.0		0.0	0.0	
18629	"	-1.[illegible]E-03	-2.[illegible]E-02	-1.[illegible]E-02	0.0		0.0	0.0	
18631	"	1.[illegible]E-03	-2.[illegible]E-02	-1.[illegible]E-02	0.0		0.0	0.0	
18633	"	0.0	-2.[illegible]E-02	-1.[illegible]E-02	0.0		0.0	0.0	
18635	"	0.0	-2.[illegible]E-02	-4.[illegible]E-03	0.0		0.0	0.0	
18637	"	-2.3[illegible]E-03	-2.[illegible]E-02	3.[illegible]E-03	0.0		0.0	0.0	
18639	G	-5.0[illegible]E-03	-1.[illegible]E-02	1.[illegible]E-02	-1.[illegible]E-03		9.[illegible]E-05	7.[illegible]E-04	
18641	G	-1.[illegible]E-03	-1.[illegible]E-02	-2.[illegible]E-02	-1.[illegible]E-03		-3.[illegible]E-05	6.[illegible]E-04	
18642	G	-3.[illegible]E-03	-1.[illegible]E-02	-1.[illegible]E-02	-1.[illegible]E-03		-1.[illegible]E-04	5.[illegible]E-04	
18643	G	-1.[illegible]E-03	-1.[illegible]E-02	-1.[illegible]E-02	0.0		-1.[illegible]E-04	5.[illegible]E-04	
18645	G	7.[illegible]E-05	-1.[illegible]E-02	-9.[illegible]E-03	0.0		0.0	6.[illegible]E-04	
18647	G	-7.[illegible]E-04	-1.[illegible]E-02	-4.[illegible]E-03	0.0		0.0	-1.[illegible]E-04	
18648	G	-2.[illegible]E-04	-1.[illegible]E-02	1.[illegible]E-04	0.0		0.0	-5.[illegible]E-05	
18649	G	1.[illegible]E-03	-1.[illegible]E-02	5.[illegible]E-03	0.0		1.[illegible]E-04	2.[illegible]E-04	
18651	G	8.[illegible]E-04	-1.[illegible]E-02	9.[illegible]E-02	-1.[illegible]E-03		4.[illegible]E-05	3.[illegible]E-04	
18652	G	1.[illegible]E-03	-1.[illegible]E-02	1.[illegible]E-02	-1.[illegible]E-03		-8.[illegible]E-05	4.[illegible]E-04	
18653	G	-4.[illegible]E-03	-1.[illegible]E-02	-2.[illegible]E-02	-1.[illegible]E-03		1.[illegible]E-04	6.[illegible]E-04	
18654	G	-3.[illegible]E-04	-1.[illegible]E-02	-1.[illegible]E-02	-1.[illegible]E-03		1.[illegible]E-04	6.[illegible]E-04	
18656	G	7.[illegible]E-03	-1.[illegible]E-02	-1.[illegible]E-02	-1.[illegible]E-03		1.[illegible]E-04	6.[illegible]E-04	
18657	G	1.[illegible]E-03	-1.[illegible]E-02	-1.[illegible]E-02	-1.[illegible]E-03		1.[illegible]E-04	6.[illegible]E-04	
18658	G	-3.[illegible]E-03	-1.[illegible]E-02	-1.[illegible]E-02	-1.[illegible]E-03		1.[illegible]E-04	6.[illegible]E-04	
18659	G	6.[illegible]E-03	-1.[illegible]E-02	-1.[illegible]E-02	-1.[illegible]E-03		1.[illegible]E-04	6.[illegible]E-04	
18661	G	4.[illegible]E-04	-1.[illegible]E-02	-1.[illegible]E-02	-1.[illegible]E-03		1.[illegible]E-04	6.[illegible]E-04	

18661	G	-3.3071616-03	-1.0263386-03	-2.098879E-02	-1.392069E-03	3.382554E-04	2.360682E-05
18662	G	-3.374442E-03	-1.172093E-03	-1.876952E-02	-1.033345E-03	3.302277E-04	1.965179E-04
18663	G	-2.310273E-03	-1.353011E-03	-1.509397E-02	-8.822293E-04	3.222220E-04	2.318923E-04
18664	G	-3.021861E-04	-1.682355E-03	-9.396628E-03	0.0	0.0	2.189332E-04
18665	G	3.170255E-04	-1.794872E-03	-4.633393E-03	0.0	0.0	1.807924E-04
18666	G	9.801647E-04	-1.742352E-03	1.205454E-04	0.0	0.0	6.139495E-05
18667	G	9.725203E-04	-1.486537E-03	5.755950E-03	-8.848261E-04	-1.382633E-04	-7.092836E-05
18668	G	6.607976E-04	-1.334549E-03	9.382334E-03	-1.022826E-03	-1.657633E-04	-1.168333E-04
18669	G	2.707974E-04	-1.211524E-03	1.156196E-02	-1.334295E-03	-1.933393E-04	-2.824238E-04
18681	G	1.421610E-03	9.289939E-03	-2.042888E-02	0.0	0.0	0.0
18683	G	1.553753E-03	9.207275E-03	-1.527362E-02	-8.822293E-04	3.122464E-04	-9.113963E-05
18685	G	4.666634E-04	8.924346E-03	-4.658200E-03	0.0	0.0	0.0
18687	G	-7.019548E-04	9.104829E-03	5.897421E-03	-8.848261E-04	-1.352631E-04	-9.113963E-05
18689	G	-9.467849E-04	9.172723E-03	1.096209E-02	0.0	0.0	0.0
18981	G	1.635741E-03	8.474495E-03	-1.562444E-02	0.0	-8.401182E-05	-2.942914E-04
18987	G	-7.925027E-04	8.377723E-03	6.024487E-03	0.0	3.932811E-05	-2.915461E-04
19741	G	-5.181629E-03	-1.888987E-02	-1.330850E-02	-1.238978E-03	1.094068E-04	3.106799E-04
19742	G	-3.029902E-03	-1.888252E-02	-1.540819E-02	-9.235607E-04	-1.499751E-04	2.541195E-04
19743	G	-2.536190E-03	-1.874758E-02	-1.342146E-02	0.0	-1.508410E-04	2.029646E-04
19745	G	-1.390003E-03	-1.854651E-02	-5.255323E-03	0.0	0.0	1.103560E-04
19747	G	4.099032E-04	-1.873409E-02	3.087580E-03	0.0	6.298812E-06	1.610233E-04
19748	G	-1.996824E-05	-1.885154E-02	5.180325E-03	-9.690491E-04	2.810023E-05	2.002791E-04
19749	G	1.620308E-03	-1.874[.1E-02	1.332258E-02	-1.245891E-03	-1.171383E-04	2.407320E-04
19751	G	-4.785120E-03	-8.338619E-03	-2.330912E-02	-1.328994E-03	-3.982353E-05	1.284974E-05
19752	G	-4.048724E-03	-9.089585E-03	-1.546124E-02	-9.266285E-04	-8.271579E-05	1.381771E-04
19758	G	6.474825E-05	-9.194341E-03	5.225461E-03	-9.648793E-04	-3.982126E-05	1.679225E-04
19759	G	1.068744E-03	-8.562397E-03	1.331218E-02	-1.332870E-03	-1.413894E-05	5.839905E-05
19761	G	-4.972450E-03	-6.303322E-03	-2.328610E-02	-9.458088E-04	-9.379174E-05	9.685986E-05
19762	G	-4.207525E-03	-6.551668E-03	-1.549174E-02	-1.032293E-03	-5.942163E-05	1.062681E-04
19763	G	-3.923077E-03	-6.667804E-03	-1.335236E-02	0.0	-1.191903E-04	1.540177E-04
19765	G	-2.270869E-03	-6.842963E-03	-5.302522E-03	0.0	0.0	2.409379E-04
19767	G	-4.592771E-04	-6.684419E-03	3.030699E-03	0.0	-2.137217E-05	1.942765E-04
19768	G	-7.526360E-05	-6.584488E-03	5.251326E-03	-1.063247E-03	-6.157097E-05	1.578838E-04
19769	G	1.094058E-03	-6.369587E-03	1.329397E-02	-9.884131E-04	2.229810E-05	1.504314E-04
21183	G	1.813321E-03	-6.373070E-03	-1.060499E-02	0.0	3.088661E-04	-9.609230E-04
21187	G	-1.038014E-03	-6.328456E-03	3.857829E-03	0.0	-5.586361E-05	-9.521253E-04
21321	G	-6.702105E-04	-3.132768E-02	-1.339447E-02	0.0	0.0	0.0
21323	G	3.452296E-04	-3.125781E-02	-9.583175E-03	0.0	0.0	0.0
21325	G	1.106911E-03	-3.125045E-02	-3.664634E-03	0.0	0.0	0.0
21327	G	1.650246E-03	-3.131945E-02	2.307668E-03	0.0	0.0	0.0
21329	G	3.001275E-03	-3.143083E-02	6.236173E-03	0.0	0.0	0.0
21341	G	-5.217306E-03	-2.398499E-02	-1.446066E-02	-8.588093E-04	4.148629E-05	1.393495E-04
21343	G	-4.368588E-03	-2.398022E-02	-1.103949E-02	0.0	3.883270E-05	1.628008E-04
21345	G	-1.748280E-03	-2.397744E-02	-3.719618E-03	0.0	-1.749009E-05	2.451388E-04
21347	G	8.240573E-04	-2.406480E-02	3.655458E-03	0.0	-7.336290E-05	1.548054E-04
21349	G	1.625570E-03	-2.409134E-02	7.102143E-03	-8.202170E-04	-7.646647E-05	1.304565E-04
21361	G	-7.297616E-03	-1.792210E-02	-1.471503E-02	0.0	0.0	0.0
21363	G	-5.835079E-03	-1.802778E-02	-1.147118E-02	-7.730452E-04	6.226897E-04	0.0
21364	G	-4.900210E-03	-1.805651E-02	-6.974783E-03	0.0	0.0	0.0
21366	G	-1.289551E-03	-1.808198E-02	-4.970888E-04	0.0	0.0	0.0
21367	G	5.535583E-04	-1.807180E-02	4.009664E-03	-7.747766E-04	-1.292408E-04	0.0
21369	G	2.190163E-03	-1.801708E-02	7.386830E-03	0.0	0.0	0.0
21383	G	1.801871E-03	-8.532599E-03	-1.158170E-02	-7.200604E-04	5.772805E-04	-9.790049E-04
21387	G	-1.035902E-03	-8.468401E-03	4.057918E-03	-7.424261E-04	-1.208644E-04	-9.702197E-04
21485	G	0.0	-9.465635E-03	-4.072838E-03	-5.964187E-04	0.0	0.0
21801	G	1.216349E-03	-3.371166E-02	-1.073685E-02	0.0	0.0	0.0
21803	G	2.233913E-03	-3.480534E-02	-7.553827E-03	0.0	0.0	0.0
21807	G	2.492789E-03	-3.486513E-02	2.275097E-03	0.0	0.0	0.0
21809	G	3.164313E-03	-3.377846E-02	5.344439E-03	0.0	0.0	0.0
21821	G	-8.952972E-04	-2.995040E-02	-1.216701E-02	0.0	0.0	0.0
21823	G	1.398387E-04	-3.006134E-02	-8.494202E-03	0.0	0.0	0.0
21825	G	1.170205E-03	-3.017219E-02	-2.657846E-03	0.0	0.0	0.0
21827	G	2.052177E-03	-3.014082E-02	3.124403E-03	0.0	0.0	0.0
21829	G	3.287388E-03	-3.009169E-02	6.647360E-03	0.0	0.0	0.0
22312	G	5.913684E-04	-3.178301E-02	-9.322818E-03	0.0	0.0	0.0
22318	G	3.252364E-03	-3.173093E-02	5.286861E-03	0.0	0.0	0.0

22701	G	9.807036E-04	-3.193604E-02	-8.209303E-03	0.0	0.0	0.0
22703	G	2.310552E-03	-3.297492E-02	-5.467884E-03	0.0	0.0	0.0
22707	G	2.801344E-03	-3.295542E-02	2.794497E-03	0.0	0.0	0.0
22709	G	3.614518E-03	-3.193357E-02	5.596213E-03	0.0	0.0	0.0
22721	G	-1.169401E-03	-2.843151E-02	-9.775281E-03	0.0	0.0	0.0
22723	G	5.534822E-05	-2.655571E-02	-6.555546E-03	0.0	0.0	0.0
22725	G	1.332566E-03	-2.655404E-02	-1.347152E-03	0.0	0.0	0.0
22727	G	2.250473E-03	-2.856193E-02	3.904288E-03	0.0	0.0	0.0
22729	G	3.624158E-03	-2.840286E-02	7.077492E-03	0.0	0.0	0.0
23100	G	-1.819144E-03	-2.266365E-02	-1.382140E-04	0.0	0.0	0.0
25001	G	-4.944333E-04	-2.525960E-02	-5.511593E-04	0.0	0.0	0.0
25003	G	1.018147E-03	-2.608727E-02	1.087874E-03	0.0	0.0	0.0
25007	G	4.436284E-03	-2.590835E-02	6.341137E-03	0.0	0.0	0.0
25009	G	6.200220E-03	-2.513716E-02	8.434564E-03	0.0	0.0	0.0
25021	G	-3.102070E-03	-2.242414E-02	-2.075929E-03	0.0	0.0	0.0
25025	G	1.648852E-03	-2.233739E-02	4.645411E-03	0.0	0.0	0.0
25029	G	6.269921E-03	-2.231133E-02	9.687673E-03	0.0	0.0	0.0
25041	G	-7.932354E-03	-1.610008E-02	-2.3[illegible]E-03	0.0	0.0	0.0
25045	G	0.0	-1.582933E-02	5.661776E-03	0.0	0.0	0.0
25049	G	5.205851E-03	-1.546282E-02	9.812020E-03	0.0	0.0	0.0
25061	G	-1.000610E-02	-1.152378E-02	-2.346237E-[illegible]	0.0	0.0	0.0
25065	G	-2.991456E-03	-1.165176E-02	7.095678E-[illegible]	0.0	0.0	0.0
25069	G	3.153894E-03	-1.159950E-02	9.546535E-03	0.0	0.0	0.0
26801	G	1.358082E-04	-1.716203E-02	5.081364E-03	0.0	0.0	0.0
26809	G	5.260926E-03	-1.712885E-02	9.263948E-03	0.0	0.0	0.0
26821	G	-4.511062E-03	-1.405257E-02	2.913670E-03	0.0	0.0	0.0
26825	G	2.022528E-03	-1.407609E-02	7.595390E-03	0.0	0.0	0.0
26829	G	8.364320E-03	-1.404869E-02	1.208556E-02	0.0	0.0	0.0
26841	G	-6.187134E-03	-8.510843E-03	2.853928E-03	0.0	0.0	0.0
26845	G	0.0	-8.445323E-03	7.618355E-03	0.0	0.0	0.0
26849	G	5.640842E-03	-8.451629E-03	1.214196E-02	0.0	0.0	0.0
26861	G	-1.099914E-02	-3.852154E-03	2.824134E-03	0.0	0.0	0.0
26865	G	-3.099211E-03	-3.885693E-03	7.692330E-03	0.0	0.0	0.0
26869	G	4.428215E-03	-3.899056E-03	1.216102E-02	0.0	0.0	0.0
29905	G	3.530331E-03	7.983403E-03	1.452337E-02	0.0	0.0	0.0
29921	G	-5.643770E-03	9.041045E-03	1.150760E-02	0.0	0.0	0.0
29925	G	2.455182E-03	8.904632E-03	1.445411E-02	0.0	0.0	0.0
29929	G	1.192009E-02	9.041045E-03	1.744681E-02	0.0	0.0	0.0
29941	G	-8.592900E-03	1.174929E-02	1.078632E-02	0.0	0.0	0.0
29945	G	0.0	1.173542E-02	1.425679E-02	0.0	0.0	0.0
29949	G	8.122146E-03	1.174545E-02	1.770379E-02	0.0	0.0	0.0
29961	G	-1.171518E-02	1.449735E-02	1.135445E-02	0.0	0.0	0.0
29965	G	-2.901336E-03	1.450371E-02	1.410474E-02	0.0	0.0	0.0
29969	G	6.393861E-03	1.449705E-02	1.718007E-02	0.0	0.0	0.0
30045	G	1.944411E-04	1.186592E-02	1.430530E-02	-2.492119E-04	-2.161321E-04	7.367390E-04
31745	G	5.968267E-05	2.727128E-02	1.812811E-02	-1.691335E-04	-2.028397E-04	9.284175E-04
33845	G	-8.317154E-05	4.872113E-02	2.212352E-02	-3.213553E-05	-1.769717E-04	1.098546E-03
35945	G	-1.631714E-04	7.319629E-02	2.534477E-02	1.486088E-04	-1.286400E-04	1.236551E-03
38 5	G	-1.531622E-04	9.956408E-02	2.721239E-02	3.921601E-04	-4.803840E-05	1.301890E-03
4[illegible]41	G	-4.596907E-02	1.259515E-01	5.704254E-02	1.104420E-03	7.884983E-05	1.633022E-03
40142	G	-2.934932E-02	1.259515E-01	4.513477E-02	1.064728E-03	7.884983E-05	1.537358E-03
40143	G	-1.293731E-02	1.259515E-01	3.424324E-02	8.577646E-04	7.884983E-05	1.377291E-03
40145	G	-4.916329E-06	1.259555E-01	2.691696E-02	7.104503E-04	7.881357E-05	1.276423E-03
40147	G	1.292679E-02	1.259515E-01	1.985834E-02	6.732424E-04	7.883317E-05	1.376802E-03
40148	G	2.932935E-02	1.259515E-01	1.252569E-02	6.410847E-04	7.883317E-05	1.536235E-03
40149	G	4.593483E-02	1.259515E-01	6.004229E-03	6.218655E-04	7.883317E-05	1.631520E-03
42245	G	1.375835E-04	1.503440E-01	2.350737E-02	1.109876E-03	2.474070E-04	1.162285E-03
44345	G	9.398146E-04	1.707396E-01	1.602788E-02	1.668151E-03	4.672729E-04	9.515102E-04
45245	G	1.294576E-03	1.777499E-01	1.128257E-02	1.997498E-03	5.758945E-04	8.160579E-04
46445	G	1.443799E-03	1.846238E-01	3.665169E-03	2.467098E-03	7.100671E-04	6.210210E-04
48045	G	1.336801E-02	1.876008E-01	-8.133985E-03	3.589206E-03	7.575748E-04	-5.171050E-04
48845	G	2.000272E-02	9.803301E-02	-1.492133E-02	4.140642E-03	8.081568E-04	-1.072347E-03
49745	G	2.715568E-02	4.855278E-02	-2.223800E-02	4.646000E-03	8.533839E-04	-1.576033E-03
50645	G	3.463177E-02	-8.816980E-03	-2.989088E-02	5.060118E-03	8.860615E-04	-1.981271E-03
51545	G	4.238520E-02	-7.287049E-02	-3.780704E-02	5.412318E-03	9.137837E-04	-2.320066E-03
52045	G	5.052849E-02	-1.342533E-01	-4.260513E-02	5.484376E-03	9.262038E-04	-2.699693E-03

61912	G	-1.2[illegible]E-03	[illegible]E-04	-2.33[illegible]E-02	-1.52[illegible]E-03	3.447598E-04	-5.742340E-05
61913	G	-1.[illegible]E-03	[illegible]E-03	-2.309544E-02	-1.527166E-03	3.447598E-04	1.901436E-04
61914	G	-4.[illegible]E-03	[illegible]E-03	-2.309544E-02	-1.527166E-03	3.447598E-04	2.582448E-04
61916	G	-5.[illegible]E-03	[illegible]E-02	-2.293444E-02	-1.463307E-03	1.356446E-04	7.244684E-04
61917	G	-5.[illegible]E-03	[illegible]E-02	-2.293444E-02	-1.463307E-03	1.356446E-04	-1.003501E-04
61918	G	-6.[illegible]E-03	[illegible]E-02	-2.293444E-02	-1.463307E-03	1.356446E-04	8.542920E-04
61922	G	-4.[illegible]E-03	[illegible]E-03	-2.547437E-02	-1.676833E-03	-2.586115E-05	7.254805E-05
61923	G	-4.[illegible]E-03	[illegible]E-03	-2.547437E-02	-1.676833E-03	-2.586115E-05	-2.851186E-05
61924	G	-4.[illegible]E-03	[illegible]E-03	-2.547437E-02	-1.676833E-03	-2.586115E-05	1.663945E-04
61926	G	-5.[illegible]E-03	[illegible]E-02	-2.555416E-02	-1.679524E-03	1.333503E-04	-1.873863E-04
61927	G	-5.[illegible]E-03	[illegible]E-02	-2.555416E-02	-1.679524E-03	1.333503E-04	8.494190E-04
61928	G	-5.808946E-03	[illegible]E-02	-2.555416E-02	-1.679524E-03	1.333503E-04	-2.859421E-04
61934	G	-5.[illegible]E-03	[illegible]E-02	-1.781514E-02	-2.944557E-03	4.182907E-05	-9.544116E-05
61935	G	-5.433511E-03	-2.[illegible]E-02	1.781514E-02	-2.944557E-03	4.182907E-05	1.330202E-04
61936	G	-5.[illegible]E-03	-2.[illegible]E-02	1.781514E-02	-2.944557E-03	4.182907E-05	5.037645E-04
62211	G	-4.534550E-03	3.[illegible]E-03	-2.958940E-02	0.0	0.0	0.0
62213	G	-4.663069E-03	-1.385551E-03	-2.960436E-02	-2.315651E-03	5.344594E-04	8.135232E-04
62217	G	-5.198229E-03	-1.391637E-02	-2.993852E-02	-2.603751E-03	4.[illegible]E-04	-2.379736E-04
62219	G	-5.285542E-03	-1.816836E-02	-2.99[illegible]E-02	0.0	0.0	0.0
62221	G	-5.117834E-03	-2.1[illegible]E-03	-3.079[illegible]E-02	-3.044130E-03	-4.231476E-04	1.485942E-05
62224	G	-5.099315E-03	-8.193098E-03	-3.082333E-02	-2.148530E-03	3.244383E-04	1.505374E-04
62226	G	-5.114853E-03	-1.886665E-02	-3.092596E-02	-2.104634E-03	2.886150E-04	-1.734470E-04
62229	G	-5.077507E-03	-2.313189E-02	-3.[illegible]E-02	-2.649368E-03	-3.296302E-04	-2.087935E-04
62231	G	-5.006664E-03	-1.981192E-02	-2.876766E-02	-2.778469E-03	1.522917E-04	-6.756702E-05
62239	G	-4.981386E-03	-2.600115E-02	-2.874886E-02	-3.664569E-03	-4.391951E-04	-1.738779E-04
62811	G	-4.634820E-03	3.644957E-03	-4.394667E-02	0.0	0.0	0.0
62819	G	-4.775137E-03	-1.656217E-02	-4.396237E-02	0.0	0.0	0.0
62821	G	-4.824895E-03	-1.660913E-03	-4.455341E-02	0.0	0.0	0.0
62829	G	-4.689753E-03	-2.229128E-02	-4.450237E-02	0.0	0.0	0.0
62831	G	-4.739907E-03	-1.693245E-02	-4.378812E-02	0.0	0.0	0.0
62839	G	-4.599359E-03	-2.423482E-02	-4.380386E-02	0.0	0.0	0.0
63411	G	-4.122611E-03	4.438553E-03	-5.823329E-02	0.0	0.0	0.0
63419	G	-4.493766E-03	-1.588354E-02	-5.821697E-02	0.0	0.0	0.0
63421	G	-4.[illegible]60262E-03	-1.110831E-03	-5.869764E-02	0.0	0.0	0.0
63429	G	-4.398949E-03	-2.134231E-02	-5.872472E-02	0.0	0.0	0.0
63431	G	-4.406925E-03	-1.719581E-02	-5.859356E-02	0.0	0.0	0.0
63439	G	-4.342332E-03	-2.261460E-02	-5.860702E-02	0.0	0.0	0.0
64211	G	-4.090082E-03	5.493775E-03	-8.047587E-02	0.0	0.0	0.0
64219	G	-4.357822E-03	-1.435497E-02	-8.042902E-02	0.0	0.0	0.0
64221	G	-4.284918E-03	-2.424076E-04	-8.059025E-02	0.0	0.0	0.0
64229	G	-4.217301E-03	-1.975051E-02	-8.060698E-02	-2.618572E-03	1.866287E-05	-5.661536E-04
64231	G	-4.233893E-03	-1.501610E-02	-8.032930E-02	0.0	0.0	0.0
64239	G	-4.146140E-03	-2.043764E-02	-8.034128E-02	0.0	0.0	0.0
65011	G	-4.770745E-03	6.429404E-03	-1.043868E-01	0.0	0.0	0.0
65019	G	-4.648134E-03	-1.217963E-02	-1.043271E-01	0.0	0.0	0.0
65021	G	-4.782151E-03	6.444301E-04	-1.038555E-01	0.0	0.0	0.0
65029	G	-4.426408E-03	-1.784836E-02	-1.038343E-01	0.0	0.0	0.0
65031	G	-4.492547E-03	-1.265981E-02	-1.030734E-01	0.0	0.0	0.0
65039	G	-4.328493E-03	-1.820686E-02	-1.030803E-01	0.0	0.0	0.0
65911	G	-5.942672E-03	6.998830E-03	-1.300802E-01	0.0	0.0	0.0
65919	G	-5.258828E-03	-9.120286E-03	-1.303465E-01	0.0	0.0	0.0
65921	G	-5.749848E-03	1.031134E-03	-1.287475E-01	0.0	0.0	0.0
65929	G	-4.964907E-03	-1.539367E-02	-1.288279E-01	-2.989995E-03	-1.737590E-04	-7.178008E-04
65931	G	-5.169015E-03	-1.024409E-02	-1.272417E-01	0.0	0.0	0.0
65939	G	-4.877862E-03	-1.572504E-02	-1.272424E-01	0.0	0.0	0.0
71912	G	-1.740791E-04	-5.718569E-04	1.355848E-02	-1.451362E-03	-2.156823E-04	-3.567853E-04
71913	G	1.035042E-04	-2.439759E-03	1.355848E-02	-1.451362E-03	-2.156823E-04	2.620858E-04
71914	G	3.608128E-04	-4.171230E-03	1.355848E-02	-1.451362E-03	-2.156823E-04	-7.275047E-05
71916	G	1.986001E-03	-1.146982E-02	1.341290E-02	-1.393141E-03	-1.671927E-04	4.244400E-04
71917	G	2.153361E-03	-1.286435E-02	1.341290E-02	-1.393141E-03	-1.671927E-04	-3.481966E-04
71918	G	2.352153E-03	-1.432079E-02	1.341290E-02	-1.393141E-03	-1.671927E-04	5.436277E-04
71922	G	1.098717E-03	-6.528672E-03	1.545304E-02	-1.629433E-03	-2.293436E-05	-9.532499E-06
71923	G	1.118900E-03	-7.962573E-03	1.545304E-02	-1.629433E-03	-2.293436E-05	2.233041E-05
71924	G	1.137476E-03	-9.282414E-03	1.545304E-02	-1.629433E-03	-2.293436E-05	3.380723E-05
71926	G	1.911484E-03	-1.811875E-02	1.552062E-02	-1.793724E-03	-1.338479E-04	-2.531323E-04
71927	G	2.002501E-03	-1.933848E-02	1.552062E-02	-1.793724E-03	-1.338479E-04	2.723001E-04

71926	G	[illegible]	[illegible]	1.552362E-02	-1.743724E-03	-1.338470E-04	[illegible]
71934	G	1.778170E-03	[illegible]	1.037773E-02	-2.596301E-03	-7.681535E-05	-1.624000E-04
71935	G	1.827331E-03	2.416333E-02	1.037773E-02	-2.596301E-03	-7.681535E-05	1.284243E-04
71936	G	1.881102E-03	2.598023E-02	1.037773E-02	-2.596301E-03	-7.681535E-05	-2.764930E-04
72211	G	5.031844E-04	7.451240E-03	1.951685E-02	0.0	0.0	0.0
72213	G	6.967776E-04	-1.732192E-03	1.953054E-02	-2.143646E-03	-4.724830E-04	1.426557E-04
72217	G	1.283112E-03	-1.358036E-02	1.982626E-02	-2.356925E-03	-4.399105E-04	-2.856934E-04
72219	G	1.373417E-03	-1.744174E-02	1.982642E-02	0.0	0.0	0.0
72221	G	1.382711E-03	-1.363108E-03	2.068833E-02	-2.743133E-03	2.560769E-04	-5.263499E-05
72224	G	1.171788E-03	-8.658726E-03	2.071169E-02	-2.837709E-03	-2.280344E-04	2.592917E-05
72226	G	1.238850E-03	-1.864171E-02	2.080011E-02	-1.981334E-03	-3.048347E-04	-2.364387E-04
72229	G	1.242867E-03	-2.263746E-02	2.082083E-02	-2.447633E-03	3.056186E-04	-2.621100E-04
72231	G	1.142276E-03	-2.044253E-02	1.947932E-02	-2.431763E-03	-1.908130E-04	-1.336352E-04
72239	G	1.082469E-03	-2.593499E-02	1.946697E-02	-3.297119E-03	-2.410731E-05	-2.564566E-04
72411	G	3.112613E-04	2.810925E-03	3.281154E-02	0.0	0.0	0.0
72819	G	5.249877E-04	-1.603708E-02	3.281206E-02	0.0	0.0	0.0
72821	G	4.858065E-04	-2.707083E-03	3.342275E-02	0.0	0.0	0.0
72829	G	4.712567E-04	-2.186268E-02	3.337391E-02	0.0	0.0	0.0
72931	G	4.768504E-04	-1.928461E-02	3.295522E-02	0.0	0.0	0.0
72939	G	3.857349E-04	-2.442111E-02	3.296032E-02	0.0	0.0	0.0
73411	G	-4.833729E-04	3.436441E-03	4.607636E-02	0.0	0.0	0.0
73419	G	-1.418122E-04	-1.540899E-02	4.636142E-02	0.0	0.0	0.0
73421	G	-2.717981E-04	-2.511281E-03	4.649982E-02	0.0	0.0	0.0
73429	G	-2.249021E-04	-2.100765E-02	4.652424E-02	0.0	0.0	0.0
73431	G	-2.343881E-04	-1.807402E-02	4.641780E-02	0.0	0.0	0.0
73439	G	-2.866434E-04	-2.300115E-02	4.642440E-02	0.0	0.0	0.0
74211	G	-1.019317E-03	4.257191E-03	6.661409E-02	0.0	0.0	0.0
74219	G	-8.776227E-04	-1.404211E-02	6.657082E-02	0.0	0.0	0.0
74221	G	-8.723765E-04	-1.671496E-03	6.659323E-02	0.0	0.0	0.0
74229	G	-1.033660E-03	-1.954592E-02	6.660742E-02	-2.405928E-03	-3.843149E-06	-5.827611E-04
74231	G	-1.083177E-03	-1.612348E-02	6.618119E-02	0.0	0.0	0.0
74239	G	-1.108816E-03	-2.156058E-02	6.617959E-02	0.0	0.0	0.0
75011	G	-9.377036E-04	4.969705E-03	8.856701E-02	0.0	0.0	0.0
75019	G	-1.256096E-03	-1.212645E-02	8.851206E-02	0.0	0.0	0.0
75021	G	-9.912793E-04	-1.014327E-03	8.781332E-02	0.0	0.0	0.0
75029	G	-1.505298E-03	-1.792840E-02	8.779317E-02	0.0	0.0	0.0
75031	G	-1.400655E-03	-1.402044E-02	8.678204E-02	0.0	0.0	0.0
75039	G	-1.603896E-03	-1.905436E-02	8.678782E-02	0.0	0.0	0.0
75911	G	-6.414730E-04	5.348604E-03	1.120815E-01	0.0	0.0	0.0
75919	G	-1.317108E-03	-9.466051E-03	1.123217E-01	0.0	0.0	0.0
75921	G	-7.927513E-04	-7.793554E-04	1.104159E-01	0.0	0.0	0.0
75929	G	-1.704666E-03	-1.580666E-02	1.104731E-01	-2.732264E-03	2.115212E-04	-7.277836E-04
75931	G	-1.444917E-03	-1.185101E-02	1.086183E-01	0.0	0.0	0.0
75939	G	-1.785216E-03	-1.581878E-02	1.086161E-01	0.0	0.0	0.0
122403	G	-6.764751E-03	-4.341675E-02	1.246831E-02	-2.947114E-04	3.004845E-04	8.727279E-04
123467	G	1.913824E-03	-1.750966E-02	8.119076E-03	0.0	0.0	0.0
123487	G	2.403786E-04	-3.596905E-02	[illegible]269559E-02	0.0	0.0	0.0
124800	G	-6.764751E-03	-2.255856E-02	[illegible]286735E-03	-2.947114E-04	3.004845E-04	8.727279E-04
125063	G	-8.623950E-03	-1.152378E-02	-4.[illegible]63330E-04	0.0	0.0	0.0
125065	G	-2.256669E-03	-1.165176E-02	7.[illegible]39609E-03	0.0	0.0	0.0
125067	G	1.943032E-03	-1.159950E-02	9.546585E-[illegible]	0.0	0.0	0.0
125383	G	-1.867402E-02	-1.954959E-02	2.290943E-04	0.0	0.0	0.0
125387	G	1.801927E-03	-1.954959E-02	7.143613E-03	0.0	[illegible]	0.0
126863	G	-8.434732E-03	-3.852154E-03	4.404385E-03	0.0	[illegible]	0.0
126867	G	1.964730E-03	-3.899056E-03	1.071243E-02	0.0	[illegible]	0.0
127200	G	-6.764751E-03	-9.149148E-04	-2.165277E-03	-2.947114[illegible]	[illegible]845E-04	8.727279E-04
189073	G	4.967860E-03	5.574957E-03	-9.279951E-03	-3.[illegible]9961E-05	-3.581550E-04
189077	G	-3.916476E-03	5.574937E-03	-1.173361E-03	-3.2[illegible]4961E-05	-3.581550E-04
200073	G	3.537729E-04	-5.376462E-04	-5.441564E-03	-3.27[illegible]8961E-05	-3.581550E-04
200078	G	5.156926E-04	1.971919E-03	-5.441684E-03	-3.27[illegible]8961E-05	-3.581550E-04
200079	G	5.473956E-04	2.456049E-03	-5.445402E-03	-3.[illegible].144766E-05	-3.581550E-04
200086	G	7.387563E-04	5.241178E-03	-5.454443E-03	-3.[illegible]2.526857E-05	-3.581550E-04
200087	G	7.620817E-04	6.793197E-03	-5.454443E-03	-3.[illegible]2.145024E-05	-3.581550E-04
200095	G	9.335123E-04	8.107062E-03	-5.465433E-03	-2.[illegible]759450E-05	-3.581550E-04
200096	G	8.888852E-04	7.601764E-03	-5.465433E-03	-3.[illegible]..427337E-05	-3.581550E-04
200101	G	1.009489E-03	9.412065E-03	-5.472559E-03	-1.804[illegible]	9.990054E-06	-3.581550E-04

200106		1.041480E-03	1.013223E-02	-5.445933E-03	-7.860613E-05	1.750426E-06	-3.581550E-04
200114		1.009030E-03	1.013552E-02	-5.536327E-03	6.783609E-05	-9.713521E-05	-3.581550E-04
200121		9.055953E-04	9.248521E-03	-5.523607E-03	1.837274E-04	-1.751649E-05	-3.581550E-04
200129		7.107283E-04	7.316470E-03	-5.543701E-03	2.440730E-04	-2.476311E-05	-3.581550E-04
200137		4.523706E-04	4.626736E-03	-5.543698E-03	3.731491E-04	-3.538975E-05	-3.581550E-04
200145		1.515837E-04	1.630715E-03	-5.543698E-03	4.204886E-04	-3.935715E-05	-3.581550E-04
200153		-1.603969E-04	-1.410659E-03	-5.543698E-03	4.356389E-04	-4.062687E-05	-3.581550E-04
200155		-2.501819E-04	-2.473418E-03	-5.543698E-03	4.356389E-04	-4.062687E-05	-3.581550E-04
211001		8.502781E-02	1.426038E 00	-1.374769E 00	4.817550E-02	-1.179224E-02	-1.135921E-02
211002		-8.333355E-02	1.459683E 00	1.394317E 00	4.918764E-02	1.197299E-02	-1.165823E-02
211073		4.947863E-03	-2.223660E-03	-9.745818E-03	-3.275510E-04	2.138961E-05	-3.581550E-04
211077		-3.916476E-03	-2.225660E-03	-1.638927E-03	-3.275510E-04	2.138961E-05	-3.581550E-04
214075		5.156926E-04	-3.221331E-03	-5.751433E-03	-3.275510E-05	2.138961E-05	-3.581550E-04
214901		8.502781E-02	9.781447E-01	-9.098018E-01	4.817550E-02	-1.179224E-02	-1.135921E-02
214902		-8.333355E-02	1.000030E 00	9.222219E-01	4.918764E-02	1.197299E-02	-1.165823E-02
215101		-1.945794E-02	9.132514E-02	-3.740699E-01	3.588828E-02	-7.837836E-03	-4.312180E-03
215102		2.131778E-02	9.459007E-02	3.751715E-01	3.668938E-02	7.979866E-03	-4.496693E-03
215201		-3.971469E-03	-1.266633E-02	-4.631292E-03	8.467354E-03	-3.488166E-03	-9.626744E-04
215202		4.334997E-03	-1.266581E-02	-3.776093E-03	8.831794E-03	3.624500E-03	-1.045265E-03
222001		8.459944E-02	1.540232E-01	-1.418594E-01	1.390560E-02	-9.097774E-03	-8.426834E-03
222002		-8.284633E-02	1.567413E-01	1.400337E-01	1.413706E-02	9.300489E-03	-8.623041E-03
222201		9.653795E-03	-2.077465E-02	-2.904764E-02	4.017595E-03	-5.009204E-03	-1.986 9E-03
222202		-1.874779E-03	-2.070157E-02	2.540911E-02	4.057765E-03	5.191106E-03	-2.062968E-03
222301		3.752364E-03	-3.173093E-02	5.296861E-03	2.543146E-04	-2.069968E-03	-1.554673E-04
222302		5.913684E-04	-3.178301E-02	-9.322818E-03	2.599468E-04	2.247069E-03	-1.862638E-04
223401		8.459 44E-02	3.141272E-02	-9.486772E-03	1.390560E-02	-9.097774E-03	-8.426834E-03
223402		-8.284633E-02	3.127594E-02	4.711475E-03	1.413706E-02	9.300489E-03	-8.623041E-03
520018		5.538106E-02	-1.342534E-01	-3.273719E-02	5.480677E-03	9.262008E-04	-2.690972E-03
520024		5.704960E-02	-1.342534E-01	-2.933925E-02	5.480278E-03	9.262008E-04	-2.691620E-03
520057		6.600744E-02	-1.342555E-01	-1.135723E-02	5.547956E-03	9.262008E-04	-2.855758E-03
520065		6.821936E-02	-1.342559E-01	-7.123102E-03	5.596302E-03	9.262008E-04	-2.969795E-03
520068		6.932908E-02	-1.342561E-01	-5.047891E-03	5.621441E-03	9.262008E-04	-3.029540E-03
520079		7.269245E-02	-1.342638E-01	1.061865E-03	5.691186E-03	9.262008E-04	-3.194621E-03
520135		9.302038E-02	-1.342939E-01	3.385387E-02	6.011143E-03	9.262008E-04	-3.934782E-03
520139		9.463817E-02	-1.342970E-01	3.631753E-02	6.020418E-03	9.262008E-04	-3.955346E-03
520152		9.984243E-02	-1.343068E-01	4.421580E-02	6.033402E-03	9.262008E-04	-3.981400E-03
520185		1.129730E-01	-1.343068E-01	6.411391E-02	6.033402E-03	9.262008E-04	-3.981400E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.512034E 04

REAL EIGENVECTOR NO. 16

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	9.761866E-03	-1.130807E-01	-4.654299E-02	0.0	0.0	0.0
3339	G	1.697 22E-02	-1.131350E-01	-1.815511E-01	0.0	0.0	0.0
3341	G	1.426809E-02	-2.407314E-01	-1.054373E-02	0.0	0.0	0.0
3349	G	-7.008724E-03	-2.405096E-01	-2.173636E-01	0.0	0.0	0.0
4631	G	3.629077E-03	-1.305356E-01	5.826170E-02	0.0	0.0	0.0
4633	G	9.467032E-03	-5.199944E-02	2.636976E-02	0.0	0.0	0.0
4637	G	2.966648E-02	-5.197142E-02	-2.144858E-01	0.0	0.0	0.0
4639	G	2.511901E-02	-1.005787E-01	-2.463459E-01	0.0	0.0	0.0
4641	G	-2.794503E-03	-2.002518E-01	7.003647E-02	0.0	0.0	0.0
4649	G	1.022480E-02	-2.004269E-01	-2.582243E-01	0.0	0.0	0.0
4661	G	-2.412591E-03	-3.065450E-01	3.490534E-02	0.0	0.0	0.0
4669	G	-1.483535E-02	-3.069742E-01	-2.231658E-01	0.0	0.0	0.0
6123	G	1.140479E-02	2.890747E-02	4.538227E-02	0.0	0.0	0.0
6127	G	4.410037E-02	2.889882E-02	-1.840442E-01	0.0	0.0	0.0
6131	G	3.861651E-03	-3.139858E-02	9.317082E-02	0.0	0.0	0.0
6133	G	8.650500E-03	-3.138847E-02	4.488549E-02	0.0	0.0	0.0
6137	G	2.971788E-02	-3.148301E-02	-1.834862E-01	0.0	0.0	0.0
6139	G	3.470932E-02	-3.164965E-02	-2.325813E-01	0.0	0.0	0.0
6141	G	-4.347869E-03	-1.359907E-01	1.038786E-01	0.0	0.0	0.0
6143	G	5.492330E-03	-1.360222E-01	4.335966E-02	0.0	0.0	0.0
6147	G	9.577598E-03	-1.392298E-01	-1.821238E-01	0.0	0.0	0.0
6149	G	1.956306E-02	-1.392106E-01	-2.434723E-01	0.0	0.0	0.0
6161	G	-9.375412E-03	2.144065E-01	1.121651E-01	0.0	0.0	0.0
6163	G	2.450627E-03	-2.144899E-01	4.238389E-02	0.0	0.0	0.0
6167	G	-2.961018E-03	-2.191746E-01	-1.813944E-01	0.0	0.0	0.0
6169	G	7.797163E-03	-2.191020E-01	-2.513747E-01	0.0	0.0	0.0
6171	G	-1.241784E-03	-3.634990E-01	3.646603E-02	0.0	0.0	0.0
6179	G	-2.948133E-02	-3.635837E-01	-2.033413E-01	0.0	0.0	0.0
7031	G	3.578802E-03	-2.971817E-02	0.0	0.0	0.0	0.0
7033	G	9.164203E-03	-2.972373E-02	4.369630E-02	0.0	0.0	0.0
7037	G	2.907404E-02	-2.972373E-02	-1.560212E-01	0.0	0.0	0.0
7039	G	3.462010E-02	-2.963904E-02	0.0	0.0	0.0	0.0
7043	G	5.200855E-03	0.0	4.554798E-02	0.0	0.0	0.0
7047	G	8.909680E-03	0.0	-1.577707E-01	0.0	0.0	0.0
7061	G	-1.366633E-02	-1.922682E-01	1.495932E-01	0.0	0.0	0.0
7063	G	1.622470E-03	-1.922683E-01	4.617476E-02	0.0	0.0	0.0
7067	G	-4.001345E-03	-2.021535E-01	-1.583353E-01	0.0	0.0	0.0
7069	G	1.227392E-02	-2.019203E-01	-2.575603E-01	0.0	0.0	0.0
7071	G	-1.799869E-03	0.0	1.635134E-01	0.0	0.0	0.0
7079	G	-2.355901E-02	0.0	-2.692465E-01	0.0	0.0	0.0
7505	G	4.089537E-02	1.337532E-01	-4.932472E-02	9.985875E-03	-1.451749E-03	9.954916E-04
8300	G	-1.801331E-02	-2.435746E-01	-3.782142E-02	0.0	0.0	0.0
8531	G	2.578003E-03	-6.263763E-03	0.0	0.0	0.0	0.0
8533	G	9.164203E-03	-6.318950F-03	6.470311E-02	0.0	0.0	0.0
8537	G	2.907404E-02	-6.318960E-03	-1.350144E-01	0.0	0.0	0.0
8539	G	3.390280E-02	-6.342817E-03	0.0	0.0	0.0	0.0
8543	G	4.857283E-03	0.0	6.304836E-02	0.0	0.0	0.0
8547	G	8.373570E-03	0.0	-1.330798E-01	0.0	0.0	0.0
8561	G	-2.031017E-02	-1.512980E-01	1.462104E-01	0.0	0.0	0.0
8563	G	3.117923E-03	-1.516159E-01	6.251872E-02	0.0	0.0	0.0
8567	G	-6.861679E-03	-1.541066E-01	-1.324264E-01	0.0	0.0	0.0
8569	G	2.039792E-02	-1.541066E-01	-2.151485E-01	0.0	0.0	0.0
8571	G	3.173599E-03	0.0	1.566842E-01	0.0	0.0	0.0
8579	G	-2.541940E-02	0.0	-2.228501E-01	0.0	0.0	0.0
9303	G	4.515182E-02	1.899135E-01	5.621272E-02	0.0	0.0	0.0
9307	G	-2.199104E-02	1.900796E-01	-1.006019E-01	0.0	0.0	0.0

9313	G	2.503613E-02	1.517183E-01	5.648553E-02	0.0	0.0	0.0
9317	G	-1.256818E-02	1.525453E-01	-1.008061E-01	0.0	0.0	0.0
9331	G	2.128033E-03	4.674674E-04	1.166487E-01	0.0	0.0	0.0
9333	G	7.568147E-03	1.962695E-04	6.213814E-02	0.0	0.0	0.0
9337	G	2.964942E-02	-1.674577E-03	-1.063954E-01	0.0	0.0	0.0
9339	G	3.268027E-02	-1.895475E-03	-1.676598E-01	0.0	0.0	0.0
9341	G	0.0	-5.452878E-02	1.137478E-01	0.0	0.0	0.0
9343	G	4.634056E-03	-5.364199E-02	6.240325E-02	0.0	0.0	0.0
9347	G	8.250346E-03	-5.201178E-02	-9.998274E-02	0.0	0.0	0.0
9349	G	0.0	-5.254244E-02	-1.533793E-01	0.0	0.0	0.0
9361	G	-2.210516E-02	-1.046027E-01	1.245879E-01	0.0	0.0	0.0
9363	G	7.283099E-03	-1.046444E-01	6.125648E-02	0.0	0.0	0.0
9367	G	-1.063101E-02	-1.057928E-01	-9.476101E-02	0.0	0.0	0.0
9369	G	2.375424E-02	-1.056597E-01	-1.629910E-01	0.0	0.0	0.0
9371	G	-5.164914E-03	-1.480533E-01	1.186222E-01	0.0	0.0	0.0
9373	G	0.0	-1.485857E-01	6.062619E-02	0.0	0.0	0.0
9377	G	0.0	-1.500253E-01	-9.414053E-02	0.0	0.0	0.0
9379	G	-8.393273E-03	-1.498369E-01	-1.525634E-01	0.0	0.0	0.0
11300	G	2.911086E-02	5.253631E-02	4.013981E-02	0.0	0.0	0.0
11503	G	3.153880E-02	8.561742E-02	0.0	0.0	0.0	0.0
11507	G	-1.938955E-02	8.561742E-02	0.0	0.0	0.0	0.0
11531	G	5.891494E-03	9.041838E-03	0.0	0.0	0.0	0.0
11533	G	5.849004E-03	9.082340E-03	5.443937E-02	0.0	0.0	0.0
11537	G	2.426644E-02	8.183792E-03	-3.035963E-02	0.0	0.0	0.0
11539	G	2.387693E-02	7.898644E-03	0.0	0.0	0.0	0.0
11543	G	4.845548E-03	-2.153956E-02	4.450927E-02	0.0	0.0	0.0
11547	G	7.741537E-03	-2.153956E-02	-3.047143E-02	0.0	0.0	0.0
11561	G	-1.431016E-02	-4.785052E-02	6.904644E-02	0.0	0.0	0.0
11563	G	1.068704E-02	-4.789973E-02	4.452581E-02	0.0	0.0	0.0
11567	G	-1.194631E-02	-4.153553E-02	-3.053543E-02	0.0	0.0	0.0
11569	G	1.666162E-02	-4.154940E-02	-5.278556E-02	0.0	0.0	0.0
11571	G	1.931463E-02	0.0	7.201248E-02	0.0	0.0	0.0
11579	G	-3.268593E-02	0.0	-5.627319E-02	0.0	0.0	0.0
11700	G	-2.774787E-02	5.628730E-02	-2.030464E-02	0.0	0.0	0.0
13500	G	3.385574E-04	4.759787E-02	2.522049E-02	0.0	0.0	0.0
13801	G	4.141400E-02	1.260445E-02	2.434990E-02	0.0	0.0	0.0
13803	G	2.908579E-02	1.258921E-02	2.423073E-02	0.0	0.0	0.0
13807	G	-1.726290E-02	1.232703E-02	3.045127E-02	0.0	0.0	0.0
13809	G	-2.916395E-02	1.245642E-02	2.955704E-02	0.0	0.0	0.0
13821	G	4.854924E-02	1.192497E-02	2.463005E-02	0.0	0.0	0.0
13823	G	2.377492E-02	1.202170E-02	2.359565E-02	0.0	0.0	0.0
13827	G	-1.042258E-02	1.185874E-02	3.126531E-02	0.0	0.0	0.0
13829	G	-3.746725E-02	1.157568E-02	2.877289E-02	0.0	0.0	0.0
13831	G	9.793084E-03	1.047628E-02	2.517334E-02	0.0	0.0	0.0
13833	G	1.140831E-02	1.068185E-02	2.376796E-02	0.0	0.0	0.0
13837	G	8.493974E-03	1.029985E-02	2.971694E-02	0.0	0.0	0.0
13839	G	1.517296E-02	9.843849E-03	2.646654E-02	0.0	0.0	0.0
13841	G	0.0	9.939115E-03	2.632814E-02	0.0	0.0	0.0
13843	G	8.215014E-03	9.854298E-03	2.433229E-02	0.0	0.0	0.0
13847	G	3.949072E-03	9.681314E-03	2.841403E-02	0.0	0.0	0.0
13848	G	3.776335E-03	5.802244E-03	2.487944E-02	0.0	0.0	0.0
13849	G	0.0	5.091675E-03	1.596612E-02	0.0	0.0	0.0
13861	G	-2.881266E-03	8.531787E-03	2.689799E-02	0.0	0.0	0.0
13863	G	1.302990E-02	8.562163E-03	2.461979E-02	0.0	0.0	0.0
13867	G	-9.528335E-03	8.042032E-05	1.827379E-02	0.0	0.0	0.0
13869	G	7.405993E-03	-1.126228E-04	1.613243E-02	0.0	0.0	0.0
13871	G	1.124814E-02	0.0	2.686696E-02	0.0	0.0	0.0
13879	G	-1.994483E-02	0.0	1.124578E-02	0.0	0.0	0.0
14801	G	4.141400E-02	-9.600714E-03	2.040324E-02	0.0	0.0	0.0
14803	G	2.825351E-02	-1.001361E-02	2.491361E-02	0.0	0.0	0.0
14807	G	-1.672404E-02	-9.708077E-03	3.059575E-02	0.0	0.0	0.0
14809	G	-2.916395E-02	-9.240594E-03	3.525480E-02	0.0	0.0	0.0
14821	G	4.831931E-02	-4.641656E-03	1.850825E-02	0.0	0.0	0.0
14823	G	2.454541E-02	-4.961062E-03	2.491341E-02	0.0	0.0	0.0
14827	G	-1.173448E-02	-4.373305E-03	3.059575E-02	0.0	0.0	0.0
14829	G	-3.712154E-02	-3.930632E-03	3.727168E-02	0.0	0.0	0.0

14831	G	1.375270E-02	9.340830E-03	1.719789E-02	0.0	0.0	0.0
14833	G	1.430746E-02	9.212080E-03	2.433171E-02	0.0	0.0	0.0
14837	G	2.765414E-03	1.040389E-02	3.141154E-02	0.0	0.0	0.0
14839	G	1.304556E-02	1.081503E-02	3.870565E-02	0.0	0.0	0.0
14841	G	0.0	1.710673E-02	1.715750E-02	0.0	0.0	0.0
14843	G	9.614634E-03	1.652371E-02	2.277687E-02	0.0	0.0	0.0
14847	G	3.044458E-03	1.685004E-02	3.369155E-02	0.0	0.0	0.0
14849	G	0.0	1.766966E-02	3.897747E-02	0.0	0.0	0.0
14861	G	1.586133E-03	2.628888E-02	1.804527E-02	0.0	0.0	0.0
14863	G	1.369549E-02	2.633507E-02	2.229764E-02	0.0	0.0	0.0
14867	G	-6.472602E-03	2.622802E-02	3.440778E-02	0.0	0.0	0.0
14869	G	2.990690E-03	2.663092E-02	3.839664E-02	0.0	0.0	0.0
14881	G	1.067685E-02	4.287725E-02	1.646804E-02	0.0	0.0	0.0
14883	G	4.660223E-03	4.289542E-02	2.386223E-02	0.0	0.0	0.0
14887	G	-3.958635E-03	4.333099E-02	3.422102E-02	0.0	0.0	0.0
14889	G	-1.267770E-02	4.307519E-02	4.119956E-02	0.0	0.0	0.0
15212	G	3.773873E-02	-2.339528E-02	2.457484E-02	-5.632725E-04	-4.133889E-04	-3.104554E-03
15218	G	-2.608893E-02	-2.038735E-02	3.048014E-02	-5.947347E-04	5.562496E-04	-3.206503E-03
15601	G	4.188311E-02	-3.350642E-02	2.251076E-02	0.0	0.0	0.0
15603	G	2.825351E-02	-3.457063E-02	2.818331E-02	0.0	0.0	0.0
15607	G	-1.672404E-02	-3.507151E-02	2.619582E-02	0.0	0.0	0.0
15609	G	-3.056630E-02	-3.393590E-02	3.315042E-02	0.0	0.0	0.0
15621	G	4.788426E-02	-2.930651E-02	2.155555E-02	0.0	0.0	0.0
15623	G	2.973001E-02	-2.951808E-02	2.724265E-02	0.0	0.0	0.0
15625	G	6.174035E-03	-2.933826E-02	2.716586E-02	0.0	0.0	0.0
15627	G	-1.708934E-02	-2.973674E-02	2.718903E-02	0.0	0.0	0.0
15629	G	-3.690124E-02	-2.961731E-02	3.422490E-02	0.0	0.0	0.0
15633	G	1.895830E-02	0.0	2.766423E-02	0.0	0.0	0.0
15637	G	-5.173340E-03	0.0	2.739241E-02	0.0	0.0	0.0
16481	G	1.029700E-02	4.437921E-02	1.145736E-02	0.0	0.0	0.0
16483	G	1.072594E-02	4.486968E-02	0.0	0.0	0.0	0.0
16485	G	6.175092E-04	4.621869E-02	0.0	0.0	0.0	0.0
16487	G	-9.345699E-03	4.441795E-02	0.0	0.0	0.0	0.0
16489	G	-9.742312E-03	4.382266E-02	4.919561E-02	0.0	0.0	0.0
17100	G	5.038552E-03	-4.230849E-02	3.156955E-02	0.0	0.0	0.0
18601	G	4.464716E-02	-1.218423E-01	1.091829E-02	0.0	0.0	0.0
18603	G	2.436188E-02	-1.246953E-01	1.753036E-02	0.0	0.0	0.0
18607	G	-2.129454E-02	-1.244794E-01	3.929592E-02	0.0	0.0	0.0
18609	G	-4.043214E-02	-1.215292E-01	4.645693E-02	0.0	0.0	0.0
18621	G	4.449273E-02	-1.305971E-01	6.537031E-03	0.0	0.0	0.0
18623	G	2.470189E-02	-1.302963E-01	1.712429E-02	0.0	0.0	0.0
18625	G	4.653286E-03	-1.300872E-01	2.842760E-02	0.0	0.0	0.0
18627	G	-1.541243E-02	-1.301267E-01	3.991304E-02	0.0	0.0	0.0
18629	G	-3.562736E-02	-1.304031E-01	5.114034E-02	0.0	0.0	0.0
18631	G	-2.907521E-02	-2.180127E-03	6.807147E-03	0.0	0.0	0.0
18633	G	0.0	-3.432536E-03	1.658767E-02	0.0	0.0	0.0
18635	G	0.0	-4.757013E-03	2.833368E-02	0.0	0.0	0.0
18637	G	0.0	-3.695299E-03	4.022656E-02	0.0	0.0	0.0
18639	G	-1.992942E-02	-2.669823E-03	5.064499E-02	0.0	0.0	0.0
18641	G	2.524021E-02	9.697521E-02	1.331569E-02	1.512816E-03	-2.938201E-03	-6.846715E-03
18642	G	1.295609E-02	9.569168E-02	1.215487E-02	2.729474E-04	-1.756958E-03	-5.422667E-03
18643	G	-4.536863E-03	9.437473E-02	1.099226E-02	0.0	-5.749736E-04	-4.634529E-03
18644	G	-1.484692E-02	8.869332E-02	1.916782E-02	0.0	0.0	8.734686E-04
18645	G	-3.396260E-03	8.730627E-02	2.807070E-02	0.0	0.0	2.595031E-03
18646	G	9.566143E-03	8.810596E-02	3.676621E-02	0.0	0.0	1.395660E-03
18647	G	4.650109E-03	9.275264E-02	4.495551E-02	0.0	1.433469E-03	-3.518648E-03
18648	G	-8.847155E-03	9.414530E-02	4.413920E-02	1.811993E-04	2.082216E-03	-4.238240E-03
19649	G	-1.862347E-02	9.525931E-02	4.326824E-02	1.230258E-03	3.934391E-03	-5.522624E-03
18651	G	1.873133E-02	9.534073E-02	1.460549E-02	1.173155E-03	-2.996877E-03	-6.257728E-03
18652	G	7.420797E-03	9.432[illegible]E-02	1.227712E-02	9.437213E-04	-1.737974E-03	-5.181421E-03
18653	G	-1.288260E-03	9.318399E-02	4.399860E-02	4.311262E-04	2.463949E-03	-3.871332E-03
18654	G	-9.944644E-03	9.412354E-02	4.202965E-02	4.640452E-04	3.970485E-03	-4.914287E-03
18656	G	4.474409E-03	8.059508E-02	1.605519E-02	2.333267E-03	-2.967671E-03	-7.322762E-05
18657	G	9.145218E-03	8.076644E-02	1.301440E-02	1.234052E-03	-6.601973E-04	-1.586287E-04
18658	G	5.279079E-03	8.131677E-02	4.131157E-02	1.151709E-03	1.379351E-03	1.720029E-03
18659	G	8.734565E-03	8.117670E-02	4.056615E-02	1.499315E-03	3.849111E-03	1.793367E-03

18661	G	-2.729521E-03	7.543594E-02	1.672398E-02	1.778378E-03	-2.095136E-03	1.335004E-03
18662	G	-4.515473E-04	7.589984E-02	1.367156E-02	1.453101E-03	-1.353896E-04	9.342524E-04
18663	G	2.380318E-03	7.661149E-02	8.567192E-03	2.190539E-03	1.814992E-03	8.861774E-04
18664	G	1.621644E-03	7.767069E-02	1.660941E-02	0.0	0.0	-8.475767E-04
18665	G	-3.489404E-03	7.910056E-02	2.792582E-02	0.0	0.0	-3.590675E-04
18666	G	-5.908106E-03	7.905103E-02	3.725672E-02	0.0	0.0	2.324208E-04
18667	G	2.281046E-03	7.746345E-02	4.748003E-02	2.219001E-03	-1.994794E-03	2.473820E-03
18668	G	1.145830E-02	7.691443E-02	4.264452E-02	1.391048E-03	1.992673E-04	2.778939E-03
18669	G	1.736925E-02	7.657528E-02	3.982370E-02	1.451594E-03	2.399390E-03	3.097102E-03
18681	G	9.703778E-03	5.068649E-02	1.771415E-02	0.0	0.0	0.0
18683	G	2.411256E-02	5.039113E-02	8.839633E-03	2.190539E-03	1.748146E-03	-1.841042E-03
18685	G	8.499038E-04	5.228360E-02	2.807564E-02	0.0	0.0	0.0
18687	G	-2.145329E-02	5.090200E-02	4.735086E-02	2.219001E-03	-1.875779E-03	-1.841042E-03
18689	G	-8.241225E-03	5.126132E-02	3.865215E-02	0.0	0.0	0.0
18983	G	2.637798E-02	3.269748E-02	6.836418E-03	0.0	-3.222334E-04	-7.274799E-03
18987	G	-2.356042E-02	3.317214E-02	4.706510E-02	0.0	1.607905E-03	-7.292651E-03
19741	G	1.943262E-02	-8.252776E-02	4.591294E-02	2.945469E-03	-2.944264E-03	-2.694087E-03
19742	G	2.947710E-03	-8.605713E-02	3.458605E-02	7.009206E-04	1.357232E-04	-1.915446E-03
19743	G	-1.993895E-04	-8.698916E-02	3.312764E-02	0.0	5.022378E-04	-1.022161E-03
19745	G	-5.563775E-04	-8.849066E-02	2.202344E-02	0.0	0.0	4.818258E-04
19747	G	3.017664E-04	-8.731097E-02	1.028412E-02	0.0	1.145989E-03	-7.153098E-04
19748	G	-2.087020E-03	-8.653086E-02	8.426409E-03	8.922424E-04	1.442665E-03	-1.522828E-03
19749	G	-1.445210E-02	-8.371323E-02	-3.514932E-03	2.816734E-03	4.037116E-03	-2.227918E-03
19751	G	1.833390E-03	-1.155046E-01	4.575597E-02	4.067563E-03	-2.116869E-03	5.739224E-04
19752	G	3.552757E-03	-1.106538E-01	2.493022E-02	4.778120E-04	-1.410933E-04	5.081460E-05
19758	G	8.890666E-03	-1.100060E-01	1.136477E-03	6.865175E-04	1.699068E-03	8.515849E-05
19759	G	1.077299E-02	-1.141515E-01	-3.348755E-03	3.817738E-03	3.328840E-03	5.692639E-04
19761	G	-2.999249E-03	-1.158165E-01	4.563349E-02	8.391554E-04	-1.873528E-03	7.985402E-04
19762	G	3.034013E-03	-1.141152E-01	3.513166E-02	1.465351E-03	-2.249177E-04	7.709982E-04
19763	G	4.544638E-03	-1.133409E-01	3.267384E-02	0.0	3.229370E-04	6.289489E-04
19765	G	8.339720E-03	-1.121323E-01	2.223996E-02	0.0	0.0	3.965157E-04
19767	G	1.189247E-02	-1.130752E-01	1.069040E-02	0.0	1.312073E-03	5.682579E-04
19768	G	1.325238E-02	-1.137242E-01	7.964920E-03	1.544119E-03	1.781810E-03	6.923240E-04
19769	G	1.866826E-02	-1.151625E-01	-3.240331E-03	1.007429E-03	3.127961E-03	7.168374E-04
21183	G	3.261268E-02	-3.163526E-01	2.213471E-02	0.0	1.635738E-03	-2.168932E-02
21187	G	-2.912024E-02	-3.165897E-01	-1.396031E-02	0.0	-1.348287E-03	-2.171656E-02
21321	G	1.443516E-03	-2.668641E-01	1.509048E-02	0.0	0.0	0.0
21323	G	9.573586E-05	-2.668738E-01	1.143973E-02	0.0	0.0	0.0
21325	G	1.843711E-03	-2.670187E-01	4.099321E-03	0.0	0.0	0.0
21327	G	-6.736409E-03	-2.669552E-01	-3.531815E-03	0.0	0.0	0.0
21329	G	-1.154265E-02	-2.670372E-01	-7.517442E-03	0.0	0.0	0.0
21341	G	-3.114510E-04	-3.869731E-01	2.053512E-02	2.319116E-03	3.323870E-03	-3.790543E-03
21343	G	-1.632686E-02	-3.836864E-01	1.749317E-02	0.0	3.181440E-03	-2.051799E-03
21345	G	8.197680E-03	-3.788126E-01	4.326284E-03	0.0	6.173174E-04	3.991518E-03
21347	G	2.792480E-02	-3.834757E-01	-9.434860E-03	0.0	-1.946805E-03	-2.851369E-03
21349	G	7.188909E-03	-3.866966E-01	-1.287953E-02	2.164866E-03	-2.089235E-03	-4.679877E-03
21361	G	-7.825311E-03	-3.664995E-01	1.932565E-02	0.0	0.0	0.0
21363	G	-5.220163E-04	-3.664554E-01	1.789355E-02	-1.457605E-04	2.677227E-03	0.0
21364	G	-1.937910E-03	-3.663236E-01	1.158039E-02	0.0	0.0	0.0
21366	G	2.098813E-02	-3.670714E-01	-3.183089E-03	0.0	0.0	0.0
21367	G	1.540519E-02	-3.673699E-01	-9.530358E-03	-2.516557E-04	-3.643919E-03	0.0
21369	G	2.532054E-02	-3.673748E-01	-1.220924E-02	0.0	0.0	0.0
21383	G	3.257950E-02	-3.649130E-01	1.744863E-02	-7.658046E-05	2.545667E-03	-2.198105E-02
21387	G	-2.903837E-02	-3.652038E-01	-8.792497E-03	-1.365042E-05	-3.319210E-03	-2.200167E-02
21485	G	0.0	-3.835770E-01	5.369533E-03	1.784077E-03	0.0	0.0
21801	G	9.510081E-03	-2.631411E-01	9.721573E-03	0.0	0.0	0.0
21803	G	2.841207E-03	-2.599996E-01	9.781241E-04	0.0	0.0	0.0
21807	G	-7.026482E-03	-2.600759E-01	4.585676E-03	0.0	0.0	0.0
21809	G	-1.210270E-02	-2.631890E-01	-4.629031E-03	0.0	0.0	0.0
21821	G	1.129707E-02	-2.740194E-01	1.264872E-02	0.0	0.0	0.0
21823	G	6.888967E-03	-2.734759E-01	4.938740E-03	0.0	0.0	0.0
21825	G	1.599005E-03	-2.727205E-01	2.787712E-03	0.0	0.0	0.0
21827	G	-4.302040E-03	-2.735536E-01	5.314271E-04	0.0	0.0	0.0
21829	G	-8.852132E-05	-2.741899E-01	-7.490523E-03	0.0	0.0	0.0
22312	G	7.659063E-03	-2.729154E-01	6.965932E-03	0.0	0.0	0.0
22318	G	-8.904051E-03	-2.731165E-01	-4.617948E-03	0.0	0.0	0.0

22701	G	3.854391E-03	-2.[illegible]	[illegible]	0.0	0.0	0.0
22703	G	-1.918541E-03	-2.832015E-01	[illegible]	0.0	0.0	0.0
22707	G	-3.112586E-03	-2.833926E-01	[illegible]	0.0	0.0	0.0
22709	G	-6.500255E-03	-2.825460E-01	[illegible]	0.0	0.0	0.0
22721	G	6.886009E-03	-2.836972E-01	[illegible]	0.0	0.0	0.0
22723	G	5.555909E-03	-2.846721E-01	[illegible]	0.0	0.0	0.0
22725	G	1.339114E-03	-2.855837E-01	[illegible]	0.0	0.0	0.0
22727	G	-3.072334E-03	-2.842318E-01	[illegible]	0.0	0.0	0.0
22729	G	-4.809171E-03	-2.828289E-01	[illegible]	0.0	0.0	0.0
23100	G	8.517008E-03	-2.856841E-01	[illegible]	0.0	0.0	0.0
25001	G	-1.769990E-02	-3.048654E-01	-7.[illegible]	0.0	0.0	0.0
25003	G	-1.088681E-02	-3.111254E-01	-6.57447[illegible]	0.0	0.0	0.0
25007	G	7.099055E-03	-3.197197E-01	-1.257563E-02	0.0	0.0	0.0
25009	G	1.578334E-02	-3.098277E-01	3.804453E-02	0.0	0.0	0.0
25021	G	-2.047535E-02	-2.823930E-01	-9.335131E-02	0.0	0.0	0.0
25025	G	7.440976E-04	-2.825101E-01	-5.356765E-02	0.0	0.0	0.0
25029	G	2.188464E-02	-2.856424E-01	6.067792E-02	0.0	0.0	0.0
25041	G	-2.710541E-02	-1.786664E-01	-9.175909E-02	0.0	0.0	0.0
25045	G	0.0	-1.953343E-01	-1.054162E-01	0.0	0.0	0.0
25049	G	3.811687E-02	-2.100665E-01	7.742697E-02	0.0	0.0	0.0
25061	G	-2.458052E-02	-1.355106E-01	-9.261656E-02	0.0	0.0	0.0
25065	G	-2.461270E-03	-1.303762E-01	-1.788992E-01	0.0	0.0	0.0
25069	G	4.545248E-02	-1.312723E-01	9.166417E-02	0.0	0.0	0.0
26801	G	-1.611718E-02	-2.832252E-01	-5.327005E-02	0.0	0.0	0.0
26809	G	7.481869E-03	-2.828439E-01	1.563994E-02	0.0	0.0	0.0
26821	G	-3.169566E-02	-2.421399E-01	-9.837673E-02	0.0	0.0	0.0
26825	G	4.471655E-04	-2.426264E-01	-1.147529E-02	0.0	0.0	0.0
26829	G	3.060803E-02	-2.418471E-01	6.330246E-02	0.0	0.0	0.0
26841	G	-3.005411E-02	-1.632085E-01	-9.096925E-02	0.0	0.0	0.0
26845	G	0.0	-1.631196E-01	-1.039968E-02	0.0	0.0	0.0
26849	G	3.634922E-02	-1.622872E-01	6.747419E-02	0.0	0.0	0.0
26861	G	-2.445903E-02	-9.791648E-02	-9.412307E-02	0.0	0.0	0.0
26865	G	5.748153E-03	-9.762901E-02	-8.816041E-03	0.0	0.0	0.0
26869	G	4.292618E-02	-9.738946E-02	7.321656E-02	0.0	0.0	0.0
29905	G	-2.177125E-05	-1.528836E-01	-3.177941E-02	0.0	0.0	0.0
29921	G	-4.274181E-02	-1.328738E-01	-8.630145E-02	0.0	0.0	0.0
29925	G	7.316463E-04	-1.334291E-01	-3.171034E-02	0.0	0.0	0.0
29929	G	4.671494E-02	-1.328738E-01	2.313336E-02	0.0	0.0	0.0
29941	G	-3.468322E-02	-7.450956E-02	-9.635776E-02	0.0	0.0	0.0
29945	G	0.0	-7.453704E-02	-3.163065E-02	0.0	0.0	0.0
29949	G	4.465840E-02	-7.446614E-02	3.387678E-02	0.0	0.0	0.0
29961	G	-3.339899E-02	-1.5[illegible]3356E-02	-8.733184E-02	0.0	0.0	0.0
29965	G	9.614162E-03	-1.586424E-02	-3.113312E-02	0.0	0.0	0.0
29969	G	5.883453E-02	-1.598356E-02	2.549671E-02	0.0	0.0	0.0
33045	G	7.434163E-03	-7.335633E-02	-3.126557E-02	-4.590258E-03	3.999702E-04	3.752361E-03
31745	G	8.093286E-03	1.107936E-02	-3.973664E-02	-4.100967E-03	5.270406E-04	4.964892E-03
33845	G	8.938004E-03	1.322855E-01	-5.182927E-02	-3.265792E-03	6.234115E-04	6.104596E-03
35945	G	1.001250E-02	2.749777E-01	-6.567729E-02	-2.168742E-03	6.925862E-04	7.127903E-03
38045	G	1.111979E-02	4.[illegible]55512E-01	-8.053327E-02	-6.869228E-04	7.209620E-04	7.759832E-03
40141	G	-2.764592E-01	5.975206E-01	-7.080966E-02	3.435391E-04	6.881952E-04	1.037413E-02
40142	G	-1.711113E-01	5.975206E-01	-7.514971E-02	5.672874E-04	6.881952E-04	9.699203E-03
40143	G	-6.815773E-02	5.975206E-01	-8.[illegible]47[illegible]0E-02	9.416682E-04	6.881952E-04	8.569907E-03
40145	G	1.223322E-02	5.975449E-01	-9.538287E-02	1.250369E-03	6.883021E-04	7.867623E-03
40147	G	9.276658E-02	5.975205E-01	-1.095626E-01	1.735029E-03	6.881687E-04	8.668259E-03
40148	G	1.976169E-01	5.975205E-01	-1.320623E-01	2.388761E-03	6.881687E-04	9.925012E-03
40149	G	3.058360E-01	5.975205E-01	-1.595613E-01	2.779464E-03	6.881687E-04	1.067611E-02
42245	G	1.322878E-02	7.550136E-01	-1.[illegible]87[illegible]6E-01	3.714423E-03	5.870312E-04	7.449873E-03
44345	G	1.406867E-02	8.941841E-01	-1.[illegible]94061E-01	7.163458E-03	4.328879E-04	6.466648E-03
45245	G	1.436812E-02	9.453249E-01	-1.229778E-01	9.200398E-03	3.528162E-04	5.781233E-03
46445	G	1.469103E-02	1.[illegible]00000E 00	-1.265628E-01	1.210661E-02	2.548778E-04	4.762989E-03
48045	G	1.852858E-02	7.806653E-01	-1.[illegible]20009E-01	2.001339E-02	2.166929E-04	-4.758853E-04
48845	G	2.022793E-02	5.795965E-01	-1.317669E-01	2.430916E-02	1.649904E-04	-2.712416E-03
49745	G	2.153866E-02	3.206565E-01	-1.328552E-01	2.855211E-02	1.129038E-04	-4.457630E-03
50645	G	2.246662E-02	1.532834E-02	-1.335340E-01	3.250999E-02	7.435952E-05	-5.343739E-03
51545	G	2.313318E-02	-3.288518E-01	-1.338600E-01	3.633552E-02	4.703956E-05	-5.551092E-03
52045	G	2.362317E-02	-6.[illegible]3[illegible]E-01	-1.339012E-01	3.801516E-02	3.969567E-05	-5.846359E-03

61912	G	-4.647117E-03	7.338083E-02	1.961211E-02	2.554275E-03	-3.682935E-03	1.479066E-03
61913	G	9.282024E-05	7.666820E-02	1.961211E-02	2.554275E-03	-3.682935E-03	-2.136685E-02
61914	G	4.480553E-03	7.971543E-02	1.961211E-02	2.554275E-03	-3.682935E-03	2.301826E-05
61916	G	2.756277E-02	9.493064E-02	1.623774E-02	1.505374E-03	-3.378499E-03	-6.757103E-03
61917	G	3.094505E-02	1.004377E-01	1.623774E-02	1.505374E-03	-3.378899E-03	-2.118400E-02
61918	G	3.446256E-02	1.022276E-01	1.623774E-02	1.505374E-03	-3.378899E-03	-7.459894E-03
61922	G	-1.229153E-03	-1.258177E-01	5.334283E-02	6.465845E-03	-2.335213E-03	-2.195641E-02
61923	G	8.258345E-04	-1.201278E-01	5.334283E-02	6.465845E-03	-2.335213E-03	7.482041E-04
61924	G	2.717357E-03	-1.148905E-01	5.334283E-02	6.465845E-03	-2.335213E-03	-2.526120E-02
61926	G	2.110042E-02	-8.274513E-02	5.319296E-02	7.169049E-03	-4.100561E-03	-2.610243E-02
61927	G	2.388881E-02	-7.787019E-02	5.319296E-02	7.169053E-03	-4.100561E-03	-3.231262E-03
61928	G	2.807136E-02	-7.055777E-02	5.319296E-02	7.169049E-03	-4.100561E-03	-2.547323E-02
61934	G	8.391809E-03	-4.025400E-01	3.710470E-02	1.472477E-02	3.339601E-03	-2.629840E-02
61935	G	8.254464E-03	-3.931161E-01	3.710470E-02	1.472477E-02	3.339601E-03	-4.260309E-03
61936	G	3.916744E-03	-3.628087E-01	3.710470E-02	1.472477E-02	3.339601E-03	-3.455048E-02
62211	G	5.557176E-02	4.567180E-02	3.433206E-02	0.0	0.0	0.0
62213	G	6.332707E-02	6.310413E-02	3.431853E-02	4.953362E-03	-4.785273E-03	-2.098153E-02
62217	G	9.572178E-02	9.112358E-02	3.309958E-02	6.490178E-03	-4.567694E-03	-2.125126E-02
62219	G	1.026694E-01	1.112336E-01	3.280105E-02	0.0	0.0	0.0
62221	G	6.681657E-02	-1.590115E-01	7.904863E-02	1.566136E-02	4.664104E-03	-2.118883E-02
62224	G	7.709950E-02	-1.333619E-01	7.894021E-02	8.529533E-03	-1.136129E-02	-2.474596E-02
62226	G	9.917945E-02	-9.331590E-02	7.890522E-02	1.078342E-02	2.165566E-03	-2.526686E-02
62229	G	1.077471E-01	-7.633668E-02	7.879430E-02	1.078510E-02	-1.240899E-02	-2.449878E-02
62231	G	9.594250E-02	-4.331032E-01	1.209285E-01	3.160994E-02	1.152909E-02	-2.423194E-02
62239	G	1.053479E-01	-3.376594E-01	1.202325E-01	3.276457E-02	-9.406645E-05	-3.233026E-02
62811	G	1.727102E-01	1.888164E-02	8.108836E-02	0.0	0.0	0.0
62819	G	2.249442E-01	7.707506E-02	8.383971E-02	0.0	0.0	0.0
62821	G	1.854725E-01	-1.842158E-01	1.427931E-01	0.0	0.0	0.0
62829	G	2.370965E-01	-1.015264E-01	1.427956E-01	0.0	0.0	0.0
62831	G	2.275364E-01	-4.451538E-01	2.277833E-01	0.0	0.0	0.0
62839	G	2.392362E-01	-4.087912E-01	2.279727E-01	0.0	0.0	0.0
63411	G	2.912715E-01	-1.015537E-02	1.310130E-01	0.0	0.0	0.0
63419	G	3.560368E-01	5.238118E-02	1.313671E-01	0.0	0.0	0.0
63421	G	3.072361E-01	-2.105871E-01	2.084772E-01	0.0	0.0	0.0
63429	G	3.718969E-01	-1.284541E-01	2.087628E-01	0.0	0.0	0.0
63431	G	3.588322E-01	-4.581378E-01	3.194333E-01	0.0	0.0	0.0
63439	G	3.749914E-01	-4.266353E-01	3.196109E-01	0.0	0.0	0.0
64211	G	4.659923E-01	-5.123110E-02	2.115789E-01	0.0	0.0	0.0
64219	G	5.462934E-01	1.113052E-02	2.118503E-01	0.0	0.0	0.0
64221	G	4.882896E-01	-2.492899E-01	3.151460E-01	0.0	0.0	0.0
64229	G	5.693259E-01	-...688582E-01	3.151971E-01	1.079635E-02	-1.084418E-02	-1.888622E-02
64231	G	5.511354E-01	-4.785969E-01	4.547321E-01	0.0	0.0	0.0
64239	G	5.730290E-01	-4.479014E-01	4.548640E-01	0.0	0.0	0.0
65011	G	6.426662E-01	-9.178060E-02	3.004543E-01	0.0	0.0	0.0
65019	G	7.355420E-01	-3.510268E-02	3.009401E-01	0.0	0.0	0.0
65021	G	6.731383E-01	-2.887489E-01	4.354333E-01	0.0	0.0	0.0
65029	G	7.675420E-01	-2.111200E-01	4.354008E-01	0.0	0.0	0.0
65031	G	7.449947E-01	-4.985344E-01	5.991351E-01	0.0	0.0	0.0
65039	G	7.724119E-01	-4.670489E-01	5.992042E-01	0.0	0.0	0.0
65911	G	8.238593E-01	-1.338626E-01	3.953909E-01	0.0	0.0	0.0
65919	G	9.262189E-01	-8.598876E-02	3.944957E-01	0.0	0.0	0.0
65921	G	8.672860E-01	-3.269128E-01	5.729039E-01	0.0	0.0	0.0
65929	G	9.715979E-01	-2.594188E-01	5.758757E-01	1.227176E-02	-2.075350E-02	-1.984387E-02
65931	G	9.424798E-01	-5.537902E-01	7.520783E-01	0.0	0.0	0.0
65939	G	9.751266E-01	-4.847862E-01	7.522204E-01	0.0	0.0	0.0
71912	G	2.159266E-02	7.513112E-02	3.754969E-02	2.135657E-03	4.182003E-03	3.179157E-03
71913	G	1.621042E-02	7.787973E-02	3.754969E-02	2.135657E-03	4.182003E-03	-2.038555E-02
71914	G	1.122130E-02	8.042753E-02	3.754969E-02	2.135657E-03	4.182003E-03	1.884979E-03
71916	G	-1.696721E-02	9.745157E-02	4.090579E-02	1.111661E-03	4.359860E-03	-5.403951E-03
71917	G	-2.133143E-02	9.856433E-02	4.090579E-02	1.111661E-03	4.359860E-03	-2.137075E-02
71918	G	-2.651531E-02	9.988612E-02	4.090579E-02	1.111661E-03	4.359860E-03	-6.072860E-03
71922	G	1.499476E-02	-1.232714E-01	-1.033771E-02	5.867280E-03	3.674811E-03	-2.119051E-02
71923	G	1.176092E-02	-1.181082E-01	-1.033771E-02	5.867284E-03	3.674812E-03	7.303723E-04
71924	G	8.784324E-03	-1.133557E-01	-1.033771E-02	5.867280E-03	3.674811E-03	-2.404511E-02
71926	G	-1.462235E-02	-8.408171E-02	-1.016734E-02	6.411038E-03	5.255666E-03	-2.590573E-02
71927	G	-1.819621E-02	-7.972223E-02	-1.016734E-02	6.411038E-03	5.255666E-03	-2.732754E-03

71926	G	-2.355730E-02	-7.318294E-02	-1.016734E-02	6.411038E-03	5.255666E-03	-2.544164E-02
71934	G	-2.168961E-03	-4.009992E-01	-2.747438E-02	1.282296E-02	-2.105246E-03	-2.613229E-02
71935	G	-8.216042E-04	-4.927975E-01	-2.747438E-02	1.282296E-02	-2.105246E-03	-5.169958E-03
71936	G	6.520669E-04	-5.838164E-01	-2.747438E-02	1.282296E-02	-2.105246E-03	-3.473013E-02
72211	G	-3.401646E-02	5.089504E-02	2.503492E-02	0.0	0.0	0.0
72213	G	-4.428606E-02	6.250048E-02	2.506613E-02	3.938951E-03	5.024344E-03	-2.008656E-02
72217	G	-8.640474E-02	8.866233E-02	2.653684E-02	5.217340E-03	5.217910E-03	-2.128665E-02
72219	G	-9.539783E-02	1.062670E-01	2.683455E-02	0.0	0.0	0.0
72221	G	-4.798115E-02	-1.530959E-01	-3.454561E-02	1.353740E-02	-1.172514E-03	-2.063710E-02
72224	G	-6.214445E-02	-1.305082E-01	-3.441096E-02	7.676568E-03	1.142392E-02	-2.360317E-02
72226	G	-9.202975E-02	-9.499246E-02	-3.428755E-02	9.781349E-03	-1.062919E-03	-2.506903E-02
72229	G	-1.035709E-01	-8.306746E-02	-3.415667E-02	9.243608E-03	1.437629E-02	-2.439525E-02
72231	G	-8.831298E-02	-4.301451E-01	-1.033046E-01	2.982859E-02	-1.964824E-02	-2.397663E-02
72234	G	-1.012219E-01	-3.884960E-01	-1.026276E-01	2.987354E-02	1.477128E-03	-3.241575E-02
72811	G	-1.488423E-01	2.465268E-02	-1.624364E-02	0.0	0.0	0.0
72819	G	-2.149820E-01	7.334083E-02	-1.898338E-02	0.0	0.0	0.0
72821	G	-1.645688E-01	-1.774272E-01	-9.277570E-02	0.0	0.0	0.0
72[illegible]	G	-2.301139E-01	-1.047582E-01	-9.281969E-02	0.0	0.0	0.0
[illegible]31	G	-2.172547E-01	-4.415176E-01	-2.016853E-01	0.0	0.0	0.0
[illegible]839	G	-2.329300E-01	-4.084063E-01	-2.018565E-01	0.0	0.0	0.0
73411	G	-2.656858E-01	-3.194725E-03	-6.100389E-02	0.0	0.0	0.0
73419	G	-3.429172E-01	4.909815E-02	-6.137019E-02	0.0	0.0	0.0
73421	G	-2.845866E-01	-2.029161E-01	-1.529022E-01	0.0	0.0	0.0
73429	G	-3.618284E-01	-1.310835E-01	-1.531567E-01	0.0	0.0	0.0
73431	G	-3.457547E-01	-4.537705E-01	-2.853662E-01	0.0	0.0	0.0
73439	G	-3.651462E-01	-4.252311E-01	-2.855300E-01	0.0	0.0	0.0
74211	G	-4.373598E-01	-4.266970E-02	-1.325148E-01	0.0	0.0	0.0
74219	G	-5.264992E-01	8.986928E-03	-1.328161E-01	0.0	0.0	0.0
74221	G	-4.626026E-01	-2.403156E-01	-2.500538E-01	0.0	0.0	0.0
74229	G	-5.546854E-01	-1.703795E-01	-2.503864E-01	7.387523E-03	1.230517E-02	-1.882092E-02
74231	G	-5.337940E-01	-4.729349E-01	-4.088100E-01	0.0	0.0	0.0
74239	G	-5.587540E-01	-4.452401E-01	-4.089307E-01	0.0	0.0	0.0
75011	G	-6.104511E-01	-8.175594E-02	-2.106936E-01	0.0	0.0	0.0
75019	G	-7.128516E-01	-3.554486E-02	-2.111845E-01	0.0	0.0	0.0
75021	G	-6.439753E-01	-2.784895E-01	-3.593967E-01	0.0	0.0	0.0
75029	G	-7.481197E-01	-2.112209E-01	-3.593765E-01	0.0	0.0	0.0
75031	G	-7.226217E-01	-4.914381E-01	-5.433591E-01	0.0	0.0	0.0
75039	G	-7.533643E-01	-4.631115E-01	-5.404221E-01	0.0	0.0	0.0
75911	G	-7.876229E-01	-1.226706E-01	-2.934126E-01	0.0	0.0	0.0
75919	G	-8.983560E-01	-8.397919E-02	-2.922977E-01	0.0	0.0	0.0
75921	G	-8.342391E-01	-3.157386E-01	-4.846356E-01	0.0	0.0	0.0
75929	G	-9.471240E-01	-2.575565E-01	-4.875292E-01	1.057668E-02	2.233839E-02	-1.986071E-02
75931	G	-9.157460E-01	-5.372536E-01	-4.793287E-01	0.0	0.0	0.0
75939	G	-9.513074E-01	-4.794073E-01	-6.796690E-01	0.0	0.0	0.0
122400	G	-5.825727E-02	1.162245E 00	-6.564986E-01	-1.118515E-02	-2.468551E-02	-9.363003E-03
123467	G	3.578800E-02	-1.773331E-01	-7.810611E-03	0.0	0.0	0.0
123487	G	-4.219879E-02	1.021368E 00	-3.042617E-01	0.0	0.0	0.0
124800	G	-5.825727E-02	9.384698E-01	-6.651509E-02	-1.118515E-02	-2.468551E-02	-9.363003E-03
125063	G	-2.021827E-02	-1.355106E-01	-1.096174E-01	0.0	0.0	0.0
125065	G	3.285290E-03	-1.303762E-01	-1.465480E-01	0.0	0.0	0.0
125067	G	3.601564E-02	-1.312723E-01	9.166837E-02	0.0	0.0	0.0
125383	G	1.888809E-01	8.263906E-01	-6.625313E-02	0.0	0.0	0.0
125387	G	-3.079389E-02	8.263906E-01	1.961730E-01	0.0	0.0	0.0
126863	G	-1.465344E-02	-9.791648E-02	-6.643146E-02	0.0	0.0	0.0
126867	G	3.085778E-02	-9.738946E-02	4.558791E-02	0.0	0.0	0.0
127200	G	-5.825727E-02	7.062674E-01	5.456852E-01	-1.118515E-02	-2.468551E-02	-9.363003E-03
189073	G	1.035398E-01	-9.672308E-02	9.720964E-02	5.777761E-03	4.499790E-04	-8.139670E-03
189077	G	-9.791702E-02	-9.672308E-02	-4.579396E-02	5.777761E-03	4.499790E-04	-8.139670E-03
200070	G	-5.949487E-04	-1.346705E-01	2.117906E-02	5.777761E-03	4.499790E-04	-8.139670E-03
200078	G	2.811396E-03	-1.786082E-01	2.117906E-02	5.777761E-03	4.499790E-04	-8.139670E-03
200079	G	3.476609E-03	-1.671672E-01	2.119630E-02	5.787797E-03	4.489496E-04	-8.139670E-03
200086	G	7.302161E-03	-2.397639E-01	2.123825E-02	6.880131E-03	5.096600E-04	-8.139670E-03
200087	G	6.693296E-03	-2.289441E-01	2.123825E-02	5.812410E-03	4.449750E-04	-8.139670E-03
200095	G	1.126986E-02	-2.914315E-01	2.128422E-02	4.728499E-03	3.812942E-04	-8.139670E-03
200096	G	1.057506E-02	-2.798046E-01	2.128922E-02	5.806252E-03	4.426267E-04	-8.139670E-03
200101	G	1.308534E-02	-3.127233E-01	2.132228E-02	2.690338E-03	2.544106E-04	-8.139670E-03

200136	G	1.40[illegible]E-02	-3.211417E-01	2.138432E-02	4.372848E-04	1.190572E-04	-8.139670E-03
200114	G	1.421737E-02	-3.107427E-01	2.147753E-02	-3.004674E-03	-8.284298E-05	-8.139670E-03
200121	G	1.306053E-02	-2.796395E-01	2.155909E-02	-5.857207E-03	-2.455055E-04	-8.139670E-03
200129	G	1.044149E-02	-2.211238E-01	2.165230E-02	-8.641362E-03	-4.019106E-04	-8.139670E-03
200137	G	6.747436E-03	-1.434630E-01	2.165230E-02	-1.064353E-02	-5.142593E-04	-8.139670E-03
200145	G	2.333209E-03	-5.296044E-02	2.165230E-02	-1.184578E-02	-5.816557E-04	-8.139670E-03
200153	G	-2.292030E-03	4.095346E-02	2.165230E-02	-1.223055E-02	-6.032248E-04	-8.139670E-03
200155	G	-3.629152E-03	6.748245E-02	2.165230E-02	-1.223055E-02	-6.032248E-04	-8.139670E-03
211001	G	-2.531015E-01	3.916917E-01	-7.897425E-02	6.330851E-03	9.118807E-06	-6.624993E-03
211002	G	3.515412E-03	1.728869E-01	1.695937E-01	-4.228760E-03	4.424855E-03	-5.959846E-03
211073	G	1.035398E-01	-2.740052E-01	8.740509E-02	5.777761E-03	4.499790E-04	-8.139670E-03
211077	G	-9.791702E-02	-2.740052E-01	-5.559450E-02	5.777761E-03	4.499790E-04	-8.139670E-03
214075	G	2.811346E-03	-2.966335E-01	1.465436E-02	5.777761E-03	4.499790E-04	-8.139670E-03
214901	G	-2.531015E-01	1.304682E-01	-7.933384E-02	6.330851E-03	9.118807E-06	-6.624993E-03
214902	G	3.515412E-03	-6.210988E-02	-4.878326E-03	-4.228760E-03	4.424855E-03	-5.959846E-03
215101	G	-1.274050E-01	-3.342528E-03	-1.564249E-02	4.789617E-03	4.576433E-03	-6.104540E-03
215102	G	4.942665E-02	-2.337201E-02	1.238567E-02	-1.249370E-03	5.253363E-03	-2.699884E-03
215201	G	-2.608893E-02	-2.038735E-02	3.048014E-02	1.446679E-03	5.178519E-03	-3.821854E-03
215202	G	3.773873E-02	-2.039528E-02	2.457484E-02	-9.390987E-04	5.252331E-03	-1.843300E-03
222001	G	-2.523844E-01	-2.785808E-01	1.472741E-02	-1.154260E-03	2.247473E-03	-6.100211E-03
222002	G	3.277812E-03	-5.337283E-01	-2.272161E-01	-1.315830E-02	2.339126E-03	-5.231664E-03
222201	G	-9.787297E-02	-2.678688E-01	-1.031414E-02	-3.360074E-04	6.206259E-03	-4.885878E-03
222202	G	8.792456E-03	-3.059615E-01	-9.525520E-02	-9.687789E-03	2.675110E-03	-1.761290E-03
222301	G	-8.904051E-03	-2.731165E-01	-4.617848E-03	1.545071E-03	5.706094E-03	-2.195211E-03
222302	G	7.659063E-03	-2.729154E-01	6.965932E-03	-3.114142E-03	3.698545E-03	-3.731[illegible]E-04
223401	G	-2.523844E-01	-3.673388E-01	-1.797333E-02	-1.154260E-03	2.247473E-03	-6.100211E-03
223402	G	3.277812E-03	-6.368490E-01	-2.612504E-01	-1.315830E-02	2.339126E-03	-5.231664E-03
520018	G	3.413635E-02	-6.876375E-01	-6.552070E-02	3.796549E-02	3.969567E-05	-5.833380E-03
520024	G	3.775324E-02	-6.876375E-01	-4.198238E-02	3.796417E-02	3.969567E-05	-5.834300E-03
520057	G	5.705748E-02	-6.876501E-01	8.301753E-02	3.888660E-02	3.969567E-05	-6.073814E-03
520065	G	6.173465E-02	-6.876530E-01	1.128088E-01	3.953695E-02	3.969567E-05	-6.241146E-03
520068	G	6.405979E-02	-6.876543E-01	1.274993E-01	3.987629E-02	3.969567E-05	-6.328724E-03
520079	G	7.102895E-02	-6.876827E-01	1.710858E-01	4.081542E-02	3.969567E-05	-6.570660E-03
520135	G	1.113588E-01	-6.878838E-01	4.129871E-01	4.508099E-02	3.969567E-05	-7.661849E-03
520139	G	1.145069E-01	-6.879026E-01	4.314973E-01	4.520515E-02	3.969567E-05	-7.692780E-03
520152	G	1.246189E-01	-6.879621E-01	4.908555E-01	4.536478E-02	3.969567E-05	-7.732216E-03
520185	G	1.501197E-01	-6.879621E-01	6.404682E-01	4.536478E-02	3.969567E-05	-7.732216E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.553435E 04

REAL EIGENVECTOR NO. 17

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-1.178456E-02	1.961413E-04	4.139342E-02	0.0	0.0	0.0
3339	G	-1.184010E-02	4.073689E-04	4.004053E-02	0.0	0.0	0.0
3341	G	-7.885765E-03	-9.885773E-04	4.177071E-02	0.0	0.0	0.0
3349	G	-8.378219E-03	-9.980933E-04	3.962459E-02	0.0	0.0	0.0
4631	G	-1.173712E-02	3.053590E-04	3.548758E-02	0.0	0.0	0.0
4633	G	-1.355910E-02	8.245336E-04	3.515455E-02	0.0	0.0	0.0
4637	G	-1.364210E-02	8.384325E-04	3.259416E-02	0.0	0.0	0.0
4639	G	-1.188460E-02	3.248646E-04	3.224839E-02	0.0	0.0	0.0
4641	G	-7.963529E-03	-7.686687E-04	3.562835E-02	0.0	0.0	0.0
4649	G	-8.280527E-03	-7.359451E-04	3.213980E-02	0.0	0.0	0.0
4661	G	-3.658333E-03	-1.883195E-03	3.526360E-02	0.0	0.0	0.0
4669	G	-4.134182E-03	-1.860065E-03	3.252325E-02	0.0	0.0	0.0
6123	G	-1.642162E-02	1.475349E-03	2.660167E-02	0.0	0.0	0.0
6127	G	-1.641162E-02	1.458448E-03	2.407977E-02	0.0	0.0	0.0
6131	G	-1.345566E-02	7.812663E-04	2.719660E-02	0.0	0.0	0.0
6133	G	-1.343333E-02	7.915494E-04	2.659180E-02	0.0	0.0	0.0
6137	G	-1.348635E-02	8.403957E-04	2.407477E-02	0.0	0.0	0.0
6139	G	-1.353263E-02	8.524277E-04	2.367326E-02	0.0	0.0	0.0
6141	G	-9.373669E-03	-6.462701E-04	2.731672E-02	0.0	0.0	0.0
6143	G	-9.258244E-03	-6.497460E-04	2.659052E-02	0.0	0.0	0.0
6147	G	-9.656217E-03	1.497755E-04	2.409595E-02	0.0	0.0	0.0
6149	G	-9.583682E-03	1.495982E-04	2.358305E-02	0.0	0.0	0.0
6161	G	-6.425623E-03	-1.633585E-03	2.734234E-02	0.0	0.0	0.0
6163	G	-6.388146E-03	-1.633146E-03	2.659233E-02	0.0	0.0	0.0
6167	G	-6.934132E-03	-4.614645E-04	2.412826E-02	0.0	0.0	0.0
6169	G	-6.740358E-03	-4.611716E-04	2.343933E-02	0.0	0.0	0.0
6171	G	-1.149783E-03	-2.691936E-03	3.080294E-02	0.0	0.0	0.0
6179	G	-1.817711E-03	-2.594830E-03	2.881273E-02	0.0	0.0	0.0
7031	G	-1.337551E-02	7.941202E-04	0.0	0.0	0.0	0.0
7033	G	-1.338707E-02	7.863354E-04	2.160446E-02	0.0	0.0	0.0
7037	G	-1.345434E-02	7.863354E-04	1.957524E-02	0.0	0.0	0.0
7039	G	-1.347492E-02	7.755379E-04	0.0	0.0	0.0	0.0
7043	G	-9.116437E-03	0.0	2.152332E-02	0.0	0.0	0.0
7047	G	-9.557214E-03	0.0	1.945542E-02	0.0	0.0	0.0
7061	G	-6.340690E-03	-1.967987E-03	2.016424E-02	0.0	0.0	0.0
7063	G	-6.333022E-03	-1.967989E-03	2.149327E-02	0.0	0.0	0.0
7067	G	-6.561682E-03	2.588506E-04	1.940954E-02	0.0	0.0	0.0
7069	G	-6.611411E-03	2.554047E-04	1.596335E-02	0.0	0.0	0.0
7071	G	-1.586661E-03	0.0	2.094543E-02	0.0	0.0	0.0
7079	G	-2.510672E-03	0.0	1.674506E-02	0.0	0.0	0.0
7505	G	-2.218943E-02	2.292411E-03	1.783646E-02	1.014611E-04	5.845851E-04	-3.363402E-06
8300	G	6.605759E-04	-1.534373E-03	1.352593E-02	0.0	0.0	0.0
8531	G	-1.309245E-02	7.503226E-04	0.0	0.0	0.0	0.0
8533	G	-1.338707E-02	7.376671E-04	1.314551E-02	0.0	0.0	0.0
8537	G	-1.345434E-02	7.376671E-04	1.111629E-02	0.0	0.0	0.0
8539	G	-1.325370E-02	7.207291E-04	0.0	0.0	0.0	0.0
8543	G	-8.928880E-03	0.0	1.318440E-02	0.0	0.0	0.0
8547	G	-9.353451E-03	0.0	1.118390E-02	0.0	0.0	0.0
8561	G	-6.468534E-03	-1.417892E-03	1.243274E-02	0.0	0.0	0.0
8563	G	-5.684193E-03	-1.425631E-03	1.319063E-02	0.0	0.0	0.0
8567	G	-6.259330E-03	2.378356E-04	1.120656E-02	0.0	0.0	0.0
8569	G	-6.671298E-03	2.378393E-04	9.792978E-03	0.0	0.0	0.0
8571	G	-2.325980E-03	0.0	1.317986E-02	0.0	0.0	0.0
8579	G	-3.357981E-03	0.0	9.602450E-03	0.0	0.0	0.0
9303	G	-8.355930E-03	2.424022E-03	9.312569E-03	0.0	0.0	0.0
9307	G	-9.263374E-03	2.428759E-03	6.791379E-03	0.0	0.0	0.0

9313	G	-6.7[illegible]E-03	2.055927E-03	8.316513E-03	0.0	0.0	0.0
9317	G	-7.4[illegible]E-03	2.079511E-03	6.789386E-03	0.0	0.0	0.0
9331	G	-1.2[illegible]E-02	6.097732E-04	8.726267E-03	0.0	0.0	0.0
9333	G	-1.3[illegible]E-02	6.226199E-04	8.450456E-03	0.0	0.0	0.0
9337	G	-1.3[illegible]E-02	7.016468E-04	6.824773E-03	0.0	0.0	0.0
9339	G	-1.3[illegible]E-02	7.250782E-04	5.986936E-03	0.0	0.0	0.0
9341	G	0.0	7.362490E-04	5.074930E-03	0.0	0.0	0.0
9343	G	-8.7[illegible]E-03	7.347659E-04	7.258859E-03	0.0	0.0	0.0
9347	G	-9.1[illegible]E-03	7.078644E-04	5.723942E-03	0.0	0.0	0.0
9349	G	0.0	5.116135E-04	2.297921E-03	0.0	0.0	0.0
9361	G	-6.[illegible]E-03	-2.246291E-04	7.010303E-03	0.0	0.0	0.0
9363	G	-5.800374E-03	-2.339113E-04	6.443154E-03	0.0	0.0	0.0
9367	G	-6.380983E-03	-2.864215E-04	4.975982E-03	0.0	0.0	0.0
9369	G	-7.029070E-03	-2.956290E-04	4.190572E-03	0.0	0.0	0.0
9371	G	-4.178319E-03	-5.537292E-04	[illegible]256253E-03	0.0	0.0	0.0
9373	G	0.0	-6.096158E-04	4.[illegible]E-03	0.0	0.0	0.0
9377	G	0.0	-8.379328E-04	3.134535E-03	0.0	0.0	0.0
9379	G	-4.891057E-03	-8.912468E-04	3.613153E-03	0.0	0.0	0.0
11300	G	-2.858960E-03	7.563736E-04	1.326448E-04	0.0	0.0	0.0
11503	G	-6.617207E-03	1.098595E-03	0.0	0.0	0.0	0.0
11507	G	-7.346127E-03	1.098595E-03	0.0	0.0	0.0	0.0
11531	G	-1.147112E-02	2.332987E-04	0.0	0.0	0.0	0.0
11533	G	-1.174482E-02	2.677061E-04	-2.275199E-03	0.0	0.0	0.0
11537	G	-1.180673E-02	5.119669E-04	-2.839172E-03	0.0	0.0	0.0
11539	G	-1.179826E-02	5.424919E-04	0.0	0.0	0.0	0.0
11543	G	-8.673958E-03	1.605230E-04	-2.265957E-03	0.0	0.0	0.0
11547	G	-8.908961E-03	1.605230E-04	-2.825316E-03	0.0	0.0	0.0
11561	G	-6.964792E-03	1.026071E-03	-2.299814E-03	0.0	0.0	0.0
11563	G	-6.227437E-03	1.029555E-03	-2.256480E-03	0.0	0.0	0.0
11567	G	-6.792925E-03	-1.029771E-03	-2.811127E-03	0.0	0.0	0.0
11569	G	-7.250600E-03	-1.025645E-03	-3.343617E-03	0.0	0.0	0.0
11571	G	-4.134029E-03	0.0	-9.737965E-04	0.0	0.0	0.0
11579	G	-5.283885E-03	0.0	-1.943959E-03	0.0	0.0	0.0
11700	G	-4.010357E-03	6.894846E-04	-1.664767E-03	0.0	0.0	0.0
13500	G	-9.238776E-03	2.310720E-04	-9.395666E-03	0.0	0.0	0.0
13801	G	-6.635554E-03	1.398959E-04	-9.313755E-03	0.0	0.0	0.0
13803	G	-6.569743E-03	1.570298E-04	-9.441175E-03	0.0	0.0	0.0
13807	G	-7.154476E-03	1.737001E-04	-9.490401E-03	0.0	0.0	0.0
13809	G	-7.479064E-03	1.814892E-04	-9.451780E-03	0.0	0.0	0.0
13821	G	-7.058181E-03	2.584352E-05	-9.243015E-03	0.0	0.0	0.0
13823	G	-7.564623E-03	6.408713E-05	-9.412013E-03	0.0	0.0	0.0
13827	G	-8.006185E-03	1.437930E-04	-9.427078E-03	0.0	0.0	0.0
13829	G	-8.059673E-03	1.808248E-04	-9.431139E-03	0.0	0.0	0.0
13831	G	-1.030304E-02	-5.694677E-05	-9.065129E-03	0.0	0.0	0.0
13833	G	-9.549499E-03	-1.560560E-05	-9.106770E-03	0.0	0.0	0.0
13837	G	-9.831514E-03	1.051348E-04	-9.116780E-03	0.0	0.0	0.0
13839	G	-1.071103E-02	1.240518E-04	-9.373400E-03	0.0	0.0	0.0
13841	G	0.0	1.810959E-04	-8.765925E-03	0.0	0.0	0.0
13843	G	-8.574970E-03	1.125995E-04	-8.868858E-03	0.0	0.0	0.0
13847	G	-8.803338E-03	1.050462E-04	-8.917026E-03	0.0	0.0	0.0
13848	G	-8.777801E-03	-2.729890E-04	-8.421987E-03	0.0	0.0	0.0
13849	G	0.0	-2.339772E-04	-4.893295E-03	0.0	0.0	0.0
13861	G	-6.950837E-03	4.535620E-04	-8.574035E-03	0.0	0.0	0.0
13863	G	-7.301416E-03	4.613837E-04	-8.766200E-03	0.0	0.0	0.0
13867	G	-7.412836E-03	-7.382999E-04	-7.791374E-03	0.0	0.0	0.0
13869	G	-7.264134E-03	-7.283976E-04	-7.888723E-03	0.0	0.0	0.0
13871	G	-5.708568E-03	0.0	-8.489173E-03	0.0	0.0	0.0
13879	G	-7.824473E-03	0.0	-4.723258E-03	0.0	0.0	0.0
14801	G	-6.635554E-03	9.507741E-05	-8.892864E-03	0.0	0.0	0.0
14803	G	-6.460987E-03	8.349291E-05	-8.939344E-03	0.0	0.0	0.0
14807	G	-8.977409E-03	-3.810416E-04	-8.963980E-03	0.0	0.0	0.0
14809	G	-7.479064E-03	-3.892656E-04	-8.903388E-03	0.0	0.0	0.0
14821	G	-7.090840E-03	7.891450E-05	-8.875038E-03	0.0	0.0	0.0
14823	G	-7.482212E-03	9.023771E-05	-8.939344E-03	0.0	0.0	0.0
14827	G	-7.920649E-03	-3.757370E-04	-8.963980E-03	0.0	0.0	0.0
14829	G	-8.066576E-03	-3.600279E-04	-8.869112E-03	0.0	0.0	0.0

14831	G	-1.009591E-02	1.986814E-04	-8.822266E-03	0.0	0.0	0.0
14833	G	-8.929983E-03	1.582131E-04	-8.870427E-03	0.0	0.0	0.0
14837	G	-9.247910E-03	-2.871521E-04	-8.894958E-03	0.0	0.0	0.0
14839	G	-1.051269E-02	-3.250712E-04	-8.783601E-03	0.0	0.0	0.0
14841	G	0.0	7.409122E-05	-8.757601E-03	0.0	0.0	0.0
14843	G	-8.535568E-03	6.278757E-05	-8.881450E-03	0.0	0.0	0.0
14847	G	-8.819468E-03	-9.458193E-05	-8.888576E-03	0.0	0.0	0.0
14849	G	0.0	-1.080744E-04	-8.712603E-03	0.0	0.0	0.0
14861	G	-7.065244E-03	1.702592E-05	-8.675721E-03	0.0	0.0	0.0
14863	G	-7.629987E-03	7.536022E-08	-8.883212E-03	0.0	0.0	0.0
14867	G	-8.028112E-03	6.949879E-06	-8.880798E-03	0.0	0.0	0.0
14869	G	-7.474124E-03	-6.707465E-06	-8.629449E-03	0.0	0.0	0.0
14881	G	-7.366934E-03	4.344872E-05	-8.338416E-03	0.0	0.0	0.0
14883	G	-8.889288E-03	4.351379E-05	-9.393247E-03	0.0	0.0	0.0
14887	G	-9.086572E-03	9.832960E-05	-8.427730E-03	0.0	0.0	0.0
14889	G	-7.967692E-03	9.219733E-05	-8.287802E-03	0.0	0.0	0.0
15212	G	-6.626308E-03	-1.565662E-04	-8.492272E-03	-7.514291E-07	-1.138491E-04	-6.161026E-05
15216	G	-7.361986E-03	-4.167145E-04	-8.566550E-03	-5.913538E-07	-1.051550E-04	-9.531165E-06
15601	G	-6.372597E-03	-3.960021E-04	-7.967554E-03	0.0	0.0	0.0
15603	G	-6.460987E-03	-4.022622E-04	-8.038800E-03	0.0	0.0	0.0
15607	G	-6.977405E-03	-4.564330E-04	-8.132204E-03	0.0	0.0	0.0
15609	G	-7.100385E-03	-4.644168E-04	-7.962778E-03	0.0	0.0	0.0
15621	G	-7.160854E-03	-3.803470E-04	-7.964585E-03	0.0	0.0	0.0
15623	G	-7.379659E-03	-3.955173E-04	-8.040056E-03	0.0	0.0	0.0
15625	G	-7.800691E-03	-4.190642E-04	-8.113652E-03	0.0	0.0	0.0
15627	G	-7.936563E-03	-4.511285E-04	-8.131217E-03	0.0	0.0	0.0
15629	G	-8.104719E-03	-4.528300E-04	-7.965488E-03	0.0	0.0	0.0
15633	G	-8.321472E-03	0.0	-8.133344E-03	0.0	0.0	0.0
15637	G	-8.015971E-03	0.0	-8.196421E-03	0.0	0.0	0.0
16481	G	-8.054819E-03	-6.300433E-05	-7.706523E-03	0.0	0.0	0.0
16483	G	-8.033960E-03	-3.596854E-05	0.0	0.0	0.0	0.0
16485	G	-8.964099E-03	6.986821E-05	0.0	0.0	0.0	0.0
16487	G	-8.996345E-03	1.664304E-04	0.0	0.0	0.0	0.0
16489	G	-8.816757E-03	1.904903E-04	-7.552680E-03	0.0	0.0	0.0
17130	G	-1.074030E-02	-6.508282E-04	-6.403331E-03	0.0	0.0	0.0
18601	G	-6.516207E-03	-1.328758E-03	-3.639354E-03	0.0	0.0	0.0
18603	G	-6.497841E-03	-1.361884E-03	-3.575862E-03	0.0	0.0	0.0
18607	G	-6.966472E-03	-1.389257E-03	-3.343552E-03	0.0	0.0	0.0
18609	G	-7.322393E-03	-1.348646E-03	-3.201921E-03	0.0	0.0	0.0
18621	G	-7.305399E-03	-1.126020E-03	-3.687470E-03	0.0	0.0	0.0
18623	G	-7.515520E-03	-1.131022E-03	-3.594050E-03	0.0	0.0	0.0
18625	G	-7.731535E-03	-1.135001E-03	-3.488122E-03	0.0	0.0	0.0
18627	G	-7.896565E-03	-1.138251E-03	-3.357646E-03	0.0	0.0	0.0
18629	G	-7.903125E-03	-1.144849E-03	-3.156196E-03	0.0	0.0	0.0
18631	G	-7.944246E-03	-4.819638E-04	-3.682596E-03	0.0	0.0	0.0
18633	G	0.0	-4.660066E-04	-3.597015E-03	0.0	0.0	0.0
18635	G	0.0	-4.159033E-04	-3.498803E-03	0.0	0.0	0.0
18637	G	0.0	-3.496602E-04	-3.415171E-03	0.0	0.0	0.0
18639	G	-8.044887E-03	-3.[illegible]49887E-04	-3.335999E-03	0.0	0.0	0.0
18641	G	-7.095490E-03	-8.577713E-06	-3.569173E-03	-4.634513E-06	-6.438772E-06	-3.261861E-05
18642	G	-7.159080E-03	7.059532E-06	-3.566990E-03	3.820615E-08	-4.746640E-05	-2.913694E-05
18643	G	-7.250853E-03	2.916295E-05	-3.563044E-03	0.0	-8.838101E-05	-2.327068E-05
18644	G	-7.233612E-03	1.274564E-04	-3.495042E-03	0.0	0.0	2.435793E-05
18645	G	-7.062495E-03	2.309131E-04	-3.460178E-03	0.0	0.0	3.199659E-05
18646	G	-6.918143E-03	3.535687E-04	-3.395836E-03	0.0	0.0	1.311215E-05
18647	G	-6.996408E-03	5.233821E-04	-3.394326E-03	0.0	-1.468907E-04	-4.303176E-05
18648	G	-7.160891E-03	5.662565E-04	-3.444325E-03	1.389784E-05	-9.379727E-05	-5.179904E-05
18649	G	-7.285815E-03	5.979831E-04	-3.485469E-03	3.652371E-05	-4.055721E-05	-7.479449E-05
18651	G	-7.127400E-03	1.608273E-05	-3.573504E-03	-8.274187E-06	-3.281650E-05	-5.618908E-05
18652	G	-7.240828E-03	2.382319E-05	-3.565343E-03	-4.903381E-06	-8.068033E-05	-5.633176E-05
18653	G	-7.295864E-03	5.163222E-04	-3.442220E-03	2.549187E-05	-1.040198E-04	-3.375851E-05
18654	G	-7.384611E-03	5.363915E-04	-3.503837E-03	3.290571E-05	-5.719975E-05	-5.884521E-05
18656	G	-7.437814E-03	5.288572E-05	-3.571923E-03	-4.716151E-06	-7.502119E-05	-1.118112E-04
18657	G	-7.649805E-03	9.431618E-05	-3.571158E-03	8.391282E-07	-7.785037E-05	-1.008351E-04
18658	G	-7.898938E-03	2.344377E-04	-3.457382E-03	2.583195E-05	-1.205301E-04	6.811734E-05
18659	G	-7.752344E-03	2.322596E-04	-3.515062E-03	3.783857E-05	-8.159288E-05	8.001042E-05

18661	G	-7.4307866E-03	1.1231568E-04	-3.5627530E-03	-9.0160355E-06	4.5464459E-06	-1.4492216E-04
18662	G	-7.6888414E-03	1.0846039E-04	-3.5664456E-03	3.7111326E-06	-2.7674266E-05	-1.3940956E-04
18663	G	-8.1592656E-03	1.0581166E-04	-3.5746886E-03	1.4126786E-05	-5.9806226E-05	-1.3165276E-04
18664	G	-8.8403936E-03	1.2305066E-04	-3.4820856E-03	0.0	0.0	-7.4893066E-05
18665	G	-9.0909646E-03	1.3559256E-04	-3.4173956E-03	0.0	0.0	-1.1349006E-05
18666	G	-8.9682086E-03	1.4770886E-04	-3.3784926E-03	0.0	0.0	5.4062856E-05
18667	G	-8.4086066E-03	1.5059346E-04	-3.3718146E-03	2.3191116E-05	-9.7689706E-05	1.1622656E-04
18668	G	-7.9891796E-03	1.4982836E-04	-3.3628426E-03	2.5199326E-05	-4.3387586E-05	1.2536866E-04
18669	G	-7.7265766E-03	1.3299426E-04	-3.5161206E-03	3.4825916E-05	1.0369196E-06	1.3371616E-04
18681	G	-8.7580946E-03	-1.1875726E-04	-3.5563176E-03	0.0	0.0	0.0
18683	G	-8.8710116E-03	-1.2313606E-04	-3.5925796E-03	1.9126786E-05	-5.9483796E-05	-2.2997486E-05
18685	G	-8.9574666E-03	-1.1425776E-04	-3.4159126E-03	0.0	0.0	0.0
18687	G	-9.4402026E-03	-1.2700436E-04	-3.3910176E-03	2.3191116E-05	-8.4425286E-05	-2.2997486E-05
18689	G	-9.2750646E-03	-1.2610966E-04	-3.5262126E-03	0.0	0.0	0.0
18983	G	-8.9520336E-03	-2.7870186E-04	-3.3525606E-03	0.0	-7.1653416E-05	-5.7681386E-05
18987	G	-9.5475806E-03	-2.8441266E-04	-3.1380236E-03	0.0	-6.0403146E-05	-5.8691736E-05
19741	G	-6.5213406E-03	-1.2569816E-03	-2.1369906E-03	-2.7256126E-05	-6.1500196E-05	4.5385566E-05
19742	G	-6.1417226E-03	-1.1911926E-03	-2.1055456E-03	7.0457036E-06	-1.2535866E-04	3.8232106E-05
19743	G	-6.0664786E-03	-1.1696546E-03	-2.1113266E-03	0.0	-1.4091296E-04	3.2768956E-05
19745	G	-5.9220196E-03	-1.0962376E-03	-2.1492446E-03	0.0	0.0	-5.6098936-07
19747	G	-6.1330246E-03	-1.0027866E-03	-2.1845496E-03	0.0	-1.4952176E-04	-5.6489046E-05
19748	G	-6.2764626E-03	-9.6862376E-04	-2.1770856E-03	-9.0609396E-06	-1.3079726E-04	-7.6114056E-05
19749	G	-6.9784266E-03	-8.5144266E-04	-2.2915976E-03	6.1605316E-05	-4.3759886E-05	-9.4165496E-05
19751	G	-6.9539886E-03	-1.0611146E-03	-2.1314376E-03	-4.8948126E-05	-5.8046246E-05	-1.5261586E-05
19752	G	-7.0766026E-03	-1.1204426E-03	-2.1112396E-03	1.7307036E-05	-1.2712296E-04	-1.6454906E-05
19758	G	-7.2545336E-03	-1.3020056E-03	-2.1877556E-03	-2.3912386E-05	-1.2881886E-04	-5.1103136E-06
19759	G	-7.2760256E-03	-1.4255036E-03	-2.2839986E-03	1.0422116E-04	-4.2469156E-05	1.8177376E-06
19761	G	-7.0906066E-03	-1.0994006E-03	-2.1323826E-03	6.0939536E-06	-5.4069336E-05	-3.9620006E-05
19762	G	-7.3911886E-03	-1.1339256E-03	-2.1161346E-03	-4.1487176E-06	-1.2752576E-04	-3.8680276E-05
19763	G	-7.4685926E-03	-1.1506306E-03	-2.1137456E-03	0.0	-1.3951876E-04	-3.2697316E-05
19765	G	-7.6385486E-03	-1.2103706E-03	-2.1793566E-03	0.0	0.0	-9.7088816E-06
19767	G	-7.6142776E-03	-1.2854836E-03	-2.1804486E-03	0.0	-1.4539026E-04	1.6349476E-05
19768	G	-7.5703086E-03	-1.3124996E-03	-2.1933946E-03	1.4891826E-05	-1.2766286E-04	2.4310856E-05
19769	G	-7.3775136E-03	-1.3701516E-03	-2.2833096E-03	-4.6059516E-06	-4.0547836E-05	2.5643656E-05
21183	G	-9.1738186E-03	-2.6153046E-03	-4.0605836E-04	0.0	-2.1785646E-04	-1.3633846E-04
21187	G	-9.8414096E-03	-2.7061076E-03	-5.1059556E-04	0.0	-2.4375316E-04	-1.4295396E-04
21321	G	-7.4411596E-03	-2.4068306E-03	4.0888486E-04	0.0	0.0	0.0
21323	G	-7.6900726E-03	-2.4816496E-03	2.6067046E-04	0.0	0.0	0.0
21325	G	-7.9744916E-03	-2.6077896E-03	2.3958446E-04	0.0	0.0	0.0
21327	G	-8.0273006E-03	-2.7319346E-03	4.1525676E-04	0.0	0.0	0.0
21329	G	-8.2078326E-03	-2.8100976E-03	8.1865056E-04	0.0	0.0	0.0
21341	G	-6.4916576E-03	-3.0665216E-03	9.8875686E-05	-1.4868486E-05	-1.0618316E-04	-4.2136466E-06
21343	G	-6.5134806E-03	-3.0821636E-03	1.0068766E-04	0.0	-1.0541306E-04	-3.7535356E-06
21345	G	-6.5959626E-03	-3.1518466E-03	6.3049016E-05	0.0	-9.1549076E-05	-1.3036766E-05
21347	G	-6.8993966E-03	-3.2943536E-03	7.8349176E-05	0.0	-7.7685176E-05	-4.0578096E-05
21349	G	-7.1386216E-03	-3.3619176E-03	1.2765276E-04	2.7689046E-05	-7.6915066E-05	-4.5172306E-05
21361	G	-6.3701386E-03	-3.0675426E-03	-1.1257786E-05	0.0	0.0	0.0
21363	G	-5.9801716E-03	-3.0135136E-03	8.5086406E-05	-1.5104806E-06	-2.5585886E-04	0.0
21364	G	-5.2792886E-03	-3.0048726E-03	7.7019696E-05	0.0	0.0	0.0
21366	G	-5.2628486E-03	-2.9112406E-03	7.5617126E-05	0.0	0.0	0.0
21367	G	-6.1334456E-03	-2.9072266E-03	5.6039096E-05	5.4869786E-06	-2.9738696E-04	0.0
21369	G	-6.6222146E-03	-2.8498396E-03	3.9210466E-05	0.0	0.0	0.0
21383	G	-9.1723806E-03	-2.9194626E-03	1.0913326E-04	-1.9430216E-05	-2.5014666E-04	-1.3745376E-04
21387	G	-9.8394756E-03	-3.0252816E-03	7.8582296E-05	1.7201576E-05	-2.8972006E-04	-1.4428366E-04
21485	G	0.0	-3.0733446E-03	5.3238826E-04	4.1380966E-06	0.0	0.0
21801	G	-7.2248176E-03	-2.9125446E-03	1.2052016E-03	0.0	0.0	0.0
21803	G	-7.5551466E-03	-2.8831386E-03	1.4238936E-03	0.0	0.0	0.0
21807	G	-7.7686796E-03	-2.6982876E-03	1.7629896E-03	0.0	0.0	0.0
21809	G	-7.7302346E-03	-2.6535786E-03	1.5975416E-03	0.0	0.0	0.0
21821	G	-7.4693566E-03	-2.3422196E-03	6.7834516E-04	0.0	0.0	0.0
21823	G	-7.7426696E-03	-2.5386176E-03	1.4214956E-03	0.0	0.0	0.0
21825	G	-8.0870546E-03	-2.7415976E-03	1.6377826E-03	0.0	0.0	0.0
21827	G	-8.0609996E-03	-2.9645896E-03	1.7531726E-03	0.0	0.0	0.0
21829	G	-8.1254956E-03	-3.1852236E-03	1.0603836E-03	0.0	0.0	0.0
22312	G	-7.4392336E-03	-2.9447076E-03	1.4180646E-03	0.0	0.0	0.0
22318	G	-7.9001006E-03	-2.8602696E-03	1.8238246E-03	0.0	0.0	0.0

22701	G	-7.702823E-03	-3.59[illegible]E-03	1.116953E-03	0.0	0.0	0.0
22703	G	-7.965293E-03	-3.5489[illegible]E-03	1.780603E-03	0.0	0.0	0.0
22707	G	-8.088756E-03	-2.7771[illegible]E-03	1.904d09[illegible]E-03	0.0	0.0	0.0
22709	G	-8.112211E-03	-2.6359[illegible]E-03	1.757275E-03	0.0	0.0	0.0
22721	G	-7.491950E-03	-2.6458[illegible]E-03	7.895923E-04	0.0	0.0	0.0
22723	G	-7.765260E-03	-2.852[illegible]E-03	1.710953E-03	0.0	0.0	0.0
22725	G	-8.405458E-03	-2.978920E-03	2.032265E-03	0.0	0.0	0.0
22727	G	-8.069593E-03	-3.0864[illegible]E-03	2.030190E-03	0.0	0.0	0.0
22729	G	-7.999383E-03	-3.2609[illegible]E-03	1.237332E-03	0.0	0.0	0.0
23100	G	-6.212000E-03	-2.8358[illegible]E-03	-2.208754E-03	0.0	0.0	0.0
25001	G	-1.009880E-02	-3.3167[illegible]E-03	-6.357261E-03	0.0	0.0	0.0
25003	G	-1.015689E-02	-3.390333E-03	-6.313190E-03	0.0	0.0	0.0
25007	G	-1.004955E-02	-3.4839[illegible]E-03	-5.715970E-03	0.0	0.0	0.0
25009	G	-1.003494E-02	-3.4035[illegible]E-03	-5.103018E-03	0.0	0.0	0.0
25021	G	-8.950543E-03	-3.0871[illegible]E-03	-4.424747E-03	0.0	0.0	0.0
25025	G	-9.056978E-03	-3.0941[illegible]E-03	-6.169725E-03	0.0	0.0	0.0
25029	G	-8.828115E-03	-3.1[illegible]E-03	-4.841536E-03	0.0	0.0	0.0
25041	G	-6.356180E-03	-1.91[illegible]E-03	-6.578788E-03	0.0	0.0	0.0
25045	G	0.0	-2.117[illegible]E-03	-6.737914E-03	0.0	0.0	0.0
25049	G	-6.296266E-03	-2.2864[illegible]E-03	-4.763708E-03	0.0	0.0	0.0
25061	G	-4.292153E-03	-1.43190[illegible]E-03	-6.612539E-03	0.0	0.0	0.0
25065	G	-4.316855E-03	-1.39606[illegible]E-03	-7.563756E-03	0.0	0.0	0.0
25069	G	-4.334379E-03	-1.425193E-03	-4.656579E-03	0.0	0.0	0.0
26401	G	-1.083985E-02	-3.228639E-03	-1.031266E-02	0.0	0.0	0.0
26309	G	-1.063912E-02	-3.302243E-03	-9.604137E-03	0.0	0.0	0.0
26321	G	-1.013574E-02	-2.819458E-03	-1.067500E-02	0.0	0.0	0.0
26325	G	-9.805847E-03	-2.944372E-03	-9.912401E-03	0.0	0.0	0.0
26329	G	-9.621140E-03	-2.851304E-03	-8.922366E-03	0.0	0.0	0.0
26341	G	-6.549854E-03	-2.132969[illegible]E-03	-1.075621E-02	0.0	0.0	0.0
26345	G	0.0	-2.150026E-03	-9.907272E-03	0.0	0.0	0.0
26349	G	-6.410583E-03	-2.165778E-03	-8.963805E-03	0.0	0.0	0.0
26351	G	-3.515169E-03	-1.570191E-03	-1.081542E-02	0.0	0.0	0.0
26355	G	-3.929283E-03	-1.581906E-03	-9.927228E-03	0.0	0.0	0.0
26359	G	-3.617022E-03	-1.591910E-03	-8.947596E-03	0.0	0.0	0.0
29935	G	-1. 891246E-02	-1.843106E-03	-2.113541E-02	0.0	0.0	0.0
29971	G	-1.[illegible]E-02	-1.[illegible]E-03	-2.[illegible]E-02	0.0	0.0	0.0
29975	G	-1.071750E-02	-1.863172E-03	-2.104431E-02	0.0	0.0	0.0
29979	G	-1.148102E-02	-1.948898E-03	-2.115528E-02	0.0	0.0	0.0
29981	G	-7.219236E-03	-1.978297E-03	-2.058896E-02	0.0	0.0	0.0
29985	G	0.0	-1.970951E-03	-2.029356E-02	0.0	0.0	0.0
29989	G	-6.983653E-04	-1.961298E-03	-2.080939E-02	0.0	0.0	0.0
29991	G	-3.050447E-03	-2.103364E-03	-2.040064E-02	0.0	0.0	0.0
29995	G	-3.518345E-03	-2.094817E-03	-2.055052E-02	0.0	0.0	0.0
29999	G	-2.610317E-03	-2.103364E-03	-2.060064E-02	0.0	0.0	0.0
30045	G	-7.194690E-03	-1.977373E-03	-2.079107E-02	8.381041E-06	3.303792E-04	1.790578E-05
31[illegible]5	G	-6.966237E-03	-1.486[illegible]E-03	-2.728709E-02	2.184734E-05	3.797393E-04	3.768987E-05
33845	G	-6.632462E-03	-5.350877E-04	-3.554643E-02	4.405834E-05	4.044126E-04	5.972901E-05
35945	G	-6.312896E-03	9.427448E-04	-4.399300E-02	7.268244E-05	3.956140E-04	8.522466E-05
38045	G	-6.046802E-03	2.[illegible]766146E-03	-5.171877E-02	1.107263E-04	3.362535E-04	1.101124E-04
40141	G	-1.211657E-02	5.247582E-03	-6.384814E-02	-5.448381E-04	2.000100E-04	2.572068E-04
40142	G	-9.358231E-03	5.247582E-03	-5.880493E-02	-3.678992E-04	2.000100E-04	2.249898E-04
40143	G	-7.306989E-03	5.247582E-03	-5.615120E-02	-7.104102E-05	2.000100E-04	1.710832E-04
40145	G	-5.912337E-03	5.247999E-03	-5.742745E-02	1.599365E-04	2.000824E-04	1.324589E-04
40147	G	-4.591282E-03	5.247593E-03	-5.941647E-02	4.212051E-04	2.000055E-04	1.202541E-04
40148	G	-3.320387E-03	5.247593E-03	-6.627208E-02	7.640840E-04	2.000055E-04	1.082914E-04
40149	G	-2.245798E-03	5.247593E-03	-7.562137E-02	9.690055E-04	2.000055E-04	1.011419E-04
42245	G	-5.987812E-03	7.999845E-03	-5.937061E-02	2.205835E-04	-1.888809E-05	1.536936E-04
44345	G	-6.421108E-03	1.112507E-02	-5.570557E-02	3.052454E-04	-3.352670E-04	1.769562E-04
45245	G	-6.747004E-03	1.263146E-02	-5.193475E-02	3.552234E-04	-5.016413E-04	1.883622E-04
46445	G	-7.307287E-03	1.463686E-02	-4.470587E-02	4.265294E-04	-7.148632E-04	2.036562E-04
48645	G	-1.917770E-02	1.057610E-02	-3.259321E-02	8.287523E-04	-7.929788E-04	5.128677E-04
48845	G	-2.627729E-02	7.924867E-03	-2.534866E-02	1.116663E-03	-8.796726E-04	7.622641E-04
49745	G	-3.419683E-02	5.042035E-03	-1.724641E-02	1.449788E-03	-9.588269E-04	1.071580E-03
50645	G	-4.269077E-02	2.157149E-03	-8.544680E-03	1.640194E-03	-1.016885E-03	1.461316E-03
51545	G	-5.166214E-02	-4.712369E-04	6.348474E-04	2.279771E-03	-1.065089E-03	1.937592E-03
52045	G	-6.118532E-02	-1.[illegible]40072E-02	5.273795E-03	2.963798E-03	-1.086695E-03	2.479194E-03

61912	G	-7.2040994E-03	1.4929786E-04	-3.5848266E-03	-1.4921488E-05	3.3652788E-05	-1.4321616E-04
61913	G	-7.2479549E-03	1.5009837E-04	-3.5848266E-03	-1.4921488E-05	3.3652788E-05	3.0827406E-06
61914	G	-7.2841124E-03	1.1229246E-04	-3.5848266E-03	-1.4921488E-05	3.3652788E-05	-1.1614636E-04
61916	G	-7.0538029E-03	1.7088965E-05	-3.5940736E-03	-1.6396986E-05	-1.9609126E-07	-5.5157356E-05
61917	G	-7.0528411E-03	1.4503056E-05	-3.5940736E-03	-1.6396986E-05	-1.9609126E-07	-1.7938346E-04
61918	G	-7.0526008E-03	5.2999056E-05	-3.5940736E-03	-1.6396986E-05	-1.9609126E-07	-3.1700566E-05
61922	G	-7.0014898E-03	-9.1461296E-04	-2.2278876E-03	-8.1556546E-05	-7.8866946E-05	-2.8533286E-05
61923	G	-6.9320886E-03	1.3063836E-03	-2.2278876E-03	-8.1556546E-05	-7.8866946E-05	-1.4872056E-05
61924	G	-6.8682026E-03	1.3724446E-03	-2.2278876E-03	-8.1556546E-05	-7.8866946E-05	2.7496796E-05
61926	G	-6.6413326E-03	1.3527846E-03	-2.2219206E-03	-8.7128066E-05	-7.5036476E-05	-9.2899216E-05
61927	G	-6.5903076E-03	1.3120316E-03	-2.2219206E-03	-8.7128086E-05	-7.5036496E-05	4.8163746E-05
61928	G	-6.5137676E-03	-1.4009016E-03	-2.2219206E-03	-8.7128066E-05	-7.5036476E-05	-1.1251036E-04
61934	G	-6.5527006E-03	-2.9661356E-03	-3.8999876E-05	-1.3286436E-04	-1.0626816E-04	-8.3670676E-05
61935	G	-6.4846876E-03	-3.0531686E-03	-3.8998976E-05	-1.3286436E-04	-1.0626816E-04	-4.4258276E-06
61936	G	-6.4103016E-03	-3.1461736E-03	-3.8998976E-05	-1.3286436E-04	-1.0626816E-04	-8.7897736E-05
62211	G	-7.4288106E-03	3.8599046E-04	-3.7127806E-03	0.0	0.0	0.0
62213	G	-7.2346966E-03	1.6946086E-04	-3.7142206E-03	-4.4105556E-05	5.6061596E-05	-9.8975066E-06
62217	G	-6.5542686E-03	-1.9321116E-04	-3.7191286E-03	-4.9615026E-05	3.2993536E-05	-1.4986536E-04
62219	G	-6.3962306E-03	-4.0844716E-04	-3.7181676E-03	0.0	0.0	0.0
62221	G	-7.2089666E-03	-7.0496396E-04	-2.5453996E-03	-1.9679566E-04	-3.6586596E-04	-5.5643156E-05
62224	G	-6.9289696E-03	-9.8921596E-04	-2.5476856E-03	-8.8301576E-05	7.5686586E-05	1.8375736E-05
62226	G	-6.3711376E-03	-1.3913576E-03	-2.5509826E-03	-1.1295766E-04	-7.1982206E-05	-9.3101716E-05
62229	G	-6.1561206E-03	-1.5496006E-03	-2.5500376E-03	-1.4807716E-04	-1.4719406E-04	-1.0186196E-04
62231	G	-6.3980676E-03	-2.8183146E-03	-6.1948716E-04	-1.6803256E-04	-1.0265636E-04	-8.2759296E-05
62239	G	-6.1476316E-03	-3.1307856E-03	-6.1744756E-04	-2.1372676E-04	-1.0784836E-04	-8.6875976E-05
62811	G	-6.9648596E-03	2.8197356E-04	-4.1309986E-03	0.0	0.0	0.0
62819	G	-5.9459436E-03	-4.5940986E-04	-4.1380236E-03	0.0	0.0	0.0
62821	G	-6.7467176E-03	-7.5287676E-04	-3.0533486E-03	0.0	0.0	0.0
62829	G	-5.7398386E-03	-1.5118896E-03	-3.0508916E-03	0.0	0.0	0.0
62831	G	-5.9816286E-03	-2.7492226E-03	-1.3402256E-03	0.0	0.0	0.0
62839	G	-5.7356256E-03	-3.0245506E-03	-1.3413676E-03	0.0	0.0	0.0
63411	G	-6.4218866E-03	2.1858886E-04	-4.5453876E-03	0.0	0.0	0.0
63419	G	-5.5508956E-03	-5.9124226E-04	-4.5457676E-03	0.0	0.0	0.0
63421	G	-6.2162996E-03	-8.0360196E-04	-3.5440736E-03	0.0	0.0	0.0
63429	G	-5.3412886E-03	-1.6766986E-03	-3.5465566E-03	0.0	0.0	0.0
63431	G	-5.5532646E-03	-2.6708026E-03	-2.0491826E-03	0.0	0.0	0.0
63439	G	-5.3287826E-03	-2.9301406E-03	-2.0502506E-03	0.0	0.0	0.0
64211	G	-5.7118916E-03	1.2433636E-04	-5.2807526E-03	0.0	0.0	0.0
64219	G	-5.0090146E-03	-7.2703916E-04	-5.2787856E-03	0.0	0.0	0.0
64221	G	-5.5210116E-03	-8.6339876E-04	-4.3786326E-03	0.0	0.0	0.0
64229	G	-4.8054496E-03	-1.7494586E-03	-4.3795636E-03	-1.1893576E-04	-9.4355326E-05	-1.0728246E-04
64231	G	-4.9822376E-03	-2.5396616E-03	-3.1320606E-03	0.0	0.0	0.0
64239	G	-4.7827366E-03	-2.8085736E-03	-3.1329526E-03	0.0	0.0	0.0
65011	G	-5.0827796E-03	2.9067336E-05	-6.1593136E-03	0.0	0.0	0.0
65019	G	-4.5195076E-03	-8.0169256E-04	-6.1569106E-03	0.0	0.0	0.0
65021	G	-4.9024676E-03	-9.1232296E-04	-5.3493276E-03	0.0	0.0	0.0
65029	G	-4.3268616E-03	-1.7950906E-03	-5.3474056E-03	0.0	0.0	0.0
65031	G	-4.4716226E-03	-2.3997406E-03	-4.3212886E-03	0.0	0.0	0.0
65039	G	-4.2945566E-03	-2.6853456E-03	-4.3216326E-03	0.0	0.0	0.0
65911	G	-4.4934236E-03	-8.5345676E-05	-7.1580156E-03	0.0	0.0	0.0
65919	G	-4.0523006E-03	-8.1385396E-04	-7.1710206E-03	0.0	0.0	0.0
65921	G	-4.3363096E-03	-9.9298456E-04	-6.4659836E-03	0.0	0.0	0.0
65929	G	-3.8833676E-03	-1.7949576E-03	-6.4779596E-03	-1.4581466E-04	-7.9299986E-05	-1.1225786E-04
65931	G	-3.9369286E-03	-2.2633216E-03	-5.6211356E-03	0.0	0.0	0.0
65939	G	-3.8384196E-03	-2.5503316E-03	-5.6214636E-03	0.0	0.0	0.0
71912	G	-7.5401536E-03	8.1180366E-05	-3.5741446E-03	4.7844306E-05	3.7031156E-05	1.3286576E-04
71913	G	-7.5958156E-03	1.4275606E-04	-3.5741446E-03	4.7844306E-05	3.7031156E-05	-2.9106026E-04
71914	G	-7.6399936E-03	1.9983426E-04	-3.5741466E-03	4.7844306E-05	3.7031156E-05	8.5764016E-05
71916	G	-7.4746616E-03	6.1956866E-04	-3.5501136E-03	3.9929706E-05	-3.5389576E-05	-7.1157036E-05
71917	G	-7.4392376E-03	6.5953826E-04	-3.5501136E-03	3.9929706E-05	-3.5389576E-05	-2.2046546E-04
71918	G	-7.3971566E-03	7.0701476E-04	-3.5501136E-03	3.9929706E-05	-3.5389576E-05	-8.7241306E-05
71922	G	-7.3212276E-03	-1.6925646E-03	-2.4860406E-03	1.7118856E-04	-5.6931786E-05	-2.7928836E-04
71923	G	-7.2711266E-03	-1.5419186E-03	-2.4860406E-03	1.7118856E-04	-5.6931786E-05	4.1212056E-06
71924	G	-7.2250116E-03	-1.4032566E-03	-2.4860406E-03	1.7118856E-04	-5.6931786E-05	-3.7781456E-04
71926	G	-7.1468766E-03	-8.5647246E-04	-2.4718546E-03	1.8310226E-04	-2.9607156E-05	-2.9572906E-04
71927	G	-7.1267616E-03	-7.3196276E-04	-2.4718546E-03	1.8310226E-04	-2.9607176E-05	-1.0529826E-04

71928	G	-7.0965446E-03	-5.4519936E-04	-2.4718546E-03	1.8310226E-04	-2.9607156E-05	-2.7036266E-04
71934	G	-7.2612916E-03	-3.6619966E-03	-1.9058046E-04	3.0055876E-04	-7.6828486E-05	-2.4667436E-04
71935	G	-7.2121216E-03	-3.4699386E-03	-1.9058646E-04	3.0055876E-04	-7.6828506E-05	-4.6320116E-05
71936	G	-7.1583436E-03	-3.2592476E-03	-1.9059646E-04	3.0055876E-04	-7.6828486E-05	-2.7108246E-04
72211	G	-8.5435476E-03	-4.8538486E-04	-3.8322726E-03	0.0	0.0	0.0
72213	G	-8.4410616E-03	-1.1228356E-04	-3.8345976E-03	9.5441606E-05	7.1946586E-05	-2.7520586E-04
72217	G	-8.1250526E-03	6.2139036E-04	-3.8216716E-03	1.3142666E-04	-1.5392236E-05	-2.1959376E-04
72219	G	-8.0684356E-03	1.3758846E-03	-3.8158176E-03	0.0	0.0	0.0
72221	G	-8.4661326E-03	-2.3596336E-03	-3.1881796E-03	3.9600256E-04	-4.0740146E-04	-2.4477116E-04
72224	G	-8.3173516E-03	-1.7457326E-03	-3.1916246E-03	2.0738646E-04	2.1306266E-04	-3.6213946E-04
72226	G	-8.0371836E-03	-9.1512736E-04	-3.2005946E-03	2.6693856E-04	-1.3517816E-04	-2.8113286E-04
72229	G	-7.9357626E-03	-5.0163086E-04	-3.1994256E-03	2.8356316E-04	2.0638336E-05	-2.6151146E-04
72231	G	-8.0868456E-03	-4.2471896E-03	-1.8287336E-03	6.0761306E-04	-9.6721526E-05	-2.4185476E-04
72229	G	-7.9661386E-03	-3.3444866E-03	-1.8185586E-03	6.3626516E-04	-6.8399556E-05	-2.6563246E-04
72811	G	-9.7539766E-03	-7.6396046E-04	-4.7780016E-03	0.0	0.0	0.0
72819	G	-9.4345296E-03	6.4127786E-04	-4.8258456E-03	0.0	0.0	0.0
72821	G	-9.7041766E-03	-2.6667916E-03	-4.5108506E-03	0.0	0.0	0.0
72829	G	-9.3896846E-03	-7.9741176E-04	-4.5087426E-03	0.0	0.0	0.0
72831	G	-9.5081706E-03	-4.4850936E-03	-3.9349506E-03	0.0	0.0	0.0
72839	G	-9.4202656E-03	-3.7421176E-03	-3.9386206E-03	0.0	0.0	0.0
73411	G	-1.0900606E-02	-1.4020246E-03	-5.7711386E-03	0.0	0.0	0.0
73419	G	-1.0909566E-02	4.2308736E-04	-5.7762236E-03	0.0	0.0	0.0
73421	G	-1.0908716E-02	-2.9844106E-03	-5.8207036E-03	0.0	0.0	0.0
73429	G	-1.0917856E-02	-1.1384236E-03	-5.8262506E-03	0.0	0.0	0.0
73431	G	-1.0953656E-02	-4.7500326E-03	-5.8429876E-03	0.0	0.0	0.0
73439	G	-1.0951106E-02	-4.0840366E-03	-5.8466186E-03	0.0	0.0	0.0
74211	G	-1.2665926E-02	-1.5754496E-03	-7.4335576E-03	0.0	0.0	0.0
74219	G	-1.3084586E-02	-1.9244546E-05	-7.4424266E-03	0.0	0.0	0.0
74221	G	-1.2783546E-02	-3.4636986E-03	-7.9982786E-03	0.0	0.0	0.0
74229	G	-1.3206466E-02	-1.6000276E-03	-7.9894446E-03	2.5012746E-04	5.7398976E-05	-1.6584736E-04
74231	G	-1.3128936E-02	-5.1663986E-03	-8.7034466E-03	0.0	0.0	0.0
74239	G	-1.3237966E-02	-4.5017756E-03	-8.7367946E-03	0.0	0.0	0.0
75011	G	-1.4531336E-02	-2.0413436E-03	-9.3437366E-03	0.0	0.0	0.0
75019	G	-1.5293526E-02	-5.8527176E-04	-9.3493676E-03	0.0	0.0	0.0
75021	G	-1.4785066E-02	-3.9642496E-03	-1.0468856E-02	0.0	0.0	0.0
75029	G	-1.5561496E-02	-2.1446586E-03	-1.0467166E-02	0.0	0.0	0.0
75031	G	-1.5377326E-02	-5.5785666E-03	-1.1786406E-02	0.0	0.0	0.0
75039	G	-1.5600896E-02	-4.8886436E-03	-1.1787356E-02	0.0	0.0	0.0
75911	G	-1.6496306E-02	-2.5161686E-03	-1.1427226E-02	0.0	0.0	0.0
75919	G	-1.7541306E-02	-1.2674816E-03	-1.1422456E-02	0.0	0.0	0.0
75921	G	-1.6969016E-02	-4.4233996E-03	-1.3320056E-02	0.0	0.0	0.0
75929	G	-1.8032326E-02	-2.8190506E-03	-1.3375216E-02	2.9170286E-04	2.2343486E-04	-1.7753056E-04
75931	G	-1.7723916E-02	-5.9439696E-03	-1.5079616E-02	0.0	0.0	0.0
75939	G	-1.8037556E-02	-5.2606916E-03	-1.5082096E-02	0.0	0.0	0.0
122400	G	4.9511096E-04	1.2645426E-02	-7.7913546E-03	-1.1890876E-04	-5.8369906E-05	-1.2650256E-04
123467	G	-4.3308446E-03	-1.4088386E-03	-3.2103306E-03	0.0	0.0	0.0
123487	G	-4.5732626E-04	1.0878956E-02	-6.0815226E-03	0.0	0.0	0.0
124800	G	4.9511096E-04	9.6220086E-03	-6.3963156E-03	-1.1890876E-04	-5.8369906E-05	-1.2650256E-04
125063	G	-4.2970186E-03	-1.4319056E-03	-6.7960256E-03	0.0	0.0	0.0
125065	G	-4.3189496E-03	-1.3960636E-03	-7.1985426E-03	0.0	0.0	0.0
125067	G	-4.3309266E-03	-1.4251936E-03	-4.6565796E-03	0.0	0.0	0.0
125383	G	2.3037656E-03	8.2868826E-03	-7.4808526E-03	0.0	0.0	0.0
125387	G	-6.6423706E-04	8.2868826E-03	-4.6910166E-03	0.0	0.0	0.0
126363	G	-3.6495966E-03	-1.5731916E-03	-1.0527106E-02	0.0	0.0	0.0
126367	G	-3.7183866E-03	-1.5919106E-03	-9.2655946E-03	0.0	0.0	0.0
127700	G	4.9511096E-04	6.4847436E-03	-4.9492426E-03	-1.1890876E-04	-5.8369906E-05	-1.2650256E-04
189073	G	-1.1726566E-02	-1.3027046E-03	-3.5068476E-03	6.7287666E-05	-3.0277346E-04	-6.0554916E-05
189077	G	-1.3223296E-02	-1.3027046E-03	-5.1722156E-03	6.7287666E-05	-3.0277346E-04	-6.0554916E-05
200070	G	-1.0181936E-02	-1.4025186E-03	-1.2936306E-03	6.7287666E-05	-3.0277346E-04	-6.0554916E-05
200078	G	-1.2473936E-02	-1.9118866E-03	-1.2936306E-03	6.7287666E-05	-3.0277346E-04	-6.0554916E-05
200079	G	-1.2922846E-02	-2.3115066E-03	-1.2947276E-03	6.7407696E-05	-3.0382496E-04	-6.0554916E-05
200086	G	-1.5744856E-02	-2.6207626E-03	-1.2973946E-03	7.9802006E-05	-3.7058706E-04	-6.0554916E-05
200087	G	-1.5123536E-02	-2.4981826E-03	-1.2973946E-03	6.7710866E-05	-3.0707406E-04	-6.0554916E-05
200095	G	-1.8508836E-02	-3.2224436E-03	-1.3006366E-03	5.5452246E-05	-2.4539916E-04	-6.0554916E-05
200096	G	-1.7819076E-02	-3.0907526E-03	-1.3006366E-03	6.7656326E-05	-3.0879896E-04	-6.0554916E-05
200101	G	-1.9572706E-02	-3.4743506E-03	-1.3027386E-03	3.2366216E-05	-1.2755886E-04	-6.0554916E-05

200106	G	-1.992934E-02	-3.579759E-03	-1.396684E-03	5.822162E-06	-1.632773E-06	-6.055491E-05
200114	G	-1.913497E-02	-3.476469E-03	-1.312612E-03	-3.228874E-05	1.977186E-04	-6.055491E-05
200121	G	-1.716227E-02	-3.135885E-03	-1.317799E-03	-6.476016E-05	3.647681E-04	-6.055491E-05
200129	G	-1.355750E-02	-2.484932E-03	-1.323727E-03	-9.648390E-05	5.287670E-04	-6.055491E-05
200137	G	-8.829494E-03	-1.615851E-03	-1.323726E-03	-1.193021E-04	6.468117E-04	-6.055491E-05
200145	G	-3.334126E-03	-6.304025E-04	-1.323726E-03	-1.330062E-04	7.177503E-04	-6.055491E-05
200153	G	2.353074E-03	4.544165E-04	-1.323726E-03	-1.373920E-04	7.404531E-04	-6.055491E-05
200155	G	3.969466E-03	7.580516E-04	-1.323725E-03	-1.373920E-04	7.404531E-04	-6.055491E-05
211001	G	9.988173E-01	-4.168873E-01	-4.629943E-01	-2.859635E-02	-1.856687E-02	-1.435079E-03
211002	G	1.000000E 00	-4.267626E-01	-4.550345E-01	2.871200E-02	-1.844239E-02	1.254744E-03
211073	G	-1.172456E-02	-2.621589E-03	3.087561E-03	6.728766E-05	-3.027734E-04	-6.055491E-05
211077	G	-1.322329E-02	-2.621589E-03	1.422191E-03	6.728766E-05	-3.027734E-04	-6.055491E-05
214075	G	-1.247393E-02	-2.789932E-03	3.096587E-03	6.728766E-05	-3.027734E-04	-6.055491E-05
214901	G	9.988173E-01	-4.734725E-01	2.690971E-01	-2.859635E-02	-1.856687E-02	-1.435079E-03
214902	G	1.000000E 00	4.762372E-01	2.721788E-01	2.871200E-02	-1.844239E-02	1.254744E-03
215101	G	3.309710E-01	-4.353724E-02	9.635574E-02	-1.313489E-02	-4.326521E-02	1.145432E-02
215102	G	3.326040E-01	4.335106E-02	9.764910E-02	1.325399E-02	-4.019018E-02	-1.154361E-02
215201	G	-7.361986E-03	-4.167145E-04	-8.546550E-03	-4.466578E-03	-4.264728E-02	6.973598E-03
215202	G	-6.626308E-03	-1.565662E-04	-8.492272E-03	4.496582E-03	-4.261481E-02	-7.032827E-03
222001	G	9.968188E-01	-9.848269E-01	8.425740E-01	-4.533432E-02	-1.967302E-02	8.771899E-04
222002	G	9.980080E-01	9.741918E-01	8.375621E-01	4.510575E-02	-1.958916E-02	-1.025934E-03
222201	G	3.453008E-01	-1.556512E-01	4.322709E-01	-3.719667E-02	-3.718468E-02	1.181593E-02
222202	G	3.464269E-01	1.491789E-01	4.297231E-01	3.700174E-02	-3.715111E-02	-1.187862E-02
222301	G	-7.900100E-03	-2.860269E-03	1.823824E-03	-1.869468E-02	-3.928244E-02	7.075571E-03
222302	G	-7.439233E-03	-2.944707E-03	1.418064E-03	1.862546E-02	-3.927033E-02	-7.114179E-03
223401	G	9.968188E-01	-9.720637E-01	1.128816E 00	-4.533432E-02	-1.967302E-02	8.771899E-04
223402	G	9.980080E-01	9.592644E-01	1.122584E 00	4.510575E-02	-1.958916E-02	-1.025934E-03
520018	G	-6.563860E-02	-1.034073E-02	1.092035E-02	2.578467E-03	-1.086695E-03	2.467491E-03
520024	G	-6.716459E-02	-1.034073E-02	1.251873E-02	2.578613E-03	-1.086695E-03	2.468336E-03
520057	G	-7.545060E-02	-1.034093E-02	2.104446E-02	2.678172E-03	-1.086695E-03	2.689308E-03
520065	G	-7.755041E-02	-1.034097E-02	2.310533E-02	2.747644E-03	-1.086695E-03	2.842738E-03
520068	G	-7.861686E-02	-1.034099E-02	2.412863E-02	2.784276E-03	-1.086695E-03	2.923129E-03
520079	G	-8.189690E-02	-1.034143E-02	2.719144E-02	2.884946E-03	-1.086695E-03	3.144969E-03
520135	G	-1.028242E-01	-1.034454E-02	4.481460E-02	3.339587E-03	-1.086695E-03	4.140701E-03
520139	G	-1.045280E-01	-1.034483E-02	4.618695E-02	3.352524E-03	-1.086695E-03	4.168313E-03
520152	G	-1.100190E-01	-1.034575E-02	5.059308E-02	3.369040E-03	-1.086695E-03	4.203264E-03
520185	G	-1.238813E-01	-1.034575E-02	6.170414E-02	3.369040E-03	-1.086695E-03	4.203264E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.646956E 04

REAL EIGENVECTOR NO. 18

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-2.543833E-03	2.652326E-02	2.537336E-01	0.0	0.0	0.0
3339	G	-1.847316E-04	2.653880E-02	-2.576442E-01	0.0	0.0	0.0
3341	G	4.207762E-02	-4.189510E-01	3.793939E-01	0.0	0.0	0.0
3349	G	-4.604167E-02	-4.185234E-01	-3.833957E-01	0.0	0.0	0.0
4631	G	-4.221741E-03	3.049606E-02	5.755565E-01	0.0	0.0	0.0
4633	G	-8.388512E-03	2.136768E-01	4.550272E-01	0.0	0.0	0.0
4637	G	5.946845E-03	2.136466E-01	-4.565643E-01	0.0	0.0	0.0
4639	G	1.456680E-03	3.044602E-02	-5.770833E-01	0.0	0.0	0.0
4641	G	9.579852E-03	-3.459696E-01	6.201953E-01	0.0	0.0	0.0
4649	G	-1.311995E-02	-3.461572E-01	-6.217515E-01	0.0	0.0	0.0
4661	G	3.977673E-02	-7.480458E-01	4.873832E-01	0.0	0.0	0.0
4669	G	-4.382227E-02	-7.488450E-01	-4.889716E-01	0.0	0.0	0.0
6123	G	-2.387957E-02	4.698025E-01	4.501106E-01	0.0	0.0	0.0
6127	G	2.242170E-02	4.703006E-01	-4.489586E-01	0.0	0.0	0.0
6131	G	-1.231821E-02	2.350558E-01	6.337544E-01	0.0	0.0	0.0
6133	G	-7.700566E-03	2.353649E-01	4.486606E-01	0.0	0.0	0.0
6137	G	5.140263E-03	2.353451E-01	-4.474200E-01	0.0	0.0	0.0
6139	G	9.817056E-03	2.349880E-01	-6.334602E-01	0.0	0.0	0.0
6141	G	-1.705713E-03	-1.646745E-01	6.731530E-01	0.0	0.0	0.0
6143	G	1.765352E-02	-1.647853E-01	4.444596E-01	0.0	0.0	0.0
6147	G	-2.142246E-02	-1.681335E-01	-4.434716E-01	0.0	0.0	0.0
6149	G	-2.103855E-03	-1.680699E-01	-6.731592E-01	0.0	0.0	0.0
6161	G	8.191978E-03	-4.605832E-01	7.027438E-01	0.0	0.0	0.0
6163	G	3.238140E-02	-4.608427E-01	4.415877E-01	0.0	0.0	0.0
6167	G	-3.478529E-02	-4.658273E-01	-4.411058E-01	0.0	0.0	0.0
6169	G	-1.278318E-02	-4.656249E-01	-7.025934E-01	0.0	0.0	0.0
6171	G	8.420660E-02	-1.000000E 00	4.586702E-01	0.0	0.0	0.0
6177	G	-8.789693E-02	-9.984691E-01	-4.607481E-01	0.0	0.0	0.0
7331	G	-4.735022E-03	2.425341E-01	0.0	0.0	0.0	0.0
7333	G	-8.054658E-03	2.423680E-01	4.029065E-01	0.0	0.0	0.0
7337	G	1.632739E-03	2.423 [illegible]0E-01	-4.046066E-01	0.0	0.0	0.0
7339	G	7.134432E-03	2.425865E-01	0.0	0.0	0.0	0.0
7343	G	1.799341E-02	0.0	4.077660E-01	0.0	0.0	0.0
7347	G	-2.259635E-02	0.0	-4.107116E-01	0.0	0.0	0.0
7361	G	-3.000773E-03	-4.219760E-01	7.527891E-01	0.0	0.0	0.0
7363	G	3.349225E-02	-4.219763E-01	4.096313E-01	0.0	0.0	0.0
7367	G	-3.541676E-02	-4.342517E-01	-4.127607E-01	0.0	0.0	0.0
7369	G	8.159333E-04	-4.336666E-01	-7.865329E-01	0.0	0.0	0.0
7371	G	1.076615E-01	0.0	7.701896E-01	0.0	0.0	0.0
7379	G	-1.113865E-01	0.0	-8.045823E-01	0.0	0.0	0.0
7505	G	-9.914815E-03	8.902843E-01	-3.583032E-03	4.037566E-02	5.802568E-01	4.843699E-04
8330	G	9.472117E-03	-6.819403E-01	-6.155830E-03	0.0	0.0	0.0
8331	G	-5.603546E-03	2.490448E-01	0.0	0.0	0.0	0.0
8333	G	-6.054658E-03	2.493768E-01	3.945102E-01	0.0	0.0	0.0
8337	G	5.632739E-03	2.493768E-01	-4.130029E-01	0.0	0.0	0.0
8339	G	1.870601E-03	2.485798E-01	0.0	0.0	0.0	0.0
8343	G	1.809050E-02	0.0	3.885741E-01	0.0	0.0	0.0
8347	G	-2.239716E-02	0.0	-4.054447E-01	0.0	0.0	0.0
8351	G	-2.315841E-02	-3.273612E-01	6.775225E-01	0.0	0.0	0.0
8353	G	4.168240E-02	-3.282180E-01	3.866322E-01	0.0	0.0	0.0
8357	G	-4.259034E-02	-3.253457E-01	-4.029471E-01	0.0	0.0	0.0
8359	G	2.465332E-02	-3.253458E-01	-7.203764E-01	0.0	0.0	0.0
8371	G	1.145037E-01	0.0	6.865280E-01	0.0	0.0	0.0
8379	G	-1.223905E-01	0.0	-7.285720E-01	0.0	0.0	0.0
9333	G	1.410770E-01	9.803874E-01	3.099785E-01	0.0	0.0	0.0
9337	G	-1.242456E-01	9.809353E-01	-3.291509E-01	0.0	0.0	0.0

9313	G	9.3437A1E-02	8.2695B4E-01	3.1121A5E-01	0.0	0.0	0.0
9317	G	-8.184838E-02	8.2966B3E-01	-3.3016D4E-01	0.0	0.0	0.0
9331	G	-2.1482B6E-03	2.4302B3E-01	5.5399A6E-01	0.0	0.0	0.0
9333	G	-1.0901A6E-02	2.4235B3E-01	3.3251B3E-01	0.0	0.0	0.0
9337	G	3.7842B1E-03	2.3747D2E-01	-3.5106B4E-01	0.0	0.0	0.0
9339	G	-2.2811B8E-03	2.3719A4E-01	-5.9337A7E-01	0.0	0.0	0.0
9341	G	0.0	2.2301A6E-03	5.3747D0E-01	0.0	0.0	0.0
9343	G	1.7703B9E-02	4.6041B7E-03	3.2336B5E-01	0.0	0.0	0.0
9347	G	-2.0880D3E-02	9.3436B6E-03	-3.4122A4E-01	0.0	0.0	0.0
9349	G	0.0	7.6097D6E-03	-5.7675A5E-01	0.0	0.0	0.0
9351	G	-3.1968B2E-02	-2.0370B7E-01	5.6636B7E-01	0.0	0.0	0.0
9353	G	5.3060D6E-02	-2.0402B0E-01	3.1237B2E-01	0.0	0.0	0.0
9357	G	-5.5004A4E-02	-2.0726B3E-01	-3.3149B3E-01	0.0	0.0	0.0
9359	G	3.3111A1E-02	-2.0686A0E-01	-5.9967B5E-01	0.0	0.0	0.0
9361	G	-4.5139B7E-02	-3.8429B2E-01	5.3962A2E-01	0.0	0.0	0.0
9363	G	0.0	-3.8675B2E-01	3.1371B7E-01	0.0	0.0	0.0
9367	G	0.0	-3.9189A1E-01	-3.3369A0E-01	0.0	0.0	0.0
9369	G	-5.1005A7E-02	-3.9104B3E-01	-5.7030A6E-01	0.0	0.0	0.0
11300	G	1.4420D6E-01	3.7857D4E-01	2.1062B2E-01	0.0	0.0	0.0
11503	G	1.0536A6E-01	5.4701D0E-01	0.0	0.0	0.0	0.0
11507	G	-9.3921B8E-02	5.4701D0E-01	0.0	0.0	0.0	0.0
11531	G	1.0563B2E-02	2.0384A0E-01	0.0	0.0	0.0	0.0
11533	G	-1.0719B2E-02	2.0399A7E-01	1.7788D5E-01	0.0	0.0	0.0
11537	G	9.2661A6E-03	2.0385B2E-01	-1.9866A6E-01	0.0	0.0	0.0
11539	G	-1.0787B9E-02	2.0346B1E-01	0.0	0.0	0.0	0.0
11543	G	1.4230B8E-02	4.3321A6E-02	1.7790B0E-01	0.0	0.0	0.0
11547	G	-1.7699B2E-02	4.3321A6E-02	-1.9888D0E-01	0.0	0.0	0.0
11561	G	-1.2111B8E-02	-5.5954B6E-02	3.0668B2E-01	0.0	0.0	0.0
11563	G	5.4610B4E-02	-5.6017A3E-02	1.7774A4E-01	0.0	0.0	0.0
11567	G	-5.7830B7E-02	-4.7395B4E-02	-1.9885B8E-01	0.0	0.0	0.0
11569	G	1.0250B8E-02	-4.7466A4E-02	-3.1146B1E-01	0.0	0.0	0.0
11571	G	1.4046B5E-01	0.0	3.0511A7E-01	0.0	0.0	0.0
11579	G	-1.5174B1E-01	0.0	-3.0917B1E-01	0.0	0.0	0.0
11700	G	-8.6281B6E-02	3.9254A7E-01	-1.5546B5E-01	0.0	0.0	0.0
13500	G	-7.0954B1E-03	2.9787B9E-02	-8.3491B9E-03	0.0	0.0	0.0
13801	G	1.0315B6E-01	2.6756A1E-01	7.5152B4E-02	0.0	0.0	0.0
13803	G	7.9117B2E-02	2.7582B3E-01	3.9876B3E-02	0.0	0.0	0.0
13807	G	-6.7783B0E-02	2.7489B6E-01	-5.4709B3E-02	0.0	0.0	0.0
13809	G	-9.1229B8E-02	2.6690A1E-01	-9.1422B2E-02	0.0	0.0	0.0
13821	G	1.0950B2E-01	2.1289B8E-01	8.8324A3E-02	0.0	0.0	0.0
13823	G	4.5661B8E-02	2.1362B4E-01	3.9825B4E-02	0.0	0.0	0.0
13827	G	-3.8798B9E-02	2.1320B4E-01	-5.4468B9E-02	0.0	0.0	0.0
13829	G	-1.0317B9E-01	2.1249B2E-01	-1.0548B0E-01	0.0	0.0	0.0
13831	G	2.4047B0E-02	1.5032B0E-01	9.4320B7E-02	0.0	0.0	0.0
13833	G	1.0736B5E-02	1.5124B8E-01	4.5431B4E-02	0.0	0.0	0.0
13837	G	-9.1531B1E-03	1.5094B2E-01	-5.9520B1E-02	0.0	0.0	0.0
13839	G	-2.1123B4E-02	1.4975B8E-01	-1.1460D1E-01	0.0	0.0	0.0
13841	G	0.0	8.7578B6E-02	1.0229B5E-01	0.0	0.0	0.0
13843	G	1.6502B0E-02	8.6723D3E-02	4.9114D2E-02	0.0	0.0	0.0
13847	G	-1.9425B3E-02	8.6317A2E-02	-6.1928B9E-02	0.0	0.0	0.0
13848	G	-1.9401B8E-02	9.3101B0E-02	-6.8234A4E-02	0.0	0.0	0.0
13849	G	0.0	9.1452B0E-02	-1.0934D4E-01	0.0	0.0	0.0
13861	G	2.1923B6E-02	3.8399B4E-02	1.0624B5E-01	0.0	0.0	0.0
13863	G	3.5914B3E-02	3.8561B2E-02	5.0395B0E-02	0.0	0.0	0.0
13867	G	-4.6133B0E-02	3.5694B2E-02	-8.1526B6E-02	0.0	0.0	0.0
13869	G	-2.1903A2E-02	3.5235B6E-02	-1.3532B6E-01	0.0	0.0	0.0
13871	G	8.4135B0E-02	0.0	1.0676B7E-01	0.0	0.0	0.0
13879	G	-1.5094B7E-01	0.0	-1.1998B1E-01	0.0	0.0	0.0
14801	G	1.0315B6E-01	1.9171D2E-01	6.8957B7E-02	0.0	0.0	0.0
14805	G	6.2911B7E-02	1.9513D7E-01	4.1876D4E-02	0.0	0.0	0.0
14807	G	-5.0989B6E-02	1.9511B3E-01	-5.1146B6E-02	0.0	0.0	0.0
14809	G	-9.1229B8E-02	1.9170B1E-01	-7.8108B5E-02	0.0	0.0	0.0
14821	G	1.0507B7E-01	1.5704B9E-01	7.6510B7E-02	0.0	0.0	0.0
14823	G	4.5382B4E-02	1.5691D5E-01	4.1876D4E-02	0.0	0.0	0.0
14827	G	-3.8485B8E-02	1.5693B1E-01	-5.1146B6E-02	0.0	0.0	0.0
14829	G	-9.8600B9E-02	1.5710B2E-01	-8.5538B1E-02	0.0	0.0	0.0

14831	G	2.734564E-02	1.220556E-01	7.539296E-02	0.0	0.0	0.0
14833	G	1.876789E-02	1.216187E-01	4.218986E-02	0.0	0.0	0.0
14837	G	-1.702404E-02	1.216027E-01	-5.151734E-02	0.0	0.0	0.0
14839	G	-2.472074E-02	1.220886E-01	-8.391923E-02	0.0	0.0	0.0
14841	G	0.0	8.028769E-02	7.416749E-02	0.0	0.0	0.0
14843	G	1.840440E-02	7.966387E-02	3.971497E-02	0.0	0.0	0.0
14847	G	-2.113967E-02	7.966858E-02	-4.914212E-02	0.0	0.0	0.0
14849	G	0.0	8.040518E-02	-8.186853E-02	0.0	0.0	0.0
14861	G	3.419852E-02	4.229150E-02	7.216150E-02	0.0	0.0	0.0
14863	G	2.460511E-02	4.281527E-02	3.931975E-02	0.0	0.0	0.0
14867	G	-3.035983E-02	4.351387E-02	-4.860616E-02	0.0	0.0	0.0
14869	G	-4.208421E-02	4.328249E-02	-7.851356E-02	0.0	0.0	0.0
14881	G	7.011167E-02	-1.220671E-02	6.354284E-02	0.0	0.0	0.0
.4883	G	2.316193E-02	-1.257727E-02	3.947116E-02	0.0	0.0	0.0
.4887	G	-3.619874E-02	-1.176495E-02	-4.571965E-02	0.0	0.0	0.0
.4889	G	-7.800949E-02	-1.111385E-02	-8.889784E-02	0.0	0.0	0.0
.5212	G	8.387220E-02	1.498778E-01	6.453a26E-02	4.26Ja86E-03	-1.954211E-03	-7.853534E-03
.5218	G	-7.390726E-02	1.497807E-01	-7.155007E-02	4.256316E-03	1.393979E-03	-7.878091E-03
.5601	G	8.209115E-02	1.236548E-01	7.766d52E-02	0.0	0.0	0.0
.5603	G	6.291187E-02	1.330092E-01	5.733385E-02	0.0	0.0	0.0
15607	G	-5.058985E-02	1.327995E-01	-6.217312E-02	0.0	0.0	0.0
15609	G	-7.091188E-02	1.234579E-01	-8.170426E-02	0.0	0.0	0.0
15621	G	1.000208E-01	9.624130E-02	8.189791E-02	0.0	0.0	0.0
15623	G	5.849804E-02	9.478909E-02	6.446944E-02	0.0	0.0	0.0
15625	G	3.412960E-03	9.580469E-02	-2.452718E-03	0.0	0.0	0.0
15627	G	-5.166277E-02	9.462041E-02	-6.928116E-02	0.0	0.0	0.0
15629	G	-9.350342E-02	9.611648E-02	-8.582121E-02	0.0	0.0	0.0
15633	G	4.679618E-02	0.0	5.884928E-02	0.0	0.0	0.0
15637	G	-4.533065E-02	0.0	-6.492347E-02	0.0	0.0	0.0
16-41	G	5.121471E-02	-4.0551 [illegible]E-02	3.402[illegible]E-02	0.0	0.0	0.0
16483	G	3.557102E-02	-4.036351E-02	0.0	0.0	0.0	0.0
164-5	G	-5.499919E-03	-3.987010E-02	0.0	0.0	0.0	0.0
16487	G	-4.701007E-02	-4.088752E-02	0.0	0.0	0.0	0.0
16489	G	-6.985748E-02	-4.124350E-02	-3.886066E-02	0.0	0.0	0.0
17100	G	-6.778301E-04	6.044367E-04	2.965296E-04	0.0	0.0	0.0
18601	G	5.791144E-02	-4.433340E-02	-5.940230E-04	0.0	0.0	0.0
18603	G	3.283210E-02	-4.449739E-02	1.709991E-03	0.0	0.0	0.0
18607	G	-2.635261E-02	-4.446373E-02	5.677113E-03	0.0	0.0	0.0
18609	G	-5.143063E-02	-4.396295E-02	1.024014E-02	0.0	0.0	0.0
18621	G	5.355947E-02	-5.959143E-02	1.459113E-03	0.0	0.0	0.0
18623	G	3.286636E-02	-5.881574E-02	4.999717E-04	0.0	0.0	0.0
18625	G	2.697200E-03	-5.863185E-02	4.101105E-03	0.0	0.0	0.0
18627	G	-2.618230E-02	-5.850436E-02	8.058432E-03	0.0	0.0	0.0
18629	G	-5.508764E-02	-5.811544E-02	8.415405E-03	0.0	0.0	0.0
18631	G	6.224626E-02	-9.701627E-02	-2.373813E-04	0.0	0.0	0.0
18633	G	0.0	-9.668392E-02	-2.550252E-04	0.0	0.0	0.0
18635	G	0.0	-9.574825E-02	3.962245E-03	0.0	0.0	0.0
.8637	G	0.0	-9.651369E-02	7.243266E-03	0.0	0.0	0.0
.8639	G	-6.095550E-02	-9.706706E-02	1.047569E-02	0.0	0.0	0.0
.8641	G	1.646310E-02	-1.351557E-01	-1.172607E-02	-3.217982E-03	1.952080E-03	3.581805E-03
.8642	G	2.226813E-02	-1.340601E-01	-7.489260E-03	-1.773138E-03	6.578567E-04	2.226625E-03
18643	G	2.882913E-02	-1.327100E-01	-1.060473E-03	0.0	-6.328006E-04	1.557198E-03
.8644	G	2.314619E-02	-1.292652E-01	1.975815E-03	0.0	0.0	-2.789083E-03
18645	G	1.919435E-03	-1.282554E-01	3.793442E-03	0.0	0.0	-4.161097E-03
18646	G	-2.061541E-02	-1.291347E-01	5.527820E-03	0.0	0.0	-3.240931E-03
18647	G	-3.096575E-02	-1.324440E-01	8.300960E-03	0.0	-1.033341E-04	5.916625E-04
18648	G	-2.785636E-02	-1.337696E-01	1.468287E-02	-1.756079E-03	-1.125947E-03	1.206783E-03
18649	G	-2.418872E-02	-1.348478E-01	1.887955E-02	-3.211495E-03	-2.151386E-03	2.465134E-03
18651	G	2.096846E-02	-1.292433E-01	-1.266003E-02	-3.068282E-03	2.220688E-03	3.027396E-03
18652	G	2.597439E-02	-1.285461E-01	-7.808581E-03	-2.101845E-03	1.211609E-03	2.109998E-03
18653	G	-3.204269E-02	-1.342851E-01	1.499822E-02	-2.103516E-03	-1.592185E-03	1.139981E-03
18654	G	-2.909907E-02	-1.289639E-01	1.994789E-02	-3.051482E-03	-2.391387E-03	1.896153E-03
18656	G	3.294615E-02	-1.368357E-01	-1.346378E-02	-3.484929E-03	2.660702E-03	-2.538077E-03
18657	G	2.816090E-02	-1.370281E-01	-8.532047E-03	-2.050952E-03	6.519598E-04	-2.311915E-03
18658	G	-3.653733E-02	-1.369565E-01	1.567497E-02	-2.019424E-03	-1.070462E-03	-2.540418E-03
18659	G	-4.171441E-02	-1.367753E-01	2.055661E-02	-3.490288E-03	-2.773513E-03	-2.687176E-03

18661	G	3.961853E-02	-9.892130E-02	-1.297639E-02	-3.571191E-03	2.766405E-03	-4.067000E-04
18662	G	3.239572E-02	-9.974056E-02	-8.546870E-03	-1.644720E-03	1.735997E-03	3.200668E-03
18663	G	2.181010E-02	-1.007659E-01	-1.734251E-03	-1.079813E-03	7.084262E-04	-2.925732E-03
18664	G	6.005935E-03	-1.024441E-01	2.010606E-03	0.0	0.0	-1.987636E-03
18665	G	-4.250344E-03	-1.029078E-01	3.772304E-03	0.0	0.0	-1.663164E-03
18666	G	-1.450464E-02	-1.024166E-01	5.455598E-03	0.0	0.0	-1.986951E-03
18667	G	-3.030221E-02	-1.007101E-01	8.893933E-03	-1.080275E-03	-9.149939E-04	-2.924415E-03
18668	G	-4.088519E-02	-9.968559E-02	1.564854E-02	-1.825796E-03	-1.815169E-03	-3.201065E-03
18669	G	-4.812651E-02	-9.886950E-02	2.005665E-02	-3.589251E-03	-2.717871E-03	-4.090555E-03
18681	G	5.363709E-02	-8.752757E-02	-1.089225E-02	0.0	0.0	0.0
18683	G	3.049069E-02	-8.786056E-02	-2.727800E-03	-1.079813E-03	7.287043E-04	-2.897977E-03
18685	G	-5.660698E-03	-8.993870E-02	3.758003E-03	0.0	0.0	0.0
18687	G	-4.123430E-02	-8.777922E-02	9.819690E-03	-1.080275E-03	-8.925686E-04	-2.897976E-03
18689	G	-6.396514E-02	-8.766791E-02	1.778639E-02	0.0	0.0	0.0
18983	G	2.938084E-02	-9.446484E-02	-5.366410E-03	0.0	7.861478E-04	-7.770609E-04
18987	G	-4.017249E-02	-9.440947E-02	1.188088E-02	0.0	-3.578220E-04	-7.800702E-04
19741	G	8.687992E-03	-1.038268E-01	-5.356018E-02	-4.317190E-03	2.963665E-03	5.341685E-05
19742	G	5.939402E-03	-1.020481E-01	-2.948980E-02	-2.521797E-03	5.940756E-04	-4.363980E-04
19743	G	4.491519E-03	-1.012773E-01	-2.411252E-02	0.0	3.686827E-04	-8.782453E-04
19745	G	-6.186366E-03	-1.001006E-01	4.841182E-04	0.0	0.0	-1.590282E-03
19747	G	-1.708845E-02	-1.012713E-01	2.514397E-02	0.0	-1.492023E-04	-9.348593E-04
19748	G	-1.867663E-02	-1.020351E-01	3.055973E-02	-2.549779E-03	-3.352498E-04	-5.093827E-04
19749	G	-2.185769E-02	-1.037735E-01	5.467248E-02	-4.275735E-03	-2.504249E-03	-6.930743E-05
19751	G	2.641845E-02	-6.249715E-02	-5.353314E-02	-4.935935E-03	2.033396E-03	-2.577081E-03
19752	G	1.065387E-02	-6.675380E-02	-2.979021E-02	-2.486395E-03	9.521306E-04	-1.806640E-03
19758	G	-2.149738E-02	-6.681675E-02	3.085162E-02	-2.536688E-03	-6.808089E-04	-1.730426E-03
19759	G	-3.656926E-02	-6.261283E-02	5.464340E-02	-4.832916E-03	-1.598544E-03	-2.457441E-03
19761	G	3.089660E-02	-5.766625E-02	-5.339492E-02	-2.634643E-03	1.701761E-03	-2.323760E-03
19762	G	1.326814E-02	-5.909877E-02	-2.996382E-02	-3.139281E-03	1.083998E-03	-2.275789E-03
19763	G	8.604139E-03	-5.976674E-02	-2.372884E-02	0.0	5.756831E-04	-2.033855E-03
19765	G	-5.421523E-03	-6.081137E-02	4.658212E-04	0.0	0.0	-1.626158E-03
19767	G	-1.902614E-02	-5.979270E-02	2.476233E-02	0.0	-3.430226E-04	-1.927530E-03
19768	G	-2.342731E-02	-5.913628E-02	3.102236E-02	-3.143812E-03	-8.056159E-04	-2.139645E-03
19769	G	-3.998939E-02	-5.773044E-02	5.451376E-02	-2.655024E-03	-1.276917E-03	-2.182510E-03
21183	G	2.630746E-02	-1.549889E-02	-3.421259E-02	0.0	1.388258E-03	6.921221E-03
21187	G	-3.715464E-02	-1.560392E-02	2.211571E-02	0.0	-1.092831E-03	6.911945E-03
21321	G	2.220757E-02	-1.065634E-01	-5.010978E-02	0.0	0.0	0.0
21323	G	1.668840E-02	-1.062279E-01	-3.190246E-02	0.0	0.0	0.0
21325	G	-9.272835E-05	-1.060074E-01	-5.861681E-03	0.0	0.0	0.0
21327	G	-1.803090E-02	-1.062930E-01	2.061403E-02	0.0	0.0	0.0
21329	G	-2.497213E-02	-1.067702E-01	4.037354E-02	0.0	0.0	0.0
21341	G	1.128224E-02	-3.056589E-02	-5.521458E-02	-4.436597E-03	1.715566E-03	-5.021933E-04
21343	G	7.272556E-03	-3.127745E-02	-3.774502E-02	0.0	1.654291E-03	-9.040432E-04
21345	G	-1.400063E-02	-3.240185E-02	-6.178193E-03	0.0	5.511735E-04	-2.099318E-03
21347	G	-3.009897E-02	-3.137729E-02	2.517259E-02	0.0	-5.519434E-04	-4.156787E-05
21349	G	-2.901679E-02	-3.071366E-02	4.221217E-02	-4.380678E-03	-6.132186E-04	4.571076E-04
21361	G	1.905280E-02	-7.549949E-03	-5.501334E-02	0.0	0.0	0.0
21363	G	1.300268E-02	-8.377735E-03	-3.802370E-02	-3.869620E-04	1.043281E-03	0.0
21364	G	-1.208742E-03	-8.555245E-03	-2.328473E-02	0.0	0.0	0.0
21366	G	-9.564146E-03	-8.506361E-03	1.089350E-02	0.0	0.0	0.0
21367	G	-2.232211E-02	-8.365825E-03	2.559900E-02	-3.922782E-04	-1.186013E-03	0.0
21369	G	-2.953045E-02	-7.481664E-03	4.257669E-02	0.0	0.0	0.0
21383	G	2.631968E-02	1.961713E-04	-3.704390E-02	-1.268353E-03	1.091718E-03	7.144015E-03
21387	G	-3.714980E-02	7.097433E-05	2.468205E-02	-1.228999E-03	-1.166801E-03	7.135265E-03
21485	G	0.0	9.884823E-03	-5.824257E-03	-3.192696E-03	0.0	0.0
21801	G	2.027768E-02	-1.286875E-01	-4.201049E-02	0.0	0.0	0.0
21803	G	1.584189E-02	-1.341404E-01	-2.760331E-02	0.0	0.0	0.0
21807	G	-1.357854E-02	-1.341345E-01	2.134309E-02	0.0	0.0	0.0
21809	G	-1.915820E-02	-1.286270E-01	3.576600E-02	0.0	0.0	0.0
21821	G	2.039883E-02	-1.114137E-01	-4.836706E-02	0.0	0.0	0.0
21823	G	1.435237E-02	-1.114383E-01	-3.176621E-02	0.0	0.0	0.0
21825	G	-4.686851E-04	-1.117210E-01	-3.098200E-03	0.0	0.0	0.0
21827	G	-1.618110E-02	-1.116363E-01	2.572666E-02	0.0	0.0	0.0
21829	G	-2.308094E-02	-1.118658E-01	4.116646E-02	0.0	0.0	0.0
22312	G	1.850224E-02	-1.272976E-01	-3.930295E-02	0.0	0.0	0.0
22318	G	-1.832500E-02	-1.273283E-01	3.515006E-02	0.0	0.0	0.0

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61914	G	[illegible]	[illegible]	-1.899076E-02	-4.380386E-03	3.601277E-03	-4.451890E-03
61913	G	[illegible]	1.307211E-01	-1.899076E-02	-4.380386E-03	3.601277E-03	6.766602E-03
61914	G	3.648097E-02	1.359469E-01	-1.899076E-02	-4.380386E-03	3.601277E-03	-2.687863E-03
61916	G	1.656220E-02	1.117474E-01	-1.736707E-02	-3.819809E-03	2.484402E-03	3.428612E-03
61917	G	1.407519E-02	1.196111E-01	-1.736707E-02	-3.819809E-03	2.484402E-03	6.526276E-03
61918	G	1.112194E-02	1.241528E-01	-1.736707E-02	-3.819809E-03	2.484402E-03	4.188582E-03
61922	G	3.276210E-02	9.738105E-02	-5.203145E-02	-6.899014E-03	2.491214E-03	6.040927E-03
61923	G	3.042841E-02	9.945219E-02	-6.203145E-02	-6.899014E-03	2.491214E-03	-2.831711E-03
61924	G	2.841092E-02	8.490036E-02	-6.203145E-02	-6.899014E-03	2.491214E-03	6.860856E-03
61926	G	1.076676E-02	1.026602E-01	-6.231360E-02	-7.863697E-03	3.630874E-03	7.097062E-03
61927	G	8.799760E-03	1.074075E-01	-6.231360E-02	-7.863697E-03	3.630874E-03	3.721535E-04
61928	G	4.596227E-03	1.158285E-01	-6.231360E-02	-7.863697E-03	3.630874E-03	6.868426E-03
61934	G	1.337069E-01	1.788401E-02	-7.226926E-02	-1.445597E-02	1.722333E-03	7.364996E-03
61935	G	1.196620E-02	2.909983E-02	-7.226926E-02	-1.445597E-02	1.722333E-03	-3.919967E-04
61936	G	1.076256E-02	1.921900E-02	-7.226926E-02	-1.445597E-02	1.722333E-03	9.344611E-03
62211	G	2.861914E-02	7.185090E-02	-4.320730E-02	0.0	0.0	0.0
62213	G	2.146785E-02	-9.270799E-02	-4.322713E-02	-8.621108E-03	4.861742E-03	6.560177E-03
62217	G	-6.246068E-03	-1.155573E-01	-4.431421E-02	-1.036153E-02	3.759492E-03	6.287429E-03
62219	G	-1.228566E-02	-1.563407E-01	-4.419554E-02	0.0	0.0	0.0
62221	G	1.810428E-02	-2.961367E-02	-8.671689E-02	-1.416297E-02	2.518588E-03	5.921762E-03
62224	G	8.695249E-03	5.624694E-02	-8.675122E-02	-9.549193E-03	5.094551E-03	6.734010E-03
62226	G	-1.081822E-02	-1.013138E-01	-8.713835E-02	-9.774297E-03	2.464985E-03	6.915279E-03
62229	G	-1.812872E-02	-1.195819E-01	-8.720917E-02	-1.160618E-02	5.579833E-03	6.707631E-03
62231	G	-8.717887E-03	-3.994294E-03	-1.334960E-01	-1.779828E-02	-1.888489E-04	6.882746E-03
62239	G	-1.674831E-02	-3.753455E-02	-1.332232E-01	-2.238134E-02	2.531121E-03	8.821648E-03
62311	G	-5.386852E-03	-6.397963E-02	-1.052582E-01	0.0	0.0	0.0
62319	G	-4.500478E-02	-1.412664E-01	-1.062960E-01	0.0	0.0	0.0
62321	G	-1.514151E-02	-2.334526E-02	-1.517677E-01	0.0	0.0	0.0
62329	G	-5.325422E-02	-1.099776E-01	-1.515736E-01	0.0	0.0	0.0
62331	G	-4.516017E-02	3.502868E-03	-2.135362E-01	0.0	0.0	0.0
62339	G	-5.371357E-02	-2.572804E-02	-2.136516E-01	0.0	0.0	0.0
63411	G	-3.790959E-02	-5.196562E-02	-1.679480E-01	0.0	0.0	0.0
63419	G	-8.079386E-02	-1.337616E-01	-1.680279E-01	0.0	0.0	0.0
63421	G	-4.907722E-02	-1.038124E-02	-2.187995E-01	0.0	0.0	0.0
63429	G	-9.034699E-02	-9.959078E-02	-2.190328E-01	0.0	0.0	0.0
63431	G	-8.132428E-02	1.156650E-02	-2.885774E-01	0.0	0.0	0.0
63439	G	-9.138584E-02	-1.542323E-02	-2.886827E-01	0.0	0.0	0.0
64211	G	-8.917814E-02	-3.531380E-02	-2.686949E-01	0.0	0.0	0.0
64219	G	-1.341561E-01	-1.184437E-01	-2.685696E-01	0.0	0.0	0.0
64221	G	-1.022676E-01	4.744031E-03	-3.255845E-01	0.0	0.0	0.0
64229	G	-1.459386E-01	-8.339441E-02	-3.256775E-01	-1.183082E-02	5.992327E-03	3.677728E-03
64231	G	-1.357623E-01	2.484204E-02	-4.001949E-01	0.0	0.0	0.0
64239	G	-1.473047E-01	-2.337824E-03	-4.002832E-01	0.0	0.0	0.0
65011	G	-1.443412E-01	-1.930160E-02	-3.800656E-01	0.0	0.0	0.0
65019	G	-1.892655E-01	-9.849244E-02	-3.799534E-01	0.0	0.0	0.0
65021	G	-1.592411E-01	2.042995E-02	-4.432913E-01	0.0	0.0	0.0
65029	G	-2.036856E-01	-6.551123E-02	-4.431357E-01	0.0	0.0	0.0
65031	G	-1.925607E-01	3.884323E-02	-5.200138E-01	0.0	0.0	0.0
65039	G	-2.055022E-01	1.052698E-02	-5.200639E-01	0.0	0.0	0.0
65911	G	-2.030010E-01	-4.379500E-03	-5.012350E-01	0.0	0.0	0.0
65919	G	-2.461475E-01	-7.321358E-02	-5.020677E-01	0.0	0.0	0.0
65921	G	-2.213257E-01	3.352771E-02	-5.741293E-01	0.0	0.0	0.0
65929	G	-2.648445E-01	-4.366393E-02	-5.754077E-01	-1.403498E-02	8.391563E-03	3.381074E-03
65931	G	-2.528126E-01	5.237578E-02	-6.491035E-01	0.0	0.0	0.0
65939	G	-2.665353E-01	2.415283E-02	-6.491450E-01	0.0	0.0	0.0
71912	G	-5.396524E-02	-9.500927E-02	2.611520E-02	-4.402012E-03	-3.449254E-03	-4.490636E-03
71913	G	-4.952605E-02	-1.006747E-01	2.611520E-02	-4.402012E-03	-3.449254E-03	7.126346E-03
71914	G	-4.541110E-02	-1.059263E-01	2.611520E-02	-4.402012E-03	-3.449254E-03	-2.796508E-03
71916	G	-2.624261E-02	-1.314191E-01	2.452530E-02	-3.805006E-03	-2.676647E-03	2.249468E-03
71917	G	-2.356328E-02	-1.352279E-01	2.452530E-02	-3.805006E-03	-2.676647E-03	5.491190E-03
71918	G	-2.038075E-02	-1.397520E-01	2.452530E-02	-3.805006E-03	-2.676647E-03	3.030092E-03
71922	G	-4.211085E-02	-5.267766E-02	6.295168E-02	-6.755587E-03	-1.954347E-03	6.155547E-03
71923	G	-4.039102E-02	-5.862238E-02	6.295168E-02	-6.755590E-03	-1.954347E-03	-2.697778E-03
71924	G	-3.880800E-02	-6.409436E-02	6.295168E-02	-6.755587E-03	-1.954347E-03	7.035676E-03
71926	G	-2.371909E-02	-1.024532E-01	6.329376E-02	-7.742424E-03	-3.064795E-03	6.832384E-03
71927	G	-2.163503E-02	-1.077181E-01	6.329376E-02	-7.742424E-03	-3.064796E-03	2.534187E-04

71928	G	-1.853893E-02	-1.156154E-01	6.329376E-02	-7.742424E-03	-3.064795E-03	6.509773E-03
71934	G	-2.854137E-02	-2.036673E-02	5.933469E-02	-1.455474E-02	-6.201067E-04	7.464670E-03
71935	G	-2.814450E-02	-2.937976E-02	5.933469E-02	-1.455475E-02	-6.201067E-04	5.892178E-04
71936	G	-2.771043E-02	-3.956808E-02	5.933469E-02	-1.455474E-02	-6.201067E-04	9.804506E-03
72211	G	-3.510282E-02	-7.149279E-02	5.039813E-02	0.0	0.0	0.0
72213	G	-2.920317E-02	-9.245253E-02	5.042279E-02	-8.651953E-03	-4.813436E-03	6.849673E-03
72217	G	-6.058216E-03	-1.356830E-01	5.152365E-02	-1.025217E-02	-4.206143E-03	5.569763E-03
72219	G	-1.164718E-03	-1.563659E-01	5.141918E-02	0.0	0.0	0.0
72221	G	-2.653841E-02	-2.991243E-02	8.649796E-02	-1.415443E-02	-1.108862E-03	5.957700E-03
72224	G	-1.855826E-02	-5.632410E-02	8.652252E-02	-9.321745E-03	-4.730228E-03	6.897636E-03
72226	G	-2.913767E-03	-1.313784E-01	8.686990E-02	-9.542916E-03	-2.080513E-03	6.675024E-03
72229	G	2.887529E-03	-1.195258E-01	8.693135E-02	-1.155528E-02	-4.311118E-03	6.440140E-03
72231	G	-5.170498E-03	-4.693267E-03	1.205840E-01	-1.741067E-02	1.672430E-03	6.886149E-03
72239	G	1.076417E-03	-3.794125E-02	1.203113E-01	-2.233301E-02	-1.539300E-03	9.177826E-03
72811	G	-1.067423E-03	-6.362379E-02	1.118557E-01	0.0	0.0	0.0
72819	G	3.114421E-02	-1.414639E-01	1.128096E-01	0.0	0.0	0.0
72821	G	7.036228E-03	-2.070815E-02	1.503276E-01	0.0	0.0	0.0
72829	G	3.784431E-02	-1.100670E-01	1.501340E-01	0.0	0.0	0.0
72831	G	3.139392E-02	2.620838E-03	1.997755E-01	0.0	0.0	0.0
72839	G	3.818687E-02	-2.536509E-02	1.998686E-01	0.0	0.0	0.0
73411	G	3.133834E-02	-5.163294E-02	2.737728E-01	0.0	0.0	0.0
73419	G	6.704926E-02	-1.337875E-01	2.738436E-01	0.0	0.0	0.0
73421	G	4.076029E-02	-1.382999E-02	2.162486E-01	0.0	0.0	0.0
73429	G	7.449592E-02	-9.973776E-02	2.164811E-01	0.0	0.0	0.0
73431	G	6.750876E-02	1.043034E-02	2.738911E-01	0.0	0.0	0.0
73439	G	7.576793E-02	-1.628619E-02	2.739947E-01	0.0	0.0	0.0
74211	G	8.236068E-02	-3.508897E-02	2.732890E-01	0.0	0.0	0.0
74219	G	1.204166E-01	-1.183807E-01	2.731527E-01	0.0	0.0	0.0
74221	G	9.352249E-02	4.133590E-03	3.212990E-01	0.0	0.0	0.0
74229	G	1.362914E-01	-8.367676E-02	3.213921E-01	-1.170678E-02	-5.361761E-03	3.641463E-03
74231	G	1.217272E-01	2.335843E-02	3.839436E-01	0.0	0.0	0.0
74239	G	1.313782E-01	-3.508966E-03	3.840297E-01	0.0	0.0	0.0
75011	G	1.371583E-01	-1.904048E-02	3.833416E-01	0.0	0.0	0.0
75019	G	1.756405E-01	-9.346741E-02	3.832115E-01	0.0	0.0	0.0
75021	G	1.498950E-01	1.963640E-02	4.370273E-01	0.0	0.0	0.0
75029	G	1.876252E-01	-6.595389E-02	4.368728E-01	0.0	0.0	0.0
75031	G	1.781743E-01	3.705425E-02	5.019988E-01	0.0	0.0	0.0
75039	G	1.891098E-01	9.071577E-03	5.020478E-01	0.0	0.0	0.0
75911	G	1.953704E-01	-4.221350E-03	5.031541E-01	0.0	0.0	0.0
75919	G	2.322295E-01	-7.327783E-02	5.040346E-01	0.0	0.0	0.0
75921	G	2.111567E-01	3.248951E-02	5.655200E-01	0.0	0.0	0.0
75929	G	2.482754E-01	-4.437175E-02	5.667232E-01	-1.397491E-02	-7.172834E-03	3.307437E-03
75931	G	2.379768E-01	5.035082E-02	6.292022E-01	0.0	0.0	0.0
75939	G	2.496107E-01	2.245996E-02	6.292398E-01	0.0	0.0	0.0
122400	G	-9.768053E-04	-7.222053E-02	2.649752E-02	-2.407596E-03	8.287693E-04	1.399995E-03
123667	G	-6.951194E-03	-5.231224E-02	3.566999E-02	0.0	0.0	0.0
123687	G	8.786878E-03	-6.849623E-02	4.108461E-02	0.0	0.0	0.0
124800	G	-9.768053E-04	-3.876066E-02	6.689936E-03	-2.407596E-03	8.287693E-04	1.399995E-03
125063	G	-3.475364E-03	-5.613387E-02	-2.933079E-02	0.0	0.0	0.0
125065	G	-4.159637E-03	-5.649898E-02	1.346502E-02	0.0	0.0	0.0
125067	G	-6.970745E-03	-5.626826E-02	4.188452E-02	0.0	0.0	0.0
125383	G	-2.200976E-02	-4.469534E-02	-2.596760E-02	0.0	0.0	0.0
125387	G	1.083693E-02	-4.469534E-02	3.051942E-02	0.0	0.0	0.0
126863	G	-1.022582E-02	-5.615966E-02	-1.979308E-02	0.0	0.0	0.0
126867	G	3.063665E-03	-5.639113E-02	2.780058E-02	0.0	0.0	0.0
127200	G	-9.768053E-04	-4.040793E-03	-1.386353E-02	-2.407596E-03	8.287693E-04	1.399995E-03
199073	G	-8.216783E-03	-7.670456E-02	3.230724E-02	2.476618E-03	1.763851E-04	1.283465E-04
199077	G	-5.640210E-03	-7.670456E-02	-2.898907E-02	2.476618E-03	1.763851E-04	1.283465E-04
200070	G	-7.963732E-03	-5.666538E-02	-1.153488E-04	2.476618E-03	1.763851E-04	1.283465E-04
200078	G	-6.628498E-03	-7.541341E-02	-1.153484E-04	2.476618E-03	1.763851E-04	1.283465E-04
200079	G	-6.368414E-03	-7.938440E-02	-1.156621E-04	2.483851E-03	1.750872E-04	1.283465E-04
200086	G	-5.345630E-03	-1.016701E-01	-1.157375E-04	2.456436E-03	1.601089E-04	1.283465E-04
200087	G	-5.127497E-03	-9.705639E-02	-1.157375E-04	2.505615E-03	1.699599E-04	1.283465E-04
200095	G	-3.550619E-04	-1.239356E-01	-1.160723E-04	2.049306E-03	1.584409E-04	1.283465E-04
200096	G	-3.657681E-03	-1.191066E-01	-1.160723E-04	2.097986E-03	1.665000E-04	1.283465E-04
200101	G	-2.715190E-03	-1.332499E-01	-1.162494E-04	1.198862E-03	1.332134E-04	1.283465E-04

200106	G	-2.081678E-03	-1.371565E-01	-1.166968E-04	2.505775E-04	1.357471E-04	1.283465E-04
200114	G	-1.371891E-03	-1.352271E-01	-1.173089E-04	-1.222144E-03	7.300636E-05	1.283465E-04
200121	G	-9.421061E-04	-1.203188E-01	-1.178445E-04	-2.457681E-03	5.078469E-05	1.283465E-04
200129	G	-6.161419E-04	-9.557575E-02	-1.184566E-04	-3.671416E-03	3.161855E-05	1.283465E-04
200137	G	-4.213334E-04	-6.249279E-02	-1.184566E-04	-4.545167E-03	1.802585E-05	1.283465E-04
200145	G	-3.130282E-04	-2.578269E-02	-1.184566E-04	-5.070314E-03	9.964393E-06	1.283465E-04
200153	G	-2.490515E-04	1.643245E-02	-1.184566E-04	-5.238377E-03	7.384444E-06	1.283465E-04
200155	G	-2.327319E-04	2.630922E-02	-1.184566E-04	-5.238377E-03	7.384444E-06	1.283465E-04
211001	G	-2.940760E-01	-8.012474E-01	8.996666E-01	-4.781128E-02	4.497092E-03	1.434090E-03
211002	G	2.809887E-01	-7.961598E-01	-8.804585E-01	-4.824734E-02	-3.838959E-03	1.197664E-03
211073	G	-8.216783E-03	-7.390916E-02	7.846557E-02	2.476618E-03	1.763851E-04	1.283465E-04
211077	G	-5.040210E-03	-7.390916E-02	-3.283073E-02	2.476618E-03	1.763851E-04	1.283465E-04
214075	G	-6.628498E-03	-7.355237E-02	-2.672932E-03	2.476618E-03	1.763851E-04	1.283465E-04
214901	G	-2.940760E-01	-7.447013E-01	7.223462E-01	-4.781128E-02	4.497092E-03	1.434090E-03
214902	G	2.809887E-01	-7.489359E-01	-7.290884E-01	-4.824734E-02	-3.838959E-03	1.197664E-03
215101	G	-1.706079E-01	6.969756E-02	2.265520E-01	-3.160949E-02	5.659831E-03	-4.006639E-03
215102	G	1.740431E-01	6.976777E-02	-2.327527E-01	-3.164898E-02	-4.600275E-03	-3.892141E-03
215201	G	-7.390726E-02	1.497807E-01	-7.155007E-02	-3.639114E-03	3.081485E-03	-5.696099E-03
215202	G	8.387220E-02	1.498778E-01	6.450826E-02	-3.611195E-03	-1.979904E-03	-5.608857E-03
222001	G	-2.925231E-01	-5.999530E-01	4.779828E-01	-2.814117E-02	6.886225E-03	-9.808594E-04
222002	G	2.794564E-01	-6.304161E-01	-5.105220E-01	-2.953916E-02	-6.489545E-03	-1.190636E-03
222201	G	-1.045306E-01	-1.793702E-01	2.067623E-01	-1.574618E-02	7.678147E-03	-4.215073E-03
222202	G	1.003779E-01	-1.841171E-01	-2.251946E-01	-1.694544E-02	-7.117432E-03	-4.122946E-03
222301	G	-1.832500E-02	-1.273283E-01	3.515006E-02	-5.375054E-03	3.916647E-03	-2.368170E-03
222302	G	1.850224E-02	-1.272976E-01	-3.930295E-02	-5.976953E-03	-3.340763E-03	-2.296845E-03
223401	G	-2.925231E-01	-6.142245E-01	3.777882E-01	-2.814117E-02	6.886225E-03	-9.808594E-04
223402	G	2.794564E-01	-6.477339E-01	-4.160991E-01	-2.953916E-02	-6.489545E-03	-1.190636E-03
520018	G	1.174385E-01	-5.685124E-01	-9.844524E-02	3.364614E-02	1.759510E-03	-6.294705E-03
520024	G	1.213416E-01	-5.685124E-01	-7.758504E-02	3.364409E-02	1.759510E-03	-6.296769E-03
520057	G	1.423883E-01	-5.685238E-01	3.317181E-02	3.444475E-02	1.759510E-03	-6.776728E-03
520065	G	1.476604E-01	-5.685264E-01	5.955657E-02	3.501071E-02	1.759510E-03	-7.110521E-03
520068	G	1.503230E-01	-5.685276E-01	7.256424E-02	3.530582E-02	1.759510E-03	-7.285379E-03
520079	G	1.584589E-01	-5.685531E-01	1.111470E-01	3.612297E-02	1.759510E-03	-7.768020E-03
520135	G	2.091513E-01	-5.687342E-01	3.250396E-01	3.984223E-02	1.759510E-03	-9.936925E-03
520139	G	2.132387E-01	-5.687512E-01	3.413987E-01	3.995135E-02	1.759510E-03	-9.997416E-03
520152	G	2.264023E-01	-5.688047E-01	3.938578E-01	4.009200E-02	1.759510E-03	-1.007414E-02
520185	G	2.596267E-01	-5.688047E-01	5.260809E-01	4.009200E-02	1.759510E-03	-1.007414E-02

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 7.166075E 04

REAL EIGENVECTOR NO. 19

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
1331	G	-8.682422E-03	1.455214E-04	3.941843E-02	0.0	0.0	0.0
1339	G	-8.709989E-03	1.636343E-04	3.994521E-02	0.0	0.0	0.0
1341	G	-8.849911E-03	3.115484E-04	3.935378E-02	0.0	0.0	0.0
1349	G	-9.023099E-03	3.032870E-04	3.995680E-02	0.0	0.0	0.0
4631	G	-8.653853E-03	8.449733E-05	3.213564E-02	0.0	0.0	0.0
4633	G	-1.047768E-02	-5.619164E-05	3.223944E-02	0.0	0.0	0.0
4637	G	-1.054288E-02	-3.666559E-05	3.296805E-02	0.0	0.0	0.0
4639	G	-8.739907E-03	1.139596E-04	3.305438E-02	0.0	0.0	0.0
4641	G	-4.899915E-03	3.647699E-04	3.212090E-02	0.0	0.0	0.0
4649	G	-5.051889E-03	4.385782E-04	3.311339E-02	0.0	0.0	0.0
4661	G	-4.951602E-04	7.037725E-04	3.223904E-02	0.0	0.0	0.0
4669	G	-6.608965E-04	7.419134E-04	3.302266E-02	0.0	0.0	0.0
6123	G	-1.341944E-02	-2.677319E-04	2.328450E-02	0.0	0.0	0.0
6127	G	-1.353193E-02	-2.843495E-04	2.399397E-02	0.0	0.0	0.0
6131	G	-1.035057E-02	-1.231391E-04	2.323779E-02	0.0	0.0	0.0
6133	G	-1.031709E-02	-1.081672E-04	2.327881E-02	0.0	0.0	0.0
6137	G	-1.033110E-02	-4.506262E-05	2.397724E-02	0.0	0.0	0.0
6139	G	-1.039194E-02	-2.772044E-05	2.428358E-02	0.0	0.0	0.0
6141	G	-6.276671E-03	-1.761800E-04	2.321612E-02	0.0	0.0	0.0
6143	G	-6.185744E-03	-1.778559E-04	2.329747E-02	0.0	0.0	0.0
6147	G	-6.419960E-03	8.508773E-04	2.398689E-02	0.0	0.0	0.0
6149	G	-6.380197E-03	8.501846E-04	2.434350E-02	0.0	0.0	0.0
6161	G	-3.342505E-03	-1.233044E-04	2.311671E-02	0.0	0.0	0.0
6163	G	-3.354035E-03	-1.231174E-04	2.331180E-02	0.0	0.0	0.0
6167	G	-3.657220E-03	1.360688E-03	2.401873E-02	0.0	0.0	0.0
6169	G	-3.482063E-03	1.179145E-03	2.428658E-02	0.0	0.0	0.0
6171	G	2.320193E-03	8.279690E-04	2.769334E-02	0.0	0.0	0.0
6179	G	1.933897E-04	7.447833E-04	2.853516E-02	0.0	0.0	0.0
7031	G	-1.026552E-02	-7.721237E-05	0.0	0.0	0.0	0.0
7033	G	-1.026731E-02	-9.262051E-05	1.837806E-02	0.0	0.0	0.0
7037	G	-1.028117E-02	-9.262051E-05	1.931886E-02	0.0	0.0	0.0
7039	G	-1.029624E-02	-1.072103E-04	0.0	0.0	0.0	0.0
7043	G	-6.038874E-03	0.0	1.824662E-02	0.0	0.0	0.0
7047	G	-6.329972E-03	0.0	1.918643E-02	0.0	0.0	0.0
7061	G	-3.248469E-03	-6.232399E-04	1.477698E-02	0.0	0.0	0.0
7063	G	-2.951169E-03	-6.232413E-04	1.819332E-02	0.0	0.0	0.0
7067	G	-3.234850E-03	2.224872E-03	1.913457E-02	0.0	0.0	0.0
7069	G	-3.431775E-03	2.217707E-03	1.613675E-02	0.0	0.0	0.0
7071	G	6.264399E-06	0.0	1.496668E-02	0.0	0.0	0.0
7079	G	5.748449E-04	0.0	1.644996E-02	0.0	0.0	0.0
7505	G	-1.949555E-02	-8.014888E-04	1.595247E-02	-4.704026E-05	6.147539E-04	-6.933425E-07
8330	G	4.804127E-03	1.064510E-03	1.139708E-02	0.0	0.0	0.0
8331	G	-9.940222E-03	-8.513869E-05	0.0	0.0	0.0	0.0
8333	G	-1.026731E-02	-1.026488E-04	9.482566E-03	0.0	0.0	0.0
8337	G	-1.028117E-02	-1.026499E-04	1.042337E-02	0.0	0.0	0.0
8339	G	-9.981260E-03	-1.237167E-04	0.0	0.0	0.0	0.0
8343	G	-5.861297E-03	0.0	9.555522E-03	0.0	0.0	0.0
8347	G	-6.126579E-03	0.0	1.047095E-02	0.0	0.0	0.0
8351	G	-3.407924E-03	-2.192231E-04	7.161289E-03	0.0	0.0	0.0
8353	G	-2.659022E-03	-2.244066E-04	9.572133E-03	0.0	0.0	0.0
8357	G	-2.909497E-03	1.797464E-03	1.048864E-02	0.0	0.0	0.0
8359	G	-3.695300E-03	1.797469E-03	9.620825E-03	0.0	0.0	0.0
8371	G	-3.976068E-04	0.0	7.380717E-03	0.0	0.0	0.0
8379	G	-5.227395E-04	0.0	8.978169E-03	0.0	0.0	0.0
9103	G	-1.831829E-03	-1.127960E-03	4.694678E-03	0.0	0.0	0.0
9107	G	-1.573410E-03	-1.120373E-03	5.532246E-03	0.0	0.0	0.0

9313	G	-1.862281E-04	-9.3732	4.6952	0.0	0.0	0.0
9317	G	-9.3785	-8.9954	5.5346	0.0	0.0	0.0
9331	G	-9.6010	-1.8231	4.1253	0.0	0.0	0.0
9333	G	-9.9533	-1.6321	4.7435	0.0	0.0	0.0
9337	G	-1.0000	-6.0349	5.6407	0.0	0.0	0.0
9339	G	-9.6561	-2.9640	5.6477	0.0	0.0	0.0
9341	G	0.0	4.2907	1.4393	0.0	0.0	0.0
9343	G	-5.7390	4.1965	3.6110	0.0	0.0	0.0
9347	G	-5.9087	4.8512	4.5398	0.0	0.0	0.0
9349	G	0.0	5.1238	2.8228	0.0	0.0	0.0
9361	G	-3.9194	7.6723	2.4431	0.0	0.0	0.0
9363	G	-2.9773	7.5668	2.8558	0.0	0.0	0.0
9367	G	-3.1392	7.1582	3.7794	0.0	0.0	0.0
9369	G	-4.2598	7.0281	3.9419	0.0	0.0	0.0
9371	G	-1.7160	1.1511	1.8299	0.0	0.0	0.0
9373	G	0.0	1.0893	1.9663	0.0	0.0	0.0
9377	G	0.0	8.2394	2.8087	0.0	0.0	0.0
9379	G	-2.0307	7.5237	3.3059	0.0	0.0	0.0
11300	G	3.1919	-3.4110	-2.3566	0.0	0.0	0.0
11503	G	-1.4829	-6.7746	0.0	0.0	0.0	0.0
11507	G	3.0217	-6.7746	0.0	0.0	0.0	0.0
11531	G	-8.0151	-3.3471	0.0	0.0	0.0	0.0
11533	G	-8.1743	-2.9420	-4.9106	0.0	0.0	0.0
11537	G	-8.2363	2.8565	-4.1152	0.0	0.0	0.0
11539	G	-8.0975	4.1917	0.0	0.0	0.0	0.0
11543	G	-5.6302	2.1339	-4.9020	0.0	0.0	0.0
11547	G	-5.6799	2.1339	-4.1008	0.0	0.0	0.0
11561	G	-4.3140	1.6642	-5.4950	0.0	0.0	0.0
11563	G	-3.7051	1.6695	-4.8882	0.0	0.0	0.0
11567	G	-3.7880	-6.5411	-4.0826	0.0	0.0	0.0
11569	G	-4.6362	-6.4905	-4.2513	0.0	0.0	0.0
11571	G	-2.8811	0.0	-4.6331	0.0	0.0	0.0
11579	G	-2.9364	0.0	-3.3187	0.0	0.0	0.0
11700	G	3.0599	-6.7009	-2.8706	0.0	0.0	0.0
13500	G	-9.9909	1.3434	-1.1063	0.0	0.0	0.0
13801	G	-4.9472	-3.8234	-9.9873	0.0	0.0	0.0
13803	G	-6.0963	-3.8289	-1.005	0.0	0.0	0.0
13807	G	1.0869	-3.8929	-9.8951	0.0	0.0	0.0
13809	G	-2.4678	-3.5438	-9.7235	0.0	0.0	0.0
13821	G	-2.0778	-3.6980	-9.9455	0.0	0.0	0.0
13823	G	-2.2719	-3.2937	-1.0000	0.0	0.0	0.0
13827	G	-2.1949	-2.3610	-9.8053	0.0	0.0	0.0
13829	G	-1.8361	1.9172	-9.6567	0.0	0.0	0.0
13831	G	-6.6586	-2.9762	-9.7819	0.0	0.0	0.0
13833	G	-5.6461	-2.5509	-9.6677	0.0	0.0	0.0
13837	G	-5.7342	-1.0865	-9.4254	0.0	0.0	0.0
13839	G	-6.7122	-7.9558	-9.5601	0.0	0.0	0.0
13841	G	0.0	1.1571	-9.5319	0.0	0.0	0.0
13843	G	-5.5587	4.9768	-9.4068	0.0	0.0	0.0
13847	G	-5.5360	5.1542	-9.1792	0.0	0.0	0.0
13848	G	-5.5031	-3.3361	-8.9751	0.0	0.0	0.0
13849	G	0.0	-2.8433	-6.4487	0.0	0.0	0.0
13861	G	-4.6779	6.1652	-9.3593	0.0	0.0	0.0
13863	G	-5.0737	6.2388	-9.2963	0.0	0.0	0.0
13867	G	-4.6916	-6.5146	-8.5287	0.0	0.0	0.0
13869	G	-4.7476	-6.3937	-8.5484	0.0	0.0	0.0
13871	G	-4.9369	0.0	-9.2870	0.0	0.0	0.0
13879	G	-6.3114	0.0	-6.2275	0.0	0.0	0.0
14801	G	-4.9472	-2.1076	-8.1620	0.0	0.0	0.0
14803	G	-1.2367	-2.6472	-8.1368	0.0	0.0	0.0
14807	G	1.2144	-5.6126	-7.9653	0.0	0.0	0.0
14809	G	-2.4678	-5.5079	-7.8457	0.0	0.0	0.0
14821	G	-2.0939	7.7187	-8.1761	0.0	0.0	0.0
14823	G	-2.1752	9.0490	-8.1369	0.0	0.0	0.0
14827	G	-2.0890	-4.4506	-7.9653	0.0	0.0	0.0
14829	G	-1.8535	-4.4246	-7.8449	0.0	0.0	0.0

14831	G	-6.42 +05E-03	2.000205E-04	-8.193981E-03	0.0	0.0	0.0
14833	G	-4.938386E-03	1.431500E-04	-8.147135E-03	0.0	0.0	0.0
14837	G	-4.975978E-03	-4.119567E-04	-7.950462E-03	0.0	0.0	0.0
14839	G	-6.455250E-03	4.702089E-04	-7.846672E-03	0.0	0.0	0.0
14841	G	0.0	1.382866E-04	-8.214392E-03	0.0	0.0	0.0
14843	G	-5.533028E-03	8.349391E-05	-8.232336E-03	0.0	0.0	0.0
14847	G	-5.543590E-03	-1.393379E-04	-8.046966E-03	0.0	0.0	0.0
14849	G	0.0	-1.765089E-04	-7.859834E-03	0.0	0.0	0.0
14861	G	-4.964028E-03	7.367969E-05	-8.240249E-03	0.0	0.0	0.0
14863	G	-5.439986E-03	7.123991E-05	-8.262478E-03	0.0	0.0	0.0
14867	G	-5.505234E-03	-2.512401E-05	-8.073200E-03	0.0	0.0	0.0
14869	G	-5.132332E-03	-2.792793E-05	-7.869422E-03	0.0	0.0	0.0
14881	G	-7.328235E-03	2.232473E-04	-7.313598E-03	0.0	0.0	0.0
14883	G	-9.613972E-03	1.907010E-04	-7.316640E-03	0.0	0.0	0.0
14887	G	-9.573400E-03	8.176286E-05	-8.854143E-03	0.0	0.0	0.0
14889	G	-7.469859E-03	3.829571E-05	-8.969683E-03	0.0	0.0	0.0
15212	G	-7.572300E-04	-8.149748E-05	-7.198326E-03	-3.960060E-06	-2.411193E-04	-1.727884E-05
15214	G	-5.677275E-04	-3.668605E-04	-6.926551E-03	-1.295451E-05	-2.464342E-04	-1.862251E-05
15601	G	-5.666346E-04	-1.530694E-04	-6.170508E-03	0.0	0.0	0.0
15603	G	-1.236779E-05	-1.631483E-04	-6.229535E-03	0.0	0.0	0.0
15607	G	1.214440E-04	-2.586092E-04	-5.996011E-03	0.0	0.0	0.0
15609	G	-3.917103E-04	-2.327422E-04	-5.842322E-03	0.0	0.0	0.0
15621	G	-2.183010E-03	-1.222221E-04	-6.168507E-03	0.0	0.0	0.0
15623	G	-2.144352E-03	-1.276266E-04	-6.236249E-03	0.0	0.0	0.0
15625	G	-2.168171E-03	-1.371335E-04	-6.139785E-03	0.0	0.0	0.0
15627	G	-2.025174E-03	-1.424073E-04	-5.974373E-03	0.0	0.0	0.0
15629	G	-1.899463E-03	-1.501988E-04	-5.821586E-03	0.0	0.0	0.0
15633	G	-4.278984E-03	0.0	-6.403435E-03	0.0	0.0	0.0
15637	G	-4.205775E-03	0.0	-6.127156E-03	0.0	0.0	0.0
16481	G	-8.173477E-03	1.256646E-04	-5.199266E-03	0.0	0.0	0.0
16483	G	-9.513744E-03	1.350310E-04	0.0	0.0	0.0	0.0
16485	G	-9.712074E-03	2.039944E-04	0.0	0.0	0.0	0.0
16487	G	-9.555020E-03	3.090270E-04	0.0	0.0	0.0	0.0
16489	G	-9.343341E-03	3.363756E-04	-4.892338E-03	0.0	0.0	0.0
17100	G	-6.372046E-03	2.301829E-05	-3.849366E-03	0.0	0.0	0.0
18601	G	-9.059825E-04	2.774260E-05	4.310340E-04	0.0	0.0	0.0
18603	G	-6.684333E-04	3.155686E-05	4.193534E-04	0.0	0.0	0.0
18607	G	-6.029904E-04	3.993230E-05	4.659109E-04	0.0	0.0	0.0
18609	G	-7.658177E-04	5.782334E-05	5.214469E-04	0.0	0.0	0.0
18621	G	-2.051856E-03	6.523541E-05	4.350157E-04	0.0	0.0	0.0
18623	G	-2.062356E-03	7.309915E-05	4.327276E-04	0.0	0.0	0.0
18625	G	-2.043518E-03	6.722330E-05	4.312359E-04	0.0	0.0	0.0
18627	G	-1.995492E-03	6.812599E-05	4.813706E-04	0.0	0.0	0.0
18629	G	-1.848102E-03	7.521643E-05	5.404368E-04	0.0	0.0	0.0
18631	G	-3.198322E-03	2.371393E-04	4.689661E-04	0.0	0.0	0.0
18633	G	0.0	1.911622E-04	4.052362E-04	0.0	0.0	0.0
18635	G	0.0	4.913141E-05	3.533687E-04	0.0	0.0	0.0
18637	G	0.0	-9.208567E-05	4.[illegible]70E-04	0.0	0.0	0.0
18639	G	-3.095376E-03	-1.440728E-04	5.268708E-04	0.0	0.0	0.0
18641	G	-3.212512E-03	5.525155E-04	5.793376E-04	9.807291E-05	-1.507104E-04	-5.560906E-04
18642	G	-4.275940E-03	5.369710E-04	4.527916E-04	4.405600E-05	-1.206914E-04	-5.052199E-04
18643	G	-5.980879E-03	4.435412E-04	3.020673E-04	0.0	-9.075514E-05	-4.761862E-04
18644	G	-8.272067E-03	2.130490E-04	1.665332E-04	0.0	0.0	-2.204005E-04
18645	G	-8.905634E-03	1.817138E-05	1.433471E-04	0.0	0.0	1.006614E-06
18646	G	-8.266728E-03	-1.732997E-04	1.811860E-04	0.0	0.0	2.191405E-04
18647	G	-6.017644E-03	-4.353349E-04	3.297522E-04	0.0	-1.063092E-04	4.632468E-04
18648	G	-4.360916E-03	-4.676026E-04	4.752784E-04	-4.253372E-05	-1.334153E-04	4.903623E-04
18649	G	-3.330983E-03	-5.123024E-04	5.976274E-04	-9.496276E-05	-1.605962E-04	5.375729E-04
18651	G	-3.566471E-03	-4.334245E-04	5.870357E-04	1.059510E-04	-1.830926E-04	-5.363289E-04
18652	G	-4.623381E-03	-3.742126E-04	5.438362E-04	5.138200E-05	-1.837783E-04	-5.191027E-04
18653	G	-4.722681E-03	-3.411141E-04	4.656019E-04	-5.027208E-05	-1.901281E-04	5.025181E-04
18654	G	-3.704609E-03	-3.697313E-04	5.055983E-04	-1.025723E-04	-1.904104E-04	5.166582E-04
18656	G	-4.614022E-03	-2.154865E-04	5.870450E-04	1.111792E-04	-2.342915E-04	-4.092159E-04
18657	G	-5.430114E-03	-2.037831E-04	4.549375E-04	4.371216E-05	-1.712647E-04	-4.052871E-04
18658	G	-5.571779E-03	2.060501E-04	4.755021E-04	-4.244932E-05	-1.802969E-04	3.973366E-04
18659	G	-4.772298E-03	2.203285E-04	6.041382E-04	-1.083011E-04	-2.374537E-04	4.008335E-04

18661	G	-5.002283E-03	-4.007013E-04	3.077412E-04	1.129770E-04	-2.033338E-04	-3.782143E-04
18662	G	-5.804218E-03	-3.618002E-04	4.619104E-04	3.417036E-05	-2.297965E-04	-4.135494E-04
18663	G	-7.224391E-03	-3.103418E-04	3.234475E-04	2.229886E-06	-2.559868E-04	-4.020298E-04
18664	G	-9.254847E-03	-1.404936E-04	1.970188E-04	0.0	0.0	-2.129239E-04
18665	G	-9.890765E-03	3.306995E-06	1.111466E-04	0.0	0.0	-6.528968E-06
18666	G	-9.328041E-03	1.459747E-04	1.707452E-04	0.0	0.0	2.011156E-04
18667	G	-7.369880E-03	3.119186E-04	3.519314E-04	-2.037699E-06	-2.542902E-04	3.938372E-04
18668	G	-5.971480E-03	3.616419E-04	4.821704E-04	-3.342624E-05	-2.307152E-04	4.064848E-04
18669	G	-5.180821E-03	3.992398E-04	5.856669E-04	-1.099871E-04	-2.070750E-04	3.738862E-04
18681	G	-8.930620E-03	-3.753621E-04	5.076334E-04	0.0	0.0	0.0
18683	G	-1.028100E-02	-3.370335E-04	3.611487E-04	2.229888E-06	-2.485891E-04	-4.589754E-06
18685	G	-9.865859E-03	5.881177E-06	2.243374E-04	0.0	0.0	0.0
18687	G	-1.039459E-02	3.363097E-04	3.809708E-04	-2.037699E-06	-2.456771E-04	-4.589754E-06
18689	G	-9.173904E-03	3.732396E-04	5.242906E-04	0.0	0.0	0.0
18983	G	-1.059534E-02	-3.306344E-04	8.919027E-04	0.0	-7.126426E-05	7.375271E-06
18987	G	-1.070715E-02	2.936404E-04	8.785662E-04	0.0	-5.931436E-05	-1.685733E-05
19741	G	-2.946477E-03	5.852431E-04	2.426940E-03	1.066344E-04	-1.788837E-04	-2.052794E-04
19742	G	-4.342161E-03	3.979264E-04	2.049730E-03	1.944021E-05	6.375201E-06	-1.720081E-04
19743	G	-4.641315E-03	3.285457E-04	1.981620E-03	0.0	4.307427E-05	-1.378167E-04
19745	G	-5.248643E-03	9.234587E-05	1.832479E-03	0.0	0.0	-5.643276E-06
19747	G	-4.774123E-03	-1.430715E-04	1.958414E-03	0.0	4.342252E-05	1.252550E-04
19748	G	-4.463121E-03	-2.118325E-04	2.020806E-03	-1.725873E-05	6.814415E-06	1.616075E-04
19749	G	-3.170731E-03	-3.978941E-04	2.375589E-03	-1.019784E-04	-1.754763E-04	1.913246E-04
19751	G	-4.078019E-03	-3.491212E-04	2.418047E-03	1.404393E-04	-1.432861E-04	-6.789593E-06
19752	G	-4.274633E-03	-1.363842E-04	2.067525E-03	3.976756E-06	3.486201E-07	-3.519152E-05
19758	G	-4.390579E-03	2.897233E-04	2.038915E-03	-2.009007E-06	1.744691E-06	2.319555E-05
19759	G	-4.280869E-03	4.985966E-04	2.366760E-03	-1.347546E-04	-1.403685E-04	-3.338725E-06
19761	G	-4.410110E-03	-2.942516E-04	2.410590E-03	1.844393E-05	-1.298127E-04	1.717928E-05
19762	G	-4.280914E-03	-1.839638E-04	2.077257E-03	4.944977E-05	-2.844174E-06	1.626684E-05
19763	G	-4.251420E-03	-1.277327E-04	1.991431E-03	0.0	3.391993E-05	1.110718E-05
19765	G	-4.229516E-03	7.393521E-05	1.848248E-03	0.0	0.0	-5.564786E-06
19767	G	-4.339401E-03	2.745225E-04	1.968545E-03	0.0	3.471640E-05	-2.217278E-05
19768	G	-4.392855E-03	3.301119E-04	2.048499E-03	-4.644117E-05	-1.159265E-06	-2.728295E-05
19769	G	-4.606146E-03	4.390199E-04	2.359563E-03	-1.601632E-05	-1.271360E-04	-2.817973E-05
21183	G	-1.144401E-02	2.921387E-04	3.231165E-03	0.0	-4.180802E-04	4.176532E-05
21187	G	-1.155115E-02	-3.309092E-04	3.049757E-03	0.0	-4.179645E-04	-3.098053E-05
21321	G	-1.923815E-03	1.193049E-05	3.209219E-03	0.0	0.0	0.0
21323	G	-2.088242E-03	7.727825E-05	3.631744E-03	0.0	0.0	0.0
21325	G	-2.209585E-03	1.872177E-04	3.769079E-03	0.0	0.0	0.0
21327	G	-2.117030E-03	3.070279E-04	3.540844E-03	0.0	0.0	0.0
21329	G	-2.061606E-03	3.780718E-04	3.083681E-03	0.0	0.0	0.0
21341	G	-2.756828E-03	6.197543E-05	3.741242E-03	1.104732E-05	-1.469997E-04	-8.119388E-05
21343	G	-3.197006E-03	8.949204E-05	3.973581E-03	0.0	-1.461819E-04	-7.611566E-05
21345	G	-3.769520E-03	2.053112E-04	4.049066E-03	0.0	-1.314593E-04	-1.585539E-05
21347	G	-3.496708E-03	3.219640E-04	3.834729E-03	0.0	-1.167366E-04	6.477193E-05
21349	G	-3.105117E-03	3.503726E-04	3.533139E-03	1.144109E-06	-1.159188E-04	7.551046E-05
21361	G	-3.708125E-03	6.307290E-05	3.819338E-03	0.0	0.0	0.0
21363	G	-3.506740E-03	9.819974E-05	4.140884E-03	2.286077E-05	-6.415243E-04	0.0
21364	G	-3.026836E-03	1.196376E-04	4.149258E-03	0.0	0.0	0.0
21366	G	-3.128461E-03	1.889097E-04	4.091922E-03	0.0	0.0	0.0
21367	G	-3.623001E-03	2.099972E-04	3.966469E-03	4.372730E-06	-6.407029E-04	0.0
21369	G	-3.954109E-03	2.435894E-04	3.814616E-03	0.0	0.0	0.0
21383	G	-1.143590E-02	3.846027E-04	4.344985E-03	-1.140755E-04	-6.093511E-04	4.089857E-05
21387	G	-1.154311E-02	-3.975739E-04	4.163850E-03	1.362595E-04	-6.088335E-04	-2.886093E-05
21485	G	0.0	1.344381E-05	6.730508E-03	5.477560E-06	0.0	0.0
21801	G	-1.627929E-03	1.972508E-04	2.928040E-03	0.0	0.0	0.0
21803	G	-1.437546E-03	2.154553E-04	2.602375E-03	0.0	0.0	0.0
21807	G	-1.443498E-03	1.463777E-04	2.534724E-03	0.0	0.0	0.0
21809	G	-1.678777E-03	1.606042E-04	2.850170E-03	0.0	0.0	0.0
21821	G	-1.999391E-03	-2.150192E-04	3.232396E-03	0.0	0.0	0.0
21823	G	-2.093018E-03	-3.933672E-05	2.739410E-03	0.0	0.0	0.0
21825	G	-2.258102E-03	1.701282E-04	2.551887E-03	0.0	0.0	0.0
21827	G	-2.142108E-03	3.808856E-04	2.674125E-03	0.0	0.0	0.0
21829	G	-2.123408E-03	5.525171E-04	3.125827E-03	0.0	0.0	0.0
22312	G	-1.684631E-03	-6.161416E-05	3.053964E-03	0.0	0.0	0.0
22318	G	-1.745984E-03	3.872723E-04	2.992972E-03	0.0	0.0	0.0

22701	G	-1.612050E-03	1.703066E-06	3.307713E-03	0.0	0.0	0.0
22703	G	-1.515168E-03	-5.048485E-06	3.307932E-03	0.0	0.0	0.0
22707	G	-1.530057E-03	3.029502E-04	3.264828E-03	0.0	0.0	0.0
22709	G	-1.671551E-03	3.014260E-04	3.260448E-03	0.0	0.0	0.0
22721	G	-2.154192E-03	-5.347453E-05	3.473956E-03	0.0	0.0	0.0
22723	G	-2.115205E-03	-1.509649E-05	3.380377E-03	0.0	0.0	0.0
22725	G	-2.474640E-03	1.599458E-04	3.428375E-03	0.0	0.0	0.0
22727	G	-2.173699E-03	3.287194E-04	3.330285E-03	0.0	0.0	0.0
22729	G	-2.266225E-03	3.671935E-04	3.442589E-03	0.0	0.0	0.0
23100	G	-3.187024E-03	1.010999E-04	5.135309E-03	0.0	0.0	0.0
25001	G	-2.736271E-03	1.563325E-04	4.415907E-03	0.0	0.0	0.0
25003	G	-2.635807E-03	1.935100E-04	4.329666E-03	0.0	0.0	0.0
25007	G	-2.666847E-03	2.391286E-04	4.254468E-03	0.0	0.0	0.0
25009	G	-2.835565E-03	2.272685E-04	4.274290E-03	0.0	0.0	0.0
25021	G	-2.899233E-03	2.077081E-05	4.572026E-03	0.0	0.0	0.0
25025	G	-3.029154E-03	1.393099E-04	4.317317E-03	0.0	0.0	0.0
25029	G	-3.010998E-03	2.474012E-04	4.359730E-03	0.0	0.0	0.0
25041	G	-2.474011E-03	-2.795560E-06	4.592661E-03	0.0	0.0	0.0
25045	G	0.0	3.690374E-05	4.386578E-03	0.0	0.0	0.0
25049	G	-2.818497E-03	7.380852E-05	4.371434E-03	0.0	0.0	0.0
25061	G	-2.132038E-03	-2.824742E-05	4.615873E-03	0.0	0.0	0.0
25065	G	-2.181547E-03	-2.387380E-05	4.367948E-03	0.0	0.0	0.0
25069	G	-2.554812E-03	-2.717362E-05	4.407037E-03	0.0	0.0	0.0
26801	G	-3.264775E-03	1.594816E-04	3.466875E-03	0.0	0.0	0.0
26809	G	-3.283651E-03	1.209631E-04	3.403880E-03	0.0	0.0	0.0
26821	G	-3.622770E-03	8.218607E-05	3.578495E-03	0.0	0.0	0.0
26825	G	-3.649787E-03	7.097100E-05	3.452003E-03	0.0	0.0	0.0
26829	G	-3.666615E-03	5.943040E-05	3.469578E-03	0.0	0.0	0.0
26841	G	-2.463650E-03	-1.542617E-04	3.560236E-03	0.0	0.0	0.0
26845	G	0.0	-1.501841E-04	3.502814E-03	0.0	0.0	0.0
26849	G	-2.803637E-03	-1.471140E-04	3.435791E-03	0.0	0.0	0.0
26861	G	-1.439364E-03	-3.110874E-04	3.556307E-03	0.0	0.0	0.0
26865	G	-1.898857E-03	-3.274539E-04	3.543208E-03	0.0	0.0	0.0
26869	G	-1.946259E-03	-3.437467E-04	3.427334E-03	0.0	0.0	0.0
29905	G	-4.864044E-03	3.050323E-05	-1.639396E-03	0.0	0.0	0.0
29921	G	-5.128350E-03	-1.363752E-04	-1.097935E-03	0.0	0.0	0.0
29925	G	-4.433487E-03	-1.400995E-04	-1.595594E-03	0.0	0.0	0.0
29929	G	-5.555399E-03	-1.363752E-04	-2.114864E-03	0.0	0.0	0.0
29941	G	-2.711083E-03	-6.359635E-04	-4.211493E-04	0.0	0.0	0.0
29945	G	0.0	-6.691927E-04	-1.283960E-03	0.0	0.0	0.0
29949	G	-3.128153E-03	-6.827088E-04	-2.013312E-03	0.0	0.0	0.0
29961	G	-5.632427E-04	-1.250932E-03	-7.984152E-04	0.0	0.0	0.0
29965	G	-1.454504E-03	-1.239714E-03	-1.373512E-03	0.0	0.0	0.0
29969	G	-1.003546E-03	-1.250932E-03	-1.846410E-03	0.0	0.0	0.0
30045	G	-3.027805E-03	-7.330251E-04	-1.470478E-03	4.265641E-05	1.699024E-04	-1.791306E-05
31745	G	-2.928856E-03	-1.056986E-03	-5.133152E-03	4.951563E-05	2.296547E-04	-1.517992E-05
33845	G	-2.731345E-03	-1.396288E-03	-1.045115E-02	6.047156E-05	2.744044E-04	-9.982125E-06
35945	G	-2.505075E-03	-1.596519E-03	-1.654037E-02	7.435976E-05	3.018649E-04	-9.528291E-07
38045	G	-2.269499E-03	-1.597016E-03	-2.290435E-02	9.250824E-05	3.002977E-04	1.173884E-05
40141	G	-3.855188E-03	-1.319112E-03	-3.328254E-02	-3.884372E-04	2.494897E-04	8.328677E-05
40142	G	-3.039822E-03	-1.319112E-03	-2.968730E-02	-2.622127E-04	2.494897E-04	6.908161E-05
40143	G	-2.384258E-03	-1.319112E-03	-2.779685E-02	-5.101105E-05	2.494897E-04	4.531319E-05
40145	G	-2.070981E-03	-1.319020E-03	-2.874731E-02	1.157064E-04	2.495425E-04	2.791277E-05
40147	G	-1.795992E-03	-1.319106E-03	-3.022724E-02	3.156546E-04	2.494846E-04	1.887175E-05
40148	G	-1.650404E-03	-1.319106E-03	-3.540863E-02	5.796137E-04	2.494846E-04	8.374782E-06
40149	G	-1.606887E-03	-1.319106E-03	-4.251673E-02	7.373688E-04	2.494846E-04	2.101278E-06
42245	G	-1.968020E-03	-6.881310E-04	-3.285105E-02	1.428999E-04	1.367655E-04	4.851334E-05
44345	G	-2.068351E-03	4.094390E-04	-3.379851E-02	1.807213E-04	-5.230322E-05	7.659600E-05
45245	G	-2.197401E-03	1.070788E-03	-3.284166E-02	2.030202E-04	-1.600505E-04	9.254389E-05
46445	G	-2.455180E-03	2.139674E-03	-3.010051E-02	2.348200E-04	-3.048247E-04	1.151077E-04
48045	G	-7.734869E-03	8.019853E-04	-2.479484E-02	4.951137E-04	-3.597129E-04	4.267083E-04
48845	G	-1.107761E-02	5.203455E-04	-2.142868E-02	6.935829E-04	-4.218193E-04	6.596786E-04
49745	G	-1.498450E-02	6.418405E-04	-1.747029E-02	9.299957E-04	-4.796830E-04	9.389797E-04
50645	G	-1.931665E-02	1.263936E-03	-1.307097E-02	1.216152E-03	-5.226412E-04	1.278612E-03
51545	G	-2.400229E-02	2.557934E-03	-8.313820E-03	1.541989E-03	-5.594650E-04	1.686534E-03
52045	G	-2.904028E-02	-1.999183E-03	-5.349979E-03	1.776882E-03	-5.755988E-04	2.156378E-03

61912	G	-4.518103E-03	-5.860475E-04	7.662820E-04	1.344585E-04	-1.822549E-04	-1.528867E-04
61913	G	-4.283540E-03	-4.129994E-04	7.662820E-04	1.344585E-04	-1.822549E-04	-1.382334E-04
61914	G	-4.066110E-03	-2.525907E-04	7.662820E-04	1.344585E-04	-1.822549E-04	-4.087286E-04
61916	G	-2.841103E-03	6.909120E-04	7.475587E-04	1.153810E-04	-1.787307E-04	-5.438169E-04
61917	G	-2.662193E-03	8.064083E-04	7.475587E-04	1.153810E-04	-1.787307E-04	7.415757E-06
61918	G	-2.449682E-03	7.435963E-04	7.475587E-04	1.153810E-04	-1.787307E-04	-5.758705E-04
61922	G	-4.205100E-03	-7.518656E-04	2.689508E-03	2.355151E-04	-1.452439E-04	-1.409389E-04
61923	G	-4.077286E-03	-5.446123E-04	2.689508E-03	2.355151E-04	-1.452439E-04	2.639172E-06
61924	G	-3.959637E-03	-3.538451E-04	2.689508E-03	2.355151E-04	-1.452439E-04	-2.178398E-04
61926	G	-2.765864E-03	5.876385E-04	2.703596E-03	2.761791E-04	-1.938620E-04	-9.789391E-05
61927	G	-2.634038E-03	7.754404E-04	2.703596E-03	2.761791E-04	-1.938621E-04	-2.163614E-04
61928	G	-2.436299E-03	1.057143E-03	2.703596E-03	2.761791E-04	-1.938620E-04	-7.551321E-05
61936	G	-2.719959E-03	-2.418599E-04	4.185813E-03	4.645430E-04	-1.470900E-04	-1.048957E-04
61935	G	-2.625822E-03	5.544756E-05	4.185818E-03	4.645430E-04	-1.470900E-04	-8.222218E-05
61936	G	-2.522859E-03	3.806273E-04	4.185813E-03	4.645430E-04	-1.470900E-04	-1.216722E-04
62211	G	-4.239466E-03	-1.494764E-03	1.702473E-03	0.0	0.0	0.0
62213	G	-3.913458E-03	-6.679189E-04	1.702503E-03	3.922107E-04	-2.583028E-04	-1.304882E-04
62217	G	-2.618190E-03	7.614605E-04	1.774986E-03	3.717165E-04	-2.634835E-04	-2.325614E-05
62219	G	-2.369995E-03	1.513697E-03	1.773239E-03	0.0	0.0	0.0
62221	G	-3.798576E-03	-1.643812E-03	3.690422E-03	5.753904E-04	6.755903E-05	-1.165602E-04
62224	G	-3.357823E-03	-6.887589E-04	3.696952E-03	3.308724E-04	-3.673059E-04	-2.056421E-04
62226	G	-2.450834E-03	6.766343E-04	3.720035E-03	3.523733E-04	-1.740183E-04	-9.384517E-05
62229	G	-2.121455E-03	1.326157E-03	3.722911E-03	4.499389E-04	-1.781996E-04	-8.161025E-05
62231	G	-2.529997E-03	-6.677741E-04	6.093175E-03	4.998469E-04	-1.292816E-04	-1.004021E-04
62239	G	-2.162728E-03	3.538053E-04	6.084539E-03	6.901161E-04	-1.546458E-04	-1.167866E-04
62811	G	-3.679779E-03	-1.629207E-03	4.091309E-03	0.0	0.0	0.0
62819	G	-2.026484E-03	1.136898E-03	4.103545E-03	0.0	0.0	0.0
62821	G	-3.265372E-03	-1.880402E-03	6.022129E-03	0.0	0.0	0.0
62829	G	-1.693956E-03	1.153992E-03	6.008845E-03	0.0	0.0	0.0
62831	G	-2.053090E-03	-8.819248E-04	8.554526E-03	0.0	0.0	0.0
62839	G	-1.700213E-03	4.385955E-05	8.557911E-03	0.0	0.0	0.0
63411	G	-3.215307E-03	-1.971822E-03	6.456021E-03	0.0	0.0	0.0
63419	G	-1.581177E-03	1.053659E-03	6.453503E-03	0.0	0.0	0.0
63421	G	-2.778291E-03	-2.137362E-03	8.369323E-03	0.0	0.0	0.0
63429	G	-1.240647E-03	9.693324E-04	8.377338E-03	0.0	0.0	0.0
63431	G	-1.594543E-03	-1.111703E-03	1.094369E-02	0.0	0.0	0.0
63439	G	-1.224789E-03	-2.286430E-04	1.094713E-02	0.0	0.0	0.0
64211	G	-2.370059E-03	-2.435143E-03	1.033383E-02	0.0	0.0	0.0
64219	G	-8.798561E-04	7.455528E-04	1.032391E-02	0.0	0.0	0.0
64221	G	-1.922836E-03	-2.525435E-03	1.218299E-02	0.0	0.0	0.0
64229	G	-5.182626E-04	6.394018E-04	1.218741E-02	4.248118E-04	-1.955368E-04	-1.113842E-05
64231	G	-8.547432E-04	-1.506846E-03	1.458691E-02	0.0	0.0	0.0
64239	G	-4.893963E-04	-5.916744E-04	1.457234E-02	0.0	0.0	0.0
65011	G	-1.355074E-03	-2.860739E-03	1.469810E-02	0.0	0.0	0.0
65019	G	-8.587133E-05	2.370460E-04	1.468583E-02	0.0	0.0	0.0
65021	G	-9.276075E-04	-2.916194E-03	1.642316E-02	0.0	0.0	0.0
65029	G	2.922544E-04	2.232293E-04	1.641938E-02	0.0	0.0	0.0
65031	G	-1.669324E-05	-1.943721E-03	1.852344E-02	0.0	0.0	0.0
65039	G	3.342514E-04	-9.754465E-04	1.852536E-02	0.0	0.0	0.0
65911	G	-2.033291E-04	-3.200117E-03	1.951329E-02	0.0	0.0	0.0
65919	G	7.897725E-04	-4.610396E-04	1.957573E-02	0.0	0.0	0.0
65921	G	2.097435E-04	-3.189226E-03	2.109630E-02	0.0	0.0	0.0
65929	G	1.197386E-03	-3.520437E-04	2.112582E-02	5.158563E-04	-1.773617E-04	1.247133E-05
65931	G	9.322041E-04	-2.385963E-03	2.283258E-02	0.0	0.0	0.0
65939	G	1.251295E-03	-1.415713E-03	2.283352E-02	0.0	0.0	0.0
71914	G	-4.701618E-03	5.788973E-04	7.785459E-04	-1.304590E-04	-1.879209E-04	3.494762E-04
71913	G	-4.459765E-03	4.109966E-04	7.785459E-04	-1.304590E-04	-1.879209E-04	1.560448E-04
71914	G	-4.235577E-03	2.553591E-04	7.785459E-04	-1.304590E-04	-1.879209E-04	4.004089E-04
71916	G	-3.006915E-03	-4.551907E-04	7.602107E-04	-1.108275E-04	-1.884209E-04	5.226714E-04
71917	G	-2.818306E-03	-5.661291E-04	7.602107E-04	-1.108275E-04	-1.884209E-04	-1.532574E-05
71918	G	-2.594273E-03	-6.479029E-04	7.602107E-04	-1.108275E-04	-1.884209E-04	5.558904E-04
71922	G	-4.417516E-03	8.939020E-04	2.628478E-03	-2.278955E-04	-1.399910E-04	1.578665E-04
71923	G	-4.294325E-03	6.903540E-04	2.628478E-03	-2.278955E-04	-1.399910E-04	-1.715526E-05
71924	G	-4.180931E-03	5.057587E-04	2.628478E-03	-2.278955E-04	-1.399910E-04	2.395399E-04
71926	G	-3.007279E-03	-4.027993E-04	2.642551E-03	-2.675762E-04	-1.888068E-04	1.127545E-04
71927	G	-2.878890E-03	-5.847514E-04	2.642551E-03	-2.675764E-04	-1.888068E-04	2.041761E-04

71929		-2.656307E-03	-6.576744E-04	2.642251E-03	-2.675702E-04	-1.488068E-04	8.940305E-05
71934	G	-3.055708E-03	6.539176E-04	3.959827E-03	-4.543656E-04	-1.158269E-04	1.313921E-04
71935	G	-2.981579E-03	3.603029E-04	3.959827E-03	-4.543656E-04	-1.158269E-04	7.806179E-05
71936	G	-2.900530E-03	9.244322E-05	3.959827E-03	-4.543656E-04	-1.158269E-04	1.737243E-04
72211	G	-4.353535E-03	1.473593E-03	1.694538E-03	0.0	0.0	0.0
72213	G	-4.041191E-03	6.711911E-04	1.694251E-03	-3.217669E-04	-2.427618E-04	1.461238E-04
72217	G	-2.791897E-03	-7.202290E-04	1.761491E-03	-3.573281E-04	-2.771341E-04	2.234613E-05
72219	G	-2.556065E-03	-1.450144E-03	1.760288E-03	0.0	0.0	0.0
72221	G	-3.933236E-03	1.774072E-03	3.596554E-03	-5.667594E-04	9.853469E-05	1.312516E-04
72224	G	-3.513746E-03	9.473889E-04	3.602316E-03	-4.131961E-04	-3.741279E-04	2.265693E-04
72226	G	-2.664538E-03	-4.611138E-04	3.623037E-03	-3.427083E-04	-1.651225E-04	1.082719E-04
72229	G	-2.335289E-03	-1.113623E-03	3.625154E-03	-4.367444E-04	-1.694953E-04	9.490779E-05
72231	G	-2.739106E-03	1.382296E-03	5.847644E-03	-5.314716E-04	-7.134487E-05	1.201679E-04
72239	G	-2.841384E-03	7.122 [illegible]8E-05	5.841415E-03	-6.466457E-04	-1.344737E-04	1.616673E-04
72511	G	-3.723355E-03	1.624037E-03	4.312574E-03	0.0	0.0	0.0
72819	G	-2.142669E-03	-1.368855E-03	4.025716E-03	0.0	0.0	0.0
72821	G	-3.325221E-03	2.025631E-03	5.865071E-03	0.0	0.0	0.0
72829	G	-1.822886E-03	-9.307927E-04	5.852155E-03	0.0	0.0	0.0
72831	G	-2.165368E-03	1.292845E-03	8.283403E-03	0.0	0.0	0.0
72839	G	-1.829479E-03	5.817063E-04	8.296366E-03	0.0	0.0	0.0
73411	G	-3.181310E-03	1.975946E-03	6.336801E-03	0.0	0.0	0.0
73419	G	-1.606921E-03	-9.674403E-04	6.396589E-03	0.0	0.0	0.0
73421	G	-2.780603E-03	2.293512E-03	8.153730E-03	0.0	0.0	0.0
73429	G	-1.260904E-03	-7.338445E-04	8.158267E-03	0.0	0.0	0.0
73431	G	-1.620482E-03	1.519483E-03	1.062902E-02	0.0	0.0	0.0
73439	G	-1.264807E-03	6.535399E-04	1.063244E-02	0.0	0.0	0.0
74211	G	-2.226966E-03	2.453514E-03	1.307294E-02	0.0	0.0	0.0
74219	G	-7.844276E-04	-6.377252E-04	1.330334E-02	0.0	0.0	0.0
74221	G	-1.749[illegible]6E-03	2.[illegible]45114E-03	1.[illegible]	0.0	0.0	0.0
74229	G	-4.364401E-04	-1.872730E-04	1.157152E-02	-4.138636E-04	-1.897355E-04	2.627994E-05
74231	G	-7.5[illegible]7E-04	1.909385E-03	1.413456E-02	0.0	0.0	0.0
74239	G	-4.038729E-04	1.013652E-03	1.418785E-02	0.0	0.0	0.0
75011	G	-1.116172E-03	2.396283E-03	1.433843E-02	0.0	0.0	0.0
75019	G	1.270713E-04	-1.329213E-04	1.429691E-02	0.0	0.0	0.0
75021	G	-6.976039E-04	3.100884E-03	1.600105E-02	0.0	0.0	0.0
75029	G	4.990068E-04	4.366794E-05	1.599757E-02	0.0	0.0	0.0
75031	G	1.965697E-04	2.339597E-03	1.80[illegible]E-02	0.0	0.0	0.0
75039	G	5.409359E-04	1.392583E-03	1.[illegible]91E-02	0.0	0.0	0.0
75911	G	1.319023E-04	3.253072E-03	1.898027E-02	0.0	0.0	0.0
75919	G	1.118043E-03	5.944618E-04	1.903[illegible]E-02	0.0	0.0	0.0
75921	G	5.429368E-04	3.391859E-03	2.055849E-02	0.0	0.0	0.0
75929	G	1.[illegible]44[illegible]E-03	6.315308E-04	2.058853E-02	-5.018828E-04	-1.771963E-04	4.197427E-06
75931	G	1.263540E-03	2.773602E-03	2.228186E-02	0.0	0.0	0.0
75939	G	1.576917E-03	1.625134E-03	2.228289E-02	0.0	0.0	0.0
122400	G	-1.157696E-03	1.787113E-03	3.640315E-03	4.552317E-06	-2.211906E-05	-3.671464E-05
123467	G	-2.479449E-03	3.318051E-04	4.056776E-03	0.0	0.0	0.0
123487	G	-1.412117E-03	1.440452E-03	4.017618E-03	0.0	0.0	0.0
124809	G	-1.157696E-03	9.096330E-04	4.368761E-03	4.552317E-06	-2.211906E-05	-3.671464E-05
125063	G	-2.141793E-03	-2.924742E-05	4.567023E-03	0.0	0.0	0.0
125065	G	-2.226178E-03	-2.387360E-05	4.372623E-03	0.0	0.0	0.0
125067	G	-2.481265E-03	-2.717362E-05	4.407037E-03	0.0	0.0	0.0
125183	G	-6.039694E-04	7.394108E-04	4.540168E-03	0.0	0.0	0.0
125387	G	-1.467369E-03	7.394108E-04	4.433364E-03	0.0	0.0	0.0
126863	G	-1.588520E-03	-3.110874E-04	3.552055E-03	0.0	0.0	0.0
126867	G	-1.930872E-03	-3.437467E-04	3.464948E-03	0.0	0.0	0.0
127200	G	-1.157696E-03	-8.897293E-07	4.917510E-03	4.552317E-06	-2.211906E-05	-3.671464E-05
189073	G	-2.148017E-02	-1.788659E-04	-7.485937E-03	4.251685E-05	-1.416444E-03	-1.956957E-06
189077	G	-2.152860E-02	-1.788659E-04	-8.538231E-03	4.251685E-05	-1.416444E-03	-1.956957E-06
200070	G	-1.078199E-02	1.233001E-04	6.237339E-03	4.251685E-05	-1.416444E-03	-1.956957E-06
200078	G	-2.150438E-02	-1.985529E-04	6.237339E-03	4.251685E-05	-1.416444E-03	-1.956957E-06
200079	G	-2.360532E-02	-2.615314E-04	6.244637E-03	4.258571E-05	-1.422480E-03	-1.956957E-06
200086	G	-3.608531E-02	-6.249330E-04	6.262392E-03	4.832466E-05	-1.660350E-03	-1.956957E-06
200087	G	-3.392621E-02	-5.689440E-04	6.262392E-03	4.278023E-05	-1.442134E-03	-1.956957E-06
200095	G	-4.897770E-02	-1.004052E-03	6.283969E-03	3.722969E-05	-1.232588E-03	-1.956957E-06
200096	G	-4.659897E-02	-9.435127E-04	6.283969E-03	4.279373E-05	-1.452931E-03	-1.956957E-06
200101	G	-5.485184E-02	-1.186234E-03	6.297961E-03	2.651410E-05	-8.312406E-04	-1.956957E-06

200106	G	-5.814796E-02	-1.295928E-03	6.324224E-03	1.444769E-05	-3.917259E-04	-1.956957E-06
200114	G	-5.838509E-02	-1.335582E-03	6.363675E-03	-4.624999E-06	3.305373E-04	-1.956957E-06
200121	G	-5.388711E-02	-1.248347E-03	6.198147E-03	-2.963142E-05	9.531409E-04	-1.956957E-06
200129	G	-4.366570E-02	-1.019162E-03	6.437655E-03	-3.617418E-05	1.573473E-03	-1.956957E-06
200137	G	-2.917136E-02	-6.813409E-04	6.437648E-03	-4.754792E-05	2.321377E-03	-1.956957E-06
200145	G	-1.179837E-02	-2.704698E-04	6.437648E-03	-5.439366E-05	2.291269E-03	-1.956957E-06
200153	G	6.428726E-03	1.629596E-04	6.437648E-03	-5.658454E-05	2.377642E-03	-1.956957E-06
200155	G	1.168129E-02	2.880108E-04	6.437648E-03	-5.658454E-05	2.377642E-03	-1.956957E-06
211001	G	7.109038E-01	-9.202449E-01	2.743279E-01	2.819001E-03	6.218016E-03	2.031632E-02
211002	G	7.067707E-01	9.200193E-01	2.815414E-01	-2.716903E-03	6.261945E-03	-2.028040E-02
211073	G	-2.149017E-02	-2.214884E-04	2.336421E-02	4.251685E-05	-1.416444E-03	-1.956957E-06
211077	G	-2.152860E-02	-2.214884E-04	2.281192E-02	4.251685E-05	-1.416444E-03	-1.956957E-06
214075	G	-2.150438E-02	-2.269288E-04	2.677574E-02	4.251685E-05	-1.416444E-03	-1.956957E-06
214901	G	7.109038E-01	-1.191725E-01	3.315157E-02	2.819001E-03	6.218016E-03	2.031632E-02
214902	G	7.067707E-01	1.203634E-01	3.468296E-02	-2.716903E-03	6.261945E-03	-2.028045E-02
215101	G	3.301459E-01	-2.196922E-02	2.217196E-02	-3.850646E-03	-1.043309E-02	2.012144E-02
215102	G	3.285392E-01	2.163408E-02	2.249993E-02	3.914025E-03	-1.633146E-02	-2.003450E-02
215201	G	-5.677275E-04	-3.666605E-04	-6.926551E-03	-1.463985E-03	-1.920580E-02	1.054628E-02
215202	G	-7.572300E-04	-8.149748E-05	-7.178326E-03	1.464271E-03	-1.915379E-02	-1.050941E-02
222001	G	7.042512E-01	9.638896E-01	-1.000000E 00	4.630101E-02	-2.053802E-05	1.607317E-02
222002	G	7.051464E-01	-9.593139E-01	-9.984324E-01	-4.621663E-02	4.825000E-05	-1.602795E-02
222201	G	2.934340E-01	1.399272E-01	-4.646155E-01	3.832047E-02	-2.144320E-02	1.419683E-02
222202	G	2.921772E-01	-1.394957E-01	-4.640693E-01	-3.827590E-02	-2.132980E-02	-1.411892E-02
223301	G	-1.745984E-03	3.872723E-04	2.992972E-03	1.820996E-02	-2.435660E-02	7.473759E-03
223302	G	-1.684631E-03	-6.161416E-05	3.053964E-03	-1.819819E-02	-2.429882E-02	-7.453572E-03
223401	G	7.042512E-01	1.194754E 00	-9.997011E-01	4.630101E-02	-2.053802E-05	1.607317E-02
223402	G	7.051464E-01	-1.192520E 00	-9.991344E-01	-4.621663E-02	4.825000E-05	-1.602795E-02
520018	G	-3.291309E-02	-1.999187E-03	-2.159926E-03	1.773220E-03	-5.755988E-04	2.145742E-03
520024	G	-3.424358E-02	-1.999187E-03	-1.055535E-03	1.773193E-03	-5.755988E-04	2.146345E-03
520057	G	-4.145123E-02	-1.999239E-03	4.805743E-03	1.840831E-03	-5.755988E-04	2.345898E-03
520065	G	-4.328484E-02	-1.999251E-03	6.222174E-03	1.888449E-03	-5.755988E-04	2.484921E-03
520068	G	-4.421751E-02	-1.999257E-03	6.925441E-03	1.913366E-03	-5.755988E-04	2.557702E-03
520079	G	-4.709125E-02	-1.999375E-03	9.030011E-03	1.982209E-03	-5.755988E-04	2.758667E-03
520135	G	-6.555200E-02	-2.000212E-03	2.113789E-02	2.294803E-03	-5.755988E-04	3.663188E-03
520139	G	-6.705946E-02	-2.000290E-03	2.238074E-02	2.303899E-03	-5.755988E-04	3.688578E-03
520152	G	-7.191968E-02	-2.000538E-03	2.513906E-02	2.315593E-03	-5.755988E-04	3.720849E-03
520185	G	-8.419096E-02	-2.000538E-03	3.274587E-02	2.315593E-03	-5.755988E-04	3.720849E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.253426E 04

REAL EIGENVECTOR NO. 20

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-9.067431E-03	-1.497810E-01	-1.291571E-32	0.0	0.0	0.0
3339	G	9.148899E-03	-1.498358E-01	1.346631E-32	0.0	0.0	0.0
3341	G	-5.821146E-03	-1.501799E-01	-1.293047E-32	0.0	0.0	0.0
3349	G	5.523387E-03	-1.499953E-01	1.349336E-32	0.0	0.0	0.0
4631	G	-2.107942E-02	-1.256291E-01	-2.453226E-32	0.0	0.0	0.0
4633	G	-1.067569E-02	-1.329619E-01	-1.957397E-32	0.0	0.0	0.0
4637	G	1.701085E-02	-1.323815E-01	1.830790E-32	0.0	0.0	0.0
4639	G	2.116709E-02	-1.255884OE-01	2.298591E-32	0.0	0.0	0.0
4641	G	-2.161520E-02	-1.105410E-01	-2.631337E-32	0.0	0.0	0.0
4649	G	2.120226E-02	-1.105953E-01	2.479244E-32	0.0	0.0	0.0
4661	G	-1.458462E-02	-9.378970E-02	-2.038665OE-32	0.0	0.0	0.0
4669	G	1.337462E-02	-9.402192E-02	1.933377E-32	0.0	0.0	0.0
6123	G	-1.917228E-02	-1.151937E-01	-2.419727E-32	0.0	0.0	0.0
6127	G	1.979306E-02	-1.153564E-01	2.357107E-32	0.0	0.0	0.0
6131	G	-2.552968E-02	-1.332116E-01	-3.279864E-32	0.0	0.0	0.0
6133	G	-1.823406E-02	-1.331969E-01	-2.426231E-32	0.0	0.0	0.0
6137	G	1.847633E-02	-1.332523E-01	2.363649E-32	0.0	0.0	0.0
6139	G	2.580449E-02	-1.332729E-01	3.218136E-32	0.0	0.0	0.0
6141	G	-2.653686E-02	-9.448344E-02	-3.410144E-32	0.0	0.0	0.0
6143	G	-1.663253E-02	-9.449161E-02	-2.455414E-32	0.0	0.0	0.0
6147	G	1.626749E-02	-9.497632E-02	2.339124E-32	0.0	0.0	0.0
6149	G	2.589217E-02	-9.497328E-02	3.345137E-32	0.0	0.0	0.0
6161	G	-2.632252E-02	-7.247472E-02	-3.484702E-32	0.0	0.0	0.0
6163	G	-1.528842E-02	-7.249439E-02	-2.470d90E-32	0.0	0.0	0.0
6167	G	1.468972E-02	-7.265443E-02	2.410180E-32	0.0	0.0	0.0
6169	G	2.579655E-02	-7.263547E-02	3.423235E-32	0.0	0.0	0.0
6171	G	-1.353552E-02	-7.210759E-02	-2.439827E-32	0.0	0.0	0.0
6179	G	1.227391E-02	-7.196164E-02	2.307479E-32	0.0	0.0	0.0
7031	G	-2.746702E-02	-8.532888E-02	0.0	0.0	0.0	0.0
7033	G	-1.748751E-02	-8.529800E-02	-2.663535E-32	0.0	0.0	0.0
7037	G	1.883212E-02	-8.527600E-02	2.633334E-32	0.0	0.0	0.0
7039	G	2.774709E-02	-8.531736E-02	0.0	0.0	0.0	0.0
7043	G	-1.657531E-02	0.0	-2.634790E-32	0.0	0.0	0.0
7047	G	1.622136E-02	0.0	2.628012E-32	0.0	0.0	0.0
7061	G	-2.773186E-02	-4.916544E-02	-3.525363E-32	0.0	0.0	0.0
7063	G	-1.563140E-02	-4.916544E-02	-2.627452E-32	0.0	0.0	0.0
7067	G	1.506893E-02	-4.968722E-02	2.617520E-32	0.0	0.0	0.0
7069	G	2.730559E-02	-4.963294E-02	3.278139E-32	0.0	0.0	0.0
7071	G	-3.662888E-02	0.0	-2.624036E-32	0.0	0.0	0.0
7079	G	3.596554E-02	0.0	2.381571E-02	0.0	0.0	0.0
7505	G	4.721034E-05	-1.167043E-01	-3.557096E-05	-2.663434E-03	7.339570E-06	1.814481E-33
8300	G	2.340446E-04	-2.343265E-33	-3.639268E-05	0.0	0.0	0.0
8531	G	-5.139332E-02	-5.881272E-32	0.0	0.0	0.0	0.0
8533	G	-1.798751E-02	-5.904247E-02	-2.674155E-02	0.0	0.0	0.0
8537	G	1.830212E-02	-5.904247E-02	2.652714E-32	0.0	0.0	0.0
8539	G	5.139266E-02	-5.886718E-32	0.0	0.0	0.0	0.0
8543	G	-1.649343E-02	0.0	-2.652039E-32	0.0	0.0	0.0
8547	G	1.617926E-02	0.0	2.629247E-32	0.0	0.0	0.0
8561	G	-2.868294E-02	-1.711470E-02	-3.977098E-32	0.0	0.0	0.0
8563	G	-1.596801E-02	-1.710707E-02	-2.645490E-02	0.0	0.0	0.0
8567	G	1.562807E-02	-1.627684E-02	2.624275E-32	0.0	0.0	0.0
8569	G	2.833606E-02	-1.627683E-02	3.689514E-32	0.0	0.0	0.0
8571	G	-3.812684E-02	0.0	-3.232583E-32	0.0	0.0	0.0
8579	G	3.611033E-02	0.0	3.023612E-32	0.0	0.0	0.0
9303	G	-2.917211E-02	-9.144376E-02	-2.810517E-32	0.0	0.0	0.0
9307	G	2.146220E-02	-9.142053E-02	2.285533E-32	0.0	0.0	0.0

9313	G	-2.457155E-02	-8.073300E-02	-2.319669E-02	0.0	0.0	0.0
9317	G	2.174785E-02	-8.061647E-02	2.295592E-02	0.0	0.0	0.0
9331	G	-3.316991E-02	-4.224061E-02	-4.266124E-02	0.0	0.0	0.0
9333	G	-1.738775E-02	-4.233726E-02	-2.327117E-02	0.0	0.0	0.0
9337	G	1.772040E-02	-4.304996E-02	2.344026E-02	0.0	0.0	0.0
9339	G	3.291329E-02	-4.313122E-02	3.908977E-02	0.0	0.0	0.0
9341	G	0.0	-1.255817E-02	-5.010760E-02	0.0	0.0	0.0
9343	G	-1.625163E-02	-1.211798E-02	-2.368392E-02	0.0	0.0	0.0
9347	G	1.611872E-02	-1.114405E-02	2.379434E-02	0.0	0.0	0.0
9349	G	0.0	-1.091340E-02	4.669328E-02	0.0	0.0	0.0
9361	G	-2.831529E-02	6.842826E-03	-4.295846E-02	0.0	0.0	0.0
9363	G	-1.569226E-02	6.820370E-03	-2.372380E-02	0.0	0.0	0.0
9367	G	1.529540E-02	7.078931E-03	2.395957E-02	0.0	0.0	0.0
9369	G	2.762623E-02	7.057369E-03	4.032820E-02	0.0	0.0	0.0
9371	G	-2.801443E-02	2.308057E-02	-4.252093E-02	0.0	0.0	0.0
9373	G	0.0	2.303303E-02	-2.699760E-02	0.0	0.0	0.0
9377	G	0.0	2.244829E-02	2.699013E-02	0.0	0.0	0.0
9379	G	2.713612E-02	2.221823E-02	3.985478E-02	0.0	0.0	0.0
11300	G	-2.319284E-02	-8.071095E-03	-2.979941E-02	0.0	0.0	0.0
11503	G	-2.196769E-02	-2.774000E-02	0.0	0.0	0.0	0.0
11507	G	1.913953E-02	-2.774000E-02	0.0	0.0	0.0	0.0
11531	G	-3.093659E-02	1.664946E-03	0.0	0.0	0.0	0.0
11533	G	-1.594373E-02	1.689719E-03	-1.930122E-02	0.0	0.0	0.0
11537	G	1.559358E-02	1.666369E-03	2.055121E-02	0.0	0.0	0.0
11539	G	3.071710E-02	1.617786E-03	0.0	0.0	0.0	0.0
11543	G	-1.547261E-02	2.215953E-02	-1.929499E-02	0.0	0.0	0.0
11547	G	1.552257E-02	2.215953E-02	2.056946E-02	0.0	0.0	0.0
11561	G	-2.416446E-02	4.255504E-02	-3.299909E-02	0.0	0.0	0.0
11563	G	-1.479252E-02	4.264456E-02	-1.927290E-02	0.0	0.0	0.0
11567	G	1.459726E-02	4.070000E-02	2.055777E-02	0.0	0.0	0.0
11569	G	2.357255E-02	4.061720E-02	3.157904E-02	0.0	0.0	0.0
11571	G	-3.201121E-02	0.0	-2.917822E-02	0.0	0.0	0.0
11579	G	3.051082E-02	0.0	2.783150E-02	0.0	0.0	0.0
11700	G	1.421427E-02	-5.993869E-03	2.286225E-02	0.0	0.0	0.0
13500	G	-2.081586E-04	9.413046E-02	-1.010461E-04	0.0	0.0	0.0
13801	G	-2.337762E-02	1.982294E-02	-2.117167E-02	0.0	0.0	0.0
13803	G	-1.732789E-02	1.809010E-02	-1.372756E-02	0.0	0.0	0.0
13807	G	1.449516E-02	1.807348E-02	1.455087E-02	0.0	0.0	0.0
13809	G	2.048468E-02	1.976553E-02	2.237425E-02	0.0	0.0	0.0
13821	G	-2.301202E-02	3.129247E-02	-2.372194E-02	0.0	0.0	0.0
13823	G	-1.430030E-02	3.132362E-02	-1.383546E-02	0.0	0.0	0.0
13827	G	1.231948E-02	3.124028E-02	1.466398E-02	0.0	0.0	0.0
13829	G	2.115797E-02	3.123479E-02	2.513178E-02	0.0	0.0	0.0
13831	G	-2.914317E-02	4.398630E-02	-2.624583E-02	0.0	0.0	0.0
13833	G	-1.433919E-02	4.401931E-02	-1.424411E-02	0.0	0.0	0.0
13837	G	1.364175E-02	4.421815E-02	1.490847E-02	0.0	0.0	0.0
13839	G	2.823969E-02	4.430489E-02	2.636378E-02	0.0	0.0	0.0
13841	G	0.0	5.824343E-02	-2.468269E-02	0.0	0.0	0.0
13843	G	-1.377985E-02	5.787761E-02	-1.436513E-02	0.0	0.0	0.0
13847	G	1.342764E-02	5.793911E-02	1.493751E-02	0.0	0.0	0.0
13848	G	1.340728E-02	5.328727E-02	1.459092E-02	0.0	0.0	0.0
13849	G	0.0	5.333612E-02	1.544181E-02	0.0	0.0	0.0
13861	G	-1.715403E-02	7.017392E-02	-2.453192E-02	0.0	0.0	0.0
13863	G	-1.317599E-02	7.017142E-02	-1.438810E-02	0.0	0.0	0.0
13867	G	1.311551E-02	6.186802E-02	1.456020E-02	0.0	0.0	0.0
13869	G	1.930403E-02	6.187085E-02	2.414964E-02	0.0	0.0	0.0
13871	G	-1.702704E-02	0.0	-2.647026E-02	0.0	0.0	0.0
13879	G	2.814110E-02	0.0	1.761930E-02	0.0	0.0	0.0
14801	G	-2.337762E-02	3.558943E-02	-2.295369E-02	0.0	0.0	0.0
14803	G	-1.505468E-02	3.422109E-02	-1.471632E-02	0.0	0.0	0.0
14807	G	1.218471E-02	3.421775E-02	1.456757E-02	0.0	0.0	0.0
14809	G	2.048468E-02	3.558311E-02	2.279926E-02	0.0	0.0	0.0
14821	G	-2.235261E-02	4.702965E-02	-2.533468E-02	0.0	0.0	0.0
14823	G	-1.389911E-02	4.704216E-02	-1.471632E-02	0.0	0.0	0.0
14827	G	1.187870E-02	4.705221E-02	1.456757E-02	0.0	0.0	0.0
14829	G	2.044427E-02	4.703489E-02	2.515848E-02	0.0	0.0	0.0

14831	G	-2.876911E-02	6.056483E-02	-2.448616E-02	0.0	0.0	0.0
14833	G	-1.386556E-02	6.059233E-02	-1.464678E-02	0.0	0.0	0.0
14837	G	1.299410E-02	6.061317E-02	1.456480E-02	0.0	0.0	0.0
14839	G	2.783717E-02	6.058404E-02	2.418101E-02	0.0	0.0	0.0
14841	G	0.0	7.072610E-02	-2.340797E-02	0.0	0.0	0.0
14843	G	-1.304544E-02	7.100844E-02	-1.459828E-02	0.0	0.0	0.0
14847	G	1.280773E-02	7.081503E-02	1.459451E-02	0.0	0.0	0.0
14849	G	0.0	7.048428E-02	2.292323E-02	0.0	0.0	0.0
14861	G	-1.396289E-02	7.871276E-02	-2.252689E-02	0.0	0.0	0.0
14863	G	-1.280276E-02	7.888973E-02	-1.427944E-02	0.0	0.0	0.0
14867	G	1.259607E-02	7.788020E-02	1.430013E-02	0.0	0.0	0.0
14869	G	1.430580E-02	7.777774E-02	2.187034E-02	0.0	0.0	0.0
14881	G	-1.120282E-02	9.326679E-02	-2.382451E-02	0.0	0.0	0.0
14883	G	-1.642385E-03	9.350640E-02	-1.650476E-02	0.0	0.0	0.0
14887	G	1.039481E-03	9.311938E-02	1.619351E-02	0.0	0.0	0.0
14889	G	9.573191E-03	9.276432E-02	2.350601E-02	0.0	0.0	0.0
15212	G	-1.861363E-02	4.349718E-02	-2.022782E-02	-1.429328E-03	1.288263E-04	1.139781E-03
15218	G	1.609993E-02	4.354388E-02	1.971020E-02	-1.430821E-03	-3.611519E-05	1.151189E-03
15601	G	-1.935453E-02	4.623912E-02	-2.443336E-02	0.0	0.0	0.0
15603	G	-1.505468E-02	4.323675E-02	-1.573533E-02	0.0	0.0	0.0
15607	G	1.218471E-02	4.332364E-02	1.483742E-02	0.0	0.0	0.0
15609	G	1.644308E-02	4.633496E-02	2.321559E-02	0.0	0.0	0.0
15621	G	-2.152217E-02	5.581092E-02	-2.609112E-02	0.0	0.0	0.0
15623	G	-1.580254E-02	5.605783E-02	-1.812231E-02	0.0	0.0	0.0
15625	G	-9.373231E-04	5.631870E-02	-4.562375E-04	0.0	0.0	0.0
15627	G	1.380118E-02	5.615811E-02	1.722689E-02	0.0	0.0	0.0
15629	G	1.957385E-02	5.587775E-02	2.483821E-02	0.0	0.0	0.0
15633	G	-1.527430E-03	0.0	-1.751813E-02	0.0	0.0	0.0
15637	G	5.057649E-04	0.0	1.678398E-02	0.0	0.0	0.0
16481	G	-8.170985E-03	9.153539E-02	-2.498948E-02	0.0	0.0	0.0
16483	G	-2.936774E-03	9.160602E-02	0.0	0.0	0.0	0.0
16485	G	-5.142102E-04	9.184957E-02	0.0	0.0	0.0	0.0
16487	G	1.962100E-03	9.191537E-02	0.0	0.0	0.0	0.0
16489	G	6.406546E-03	9.195256E-02	2.578804E-02	0.0	0.0	0.0
17100	G	-5.295475E-04	1.055802E-01	-7.472264E-04	0.0	0.0	0.0
18601	G	-1.243405E-02	7.846707E-02	-1.754310E-02	0.0	0.0	0.0
18603	G	-7.198274E-03	7.642317E-02	-1.057462E-02	0.0	0.0	0.0
18607	G	6.069124E-03	7.650197E-02	8.513320E-03	0.0	0.0	0.0
18609	G	1.083707E-02	7.628003E-02	1.440499E-02	0.0	0.0	0.0
18621	G	-1.435992E-02	8.353513E-02	-1.929972E-02	0.0	0.0	0.0
18623	G	-7.674456E-03	8.309001E-02	-1.135539E-02	0.0	0.0	0.0
18625	G	-5.122866E-04	8.283490E-02	-8.690273E-04	0.0	0.0	0.0
18627	G	6.236617E-03	8.290941E-02	9.288467E-03	0.0	0.0	0.0
18629	G	1.123081E-02	8.330113E-02	1.601467E-02	0.0	0.0	0.0
18631	G	-1.577976E-02	7.648093E-02	-1.874699E-02	0.0	0.0	0.0
18633	G	0.0	7.687438E-02	-1.096233E-02	0.0	0.0	0.0
18635	G	0.0	7.690072E-02	-7.079064E-04	0.0	0.0	0.0
18637	G	0.0	7.653451E-02	9.531502E-03	0.0	0.0	0.0
18639	G	1.443640E-02	7.630336E-02	1.701055E-02	0.0	0.0	0.0
18641	G	-1.445850E-02	6.986666E-02	-1.928643E-02	-1.916052E-03	2.344723E-04	9.473681E-04
18642	G	-1.287485E-02	7.331447E-02	-1.653164E-02	-1.221788E-03	1.766323E-04	6.512059E-04
18643	G	-1.080506E-02	7.383070E-02	-1.213761E-02	0.0	1.189515E-04	5.491800E-04
18644	G	-8.815069E-03	7.166803E-02	-6.215302E-03	0.0	0.0	1.446248E-04
18645	G	-7.924546E-03	7.177347E-02	-6.092540E-04	0.0	0.0	2.321023E-04
18646	G	-5.326916E-03	7.128811E-02	5.097095E-03	0.0	0.0	7.342992E-04
18647	G	2.756161E-03	7.001370E-02	1.150545E-02	0.0	6.748538E-04	1.809495E-03
18648	G	9.330839E-03	6.939507E-02	1.622047E-02	-1.329463E-03	4.644075E-04	1.984237E-03
18649	G	1.371003E-02	6.887895E-02	1.927647E-02	-2.070989E-03	2.533796E-04	2.405611E-03
18651	G	-1.398627E-02	7.376820E-02	-1.958790E-02	-1.929765E-03	1.345664E-04	6.698705E-04
18652	G	-1.265042E-02	7.390738E-02	-1.664436E-02	-1.283204E-03	2.156145E-04	6.671376E-04
18653	G	1.008601E-02	7.321221E-02	1.630199E-02	-1.379195E-03	2.378704E-04	2.027642E-03
18654	G	1.423953E-02	7.301927E-02	1.950590E-02	-2.117427E-03	2.193329E-04	2.139382E-03
18656	G	-1.340462E-02	8.441167E-02	-1.945475E-02	-1.890299E-03	1.236926E-04	9.070009E-04
18657	G	-1.154547E-02	8.435678E-02	-1.680952E-02	-1.080551E-03	2.532529E-04	9.503295E-04
18658	G	1.140884E-02	8.451599E-02	1.648599E-02	-1.179467E-03	2.059631E-04	1.859423E-03
18659	G	1.504504E-02	8.454729E-02	1.935476E-02	-2.009142E-03	1.126017E-04	1.765169E-03

18661	G	-1.2879411E-02	8.8422488E-02	-1.8839111E-02	-2.1588830E-03	6.1835268E-04	5.3600488E-04
18662	G	-1.1229668E-02	8.8004478E-02	-1.6523438E-02	-8.7756458E-04	7.6017028E-04	1.0526518E-03
18663	G	-7.4702918E-03	8.7554518E-02	-1.3185618E-02	5.6541458E-05	9.0159738E-04	1.0543778E-03
18664	G	-3.7880488E-03	8.6868768E-02	-6.2865998E-03	0.0	0.0	1.8988168E-04
18665	G	-3.5219918E-03	8.6732398E-02	-6.1436568E-04	0.0	0.0	2.2045668E-05
18666	G	-2.1428718E-03	8.7019568E-02	5.1974628E-03	0.0	0.0	5.7435908E-04
18667	G	5.2385638E-03	8.7885088E-02	1.2635888E-02	6.4473898E-05	-8.3122268E-04	1.7934208E-03
18668	G	1.1626208E-02	8.8380998E-02	1.6195628E-02	-9.4198208E-04	-6.9265078E-04	1.8195608E-03
18669	G	1.4805398E-02	8.8833038E-02	1.8691028E-02	-2.2982498E-03	-5.5369578E-04	1.2888188E-03
18681	G	-6.2100378E-03	8.7443838E-02	-1.6833768E-02	0.0	0.0	0.0
18683	G	2.1542628E-03	8.6853808E-02	-1.3382628E-02	5.8541458E-05	5.9039438E-04	-2.3510428E-04
18685	G	-6.0421098E-04	8.8572628E-02	-5.3108608E-04	0.0	0.0	0.0
18687	G	-3.6645728E-03	8.7113388E-02	1.2864308E-02	6.4473898E-05	-5.3395638E-04	-2.3510428E-04
18689	G	4.8246688E-03	8.7727198E-02	1.6391948E-02	0.0	0.0	0.0
18983	G	2.8575868E-03	7.9038148E-02	-5.9205618E-03	0.0	-3.3135538E-03	-3.4139498E-03
18987	G	-4.4467718E-03	7.9287298E-02	5.2093948E-03	0.0	3.3856438E-03	-3.4188208E-03
19741	G	-8.6899478E-03	5.2752918E-02	-1.4208348E-02	-1.3878918E-03	-4.9054628E-04	5.9999718E-04
19742	G	-6.1317388E-03	5.4089058E-02	-8.0686558E-03	-4.8884428E-04	-5.5821828E-04	5.1697138E-04
19743	G	-3.1295758E-03	5.4452758E-02	-7.0676678E-03	0.0	-3.9051608E-04	4.1189678E-04
19745	G	-5.8427908E-04	5.4930008E-02	-7.2441638E-04	0.0	0.0	3.0352808E-04
19747	G	2.8294588E-03	5.4087568E-02	5.9186298E-03	0.0	7.5997328E-04	6.3120018E-04
19748	G	4.3736968E-03	5.3622828E-02	7.0682548E-03	-5.2950628E-04	8.5665108E-04	7.9773308E-04
19749	G	1.1365698E-02	5.2050228E-02	1.3916408E-02	-1.5841828E-03	4.5541428E-04	9.3606168E-04
19751	G	-1.2666758E-02	6.8165538E-02	-1.4185348E-02	-1.6511208E-03	-7.9182378E-04	4.5335928E-04
19752	G	-7.7941728E-03	6.8147338E-02	-8.2074298E-03	-4.9776968E-04	-3.5171168E-04	7.3007548E-04
19758	G	1.0291288E-02	6.8440768E-02	7.2360348E-03	-4.9567258E-04	6.4170298E-04	7.4887698E-04
19759	G	1.5195938E-02	6.8735248E-02	1.3885438E-02	-1.9412328E-03	7.8949438E-04	4.2825568E-04
19761	G	-1.4791428E-02	6.8784368E-02	-1.4137928E-02	-5.6538968E-04	-8.9333908E-04	8.0877988E-04
19762	G	-8.5490208E-03	6.8141468E-02	-8.2890218E-03	-7.9538098E-04	-2.9100768E-04	8.3205738E-04
19763	G	-6.6136498E-03	6.7848748E-02	-6.8511898E-03	0.0	-3.2470708E-04	9.4688088E-04
19765	G	1.8104198E-03	6.7515958E-02	-7.3331718E-04	0.0	0.0	1.1138838E-03
19767	G	9.9766338E-03	6.8165068E-02	5.7224048E-03	0.0	6.7781898E-04	8.8177578E-04
19768	G	1.1750558E-02	6.8540518E-02	7.3313238E-03	-8.9000828E-04	5.7554348E-04	7.4800458E-04
19769	G	1.7333778E-02	6.9346738E-02	1.3829158E-02	-6.0992928E-04	9.0297038E-04	7.2152428E-04
21183	G	5.0517888E-03	-3.7056518E-02	3.1963738E-02	0.0	1.5581068E-03	-4.9793838E-03
21187	G	-6.8464918E-03	-3.7060818E-02	-3.0774678E-02	0.0	-1.8964758E-03	-4.9969598E-03
21321	G	-7.0806828E-03	9.2757408E-02	2.5947118E-02	0.0	0.0	0.0
21323	G	-4.2421528E-03	9.2376418E-02	1.7118518E-02	0.0	0.0	0.0
21325	G	7.9190228E-04	9.2276558E-02	5.1606038E-04	0.0	0.0	0.0
21327	G	6.1918248E-03	9.2287068E-02	-1.6507938E-02	0.0	0.0	0.0
21329	G	1.0797848E-02	9.2665678E-02	-2.6590918E-02	0.0	0.0	0.0
21341	G	-5.2117858E-03	2.5925228E-02	2.9147428E-02	3.8108798E-04	-1.3643218E-03	8.2676518E-04
21343	G	-5.1052858E-04	2.6335158E-02	2.3253238E-02	0.0	-1.3062488E-03	8.5049568E-04
21345	G	9.1044138E-03	2.6973098E-02	8.4382378E-04	0.0	-2.6077228E-04	6.6121768E-04
21347	G	1.3172048E-02	2.6513698E-02	-2.1619468E-02	0.0	7.8470318E-04	-7.4723118E-05
21349	G	1.2411028E-02	2.6173578E-02	-2.7169698E-02	2.8013958E-04	8.4277668E-04	-2.0232358E-04
21361	G	-1.6024148E-02	8.3189168E-03	2.9238278E-02	0.0	0.0	0.0
21363	G	-1.1029038E-02	8.3198588E-03	2.5969798E-02	4.8324398E-03	1.2235808E-03	0.0
21364	G	-2.2939338E-03	8.2769328E-03	8.4223638E-03	0.0	0.0	0.0
21366	G	6.7098638E-03	8.3223518E-03	-6.5546638E-03	0.0	0.0	0.0
21367	G	1.4665828E-02	8.4142688E-03	-2.3971428E-02	4.8373948E-03	-1.6601788E-03	0.0
21369	G	1.9981948E-02	8.4820508E-03	-2.7345488E-02	0.0	0.0	0.0
21383	G	5.0966378E-03	-4.7718078E-02	2.8241228E-02	3.7093218E-03	1.4014668E-03	-4.7156148E-03
21387	G	-6.[illegible]7723E-03	-4.7762528E-02	-2.6213598E-02	3.7325518E-03	-1.8236858E-03	-4.7341888E-03
21485	G	0.0	-4.3541508E-02	1.3402988E-03	1.3758058E-03	0.0	0.0
21801	G	-4.5529578E-03	1.0594658E-01	2.2624518E-02	0.0	0.0	0.0
21803	G	2.0599938E-03	1.0864908E-01	1.5407868E-02	0.0	0.0	0.0
21807	G	3.0518318E-03	1.0887628E-01	-1.6666728E-02	0.0	0.0	0.0
21809	G	6.3576968E-03	1.0582558E-01	-2.4142728E-02	0.0	0.0	0.0
21821	G	8.7047108E-03	9.6563648E-02	2.6723778E-02	0.0	0.0	0.0
21823	G	-3.6713088E-03	9.6244758E-02	1.7058638E-02	0.0	0.0	0.0
21825	G	9.7006568E-04	9.6122508E-02	-6.8293408E-04	0.0	0.0	0.0
21827	G	6.0280458E-03	9.6277838E-02	-1.8635878E-02	0.0	0.0	0.0
21829	G	1.0084658E-02	9.6699128E-02	-2.7617128E-02	0.0	0.0	0.0
22312	G	-4.8966828E-03	1.0633998E-01	2.2927628E-02	0.0	0.0	0.0
22318	G	6.9425148E-03	1.0637548E-01	-2.4966518E-02	0.0	0.0	0.0

22701	G	-4.557244E-03	1.121192E-01	2.326221E-02	0.0	0.0	
22703	G	-1.290633E-03	1.168273E-01	1.266941E-03	0.0	0.0	
22707	G	2.506110E-03	1.169666E-01	-1.541942E-02	0.0	0.0	
22709	G	6.360516E-03	1.129407E-01	-2.582632E-02	0.0	0.0	
22721	G	-5.932990E-03	1.022492E-01	2.624532E-02	0.0	0.0	
22723	G	-3.248844E-03	1.021767E-01	1.796936E-02	0.0	0.0	
22725	G	1.183446E-03	1.025331E-01	-1.346514E-03	0.0	0.0	
22727	G	5.777940E-03	1.023211E-01	-2.359325E-02	0.0	0.0	
22729	G	8.982104E-03	1.026197E-01	-2.893709E-02	0.0	0.0	
23100	G	2.900006E-03	8.980727E-02	-1.443698E-03	0.0	0.0	
25001	G	-2.008548E-03	1.262451E-01	1.887897E-02	0.0	0.0	
25003	G	-1.327869E-03	1.297742E-01	1.198429E-02	0.0	0.0	
25007	G	1.955523E-03	1.298150E-01	-1.233063E-02	0.0	0.0	
25009	G	3.806809E-03	1.262773E-01	-2.429397E-02	0.0	0.0	
25021	G	-2.311157E-03	1.142797E-01	-2.564597E-02	0.0	0.0	
25025	G	1.182808E-03	1.140133E-01	-2.610473E-03	0.0	0.0	
25029	G	5.122203E-03	1.142183E-01	-3.111330E-02	0.0	0.0	
25041	G	-2.895600E-03	7.705432E-02	2.781415E-02	0.0	0.0	
25045	G	0.0	7.736218E-02	-2.530536E-03	0.0	0.0	
25049	G	-7.181369E-03	7.711491E-02	-3.328219E-02	0.0	0.0	
25061	G	-5.803477E-03	5.219690E-02	2.794312E-02	0.0	0.0	
25065	G	2.076997E-03	5.229053E-02	-2.389711E-03	0.0	0.0	
25069	G	1.082311E-02	5.218010E-02	-3.344597E-02	0.0	0.0	
26801	G	-3.565338E-04	1.325881E-01	1.150569E-02	0.0	0.0	
26809	G	1.572834E-03	1.325887E-01	-1.379417E-02	0.0	0.0	
26821	G	-4.197069E-05	1.172589E-01	2.449381E-02	0.0	0.0	
26825	G	9.616271E-04	1.175156E-01	-3.668657E-03	0.0	0.0	
26829	G	2.593345E-03	1.172838E-01	-3.155916E-02	0.0	0.0	
26841	G	6.416290E-05	8.701895E-02	2.512359E-02	0.0	0.0	
26845	G	0.0	8.695942E-02	-3.702393E-03	0.0	0.0	
26849	G	4.638862E-03	8.693421E-02	-3.222231E-02	0.0	0.0	
26861	G	-9.547521E-04	6.264902E-02	2.555291E-02	0.0	0.0	
26865	G	1.877729E-03	6.249911E-02	-3.412537E-03	0.0	0.0	
26869	G	4.842110E-03	6.252356E-02	-3.269798E-02	0.0	0.0	
29905	G	1.414124E-04	1.233941E-01	-2.866157E-03	0.0	0.0	
29921	G	5.753975E-03	1.124062E-01	1.852625E-02	0.0	0.0	
29925	G	5.725559E-04	1.124234E-01	-2.642274E-03	0.0	0.0	
29929	G	-6.169620E-03	1.124062E-01	-2.394238E-02	0.0	0.0	
29941	G	2.447490E-03	8.891322E-02	2.258639E-02	0.0	0.0	
29945	G	0.0	8.889636E-02	-2.686535E-03	0.0	0.0	
29949	G	-3.249575E-04	8.889586E-02	-2.788067E-02	0.0	0.0	
29961	G	6.590873E-03	6.544507E-02	1.922597E-02	0.0	0.0	
29965	G	1.363131E-03	6.530577E-02	-2.609206E-03	0.0	0.0	
29969	G	-5.682214E-03	6.544507E-02	-2.456091E-02	0.0	0.0	
30045	G	1.332356E-04	8.854300E-02	-2.688621E-03	1.781403E-03	2.430178E-03	-4.993121E-04
31745	G	1.949833E-05	7.232523E-02	-2.800345E-03	1.637724E-03	-1.100060E-03	-1.301112E-03
33845	G	-1.462153E-04	4.117628E-02	-2.178219E-03	1.368028E-03	-4.795921E-05	-1.654249E-03
35945	G	-3.827401E-04	-1.358962E-03	-7.134371E-04	1.060244E-03	-9.264385E-05	-2.286931E-03
38045	G	-6.949354E-04	-5.617777E-02	1.814571E-04	6.118203E-04	-1.485823E-04	-2.612430E-03
40141	G	1.261683E-01	-1.193753E-01	9.585980E-03	2.405717E-04	-2.188970E-04	-4.841521E-03
40142	G	1.746550E-02	-1.193753E-01	7.478133E-03	1.680615E-04	-2.188970E-04	-4.387125E-03
40143	G	3.215089E-02	-1.193753E-01	6.031718E-03	8.720020E-05	-2.188970E-04	-3.826825E-03
40145	G	-1.094465E-03	-1.193854E-01	5.664777E-03	1.788391E-05	-2.188122E-04	-3.149057E-03
40147	G	-3.435763E-02	-1.193753E-01	5.406477E-03	4.285625E-06	-2.188044E-04	-3.699124E-03
40148	G	-7.992947E-02	-1.193753E-01	5.424228E-03	-6.230557E-06	-2.189044E-04	-4.415363E-03
40149	G	-1.289713E-01	-1.193753E-01	5.532393E-03	-1.251534E-05	-2.189044E-04	-4.879281E-03
42245	G	-1.592004E-03	-1.863974E-02	1.108563E-02	-7.502155E-04	-2.992877E-04	-3.271287E-03
44345	G	-2.216544E-03	-2.524270E-01	1.839623E-02	-1.835140E-03	-4.301642E-04	-3.158043E-03
45245	G	-2.530971E-03	-2.792492E-01	2.226056E-02	-2.479668E-03	-4.497818E-04	-2.998832E-03
46445	G	-2.979352E-03	-3.109320E-01	2.795272E-02	-3.492288E-03	-5.121955E-04	-2.735479E-03
48045	G	-1.125162E-02	-2.667533E-01	3.628985E-02	-6.320278E-03	-5.328823E-04	-1.011293E-03
48845	G	-1.587971E-02	-2.149488E-01	4.094765E-02	-7.525304E-03	-5.502796E-04	-2.102848E-04
49745	G	-2.072469E-02	-1.426219E-01	4.579524E-02	-9.050824E-03	-5.632108E-04	-4.497269E-04
50645	G	-2.565635L-02	-5.309126E-02	5.073399E-02	-1.048778E-02	-5.718367E-04	8.291013E-04
51545	G	-3.068538E-02	5.129078E-02	5.572393E-02	-1.190128E-02	-5.809981E-04	2.973233E-04
52045	G	-3.589896E-02	1.654054E-01	5.868754E-02	-1.253193E-02	-5.869903E-04	1.270739E-03

61912	G	-1.335718E-02	9.082609E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61913	G	-1.400512E-02	8.768141E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	6.234779E-04
61914	G	-1.460573E-02	8.476639E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	8.910398E-04
61916	G	-1.488522E-02	7.321095E-02	-2.258096E-02	-2.366573E-03	4.466595E-04	6.713534E-04
61917	G	-1.533233E-02	7.084203E-02	-2.258096E-02	-2.366573E-03	4.466595E-04	-2.839755E-03
61918	G	-1.586341E-02	6.802815E-02	-2.258096E-02	-2.366573E-03	4.466595E-04	1.098983E-03
61922	G	-1.408491E-02	7.239324E-02	-1.722519E-02	-2.622129E-03	-9.602029E-04	-2.504673E-04
61923	G	-1.323993E-02	7.008576E-02	-1.722519E-02	-2.622129E-03	-9.602029E-04	3.622137E-04
61924	G	-1.246217E-02	6.796187E-02	-1.722519E-02	-2.622129E-03	-9.602029E-04	9.068759E-05
61926	G	-1.006868E-02	5.296317E-02	-1.747828E-02	-3.199891E-03	-6.172901E-04	-1.712103E-03
61927	G	-9.648919E-03	5.078724E-02	-1.747828E-02	-3.199891E-03	-6.172901E-04	6.852522E-04
61928	G	-9.019285E-03	4.752335E-02	-1.747828E-02	-3.199891E-03	-6.172901E-04	-2.191399E-03
61934	G	-7.402696E-03	2.918028E-02	2.418046E-02	-5.634882E-03	-1.370735E-03	-1.128042E-03
61935	G	-6.525423E-03	2.557395E-02	2.418046E-02	-5.634882E-03	-1.370735E-03	8.161594E-04
61936	G	-5.565912E-03	2.162953E-02	2.418046E-02	-5.634882E-03	-1.370735E-03	-1.325982E-03
62211	G	-1.712030E-02	1.014794E-01	-3.552888E-02	0.0	0.0	0.0
62213	G	-1.522385E-02	9.007186E-02	-3.555777E-02	-4.916105E-03	1.347390E-03	4.275769E-04
62217	G	-7.666502E-03	6.772131E-02	-3.691078E-02	-5.385846E-03	1.613275E-03	-2.284503E-03
62219	G	-5.790368E-03	5.893147E-02	-3.694512E-02	0.0	0.0	0.0
62221	G	-1.586839E-02	8.141583E-02	-2.533488E-02	-6.618500E-03	-3.759864E-03	-5.626581E-04
62224	G	-1.233568E-02	6.987906E-02	-2.541990E-02	-3.838173E-03	2.691336E-04	3.038083E-03
62226	G	-5.225834E-03	5.081198E-02	-2.571679E-02	-3.731368E-03	5.729664E-05	-1.641714E-03
62229	G	-2.354315E-03	4.278049E-02	-2.579005E-02	-5.518585E-03	-3.166278E-03	-1.812062E-03
62231	G	-5.195968E-03	3.306978E-02	2.417226E-03	-4.912395E-03	-1.227045E-03	-1.091785E-03
62239	G	-1.630017E-03	2.168237E-02	2.439693E-03	-7.743180E-03	-1.435770E-03	-1.283430E-03
62811	G	-1.345447E-02	1.007052E-01	-6.425208E-02	0.0	0.0	0.0
62819	G	9.977569E-05	6.085139E-02	-6.386447E-02	0.0	0.0	0.0
62821	G	-1.081255E-02	8.198750E-02	-5.052184E-02	0.0	0.0	0.0
62829	G	3.395974E-03	4.285320E-02	-5.036461E-02	0.0	0.0	0.0
62831	G	1.855671E-04	3.520765E-02	-2.492720E-02	0.0	0.0	0.0
62839	G	3.904358E-03	2.461766E-02	-2.495950E-02	0.0	0.0	0.0
63411	G	-7.724162E-03	1.024753E-01	-9.163439E-02	0.0	0.0	0.0
63419	G	5.427271E-03	6.103655E-02	-9.154671E-02	0.0	0.0	0.0
63421	G	-4.925251E-03	8.260608E-02	-7.634133E-02	0.0	0.0	0.0
63429	G	9.175193E-03	4.316448E-02	-7.639790E-02	0.0	0.0	0.0
63431	G	5.949736E-03	3.734297E-02	-5.179234E-02	0.0	0.0	0.0
63439	G	9.721078E-03	2.723592E-02	-5.182181E-02	0.0	0.0	0.0
64211	G	-1.160491E-03	1.045121E-01	-1.360024E-01	0.0	0.0	0.0
64219	G	1.273609E-02	6.249822E-02	-1.358815E-01	0.0	0.0	0.0
64221	G	2.365902E-03	8.343744E-02	-1.175857E-01	0.0	0.0	0.0
64229	G	1.730497E-02	4.441727E-02	-1.176376E-01	-5.237676E-03	-1.914327E-03	-1.897234E-03
64231	G	1.376826E-02	4.098348E-02	-9.143502E-02	0.0	0.0	0.0
64239	G	1.802514E-02	3.077817E-02	-9.146279E-02	0.0	0.0	0.0
65011	G	3.695583E-03	1.059132E-01	-1.851025E-01	0.0	0.0	0.0
65019	G	1.914024E-02	6.544548E-02	-1.849079E-01	0.0	0.0	0.0
65021	G	8.546196E-03	8.399975E-02	-1.619317E-01	0.0	0.0	0.0
65029	G	2.486956E-02	4.671838E-02	-1.619558E-01	0.0	0.0	0.0
65031	G	2.080100E-02	4.507069E-02	-1.330332E-01	0.0	0.0	0.0
65039	G	2.580538E-02	3.458283E-02	-1.330489E-01	0.0	0.0	0.0
65911	G	7.324949E-03	1.059633E-01	-2.387983E-01	0.0	0.0	0.0
65919	G	2.468256E-02	7.042352E-02	-2.397342E-01	0.0	0.0	0.0
65921	G	1.433955E-02	8.345747E-02	-2.085245E-01	0.0	0.0	0.0
65929	G	3.224269E-02	5.054738E-02	-2.084936E-01	-5.983718E-03	-3.574554E-03	-2.297114E-03
65931	G	2.734051E-02	4.941152E-02	-1.772258E-01	0.0	0.0	0.0
65939	G	3.316624E-02	3.907639E-02	-1.772252E-01	0.0	0.0	0.0
71912	G	1.627722E-02	9.142333E-02	2.256051E-02	-2.577917E-03	-4.411098E-04	1.003133E-03
71913	G	1.684493E-02	8.810556E-02	2.256051E-02	-2.577917E-03	-4.411098E-04	6.447411E-04
71914	G	1.737117E-02	8.503014E-02	2.256051E-02	-2.577917E-03	-4.411098E-04	1.721304E-03
71916	G	1.715222E-02	7.229400E-02	2.275915E-02	-2.519853E-03	1.765143E-05	2.190786E-03
71917	G	1.713455E-02	6.977165E-02	2.275915E-02	-2.519853E-03	1.765143E-05	-2.179042E-03
71918	G	1.711356E-02	6.677550E-02	2.275915E-02	-2.519853E-03	1.765143E-05	2.607130E-03
71922	G	1.653029E-02	7.359916E-02	1.745944E-02	-3.052574E-03	9.227009E-04	-7.064543E-05
71923	G	1.571831E-02	7.091290E-02	1.745844E-02	-3.052574E-03	9.227009E-04	3.225659E-04
71924	G	1.497092E-02	6.844032E-02	1.745944E-02	-3.052574E-03	9.227009E-04	3.911287E-04
71926	G	1.318809E-02	5.232418E-02	1.766957E-02	-3.651552E-03	5.106481E-04	-1.386128E-03
71927	G	1.284085E-02	4.984112E-02	1.766957E-02	-3.651552E-03	5.106481E-04	1.047560E-03

71928	G	1.[illegible]-02	4.611635E-02	1.766[illegible]E-02	-3.[illegible]-01	[illegible]-04	-1.[illegible]-33
71934	G	1.[illegible]-02	2.982265E-02	-2.170[illegible]E-02	-6.[illegible]-01	[illegible]-04	-1.[illegible]-33
71935	G	1.[illegible]-02	2.592020E-02	-2.170[illegible]E-02	-6.[illegible]-01	[illegible]-04	-2.[illegible]-34
71936	G	1.[illegible]-02	2.165190E-02	-2.170[illegible]E-02	-6.[illegible]-01	[illegible]-04	-1.[illegible]-33
72211	G	1.[illegible]-02	1.030478E-01	3.[illegible]E-02	0.0	0.0	0.0
72213	G	1.[illegible]-02	9.371487E-02	3.[illegible]E-02	-5.[illegible]-01	[illegible]-03	-1.[illegible]-34
72217	G	1.[illegible]-02	6.640337E-02	3.[illegible]E-02	-5.[illegible]-01	[illegible]-03	-1.[illegible]-33
72219	G	9.[illegible]-03	5.704936E-02	3.777988E-02	0.0	0.0	0.0
72221	G	1.[illegible]-02	8.373940E-02	2.[illegible]-02	-7.[illegible]-01	[illegible]-03	-3.[illegible]-34
72224	G	1.566595E-02	7.085818E-02	2.760132E-02	-4.[illegible]-01	-6.[illegible]-03	-3.[illegible]-34
72226	G	9.334363E-03	5.312043E-02	2.795474E-02	-4.[illegible]-01	-4.[illegible]-03	-1.[illegible]-33
72229	G	6.783104E-03	4.117650E-02	2.[illegible]-02	-6.[illegible]-01	-2.[illegible]-03	-1.[illegible]-33
72231	G	4.762659E-03	3.654330E-02	2.[illegible]-02	-5.[illegible]-01	-1.[illegible]-03	-1.[illegible]-34
72239	G	6.403737E-03	2.177119E-02	2.[illegible]-03	-3.[illegible]-03	[illegible]-04	-1.[illegible]-33
72811	G	1.686552E-02	1.324618E-01	6.758237E-02	0.0	0.0	0.0
72819	G	5.922574E-03	5.953926E-02	6.726394E-02	0.0	0.0	0.0
72821	G	1.446600E-02	8.664092E-02	5.579476E-02	0.0	0.0	0.0
72829	G	2.085122E-03	4.159020E-02	5.562327E-02	0.0	0.0	0.0
72831	G	4.955390E-03	3.704634E-02	3.285724E-02	0.0	0.0	0.0
72839	G	1.613991E-03	2.521180E-02	3.289457E-02	0.0	0.0	0.0
73411	G	1.184886E-02	1.346699E-01	9.759963E-02	0.0	0.0	0.0
73419	G	6.347767E-04	5.977517E-02	9.751505E-02	0.0	0.0	0.0
73421	G	9.556442E-03	8.561772E-02	8.663587E-02	0.0	0.0	0.0
73429	G	-2.682414E-03	4.219170E-02	8.467138E-02	0.0	0.0	0.0
73431	G	1.427800E-04	3.963628E-02	6.317079E-02	0.0	0.0	0.0
73439	G	-3.175960E-03	2.829863E-02	6.320494E-02	0.0	0.0	0.0
74211	G	6.553609E-03	1.372922E-01	1.464202E-01	0.0	0.0	0.0
74219	G	-5.173489E-03	6.159199E-02	1.462778E-01	0.0	0.0	0.0
74221	G	3.660214E-03	8.701301E-02	1.307433E-01	0.0	0.0	0.0
74229	G	-9.174310E-03	4.395851E-02	1.307093E-01	-5.779[illegible]E-03	1.[illegible]-03	-1.[illegible]-33
74231	G	-6.122526E-03	4.398346E-02	1.081629E-01	0.0	0.0	0.0
74239	G	-9.825896E-03	3.248059E-02	1.081954E-01	0.0	0.0	0.0
75011	G	3.231593E-03	1.092412E-01	2.005766E-01	0.0	0.0	0.0
75019	G	-9.931598E-03	6.518066E-02	2.003378E-01	0.0	0.0	0.0
75021	G	-8.599078E-04	8.817881E-02	1.806367E-01	0.0	0.0	0.0
75029	G	-1.492355E-02	4.688726E-02	1.806552E-01	0.0	0.0	0.0
75031	G	-1.141593E-02	4.879186E-02	1.556231E-01	0.0	0.0	0.0
75039	G	-1.576441E-02	3.693234E-02	1.556418E-01	0.0	0.0	0.0
75911	G	-1.343705E-03	1.397759E-01	2.[illegible]-01	0.0	0.0	0.0
75919	G	-1.522332E-02	7.122633E-02	2.603905E-01	0.0	0.0	0.0
75921	G	-4.691243E-03	8.810688E-02	2.335395E-01	0.0	0.0	0.0
75929	G	-2.028082E-02	5.158655E-02	2.335581E-01	-6.640133E-03	3.[illegible]-03	-2.255197E-33
75931	G	-1.602744E-02	2.381166E-02	2.061652E-01	0.0	0.0	0.0
75939	G	-2.111366E-02	4.210531E-02	2.061678E-01	0.0	0.0	0.0
122400	G	3.566230E-03	-7.624101E-03	9.742185E-03	2.075490E-03	5.295072E-04	3.582139E-34
123667	G	9.058223E-03	4.376872E-02	-2.454336E-02	0.0	0.0	0.0
123687	G	4.715245E-03	4.767727E-03	-1.523286E-02	0.0	0.0	0.0
124800	G	3.566230E-03	9.371340E-04	-2.913033E-03	2.075490E-03	5.295072E-04	3.582139E-34
125063	G	-4.250731E-03	5.219690E-02	2.196643E-02	0.0	0.0	0.0
125065	G	3.122753E-03	5.229053E-02	-6.103046E-03	0.0	0.0	0.0
125067	G	9.099804E-03	5.218010F-02	-3.344597E-02	0.0	0.0	0.0
125383	G	-3.581060E-03	1.438884E-02	1.861438E-02	0.0	0.0	0.0
125387	G	4.823282E-03	1.438884E-02	-3.008076E-02	0.0	0.0	0.0
126863	G	-3.529756E-05	6.744902E-02	1.602373E-02	0.0	0.0	0.0
126867	G	3.619839E-03	6.252366E-02	-2.331121E-02	0.0	0.0	0.0
127200	G	3.566230E-03	9.220759E-03	-1.604480E-02	2.075490E-03	5.295072E-04	3.582139E-34
189073	G	2.401763E-02	-9.627748E-02	4.193254E-01	3.407647E-02	-2.329277E-04	-2.118628E-33
189077	G	-2.841841E-02	-9.627748E-02	-4.240673E-01	3.407647E-02	-2.329277E-04	-2.118628E-33
200070	G	-4.371232E-04	1.403682E-01	-2.773389E-05	3.407647E-02	-2.329277E-04	-2.118628E-33
200078	G	-2.200388E-03	-1.175909E-01	-2.773389E-05	3.407647E-02	-2.329277E-04	-2.118628E-33
200079	G	-2.545709E-03	-1.680734E-01	-2.776507E-05	3.413611E-02	-2.336964E-04	-2.118628E-33
200086	G	-4.564893E-03	-4.584641E-01	-2.784822E-05	3.865719E-02	-2.694334E-04	-2.118628E-33
200087	G	-4.238226E-03	-4.145613E-01	-2.784822E-05	3.431040E-02	-2.351500E-04	-2.118628E-33
200095	G	-6.672587E-03	-7.524749E-01	-2.794925E-05	2.949179E-02	-2.042219E-04	-2.118628E-33
200096	G	-6.311160E-03	-7.150336E-01	-2.794925E-05	3.433466E-02	-2.374721E-04	-2.118628E-33
200101	G	-7.659730E-03	-9.097863E-01	-2.801479E-05	2.158270E-02	-1.426920E-04	-2.118628E-33

200106	G	-8.243773E-03	-1.000000E 00	-2.813777E-05	1.210371E-02	-7.467381E-05	-2.118628E-03
200114	G	-8.396879E-03	-1.036929E 00	-2.832254E-05	-2.795232E-03	3.604841E-05	-2.118628E-03
200121	G	-7.810522E-03	-9.728411E-01	-2.848421E-05	-1.545764E-02	1.312164E-04	-2.118628E-03
200129	G	-6.364476E-03	-7.967460E-01	-2.866898E-05	-2.798449E-02	2.259092E-04	-2.118628E-03
200137	G	-4.266143E-03	-5.343955E-01	-2.866896E-05	-3.702149E-02	2.942891E-04	-2.118628E-03
200145	G	-1.728312E-03	-2.139906E-01	-2.866896E-05	-4.246279E-02	3.354964E-04	-2.118628E-03
200153	G	9.433685E-04	1.245299E-01	-2.866896E-05	-4.420419E-02	3.486841E-04	-2.118628E-03
200155	G	1.713958E-03	2.222208E-01	-2.866896E-05	-4.420419E-02	3.486841E-04	-2.118628E-03
211001	G	-6.617010E-02	-1.727799E-01	3.311557E-01	9.955160E-03	8.836251E-03	7.753514E-03
211002	G	5.669359E-02	-1.840835E-01	-3.375145E-01	1.007707E-02	-8.990176E-03	8.031491E-03
211073	G	2.401763E-02	-1.424212E-01	4.243985E-01	3.407647E-02	-2.329277E-04	-2.118623E-03
211077	G	-2.841841E-02	-1.424212E-01	-4.189941E-01	3.407647E-02	-2.329277E-04	-2.118623E-03
214075	G	-2.200388E-03	-1.483110E-01	3.349721E-03	3.407647E-02	-2.329277E-04	-2.118623E-03
214901	G	-6.617010E-02	1.329411E-01	-1.725766E-02	9.955160E-03	8.836251E-03	7.753514E-03
214902	G	5.669359E-02	1.325982E-01	1.696818E-02	1.007707E-02	-8.990176E-03	8.031491E-03
215101	G	2.246056E-02	4.172345E-02	2.560674E-02	1.203435E-03	5.616575E-03	2.150924E-03
215102	G	-2.907510E-02	4.149769E-02	-2.622605E-02	1.187443E-03	-5.503602E-03	2.402084E-03
215201	G	1.609993E-02	4.354388E-02	1.971020E-02	-1.215621E-03	2.495049E-03	1.243283E-03
215202	G	-1.861363E-02	4.349718E-02	-2.022782E-02	-1.222934E-03	-2.348506E-03	1.373254E-03
222001	G	-6.586939E-02	7.416368E-01	-5.933242E-01	3.161404E-02	6.590303E-03	5.678143E-03
222002	G	5.642011E-02	7.576925E-01	6.080113E-01	3.239560E-02	-6.552871E-03	5.928557E-03
222201	G	-2.152990E-03	1.871058E-01	-2.735760E-01	2.351749E-02	3.342547E-03	4.295876E-04
222202	G	-3.711814E-04	1.893899E-01	2.792884E-01	2.415254E-02	-2.986511E-03	6.407166E-04
222301	G	6.942514E-03	1.063754E-01	-2.494651E-02	6.878395E-03	1.451416E-03	2.175439E-04
222302	G	-4.896682E-03	1.063399E-01	2.292762E-02	7.179011E-03	-1.051285E-03	3.282388E-04
223401	G	-6.586939E-02	8.242537E-01	-6.892132E-01	3.161404E-02	6.590303E-03	5.678143E-03
223402	G	5.642011E-02	8.439531E-01	7.033556E-01	3.239560E-02	-6.552871E-03	5.928557E-03
520018	G	-3.817866E-02	1.654057E-01	3.614172E-02	-1.251490E-02	-5.868990E-04	1.260621E-03
520024	G	-3.896044E-02	1.654057E-01	2.838271E-02	-1.251377E-02	-5.868990E-04	1.261635E-03
520057	G	-4.326506E-02	1.654102E-01	-1.293222E-02	-1.294086E-02	-5.868990E-04	1.449715E-03
520065	G	-4.441451E-02	1.654112E-01	-2.287760E-02	-1.324285E-02	-5.868990E-04	1.580390E-03
520068	G	-4.501171E-02	1.654117E-01	-2.780611E-02	-1.340030E-02	-5.868990E-04	1.648879E-03
520079	G	-4.689733E-02	1.654219E-01	-4.251985E-02	-1.383631E-02	-5.868990E-04	1.837887E-03
520135	G	-6.004040E-02	1.654940E-01	-1.263596E-01	-1.582156E-02	-5.868990E-04	2.686725E-03
520139	G	-6.114712E-02	1.655008E-01	-1.328592E-01	-1.587992E-02	-5.868990E-04	2.710356E-03
520152	G	-6.472385E-02	1.655221E-01	-1.537276E-01	-1.595517E-02	-5.868990E-04	2.740312E-03
520185	G	-7.376134E-02	1.655221E-01	-2.063476E-01	-1.595517E-02	-5.868990E-04	2.740312E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.371601E 04

REAL EIGENVECTOR NO. 21

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-6.787127E-02	6.616566E-03	5.751369E-01	0.0	0.0	0.0
3339	G	-6.871647E-02	6.858859E-03	5.782378E-01	0.0	0.0	0.0
3341	G	-6.827226E-03	4.930377E-03	5.753397E-01	0.0	0.0	0.0
3349	G	-1.021455E-02	4.835941E-03	5.772015E-01	0.0	0.0	0.0
4631	G	-8.725729E-02	5.178053E-03	4.622135E-01	0.0	0.0	0.0
4633	G	-9.645319E-02	4.814286E-03	4.626253E-01	0.0	0.0	0.0
4637	G	-9.802777E-02	5.127296E-03	4.648389E-01	0.0	0.0	0.0
4639	G	-8.948638E-02	5.588796E-03	4.649700E-01	0.0	0.0	0.0
4641	G	-7.588707E-03	5.800847E-03	4.624437E-01	0.0	0.0	0.0
4649	G	-1.112035E-02	6.461501E-03	4.654529E-01	0.0	0.0	0.0
4661	G	6.355006E-02	7.020168E-03	4.629795E-01	0.0	0.0	0.0
4669	G	5.879803E-02	7.617079E-03	4.653988E-01	0.0	0.0	0.0
6123	G	-1.432766E-01	3.487995E-03	3.203913E-01	0.0	0.0	0.0
6127	G	-1.449216E-01	3.175357E-03	3.224209E-01	0.0	0.0	0.0
6131	G	-9.431756E-02	3.380717E-03	3.213565E-01	0.0	0.0	0.0
6133	G	-9.387255E-02	3.563035E-03	3.202987E-01	0.0	0.0	0.0
6137	G	-9.492779E-02	4.456643E-03	3.222430E-01	0.0	0.0	0.0
6139	G	-9.599316E-02	4.702356E-03	3.248994E-01	0.0	0.0	0.0
6141	G	-2.977508E-02	-7.206709E-04	3.213640E-01	0.0	0.0	0.0
6143	G	-2.850884E-02	-7.537268E-04	3.205563E-01	0.0	0.0	0.0
6147	G	-3.307112E-02	1.319059E-02	3.224488E-01	0.0	0.0	0.0
6149	G	-3.259185E-02	1.317534E-02	3.253697E-01	0.0	0.0	0.0
6161	G	1.655040E-02	-2.393129E-03	3.201531E-01	0.0	0.0	0.0
6163	G	1.674654E-02	-2.438079E-03	3.207135E-01	0.0	0.0	0.0
6167	G	1.112046E-02	1.779820E-02	3.229191E-01	0.0	0.0	0.0
6169	G	1.305742E-02	1.774794E-02	3.242614E-01	0.0	0.0	0.0
6171	G	1.034253E-01	6.154228E-03	3.906846E-01	0.0	0.0	0.0
6179	G	9.834677E-02	7.766679E-03	3.941155E-01	0.0	0.0	0.0
7031	G	-9.296411E-02	3.623418E-03	0.0	0.0	0.0	0.0
7033	G	-9.317046E-02	3.401043E-03	2.424237E-01	0.0	0.0	0.0
7037	G	-9.416080E-02	3.401043E-03	2.483104E-01	0.0	0.0	0.0
7039	G	-9.461945E-02	3.200447E-03	0.0	0.0	0.0	0.0
7043	G	-2.633681E-02	0.0	2.404310E-01	0.0	0.0	0.0
7047	G	-3.159244E-02	0.0	2.465473E-01	0.0	0.0	0.0
7061	G	1.790899E-02	-8.834366E-03	1.879401E-01	0.0	0.0	0.0
7063	G	2.269177E-02	-8.834384E-03	2.396935E-01	0.0	0.0	0.0
7067	G	1.719076E-02	2.861426E-02	2.457432E-01	0.0	0.0	0.0
7069	G	1.391387E-02	2.852626E-02	1.945207E-01	0.0	0.0	0.0
7071	G	6.932509E-02	0.0	1.787999E-01	0.0	0.0	0.0
7079	G	6.502873E-02	0.0	1.874255E-01	0.0	0.0	0.0
7505	G	-2.383031E-01	-1.472171E-03	2.301009E-01	-3.093327E-04	9.642497E-03	-4.951637E-05
8300	G	1.479282E-01	1.123514E-02	1.277818E-01	0.0	0.0	0.0
8531	G	-8.824450E-02	2.903877E-03	0.0	0.0	0.0	0.0
8533	G	-9.317046E-02	2.684541E-03	1.028967E-01	0.0	0.0	0.0
8537	G	-9.416080E-02	2.684541E-03	1.090834E-01	0.0	0.0	0.0
8539	G	-9.341199E-02	2.436612E-03	0.0	0.0	0.0	0.0
8543	G	-2.400000E-02	0.0	1.038226E-01	0.0	0.0	0.0
8547	G	-2.911213E-02	0.0	1.097283E-01	0.0	0.0	0.0
8561	G	1.593539E-02	-2.498687E-03	6.794298E-02	0.0	0.0	0.0
8563	G	2.649146E-02	-2.565875E-03	1.040516E-01	0.0	0.0	0.0
8567	G	2.164294E-02	2.220323E-02	1.100069E-01	0.0	0.0	0.0
8569	G	1.071521E-02	2.220330E-02	7.715666E-02	0.0	0.0	0.0
8571	G	9.333928E-02	0.0	5.926564E-02	0.0	0.0	0.0
8579	G	4.801304E-02	0.0	7.074565E-02	0.0	0.0	0.0
9303	G	-4.268114E-03	-6.135989E-03	2.463665E-02	0.0	0.0	0.0
9307	G	-3.664706E-03	-6.046101E-03	3.112258E-02	0.0	0.0	0.0

9313	G	1.190877E-02	-4.632749E-03	2.465414E-02	0.0	0.0	0.0
9317	G	1.060102E-02	-4.185192E-03	3.114218E-02	0.0	0.0	0.0
9331	G	-8.543005E-02	1.053035E-03	2.117057E-02	0.0	0.0	0.0
9333	G	-8.853608E-02	1.403209E-03	2.728693E-02	0.0	0.0	0.0
9337	G	-8.987778E-02	2.658418E-03	3.402779E-02	0.0	0.0	0.0
9339	G	-8.595985E-02	3.157600E-03	3.279919E-02	0.0	0.0	0.0
9341	G	0.0	6.892022E-03	-1.711627E-03	0.0	0.0	0.0
9343	G	-2.304059E-02	6.844413E-03	1.026164E-02	0.0	0.0	0.0
9347	G	-2.653749E-02	7.488541E-03	1.759174E-02	0.0	0.0	0.0
9349	G	0.0	7.788130E-03	7.979266E-03	0.0	0.0	0.0
9361	G	8.740325E-03	1.010891E-02	-5.214822E-03	0.0	0.0	0.0
9363	G	2.101446E-02	9.924278E-03	-1.684518E-03	0.0	0.0	0.0
9367	G	1.698178E-02	8.589558E-03	5.723611E-03	0.0	0.0	0.0
9369	G	2.895095E-03	8.372288E-03	6.149903E-03	0.0	0.0	0.0
9371	G	4.262337E-02	1.363137E-02	-1.458333E-02	0.0	0.0	0.0
9373	G	0.0	1.274135E-02	3.469222E-03	0.0	0.0	0.0
9377	G	0.0	8.821424E-03	9.509459E-03	0.0	0.0	0.0
9379	G	3.603220E-02	7.849716E-03	-3.124165E-03	0.0	0.0	0.0
11300	G	6.842327E-02	3.033336E-03	-1.001634E-01	0.0	0.0	0.0
11503	G	1.652775E-02	-4.475910E-03	0.0	0.0	0.0	0.0
11507	G	1.672721E-02	-4.475910E-03	0.0	0.0	0.0	0.0
11531	G	-6.228012E-02	-2.406057E-03	0.0	0.0	0.0	0.0
11533	G	-6.414855E-02	-1.891017E-03	-1.179830E-01	0.0	0.0	0.0
11537	G	-6.599993E-02	1.887657E-03	-1.108924E-01	0.0	0.0	0.0
11539	G	-6.534058E-02	2.382857E-03	0.0	0.0	0.0	0.0
11543	G	-2.282258E-02	3.089869E-03	-1.179007E-01	0.0	0.0	0.0
11547	G	-2.471046E-02	3.089869E-03	-1.107434E-01	0.0	0.0	0.0
11561	G	2.566696E-03	2.219278E-02	-1.216796E-01	0.0	0.0	0.0
11563	G	9.076513E-03	2.227781E-02	-1.176650E-01	0.0	0.0	0.0
11567	G	6.900240E-03	-1.038881E-02	-1.104585E-01	0.0	0.0	0.0
11569	G	-3.122279E-03	-1.031315E-02	-1.097926E-01	0.0	0.0	0.0
11571	G	1.734917E-02	0.0	-1.207028E-01	0.0	0.0	0.0
11579	G	1.329587E-02	0.0	-1.075753E-01	0.0	0.0	0.0
11700	G	6.312662E-02	-1.034209E-02	-1.160167E-01	0.0	0.0	0.0
13500	G	-5.497276E-02	-1.318816E-03	-2.090380E-01	0.0	0.0	0.0
13801	G	1.768807E-02	-3.174683E-03	-1.990374E-01	0.0	0.0	0.0
13803	G	2.156499E-02	-2.988582E-03	-2.003270E-01	0.0	0.0	0.0
13807	G	2.269211E-02	-3.285605E-03	-2.001272E-01	0.0	0.0	0.0
13809	G	1.956025E-02	-2.842697E-03	-1.983610E-01	0.0	0.0	0.0
13821	G	3.331085E-03	-3.722594E-03	-1.983207E-01	0.0	0.0	0.0
13823	G	7.224937E-04	-3.213274E-03	-1.994767E-01	0.0	0.0	0.0
13827	G	1.169680E-03	-2.081380E-03	-1.986358E-01	0.0	0.0	0.0
13829	G	5.153768E-03	-1.518161E-03	-1.976859E-01	0.0	0.0	0.0
13831	G	-4.476066E-02	-3.531214E-03	-1.961133E-01	0.0	0.0	0.0
13833	G	-3.251462E-02	-3.011997E-03	-1.954134E-01	0.0	0.0	0.0
13837	G	-3.446644E-02	-1.291226E-03	-1.940335E-01	0.0	0.0	0.0
13839	G	-4.737732E-02	-9.594297E-04	-1.965986E-01	0.0	0.0	0.0
13841	G	0.0	9.274688E-04	-1.925720E-01	0.0	0.0	0.0
13843	G	-2.355340E-02	3.551564E-05	-1.921136E-01	0.0	0.0	0.0
13847	G	-2.429049E-02	-1.334365E-05	-1.909782E-01	0.0	0.0	0.0
13848	G	-2.383851E-02	-5.274586E-03	-1.853306E-01	0.0	0.0	0.0
13849	G	0.0	-4.652031E-03	-1.657248E-01	0.0	0.0	0.0
13861	G	-2.700944E-03	6.376691E-03	-1.901923E-01	0.0	0.0	0.0
13863	G	-9.297602E-03	6.475002E-03	-1.906961E-01	0.0	0.0	0.0
13867	G	-5.559437E-03	-1.022834E-02	-1.765652E-01	0.0	0.0	0.0
13869	G	-5.027432E-03	-1.007522E-02	-1.770431E-01	0.0	0.0	0.0
13871	G	4.059155E-03	0.0	-1.891091E-01	0.0	0.0	0.0
13879	G	-4.385042E-02	0.0	-1.628209E-01	0.0	0.0	0.0
14801	G	1.768807E-02	-1.803271E-03	-1.828136E-01	0.0	0.0	0.0
14803	G	2.126730E-02	-1.954655E-03	-1.823949E-01	0.0	0.0	0.0
14807	G	2.236032E-02	-3.446997E-03	-1.815120E-01	0.0	0.0	0.0
14809	G	1.956025E-02	-3.509138E-03	-1.816163E-01	0.0	0.0	0.0
14821	G	2.949136E-03	-9.967610E-04	-1.831206E-01	0.0	0.0	0.0
14823	G	1.865801E-03	-1.165603E-03	-1.823949E-01	0.0	0.0	0.0
14827	G	2.552621E-03	-3.637245E-03	-1.815120E-01	0.0	0.0	0.0
14829	G	4.879002E-03	-3.818108E-03	-1.818036E-01	0.0	0.0	0.0

14831	G	-4.180776E-02	2.330358E-03	-1.834303E-01	0.0	0.0	0.0
14833	G	-2.366022E-02	1.262861E-03	-1.832932E-01	0.0	0.0	0.0
14837	G	-2.489853E-02	-5.657952E-03	-1.824159E-01	0.0	0.0	0.0
14839	G	-4.410345E-02	-6.458659E-03	-1.819502E-01	0.0	0.0	0.0
14841	G	0.0	4.333013E-04	-1.834192E-01	0.0	0.0	0.0
14843	G	-2.399569E-02	9.289201E-06	-1.851.98E-01	0.0	0.0	0.0
14847	G	-2.519137E-02	-3.031103E-03	-1.846033E-01	0.0	0.0	0.0
14849	G	0.0	-3.642196E-03	-1.819389E-01	0.0	0.0	0.0
14851	G	-6.406561E-03	-8.229408E-04	-1.831815E-01	0.0	0.0	0.0
14863	G	-1.338877E-02	-1.122137E-03	-1.858769E-01	0.0	0.0	0.0
14867	G	-1.568108E-02	-1.942630E-03	-1.852577E-01	0.0	0.0	0.0
14869	G	-9.683233E-03	-2.217876E-03	-1.815440E-01	0.0	0.0	0.0
14881	G	-2.479581E-02	-6.381965E-04	-1.744300E-01	0.0	0.0	0.0
14883	G	-5.131777E-02	-8.526770E-04	-1.736380E-01	0.0	0.0	0.0
14887	G	-5.089621E-02	-1.739572E-03	-1.736076E-01	0.0	0.0	0.0
14889	G	-2.667432E-02	-2.072923E-03	-1.734732E-01	0.0	0.0	0.0
15212	G	1.423406E-02	-1.876353E-03	-1.741592E-01	-8.796564E-05	-2.162932E-03	-5.455768E-05
15218	G	1.572025E-02	-2.687916E-03	-1.728638E-01	2.120936E-05	-2.208216E-03	2.101063E-04
15601	G	1.909455E-02	-2.693631E-03	-1.647702E-01	0.0	0.0	0.0
15603	G	2.126730E-02	-2.316206E-03	-1.652961E-01	0.0	0.0	0.0
15607	G	2.236032E-02	-1.785056E-03	-1.640430E-01	0.0	0.0	0.0
15609	G	2.160658E-02	-1.945347E-03	-1.628497E-01	0.0	0.0	0.0
15621	G	2.770991E-03	-1.796050E-03	-1.647179E-01	0.0	0.0	0.0
15623	G	1.956913E-03	-1.597142E-03	-1.654330E-01	0.0	0.0	0.0
15625	G	3.516556E-03	-1.784112E-03	-1.651584E-01	0.0	0.0	0.0
15627	G	2.903498E-03	-1.975304E-03	-1.640804E-01	0.0	0.0	0.0
15629	G	4.814833E-03	-1.722068E-03	-1.626768E-01	0.0	0.0	0.0
15633	G	-1.561791E-02	0.0	-1.674559E-01	0.0	0.0	0.0
15637	G	-1.467382E-02	0.0	-1.657387E-01	0.0	0.0	0.0
16481	G	-3.551118E-02	-2.098365E-03	-1.554288E-01	0.0	0.0	0.0
16483	G	-4.843501E-02	-1.841118E-03	0.0	0.0	0.0	0.0
16485	G	-5.288861E-02	-4.263386E-04	0.0	0.0	0.0	0.0
16487	G	-4.881779E-02	1.295711E-03	0.0	0.0	0.0	0.0
16489	G	-3.809237E-02	1.747121E-03	-1.555942E-01	0.0	0.0	0.0
17100	G	-3.270022E-02	-8.695403E-04	-1.567030E-01	0.0	0.0	0.0
18601	G	2.244300E-02	4.766404E-04	-9.435576E-02	0.0	0.0	0.0
18603	G	2.498587E-02	3.746813E-04	-9.444773E-02	0.0	0.0	0.0
18607	G	2.524121E-02	-5.831521E-05	-9.428513E-02	0.0	0.0	0.0
18609	G	2.381170E-02	6.622316E-05	-9.346813E-02	0.0	0.0	0.0
18621	G	1.010266E-02	2.834259E-03	-9.494972E-02	0.0	0.0	0.0
18623	G	1.012816E-02	2.203585E-03	-9.454936E-02	0.0	0.0	0.0
18625	G	8.613478E-03	7.040163E-04	-9.532446E-02	0.0	0.0	0.0
18627	G	1.128410E-02	-7.565785E-04	-9.450483E-02	0.0	0.0	0.0
18629	G	1.395458E-02	-1.343716E-03	-9.382375E-02	0.0	0.0	0.0
18631	G	1.828867E-03	1.059544E-02	-9.333628E-02	0.0	0.0	0.0
18633	G	0.0	8.095786E-03	-9.624612E-02	0.0	0.0	0.0
18635	G	0.0	1.444328E-04	-9.980571E-02	0.0	0.0	0.0
18637	G	0.0	-7.818814E-03	-9.693664E-02	0.0	0.0	0.0
18639	G	4.165535E-03	-1.067523E-02	-9.452915E-02	0.0	0.0	0.0
18641	G	1.778355E-02	2.868076E-02	-8.973316E-02	3.917731E-03	-2.288341E-03	-2.159261E-02
18642	G	-2.315998E-02	2.635255E-02	-9.516215E-02	1.923387E-03	1.871131E-03	-1.932263E-02
18643	G	-8.826250E-02	2.305668E-02	-1.015987E-01	0.0	6.019142E-03	-1.616473E-02
18644	G	-1.752904E-01	9.936403E-03	-1.087745E-01	0.0	0.0	-8.292887E-03
18645	G	-1.984859E-01	-9.881549E-04	-1.108920E-01	0.0	0.0	2.609573E-04
18646	G	-1.724964E-01	-1.191713E-02	-1.095877E-01	0.0	0.0	3.696727E-03
18647	G	-8.402872E-02	-2.594798E-02	-1.034785E-01	0.0	5.111165E-03	1.814727E-02
18648	G	-1.909754E-02	-2.832776E-02	-9.777558E-02	-1.695886E-03	9.315405E-04	1.924146E-02
18649	G	2.156363E-02	-3.064655E-02	-9.286734E-02	-3.669393E-03	-3.259631E-03	2.139338E-02
18651	G	1.194553E-02	2.253557E-02	-8.950131E-02	4.268482E-03	-3.258821E-03	-1.993368E-02
18652	G	-2.044099E-02	2.342459E-02	-9.544492E-02	2.373634E-03	-3.379509E-05	-1.858685E-02
18653	G	-2.411716E-02	-2.430044E-02	-9.844208E-02	-2.195634E-03	-6.619338E-04	1.834952E-02
18654	G	1.369378E-02	-2.596576E-02	-9.249985E-02	-3.993466E-03	-4.100520E-03	1.963543E-02
18656	G	-8.559037E-03	-9.507576E-03	-9.990542E-02	4.041217E-03	-4.661918E-03	-5.515970E-03
18657	G	-2.335771E-02	-9.871028E-03	-9.530038E-02	2.106898E-03	6.885314E-04	-5.856592E-03
18658	G	-2.083610E-02	2.249959E-03	-9.790552E-02	-1.927367E-03	3.914077E-05	5.537160E-03
18659	G	-9.957490E-03	2.899054E-03	-9.275067E-02	-3.892170E-03	-5.241577E-03	5.207684E-03

18661	G	-1.680030E-02	-1.449159E-02	-9.096326E-02	4.378472E-03	-4.085567E-03	-2.557229E-03
18662	G	-2.366142E-02	-1.338434E-02	-9.531689E-02	1.532642E-03	-2.608970E-03	-4.118416E-03
18663	G	-3.840756E-02	-1.127838E-02	-1.012355E-01	4.700030E-05	-1.535888E-03	-4.234996E-03
18664	G	-5.946283E-02	-6.140526E-03	-1.096814E-01	0.0	0.0	-2.171610E-03
18665	G	-6.573361E-02	-1.976294E-03	-1.129341E-01	0.0	0.0	-3.609523E-06
18666	G	-5.965684E-02	2.167443E-03	-1.105461E-01	0.0	0.0	2.093525E-03
18667	G	-3.967575E-02	7.234938E-03	-1.032974E-01	4.594952E-05	-1.517103E-03	3.963452E-03
18668	G	-2.590856E-02	9.018786E-03	-9.789e99E-02	-1.389698E-03	-2.982550E-03	3.834212E-03
18669	G	-1.958834E-02	1.040350E-02	-9.383172E-02	-4.194364E-03	-4.452046E-03	2.304220E-03
18681	G	-4.586650E-02	-1.289934E-02	-9.429133E-02	0.0	0.0	0.0
18683	G	-5.810326E-02	-1.184097E-02	-9.978175E-02	4.700030E-05	-1.662985E-03	-3.757775E-05
18685	G	-5.544926E-02	-2.564350E-03	-1.087753E-01	0.0	0.0	0.0
18687	G	-5.903331E-02	6.684922E-03	-1.019027E-01	4.594952E-05	-1.636066E-03	-3.757773E-05
18689	G	-6.847647E-02	7.695340E-03	-9.723556E-02	0.0	0.0	0.0
18983	G	-6.122731E-02	-1.134118E-02	-9.541130E-02	0.0	-1.101956E-03	2.672032E-04
18987	G	-6.209851E-02	6.273691E-03	-9.727168E-02	0.0	-1.225116E-03	-1.667154E-04
19741	G	2.318214E-02	2.827008E-02	-6.557675E-02	7.381111E-03	-4.447550E-03	-1.029235E-02
19742	G	-6.935102E-02	1.959801E-02	-9.907788E-02	2.822485E-03	5.679186E-03	-8.636139E-03
19743	G	-6.603187E-02	1.547348E-02	-1.071945E-01	0.0	7.801007E-03	-6.751720E-03
19745	G	-9.287298E-02	-1.495298E-04	-1.226201E-01	0.0	0.0	-2.709712E-05
19747	G	-6.647313E-02	-1.574343E-02	-1.074287E-01	0.0	7.689167E-03	6.692961E-03
19748	G	-4.992260E-02	-1.985256E-02	-9.934872E-02	-2.817566E-03	5.535223E-03	6.574747E-03
19749	G	2.204101E-02	-2.848102E-02	-6.621742E-02	-7.282712E-03	-4.635163E-03	1.023182E-02
19751	G	-3.882021E-03	-2.156938E-02	-6.649488E-02	9.688657E-03	-3.180987E-03	6.449218E-04
19752	G	-5.966090E-03	-1.126548E-02	-9.809417E-02	1.495356E-03	5.410392E-03	-7.304146E-04
19758	G	-7.518899E-03	1.058057E-02	-9.837472E-02	-1.510187E-03	5.299497E-03	6.077364E-04
19759	G	-6.284643E-03	2.082361E-02	-6.704074E-02	-9.528007E-03	-3.358922E-03	-7.332272E-04
19761	G	-1.098783E-02	-2.315638E-02	-6.680894E-02	2.663478E-03	-2.711086E-03	2.386823E-03
19762	G	7.030256E-03	-1.683873E-02	-9.759313E-02	4.370999E-03	5.242955E-03	2.293736E-03
19763	G	1.140280E-02	-1.354439E-02	-1.060964E-01	0.0	7.305417E-03	1.747723E-03
19765	G	1.790135E-02	-3.598410E-04	-1.251119E-01	0.0	0.0	-1.001976E-04
19767	G	9.918362E-03	1.274911E-02	-1.063210E-01	0.0	7.203180E-03	-1.939222E-03
19768	G	5.220477E-03	1.e0e2e3E-02	-9.787709E-02	-4.334450E-03	5.141541E-03	-2.431166E-03
19769	G	-1.382414E-02	2.23e258E-02	-6.735206E-02	-2.643805E-03	-2.885362E-03	-2.519550E-03
21183	G	-6.992823E-02	2.368493E-03	-3.260233E-02	0.0	-4.595723E-03	7.812388E-04
21187	G	-7.063049E-02	-4.735177E-04	-3.314790E-02	0.0	-4.485935E-03	-3.794767E-04
21321	G	1.808889E-02	-2.710477E-04	-3.098733E-02	0.0	0.0	0.0
21323	G	1.479684E-02	-8.867262E-05	-2.889795E-02	0.0	0.0	0.0
21325	G	1.329019E-02	3.977967E-04	-2.776505E-02	0.0	0.0	0.0
21327	G	1.211803E-02	9.064006E-04	-2.813982E-02	0.0	0.0	0.0
21329	G	1.115227E-02	1.053650E-03	-2.837545E-02	0.0	0.0	0.0
21341	G	1.618243E-02	-6.614286E-03	-2.517322E-02	2.036073E-03	-2.233287E-03	-1.124124E-02
21343	G	-4.388704E-02	-4.622262E-03	-2.454712E-02	0.0	-2.204137E-03	-1.024105E-02
21345	G	-1.096234E-01	2.171632E-03	-2.273155E-02	0.0	-1.679358E-03	-5.334557E-04
21347	G	-5.233286E-02	9.066440E-03	-2.506808E-02	0.0	-1.154579E-03	1.026342E-02
21349	G	8.651465E-03	1.112035E-02	-2.654545E-02	-1.910167E-03	-1.125429E-03	1.156516E-02
21361	G	-4.036039E-03	-6.443837E-04	-2.546796E-02	0.0	0.0	0.0
21363	G	-2.985888E-03	-1.643849E-04	-2.279931E-02	-4.767567E-05	-5.355038E-03	0.0
21364	G	2.382473E-04	6.808685E-04	-2.168517E-02	0.0	0.0	0.0
21366	G	-1.192119E-03	2.369670E-03	-2.210565E-02	0.0	0.0	0.0
21367	G	-5.279899E-03	3.196313E-03	-2.365222E-02	8.328563E-05	-5.229186E-03	0.0
21369	G	-7.972304E-03	3.682169E-03	-2.689308E-02	0.0	0.0	0.0
21383	G	-6.990451E-02	3.813015E-03	-2.178369E-02	-8.539080E-04	-5.260956E-03	7.700084E-04
21387	G	-7.060617E-02	-1.308309E-03	-2.260766E-02	9.085168E-04	-5.132612E-03	-3.695185E-04
21485	G	0.0	1.338948E-03	-5.432993E-03	3.790423E-05	0.0	0.0
21801	G	1.[illegible]383E-02	-1.165276E-03	-3.063780E-02	0.0	0.0	0.0
21803	G	2.[illegible]579E-02	-1.349306E-03	-3.063844E-02	0.0	0.0	0.0
21807	G	1.859[illegible]E-02	-1.266422E-03	-2.963363E-02	0.0	0.0	0.0
21809	G	1.579114E-02	-1.199397E-03	-2.857567E-02	0.0	0.0	0.0
21821	G	1.752276E-02	-1.804105E-03	-2.896912E-02	0.0	0.0	0.0
21823	G	1.532974E-02	-1.226015E-03	-3.078635E-02	0.0	0.0	0.0
21825	G	1.349500E-02	-6.915906E-04	-3.035557E-02	0.0	0.0	0.0
21827	G	1.233438E-02	-1.968078E-04	-2.934604E-02	0.0	0.0	0.0
21829	G	1.123682E-02	2.439286E-04	-2.716685E-02	0.0	0.0	0.0
22312	G	1.859581E-02	-1.694470E-03	-2.863229E-02	0.0	0.0	0.0
22318	G	1.440798E-02	-2.024295E-03	-2.657699E-02	0.0	0.0	0.0

22701	G	1.911863E-02	-3.155204E-03	-2.693852E-02	0.0	0.0	0.0
22703	G	1.917023E-02	-3.233391E-03	-2.605068E-02	0.0	0.0	0.0
22707	G	1.745227E-02	-2.826323E-03	-2.472286E-02	0.0	0.0	0.0
22709	G	1.498930E-02	-2.460226E-03	-2.483900E-02	0.0	0.0	0.0
22721	G	1.691072E-02	-2.028831E-03	-2.762263E-02	0.0	0.0	0.0
22723	G	1.548517E-02	-2.259958E-03	-2.638064E-02	0.0	0.0	0.0
22725	G	1.344309E-02	-2.370399E-03	-2.542862E-02	0.0	0.0	0.0
22727	G	1.238681E-02	-2.538984E-03	-2.463120E-02	0.0	0.0	0.0
22729	G	1.137354E-02	-2.809212E-03	-2.529451E-02	0.0	0.0	0.0
23100	G	1.364231E-02	-2.866986E-03	-3.030499E-02	0.0	0.0	0.0
25001	G	1.612075E-02	-5.519241E-03	-2.552332E-02	0.0	0.0	0.0
25003	G	1.634606E-02	-5.624037E-03	-2.549028E-02	0.0	0.0	0.0
25007	G	1.469697E-02	-5.766287E-03	-2.526993E-02	0.0	0.0	0.0
25009	G	1.306533E-02	-5.848199E-03	-2.509074E-02	0.0	0.0	0.0
25021	G	1.497815E-02	-4.921217E-03	-2.566481E-02	0.0	0.0	0.0
25025	G	1.242988E-02	-5.549885E-03	-2.551308E-02	0.0	0.0	0.0
25029	G	1.095128E-02	-6.186005E-03	-2.523011E-02	0.0	0.0	0.0
25041	G	8.606341E-03	-4.983991E-03	-2.508307E-02	0.0	0.0	0.0
25045	G	0.0	-5.050726E-03	-2.590156E-02	0.0	0.0	0.0
25049	G	4.673608E-03	-5.149364E-03	-2.479723E-02	0.0	0.0	0.0
25061	G	6.251961E-03	-4.667405E-03	-2.487965E-02	0.0	0.0	0.0
25065	G	3.480949E-03	-4.747875E-03	-2.641441E-02	0.0	0.0	0.0
25069	G	1.690910E-03	-4.853614E-03	-2.471168E-02	0.0	0.0	0.0
26801	G	1.472498E-02	-7.729188E-03	-2.162864E-02	0.0	0.0	0.0
26809	G	1.341483E-02	-7.823456E-03	-2.140385E-02	0.0	0.0	0.0
26821	G	1.239550E-02	-7.614963E-03	-2.153736E-02	0.0	0.0	0.0
26825	G	1.116719E-02	-7.658679E-03	-2.150351E-02	0.0	0.0	0.0
26829	G	9.785883E-03	-7.657491E-03	-2.101944E-02	0.0	0.0	0.0
26841	G	9.046894E-03	-7.579161E-03	-2.168174E-02	0.0	0.0	0.0
26845	G	0.0	-7.635709E-03	-2.153704E-02	0.0	0.0	0.0
26849	G	5.832974E-03	-7.690199E-03	-2.112834E-02	0.0	0.0	0.0
26861	G	7.327653E-03	-7.561073E-03	-2.179577E-02	0.0	0.0	0.0
26865	G	4.761614E-03	-7.572722E-03	-2.162912E-02	0.0	0.0	0.0
26869	G	3.832140E-03	-7.571630E-03	-2.114261E-02	0.0	0.0	0.0
29905	G	1.012503E-02	-9.206533E-03	-2.112895E-02	0.0	0.0	0.0
29921	G	8.378409E-03	-9.463865E-03	-2.025478E-02	0.0	0.0	0.0
29925	G	9.683140E-03	-9.476360E-03	-2.112255E-02	0.0	0.0	0.0
29929	G	7.719576E-03	-9.463865E-03	-2.203529E-02	0.0	0.0	0.0
29941	G	9.218995E-03	-1.044127E-02	-1.996519E-02	0.0	0.0	0.0
29945	G	0.0	-1.042913E-02	-2.162287E-02	0.0	0.0	0.0
29949	G	6.968029E-03	-1.041753E-02	-2.213611E-02	0.0	0.0	0.0
29961	G	8.390162E-03	-1.142154E-02	-2.022705E-02	0.0	0.0	0.0
29965	G	6.393332E-03	-1.138047E-02	-2.126496E-02	0.0	0.0	0.0
29969	G	7.710878E-03	-1.142154E-02	-2.206283E-02	0.0	0.0	0.0
30045	G	8.049771E-03	-1.345898E-02	-2.114493E-02	7.468590E-05	5.695325E-08	-2.763564E-05
31745	G	8.040339E-03	-1.031532E-02	-2.233767E-02	9.877530E-05	1.245133E-04	5.285678E-05
33845	G	8.186381E-03	-8.393619E-03	-2.604890E-02	1.397998E-04	2.227466E-04	1.438475E-04
35945	G	8.433096E-03	-4.452012E-03	-3.157721E-02	1.929864E-04	2.956770E-04	2.502506E-04
38045	G	8.147451E-03	1.594912E-03	-3.819555E-02	2.650300E-04	3.273410E-04	3.520243E-04
40141	G	-5.703919E-03	9.501699E-03	-4.600198E-02	-4.149680E-04	2.911629E-04	4.924524E-04
40142	G	-6.542767E-04	9.501699E-03	-4.235936E-02	-2.228439E-04	2.911629E-04	4.745303E-04
40143	G	4.507519E-03	9.501699E-03	-4.145437E-02	9.862264E-05	2.911629E-04	4.445422E-04
40145	G	9.058941E-03	9.503093E-03	-4.481129E-02	3.598786E-04	2.912506E-04	4.375076E-04
40147	G	1.379720E-02	9.501673E-03	-4.909282E-02	7.383351E-04	2.911449E-04	5.735729E-04
40148	G	2.144761E-02	9.501673E-03	-6.052596E-02	1.245870E-03	2.911449E-04	7.707716E-04
40149	G	3.026378E-02	9.501673E-03	-7.555711E-02	1.549198E-03	2.911449E-04	8.886270E-04
42245	G	9.217761E-03	1.886063E-02	-4.969225E-02	4.743997E-04	1.662100E-04	5.043221E-04
44345	G	9.141188E-03	2.927907E-02	-5.087998E-02	6.361937E-04	-6.184723E-05	5.543833E-04
45245	G	9.003241E-03	3.400579E-02	-4.971753E-02	7.324151E-04	-1.963250E-04	5.680504E-04
46445	G	8.710161E-03	4.020791E-02	-4.632162E-02	8.702681E-04	-3.797081E-04	5.764856E-04
48045	G	2.132394E-03	3.318540E-02	-3.967689E-02	1.526492E-03	-4.507173E-04	8.765438E-04
48845	G	-2.066721E-03	2.717466E-02	-3.543121E-02	1.984040E-03	-5.333894E-04	1.141436E-03
49745	G	-7.018365E-03	1.954566E-02	-3.039121E-02	2.505052E-03	-6.115693E-04	1.485059E-03
50645	G	-1.254743E-02	1.073303E-02	-2.475402E-02	3.094440E-03	-6.700857E-04	1.946294E-03
51545	G	-1.855423E-02	1.166414E-03	-1.862657E-02	3.746152E-03	-7.200653E-04	2.526837E-03
52045	G	-2.503410E-02	-1.885875E-02	-1.479289E-02	4.177388E-03	-7.417109E-04	3.174589E-03

61912		-1.4[illegible]E-02	-2.177522E-02	-8.331871E-02	5.237866E-03	-5.119912E-03	-1.742800E-03
61913		-7.5[illegible]E-03	-1.903439E-02	-8.331871E-02	5.237866E-03	-5.119912E-03	-7.194944E-03
61914		-1.4[illegible]E-03	-8.[illegible]15E-03	-8.331871E-02	5.237866E-03	-5.119912E-03	-5.251635E-03
61916		3.934593E-02	2.461163E-02	-8.333623E-02	4.392982E-03	-5.762316E-03	-2.067512E-02
61917		4.31[illegible]E-02	3.254901E-02	-8.333623E-02	4.392982E-03	-5.762316E-03	-3.274658E-03
61918		4.75[illegible]E-02	3.777226E-02	-8.333623E-02	4.392982E-03	-5.762316E-03	-2.256406E-02
61922		-5.3[illegible]E-03	-4.355258E-02	-4.886886E-02	1.436231E-02	-3.544287E-03	-7.545367E-03
61923		-5.26[illegible]E-03	-3.391376E-02	-4.886886E-02	1.436231E-02	-3.544287E-03	1.100937E-03
61924		-2.39[illegible]E-03	-1.928028E-02	-4.886886E-02	1.436231E-02	-3.544287E-03	-1.862895E-02
61926		3.[illegible]E-02	2.676697E-02	-4.874217E-02	1.569239E-02	-5.811471E-03	-8.356884E-03
61927		3.84[illegible]E-02	3.743770E-02	-4.874217E-02	1.569239E-02	-5.811471E-03	-1.104973E-02
61928		4.[illegible]E-02	5.344395E-02	-4.874217E-02	1.569239E-02	-5.811471E-03	-7.801633E-03
61934		3.237153E-02	-2.285456E-02	-4.424065E-03	2.066687E-02	-2.236506E-03	-8.221079E-03
61935		3.[illegible]E-02	-9.527763E-03	-4.424065E-03	2.066687E-02	-2.236507E-03	-1.146116E-02
61936		5.596845E-02	4.339037E-03	-4.424065E-03	2.066687E-02	-2.236506E-03	-1.202171E-02
62211		1.5[illegible]E-03	-6.345034E-02	-4.877945E-02	0.0	0.0	0.0
62213		1.205918E-02	-2.682886E-02	-4.878673E-02	1.299856E-02	-7.498980E-03	-6.767593E-03
62217		5.563272E-02	3.852545E-02	-4.697678E-02	1.440083E-02	-6.723657E-03	-4.071053E-03
62219		6.[illegible]E-02	7.583177E-02	-4.723431E-02	0.0	0.0	0.0
62221		1.583130E-02	-8.643648E-02	1.255788E-02	2.847310E-02	5.455952E-03	-6.516807E-03
62224		[illegible]3[illegible]08E-02	-3.715917E-02	1.283963E-02	1.844762E-02	-1.561577E-02	-1.118863E-02
62226		6.093447E-02	2.997041E-02	1.371594E-02	2.026656E-02	-2.479683E-03	-7.853836E-03
62229		7.225662E-02	6.384957E-02	1.368674E-02	2.268869E-02	-1.093044E-02	-7.315479E-03
62231		5.814610E-02	-5.244624E-02	8.841926E-02	3.163173E-02	1.587301E-03	-7.256214E-03
62239		7.099199E-02	2.245056E-03	8.797717E-02	3.470256E-02	-3.847305E-03	-1.098017E-02
62911		3.211190E-02	-7.372532E-02	5.492656E-02	0.0	0.0	0.0
62919		9.313953E-02	5.649007E-02	5.682250E-02	0.0	0.0	0.0
62921		4.752532E-02	-9.859735E-02	1.276278E-01	0.0	0.0	0.0
62929		[illegible].364679E-01	5.259181E-02	1.271446E-01	0.0	0.0	0.0
62931		9.388638E-02	-5.614286E-02	2.227896E-01	0.0	0.0	0.0
62939		1.070815E-01	-1.715837E-02	2.229446E-01	0.0	0.0	0.0
63411		5.876300E-02	-8.661735E-02	1.603161E-01	0.0	0.0	0.0
63419		1.275739E-01	5.231506E-02	1.604102E-01	0.0	0.0	0.0
63421		7.694727E-02	-1.120211E-01	2.419733E-01	0.0	0.0	0.0
63429		1.426365E-01	4.124205E-02	2.423357E-01	0.0	0.0	0.0
63431		1.283414E-01	-8.123904E-02	3.523033E-01	0.0	0.0	0.0
63439		1.442197E-01	-3.452643E-02	3.524886E-01	0.0	0.0	0.0
64211		1.067342E-01	-1.083299E-01	3.344427E-01	0.0	0.0	0.0
64219		1.811350E-01	3.709192E-02	3.341784E-01	0.0	0.0	0.0
[illegible]		[illegible].285875E-01	-1.328976E-01	4.282508E-01	0.0	0.0	0.0
64229		2.032760E-01	2.132018E-02	4.284152E-01	2.076776E-02	-9.888265E-03	-1.6[illegible]E-03
64231		[illegible].336725E-01	-1.057984E-01	5.500635E-01	0.0	0.0	0.0
64239		2.024606E-01	-5.740949E-02	5.502363E-01	0.0	0.0	0.0
65011		1.640186E-01	-1.288688E-01	5.313386E-01	0.0	0.0	0.0
65019		2.397584E-01	1.207650E-02	5.311038E-01	0.0	0.0	0.0
65021		1.892601E-01	-1.549140E-01	6.376649E-01	0.0	0.0	0.0
65029		2.648814E-01	-1.071113E-03	6.374259E-01	0.0	0.0	0.0
65031		2.452872E-01	-1.315567E-01	7.659057E-01	0.0	0.0	0.0
65039		2.668838E-01	-8.052409E-02	7.660089E-01	0.0	0.0	0.0
65911		2.285837E-01	-1.466698E-01	7.482546E-01	0.0	0.0	0.0
65919		3.021002E-01	-2.372883E-02	7.500672E-01	0.0	0.0	0.0
65921		2.601391E-01	-1.717325E-01	8.728572E-01	0.0	0.0	0.0
65929		3.340864E-01	-3.368011E-02	8.754498E-01	2.510069E-02	-1.434627E-02	-1.138626E-03
65931		3.136141E-01	-1.562889E-01	9.998980E-01	0.0	0.0	0.0
65939		3.367479E-01	-1.052637E-01	1.000000E 00	0.0	0.0	0.0
71912		-1.721372E-02	1.759815E-02	-8.646017E-02	-5.063053E-03	-5.642679E-03	1.506048E-03
71913		-9.951591E-03	1.108200E-02	-8.646017E-02	-5.063053E-03	-5.642679E-03	7.547699E-03
71914		-3.219883E-03	5.041778E-03	-8.646017E-02	-5.063053E-03	-5.642679E-03	4.950032E-03
71916		4.056587E-02	-3.063270E-02	-8.673060E-02	-4.141819E-03	-4.789148E-03	2.026306E-02
71917		4.535981E-02	-3.477866E-02	-8.673060E-02	-4.141819E-03	-4.789148E-03	2.464496E-03
71918		5.105411E-02	-3.973328E-02	-8.673060E-02	-4.141819E-03	-4.789148E-03	2.231513E-02
71922		-1.103426E-02	4.255426E-02	-4.969889E-02	-1.414630E-02	-3.688810E-03	7.865600E-03
71923		-7.788107E-03	3.010552E-02	-4.969889E-02	-1.414630E-02	-3.688810E-03	-1.178049E-03
71924		-4.800171E-03	1.864701E-02	-4.969889E-02	-1.414630E-02	-3.688810E-03	1.229371E-02
71926		3.364979E-02	-2.706299E 02	-4.952900E-02	-1.547311E-02	-5.975787E-03	8.697517E-03
71927		3.771333E-02	-3.758471E-02	-4.952900E-02	-1.547311E-02	-5.975790E-03	1.098588E-02

71935	G	4.380864E-02	-5.336728E-02	-4.952900E-02	-1.567411E-02	-5.975787E-03	3.113662E-03
71937	G	2.675857E-02	2.763808E-02	-5.835690E-03	-2.067087E-02	-1.122152E-03	9.224666E-03
71939	G	2.747674E-02	1.427873E-02	-5.835690E-03	-2.067087E-02	-1.122152E-03	1.146622E-02
71941	G	2.826225E-02	-1.908722E-04	-5.835690E-03	-2.067087E-02	-1.122152E-03	1.439459E-02
72211	G	-1.303106E-04	5.908352E-02	-5.221371E-02	0.0	0.0	0.0
72213	G	1.068703E-02	2.300972E-02	-5.223765E-02	-1.274116E-02	-8.023508E-03	7.106174E-03
72217	G	5.580598E-02	-4.118904E-02	-5.061028E-02	-1.398793E-02	-8.029457E-03	5.624261E-03
72219	G	6.759254E-02	-7.831538E-02	-5.096822E-02	0.0	0.0	0.0
72221	G	1.439636E-02	8.539701E-02	1.078656E-02	-2.833998E-02	5.766171E-03	6.796341E-03
72224	G	2.932357E-02	3.663625E-02	1.102494E-02	-1.813330E-02	-1.603824E-02	1.160164E-02
72226	G	6.038607E-02	-2.999970E-02	1.179347E-02	-2.001141E-02	-2.549286E-03	8.183904E-03
72229	G	7.215619E-02	-6.351143E-02	1.172677E-02	-2.243343E-02	-1.134198E-02	7.625394E-03
72231	G	5.694116E-02	5.747754E-02	8.785820E-02	-3.200949E-02	4.119646E-03	7.933206E-03
72239	G	7.002169E-02	2.518349E-03	8.737832E-02	-3.508082E-02	-3.324822E-03	1.291033E-02
72811	G	3.173765E-02	6.665605E-02	5.032328E-02	0.0	0.0	0.0
72819	G	9.429938E-02	-5.985408E-02	5.228394E-02	0.0	0.0	0.0
72821	G	4.751628E-02	9.780717E-02	1.249386E-01	0.0	0.0	0.0
72829	G	1.040558E-01	-5.204136E-02	1.244401E-01	0.0	0.0	0.0
72831	G	9.514177E-02	7.124442E-02	2.228934E-01	0.0	0.0	0.0
72839	G	1.087139E-01	2.219630E-02	2.230365E-01	0.0	0.0	0.0
73411	G	5.996337E-02	8.269501E-02	1.546540E-01	0.0	0.0	0.0
73419	G	1.306319E-01	-5.444651E-02	1.547667E-01	0.0	0.0	0.0
73421	G	7.858390E-02	1.115149E-01	2.385381E-01	0.0	0.0	0.0
73429	G	1.462003E-01	-4.338220E-02	2.389079E-01	0.0	0.0	0.0
73431	G	1.315026E-01	8.636063E-02	3.522473E-01	0.0	0.0	0.0
73439	G	1.478784E-01	3.975316E-02	3.524353E-01	0.0	0.0	0.0
74211	G	1.102520E-01	1.046720E-01	3.270221E-01	0.0	0.0	0.0
74219	G	1.868916E-01	-5.886993E-02	3.267741E-01	0.0	0.0	0.0
74221	G	1.327062E-01	1.328142E-01	4.237681E-01	0.0	0.0	0.0
74229	G	2.067267E-01	-2.053299E-02	4.239119E-01	-2.058380E-02	-1.019267E-02	1.924396E-03
74231	G	1.895958E-01	1.109903E-01	5.496298E-01	0.0	0.0	0.0
74239	G	2.090302E-01	6.278205E-02	5.498037E-01	0.0	0.0	0.0
75011	G	1.649103E-01	1.255361E-01	5.219328E-01	0.0	0.0	0.0
75019	G	2.481534E-01	-1.351251E-02	5.217224E-01	0.0	0.0	0.0
75021	G	1.958953E-01	1.552795E-01	6.320984E-01	0.0	0.0	0.0
75029	G	2.732129E-01	3.353162E-03	6.318633E-01	0.0	0.0	0.0
75031	G	2.539609E-01	1.368036E-01	7.650597E-01	0.0	0.0	0.0
75039	G	2.703682E-01	8.596712E-02	7.651631E-01	0.0	0.0	0.0
75911	G	2.366391E-01	1.439972E-01	7.366173E-01	0.0	0.0	0.0
75919	G	3.130933E-01	2.255133E-02	7.383457E-01	0.0	0.0	0.0
75921	G	2.693927E-01	1.726034E-01	8.663316E-01	0.0	0.0	0.0
75929	G	3.463809E-01	3.575893E-02	8.689814E-01	-2.488107E-02	-1.494732E-02	1.511214E-03
75931	G	3.250788E-01	1.615279E-01	9.985793E-01	0.0	0.0	0.0
75939	G	3.491687E-01	1.106931E-01	9.986455E-01	0.0	0.0	0.0
122400	G	2.674013E-04	5.031038E-03	-3.263859E-02	-4.898077E-05	-2.425685E-04	-2.557694E-04
123467	G	2.052122E-03	-3.132084E-03	-2.599654E-02	0.0	0.0	0.0
123487	G	-1.128934E-03	2.273106E-03	-2.975551E-02	0.0	0.0	0.0
124800	G	2.674013E-04	-1.081848E-03	-2.684112E-02	-4.898077E-05	-2.425685E-04	-2.557694E-04
125063	G	5.705968E-03	-4.667405E-03	-2.518205E-02	0.0	0.0	0.0
125065	G	3.266918E-03	-4.747875E-03	-2.621084E-02	0.0	0.0	0.0
125067	G	2.043614E-03	-4.853614E-03	-2.471188E-02	0.0	0.0	0.0
125383	G	4.616994E-03	-2.716506E-03	-2.612279E-02	0.0	0.0	0.0
125387	G	-1.383863E-03	-2.716506E-03	-2.497463E-02	0.0	0.0	0.0
126863	G	6.496690E-03	-7.561073E-03	-2.174167E-02	0.0	0.0	0.0
126867	G	4.133858E-03	-7.571630E-03	-2.130054E-02	0.0	0.0	0.0
127200	G	2.674013E-04	-7.424925E-03	-2.082562E-02	-4.898077E-05	-2.425685E-04	-2.557694E-04
189073	G	-1.665179E-01	7.351241E-04	-2.326761E-01	-5.086111E-04	-1.403542E-02	4.273427E-05
189077	G	-1.654602E-01	7.351241E-04	-2.200880E-01	-5.086111E-04	-1.403542E-02	4.273427E-05
200070	G	-5.974087E-02	-2.665160E-03	-8.518571E-02	-5.086111E-04	-1.403542E-02	4.273427E-05
200078	G	-1.659891E-01	1.165031E-03	-8.518571E-02	-5.086111E-04	-1.403542E-02	4.273427E-05
200079	G	-1.868092E-01	1.918569E-03	-8.529580E-02	-5.096334E-04	-1.409815E-02	4.273427E-05
200086	G	-3.095418E-01	6.241557E-03	-8.556348E-02	-5.760451E-04	-1.636303E-02	4.273427E-05
200087	G	-2.891666E-01	5.600557E-03	-8.556348E-02	-5.127608E-04	-1.431314E-02	4.273427E-05
200095	G	-4.374071E-01	1.078439E-02	-8.588386E-02	-6.497743E-04	-1.835842E-02	4.273427E-05
200096	G	-4.150469E-01	1.009281E-02	-8.588486E-02	-5.134735E-04	-1.444095E-02	4.273427E-05
200101	G	-4.970878E-01	1.340557E-02	-8.639286E-02	-3.278775E-04	-8.620918E-03	4.273427E-05

200106	G	-5.324150E-01	1.439115E-02	-8.649588E-02	-1.894260E-04	-4.489187E-03	4.273427E-05
200114	G	-5.406870E-01	1.502572E-02	-8.709079E-02	2.984413E-05	2.415972E-03	4.273427E-05
200121	G	-5.027038E-01	1.415771E-02	-8.761132E-02	2.174288E-04	8.432385E-03	4.273427E-05
200129	G	-4.100224E-01	1.163932E-02	-8.820629E-02	4.035402E-04	1.445962E-02	4.273427E-05
200137	G	-2.758032E-01	7.839110E-03	-8.820623E-02	5.378858E-04	1.881685E-02	4.273427E-05
200145	G	-1.135634E-01	3.175580E-03	-8.820623E-02	6.188201E-04	2.144510E-02	4.273427E-05
200154	G	5.720218E-02	-1.760470E-03	-8.820623E-02	6.447218E-04	2.228623E-02	4.273427E-05
200155	G	1.064546E-01	-3.185300E-03	-8.820623E-02	6.447218E-04	2.228623E-02	4.273427E-05
211001	G	-3.026291E-01	1.076880E-01	-7.476568E-02	-6.592605E-03	-4.044240E-04	-4.960220E-03
211002	G	-2.991132E-01	-7.575452E-02	-5.169651E-02	6.520737E-03	6.609464E-05	4.190806E-03
211073	G	-1.665179E-01	1.665877E-03	7.301527E-02	-5.086111E-04	-1.403542E-02	4.273427E-05
211077	G	-1.654602E-01	1.665877E-03	8.560336E-02	-5.086111E-04	-1.403542E-02	4.273427E-05
214075	G	-1.659891E-01	1.784678E-03	1.183278E-01	-5.086111E-04	-1.403542E-02	4.273427E-05
214901	G	-3.026291E-01	-8.789355E-02	-5.881926E-02	-6.592605E-03	-4.044240E-04	-4.960220E-03
214902	G	-2.991132E-01	6.948904E-02	-5.430262E-02	6.520737E-03	6.609464E-05	4.190806E-03
215101	G	-1.210244E-01	-1.040538E-02	-1.262318E-01	-3.403844E-03	9.803329E-03	-7.051542E-03
215102	G	-1.196926E-01	6.793708E-03	-1.245445E-01	3.706183E-03	9.870019E-03	6.703384E-03
215201	G	1.572025E-02	-2.687916E-03	-1.728639E-01	-1.663709E-03	1.103112E-02	-3.838075E-03
215202	G	1.423406E-02	-1.876353E-03	-1.741597E-01	1.680626E-03	1.103587E-02	3.841297E-03
222001	G	-3.020148E-01	-2.802012E-01	2.680236E-01	-1.443382E-02	1.421539E-03	-4.247647E-03
227002	G	-2.984481E-01	2.310886E-01	2.245877E-01	1.222350E-02	2.028730E-03	3.723242E-03
222201	G	-1.148596E-01	-3.876515E-02	1.027626E-01	-1.067346E-02	1.052901E-02	-5.553689E-03
222202	G	-1.073130E-01	2.919322E-02	8.217216E-02	8.939620E-03	1.080298E-02	5.276195E-03
222301	G	1.440798E-02	-2.024295E-03	-2.657699E-02	-4.713636E-03	1.179439E-02	-3.166658E-03
222302	G	1.859581E-02	-1.644470E-03	-2.863229E-02	4.182529E-03	1.190266E-02	2.873566E-03
223401	G	-3.020148E-01	-3.420044E-01	2.473404E-01	-1.443382E-02	1.421539E-03	-4.247647E-03
223402	G	-2.984481E-01	2.852618E-01	1.950697E-01	1.222350E-02	2.028730E-03	3.723242E-03
520018	G	-3.073670E-02	-1.885879E-02	-7.282078E-03	4.168276E-03	-7.417109E-04	3.160624E-03
520024	G	-3.269641E-02	-1.885879E-02	-4.697785E-03	4.168086E-03	-7.417109E-04	3.161227E-03
520027	G	-4.328033E-02	-1.885933E-02	9.088337E-03	4.336610E-03	-7.417109E-04	3.422508E-03
520060	G	-4.594802E-02	-1.885945E-02	1.242758E-02	4.455496E-03	-7.417109E-04	3.604950E-03
520068	G	-4.729922E-02	-1.885951E-02	1.408741E-02	4.517529E-03	-7.417109E-04	3.700407E-03
520079	G	-5.144184E-02	-1.886073E-02	1.906144E-02	4.689235E-03	-7.417109E-04	3.964104E-03
520135	G	-7.758856E-02	-1.886939E-02	4.784357E-02	5.469639E-03	-7.417109E-04	5.153254E-03
520139	G	-7.974876E-02	-1.887019E-02	5.009108E-02	5.492430E-03	-7.417109E-04	5.186904E-03
520152	G	-8.674106E-02	-1.887275E-02	5.731178E-02	5.521763E-03	-7.417109E-04	5.229790E-03
520185	G	-1.037889E-01	-1.887275E-02	7.552248E-02	5.521763E-03	-7.417109E-04	5.229790E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.445307E 04

REAL EIGENVECTOR NO. 22

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	3.654791E-03	-3.721409E-03	4.676928E-01	0.0	0.0	0.0
3339	G	3.704216E-03	-3.521029E-03	4.702439E-01	0.0	0.0	0.0
3341	G	5.203699E-02	-6.375551E-03	4.682129E-01	0.0	0.0	0.0
3349	G	4.895488E-02	-6.367411E-03	4.690332E-01	0.0	0.0	0.0
4631	G	3.557609E-03	-3.845683E-03	3.789945E-01	0.0	0.0	0.0
4633	G	-1.910298E-02	-4.147157E-03	3.793402E-01	0.0	0.0	0.0
4637	G	-1.875970E-02	-3.859726E-03	3.812498E-01	0.0	0.0	0.0
4639	G	3.539260E-03	-3.493268E-03	3.813586E-01	0.0	0.0	0.0
4641	G	4.997886E-02	-3.319248E-03	3.791981E-01	0.0	0.0	0.0
4649	G	4.859178E-02	-2.766846E-03	3.817837E-01	0.0	0.0	0.0
4661	G	1.369096E-01	-2.269702E-03	3.796719E-01	0.0	0.0	0.0
4669	G	1.029127E-01	-1.730504E-03	3.817621E-01	0.0	0.0	0.0
6123	G	-5.625111E-02	-4.992416E-03	2.666511E-01	0.0	0.0	0.0
6127	G	-5.565588E-02	-4.278734E-03	2.691400E-01	0.0	0.0	0.0
6131	G	-1.777782E-02	-3.992061E-03	2.674407E-01	0.0	0.0	0.0
6133	G	-1.701031E-02	-3.780101E-03	2.665626E-01	0.0	0.0	0.0
6137	G	-1.628169E-02	-2.977518E-03	2.689878E-01	0.0	0.0	0.0
6139	G	-1.682482E-02	-2.770276E-03	2.714197E-01	0.0	0.0	0.0
6141	G	3.241747E-02	-7.570285E-03	2.674823E-01	0.0	0.0	0.0
6143	G	3.386949E-02	-7.549076E-03	2.667671E-01	0.0	0.0	0.0
6147	G	3.107584E-02	5.160000E-03	2.691910E-01	0.0	0.0	0.0
6149	G	3.231775E-02	5.147822E-03	2.716520E-01	0.0	0.0	0.0
6161	G	6.832027E-02	-9.020813E-03	2.664175E-01	0.0	0.0	0.0
6163	G	6.901336E-02	-9.076048E-03	2.668892E-01	0.0	0.0	0.0
6167	G	6.502211E-02	9.408664E-03	2.696449E-01	0.0	0.0	0.0
6169	G	6.753618E-02	9.365451E-03	2.708119E-01	0.0	0.0	0.0
6171	G	1.381208E-01	-2.595095E-03	3.227170E-01	0.0	0.0	0.0
6179	G	1.337231E-01	-1.147753E-03	3.262433E-01	0.0	0.0	0.0
7031	G	-1.678643E-02	-2.902707E-03	0.0	0.0	0.0	0.0
7033	G	-1.651787E-02	-3.077062E-03	2.056628E-01	0.0	0.0	0.0
7037	G	-1.566939E-02	-3.077062E-03	2.125502E-01	0.0	0.0	0.0
7039	G	-1.563860E-02	-3.233962E-03	0.0	0.0	0.0	0.0
7043	G	3.555388E-02	0.0	2.040851E-01	0.0	0.0	0.0
7047	G	3.218477E-02	0.0	2.107987E-01	0.0	0.0	0.0
7061	G	6.896454E-02	-1.364841E-02	1.589796E-01	0.0	0.0	0.0
7063	G	7.611283E-02	-1.364644E-02	2.034870E-01	0.0	0.0	0.0
7067	G	6.980693E-02	2.126426E-02	2.101142E-01	0.0	0.0	0.0
7069	G	6.806785E-02	2.119539E-02	1.636994E-01	0.0	0.0	0.0
7071	G	1.102557E-01	0.0	1.418481E-01	0.0	0.0	0.0
7079	G	1.095873E-01	0.0	1.472138E-01	0.0	0.0	0.0
7505	G	-1.295640E-01	-8.342820E-03	1.734768E-01	-3.443717E-04	7.564694E-03	4.242400E-05
8300	G	1.802486E-01	9.466962E-03	1.153485E-01	0.0	0.0	0.0
8531	G	-1.327282E-02	-2.239116E-03	0.0	0.0	0.0	0.0
8533	G	-1.651787E-02	-2.463186E-03	9.620166E-02	0.0	0.0	0.0
8537	G	-1.566939E-02	-2.463186E-03	1.030891E-01	0.0	0.0	0.0
8539	G	-1.210756E-02	-2.685932E-03	0.0	0.0	0.0	0.0
8543	G	3.721542E-02	0.0	9.667379E-02	0.0	0.0	0.0
8547	G	3.392926E-02	0.0	1.033158E-01	0.0	0.0	0.0
8561	G	6.624788E-02	-5.825359E-03	6.397623E-02	0.0	0.0	0.0
8563	G	7.679141E-02	-5.890410E-03	9.677547E-02	0.0	0.0	0.0
8567	G	7.357085E-02	1.852546E-02	1.034558E-01	0.0	0.0	0.0
8569	G	6.453651E-02	1.852552E-02	7.255787E-02	0.0	0.0	0.0
8571	G	9.626263E-02	0.0	4.730576E-02	0.0	0.0	0.0
8579	G	9.408194E-02	0.0	5.716049E-02	0.0	0.0	0.0
9301	G	7.465374E-02	-1.149941E-02	3.378237E-02	0.0	0.0	0.0
9307	G	7.666403E-02	-1.133484E-02	4.089321E-02	0.0	0.0	0.0

9313	G	9.600979E-02	-9.980645E-03	3.381532E-02	0.0	0.0	0.0
9317	G	9.659499E-02	-9.161238E-03	4.092418E-02	0.0	0.0	0.0
9331	G	-9.554185E-03	-2.673803E-03	2.731396E-02	0.0	0.0	0.0
9333	G	-1.299817E-02	-2.458863E-03	3.414796E-02	0.0	0.0	0.0
9337	G	-1.237443E-02	-1.990043E-03	4.152750E-02	0.0	0.0	0.0
9339	G	-8.541111E-03	-1.651651E-03	4.062150E-02	0.0	0.0	0.0
9341	G	0.0	4.736393E-03	2.325198E-02	0.0	0.0	0.0
9343	G	3.766572E-02	4.716713E-03	2.087576E-02	0.0	0.0	0.0
9347	G	3.576234E-02	5.772453E-03	2.890384E-02	0.0	0.0	0.0
9349	G	0.0	6.136160E-03	3.565071E-02	0.0	0.0	0.0
9361	G	5.914915E-02	8.112077E-03	7.173549E-03	0.0	0.0	0.0
9363	G	7.205242E-02	7.986564E-03	1.151713E-02	0.0	0.0	0.0
9367	G	6.888753E-02	7.654481E-03	1.980739E-02	0.0	0.0	0.0
9369	G	5.666774E-02	7.511098E-03	1.998600E-02	0.0	0.0	0.0
9371	G	8.546144E-02	1.232301E-02	-1.693433E-04	0.0	0.0	0.0
9373	G	0.0	1.146854E-02	2.944418E-02	0.0	0.0	0.0
9377	G	0.0	8.002780E-03	3.657819E-02	0.0	0.0	0.0
9379	G	8.116120E-02	7.079296E-03	1.297714E-02	0.0	0.0	0.0
11300	G	1.373278E-01	-2.431154E-03	-5.234816E-02	0.0	0.0	0.0
11503	G	9.541357E-02	-7.817719E-03	0.0	0.0	0.0	0.0
11507	G	9.709907E-02	-7.817719E-03	0.0	0.0	0.0	0.0
11531	G	8.218642E-03	-3.494320E-03	0.0	0.0	0.0	0.0
11533	G	7.014528E-03	-3.058388E-03	-8.229369E-02	0.0	0.0	0.0
11537	G	6.533656E-03	3.555492E-05	-7.349032E-02	0.0	0.0	0.0
11539	G	8.453857E-03	4.932620E-04	0.0	0.0	0.0	0.0
11543	G	3.737699E-02	3.479542E-03	-8.227772E-02	0.0	0.0	0.0
11547	G	3.685104E-02	3.479542E-03	-7.338619E-02	0.0	0.0	0.0
11561	G	5.249533E-02	1.901718E-02	-8.886236E-02	0.0	0.0	0.0
11563	G	6.062097E-02	1.908158E-02	-8.214136E-02	0.0	0.0	0.0
11567	G	5.914032E-02	-3.779769E-03	-7.318747E-02	0.0	0.0	0.0
11569	G	4.901195E-02	-3.735755E-03	-7.342297E-02	0.0	0.0	0.0
11571	G	6.349319E-02	0.0	-9.783286E-02	0.0	0.0	0.0
11579	G	6.120170E-02	0.0	-8.152592E-02	0.0	0.0	0.0
11700	G	1.351342E-01	-1.008358E-02	-6.009851E-02	0.0	0.0	0.0
12500	G	-1.937040E-02	6.813306E-03	-1.605302E-01	0.0	0.0	0.0
13801	G	9.002119E-02	-4.863326E-03	-1.437166E-01	0.0	0.0	0.0
13803	G	9.506279E-02	-4.839234E-03	-1.438234E-01	0.0	0.0	0.0
13807	G	9.735543E-02	-5.232010E-03	-1.406394E-01	0.0	0.0	0.0
13809	G	9.353656E-02	-4.627969E-03	-1.380294E-01	0.0	0.0	0.0
13821	G	7.222211E-02	-4.038677E-03	-1.433973E-01	0.0	0.0	0.0
13823	G	7.010686E-02	-3.554138E-03	-1.430389E-01	0.0	0.0	0.0
13827	G	7.153094E-02	-2.548734E-03	-1.392748E-01	0.0	0.0	0.0
13829	G	7.566500E-02	-2.038315E-03	-1.370413E-01	0.0	0.0	0.0
13831	G	2.320085E-02	-2.268889E-03	-1.415561E-01	0.0	0.0	0.0
13833	G	3.443962E-02	-1.812712E-03	-1.392899E-01	0.0	0.0	0.0
13837	G	3.367948E-02	-2.012249E-04	-1.351632E-01	0.0	0.0	0.0
13839	G	2.333562E-02	1.272272E-04	-1.357554E-01	0.0	0.0	0.0
13841	G	0.0	2.805118E-03	-1.388920E-01	0.0	0.0	0.0
13843	G	3.697815E-02	2.211700E-03	-1.364222E-01	0.0	0.0	0.0
13847	G	3.647906E-02	2.324356E-03	-1.325975E-01	0.0	0.0	0.0
13848	G	3.676829E-02	-1.187927E-03	-1.303595E-01	0.0	0.0	0.0
13849	G	0.0	-6.678940E-04	-1.338763E-01	0.0	0.0	0.0
13861	G	4.412198E-02	8.812688E-03	-1.371500E-01	0.0	0.0	0.0
13863	G	4.239323E-02	8.887842E-03	-1.352775E-01	0.0	0.0	0.0
13867	G	4.577168E-02	-2.497361E-03	-1.255234E-01	0.0	0.0	0.0
13869	G	4.356643E-02	-2.371942E-03	-1.244215E-01	0.0	0.0	0.0
13871	G	4.184207E-02	0.0	-1.365016E-01	0.0	0.0	0.0
13879	G	1.006239E-02	0.0	-1.310039E-01	0.0	0.0	0.0
14801	G	9.002119E-02	-3.357027E-03	-1.232927E-01	0.0	0.0	0.0
14803	G	9.348184E-02	-3.642600E-03	-1.217707E-01	0.0	0.0	0.0
14807	G	9.552383E-02	-4.071027E-03	-1.177316E-01	0.0	0.0	0.0
14809	G	9.353656E-02	-3.957298E-03	-1.169807E-01	0.0	0.0	0.0
14821	G	7.183719E-02	-1.204069E-03	-1.240116E-01	0.0	0.0	0.0
14823	G	7.112020E-02	-1.428858E-03	-1.217707E-01	0.0	0.0	0.0
14827	G	7.271308E-02	-2.748466E-03	-1.177316E-01	0.0	0.0	0.0
14829	G	7.530212E-02	-2.979110E-03	-1.169690E-01	0.0	0.0	0.0

14831	G	2.578026E-02	3.294545E-03	-1.247387E-01	0.0	0.0	0.0
14833	G	4.221411E-02	2.624151E-03	-1.226490E-01	0.0	0.0	0.0
14837	G	4.188579E-02	-3.092926E-03	-1.185803E-01	0.0	0.0	0.0
14839	G	2.612649E-02	-3.776621E-03	-1.176966E-01	0.0	0.0	0.0
14841	G	0.0	3.563677E-03	-1.252838E-01	0.0	0.0	0.0
14843	G	3.743564E-02	3.206150E-03	-1.242355E-01	0.0	0.0	0.0
14847	G	3.628716E-02	2.446277E-04	-1.202731E-01	0.0	0.0	0.0
14849	G	0.0	-2.135742E-04	-1.180333E-01	0.0	0.0	0.0
14861	G	3.863539E-02	4.196614E-03	-1.259672E-01	0.0	0.0	0.0
14863	G	3.763450E-02	4.118808E-03	-1.247276E-01	0.0	0.0	0.0
14867	G	3.505587E-02	2.986354E-03	-1.237471E-01	0.0	0.0	0.0
14869	G	3.456625E-02	2.218678E-03	-1.186641E-01	0.0	0.0	0.0
14881	G	1.136464E-02	7.705182E-03	-1.146317E-01	0.0	0.0	0.0
14883	G	-1.650516E-02	7.177826E-03	-1.092814E-01	0.0	0.0	0.0
14887	G	-1.749596E-02	3.720156E-03	-1.057255E-01	0.0	0.0	0.0
14889	G	7.266611E-03	3.052456E-03	-1.077441E-01	0.0	0.0	0.0
15212	G	8.502972E-02	-2.676468E-03	-1.127874E-01	-2.467940E-04	-2.492937E-03	3.590893E-05
15218	G	8.773983E-02	-2.777725E-03	-1.071706E-01	-1.474430E-04	-2.543003E-03	2.027456E-04
15601	G	8.699143E-02	-2.820398E-03	-1.041261E-01	0.0	0.0	0.0
15603	G	9.348184E-02	-3.358561E-03	-1.020516E-01	0.0	0.0	0.0
15607	G	9.552383E-02	-2.467312E-03	-9.761649E-02	0.0	0.0	0.0
15609	G	9.082526E-02	-2.209011E-03	-9.673629E-02	0.0	0.0	0.0
15621	G	7.182086E-02	-1.270357E-03	-1.044457E-01	0.0	0.0	0.0
15623	G	7.106016E-02	-1.144818E-03	-1.024637E-01	0.0	0.0	0.0
15625	G	7.288796E-02	-1.138730E-03	-1.000773E-01	0.0	0.0	0.0
15627	G	7.305169E-02	-1.144748E-03	-9.737027E-02	0.0	0.0	0.0
15629	G	7.530481E-02	-9.718577E-04	-9.651130E-02	0.0	0.0	0.0
15633	G	4.783341E-02	0.0	-1.053730E-01	0.0	0.0	0.0
15637	G	4.827101E-02	0.0	-9.949344E-02	0.0	0.0	0.0
16481	G	-2.999674E-04	6.347764E-03	-9.147865E-02	0.0	0.0	0.0
16483	G	-1.643966E-02	6.167058E-03	0.0	0.0	0.0	0.0
16485	G	-2.084865E-02	5.509637E-03	0.0	0.0	0.0	0.0
16487	G	-1.841043E-02	5.258083E-03	0.0	0.0	0.0	0.0
16489	G	-5.516127E-03	5.351759E-03	-9.537532E-02	0.0	0.0	0.0
17103	G	8.217086E-02	3.942642E-03	-8.835607E-02	0.0	0.0	0.0
18601	G	9.322882E-02	1.367797E-03	-3.862408E-02	0.0	0.0	0.0
18603	G	9.606189E-02	5.054312E-04	-3.689893E-02	0.0	0.0	0.0
18607	G	7.626512E-02	-4.993607E-04	-3.404954E-02	0.0	0.0	0.0
18609	G	9.485441E-02	-3.155645E-04	-3.288851E-02	0.0	0.0	0.0
18621	G	7.513374E-02	3.977075E-03	-3.977113E-02	0.0	0.0	0.0
18623	G	7.577151E-02	3.379365E-03	-3.766462E-02	0.0	0.0	0.0
18625	G	7.529372E-02	2.649017E-03	-3.591397E-02	0.0	0.0	0.0
18627	G	7.661122E-02	1.980575E-03	-3.493333E-02	0.0	0.0	0.0
18629	G	8.016503E-02	1.414297E-03	-3.297377E-02	0.0	0.0	0.0
18631	G	6.037513E-02	-9.015067E-04	-3.922015E-02	0.0	0.0	0.0
18633	G	0.0	6.022416E-04	-3.692730E-02	0.0	0.0	0.0
18635	G	0.0	4.111707E-03	-3.459216E-02	0.0	0.0	0.0
18637	G	0.0	3.104446E-03	-3.551930E-02	0.0	0.0	0.0
18639	G	6.250036E-02	9.045597E-03	-3.661124E-02	0.0	0.0	0.0
18641	G	5.416333E-02	-1.165297E-02	-3.892545E-02	-2.333311E-03	-1.689321E-03	7.574897E-03
18642	G	6.833607E-02	-1.321634E-02	-3.625506E-02	-8.817650E-04	-4.760206E-03	6.598528E-03
18643	G	9.050363E-02	-3.259900E-03	-3.313142E-02	0.0	-7.822629E-03	6.191256E-03
18644	G	1.216638E-01	-1.192426E-03	-3.013603E-02	0.0	0.0	3.219855E-03
18645	G	1.321127E-01	4.726421E-03	-2.950838E-02	0.0	0.0	3.450874E-04
18646	G	1.251866E-01	1.374221E-02	-2.991763E-02	0.0	0.0	-2.774945E-03
18647	G	9.442294E-02	1.416565E-02	-3.309921E-02	0.0	-9.207256E-03	-6.621465E-03
18648	G	7.052767E-02	2.029146E-02	-3.732131E-02	1.209478E-03	-6.098349E-03	-7.164065E-03
18649	G	5.495248E-02	2.183929E-02	-4.080943E-02	2.841131E-03	-2.980857E-03	-8.412182E-03
18651	G	5.059009E-02	-7.726751E-03	-3.936917E-02	-2.471411E-03	-1.632841E-03	5.931769E-03
18652	G	6.195219E-02	-6.927025E-03	-3.633237E-02	-1.171680E-03	-4.577979E-03	5.503871E-03
18653	G	6.185655E-02	1.507668E-02	-3.714217E-02	1.488157E-03	-5.395375E-03	-6.298941E-03
18654	G	4.869943E-02	1.699419E-02	-4.123360E-02	2.999084E-03	-2.724931E-03	-6.953035E-03
18656	G	4.274447E-02	9.394917E-03	-3.834514E-02	-2.399837E-03	-1.710607E-03	-3.122316E-03
18657	G	3.668846E-02	9.036967E-03	-3.643253E-02	-8.324515E-04	-4.773524E-03	-2.814512E-03
18658	G	3.244936E-02	1.483660E-03	-3.760455E-02	1.156702E-03	-5.702943E-03	2.142846E-03
18659	G	3.694742E-02	-2.390617E-03	-4.104169E-02	2.878312E-03	-2.397486E-03	2.493738E-03

18661	G	3.880943E-02	1.270543E-02	-3.823832E-02	-2.649265E-03	-1.412767E-03	-5.399428E-03
18662	G	2.927320E-02	1.168073E-02	-3.636603E-02	-4.547378E-04	-2.865671E-03	-4.195374E-03
18663	G	1.545079E-02	1.034389E-02	-3.429692E-02	5.029235E-04	-4.314572E-03	-5.807042E-03
18664	G	-3.681934E-03	6.244957E-03	-2.988711E-02	0.0	0.0	-2.014932E-03
18665	G	9.886652E-03	2.772368E-03	-2.840815E-02	0.0	0.0	-1.387150E-04
18666	G	-5.409397E-03	-7.824348E-04	-2.973739E-02	0.0	0.0	1.674733E-03
18667	G	1.095743E-02	-5.162962E-03	-3.446625E-02	-2.758447E-04	-4.169609E-03	3.285238E-03
18668	G	2.294831E-02	-6.626401E-03	-3.759037E-02	7.503596E-04	-2.927492E-03	3.674554E-03
18669	G	3.153030E-02	-7.743757E-03	-4.014754E-02	3.127264E-03	-1.681944E-03	4.475248E-03
18681	G	-1.049916E-02	4.673395E-03	-3.590690E-02	0.0	0.0	0.0
18683	G	-3.503157E-02	4.323896E-03	-3.564447E-02	5.029235E-04	-4.123114E-03	-9.920695E-05
18685	G	-2.557703E-02	1.440557E-03	-3.200121E-02	0.0	0.0	0.0
18687	G	3.748694E-02	-1.861101E-03	-3.595849E-02	-2.758447E-04	-3.935423E-03	-9.920694E-05
18689	G	-1.596475E-02	-2.266581E-03	-3.744088E-02	0.0	0.0	0.0
18983	G	-4.054263E-02	4.229743E-03	-2.296733E-02	0.0	-3.135103E-03	6.606095E-05
18987	G	-4.285984E-02	-2.154906E-03	-2.401013E-02	0.0	-3.030554E-03	-5.595942E-05
19741	G	6.693286E-02	-1.271703E-02	5.513769E-03	-4.221935E-03	-2.134803E-03	4.985794E-03
19742	G	1.049293E-01	-6.239697E-03	2.325493E-02	-1.343398E-03	-7.325612E-03	4.181448E-03
19743	G	1.129951E-01	-3.793557E-03	2.732072E-02	0.0	-8.437198E-03	3.258679E-03
19745	G	1.256149E-01	5.246114E-03	3.522456E-02	0.0	0.0	-8.699954E-05
19747	G	1.113770E-01	1.447906E-02	2.806002E-02	0.0	-8.722756E-03	-3.523596E-03
19748	G	1.026774E-01	1.705039E-02	2.442176E-02	1.133201E-03	-7.579678E-03	-4.502885E-03
19749	G	6.186552E-02	2.318349E-02	7.285919E-03	4.396304E-03	-2.433834E-03	-5.352944E-03
19751	G	5.157939E-02	1.740792E-02	6.012574E-03	-5.653445E-03	-2.579790E-03	-7.256784E-04
19752	G	5.006275E-02	1.134017E-02	2.268530E-02	-5.753769E-04	-7.146660E-03	6.421804E-05
19758	G	4.541556E-02	-1.803478E-03	2.379647E-02	3.306207E-04	-7.401321E-03	-4.531245E-04
19759	G	4.426860E-02	-8.534115E-03	7.773627E-03	4.007411E-03	-2.958036E-03	4.575909E-04
19761	G	4.493004E-02	1.782833E-02	6.156486E-03	-1.318546E-03	-2.755559E-03	-1.625466E-03
19762	G	3.262064E-02	1.417477E-02	2.234088E-02	-2.316949E-03	-7.048972E-03	-1.576024E-03
19763	G	2.950168E-02	1.231666E-02	2.677839E-02	0.0	-8.160830E-03	-1.300547E-03
19765	G	2.315274E-02	5.014319E-03	3.578961E-02	0.0	0.0	-2.859379E-04
19767	G	2.523763E-02	-2.452955E-03	2.758373E-02	0.0	-8.412674E-03	8.291688E-04
19768	G	2.739872E-02	-4.417975E-03	2.347356E-02	2.239298E-03	-7.274263E-03	1.169693E-03
19769	G	3.664530E-02	-8.306604E-03	7.935241E-03	1.147728E-03	-3.157600E-03	1.228859E-03
21183	G	-5.572001E-02	1.711147E-02	7.519805E-02	0.0	-6.739382E-03	9.961387E-04
21187	G	-5.774870E-02	1.511869E-02	8.171302E-02	0.0	-6.834321E-03	4.532507E-04
21321	G	8.342135E-02	-3.548176E-03	7.284212E-02	0.0	0.0	0.0
21323	G	7.827681E-02	-1.900933E-03	8.175540E-02	0.0	0.0	0.0
21325	G	7.550830E-02	4.490581E-04	8.823103E-02	0.0	0.0	0.0
21327	G	7.399869E-02	2.888578E-03	8.983654E-02	0.0	0.0	0.0
21329	G	7.204008E-02	4.548635E-03	8.873230E-02	0.0	0.0	0.0
21331	G	7.412332E-02	5.441591E-03	7.580960E-02	-2.749374E-03	-4.335757E-03	1.906097E-03
21343	G	8.360529E-02	5.730096E-03	8.523661E-02	0.0	-4.295041E-03	1.500715E-03
21345	G	8.553457E-02	7.628161E-03	9.196997E-02	0.0	-3.577241E-03	-9.051217E-04
21347	G	6.845939E-02	9.530999E-03	9.244293E-02	0.0	-2.858640E-03	-1.666703E-03
21349	G	5.924166E-02	9.799257E-03	8.606851E-02	2.387355E-03	-2.818724E-03	-1.616911E-03
21361	G	5.235735E-02	9.637579E-03	7.615870E-02	0.0	0.0	0.0
21363	G	5.660627E-02	1.016824E-02	8.768010E-02	2.331514E-04	-9.033576E-03	0.0
21364	G	6.536651E-02	1.024303E-02	9.092736E-02	0.0	0.0	0.0
21366	G	6.162731E-02	1.102668E-02	9.471345E-02	0.0	0.0	0.0
21367	G	5.033005E-02	1.107129E-02	9.437799E-02	-2.298227E-04	-8.668855E-03	0.0
21369	G	4.165140E-02	1.158461E-02	8.690095E-02	0.0	0.0	0.0
21383	G	-5.564151E-02	1.934352E-02	9.186012E-02	-2.656107E-03	-8.722275E-03	9.950586E-04
21387	G	-5.769179E-02	2.594123E-03	9.823698E-02	2.482836E-03	-8.443143E-03	5.207886E-04
21485	G	0.0	1.220388E-02	1.437705E-01	-3.492706E-04	0.0	0.0
21801	G	8.812785E-02	-4.582860E-03	7.441717E-02	0.0	0.0	0.0
21803	G	8.848780E-02	-5.688384E-03	7.726526E-02	0.0	0.0	0.0
21807	G	8.605433E-02	-4.736826E-03	8.687210E-02	0.0	0.0	0.0
21809	G	8.171266E-02	-3.830424E-03	8.921969E-02	0.0	0.0	0.0
21821	G	8.223456E-02	-2.987615E-03	7.641256E-02	0.0	0.0	0.0
21823	G	7.830662E-02	-2.089986E-03	7.603651E-02	0.0	0.0	0.0
21825	G	7.517326E-02	-1.145436E-03	8.250862E-02	0.0	0.0	0.0
21827	G	7.329786E-02	-3.954631E-04	8.738852E-02	0.0	0.0	0.0
21829	G	7.168674E-02	-4.249800E-06	9.226727E-02	0.0	0.0	0.0
22312	G	8.493477E-02	-4.614476E-03	7.952619E-02	0.0	0.0	0.0
22318	G	7.815284E-02	-5.206186E-03	9.475058E-02	0.0	0.0	0.0

22701	G	8.649586E-02	-7.900331E-03	8.410734E-02	0.0	0.0	0.0
22703	G	8.579999E-02	-9.420879E-03	8.795399E-02	0.0	0.0	0.0
22707	G	8.335018E-02	-8.060794E-03	8.723457E-02	0.0	0.0	0.0
22709	G	7.979816E-02	-6.933171E-03	8.675326E-02	0.0	0.0	0.0
22721	G	8.072072E-02	-3.720867E-03	8.236200E-02	0.0	0.0	0.0
22723	G	7.791966E-02	-4.070271E-03	8.613861E-02	0.0	0.0	0.0
22725	G	7.249391E-02	-3.849711E-03	9.345365E-02	0.0	0.0	0.0
22727	G	7.269776E-02	-3.718156E-03	9.832396E-02	0.0	0.0	0.0
22729	G	7.121551E-02	-4.299670E-03	1.034604E-01	0.0	0.0	0.0
23100	G	6.773973E-02	1.547356E-03	1.215925E-01	0.0	0.0	0.0
25001	G	7.265329E-02	-1.325884E-02	1.064033E-01	0.0	0.0	0.0
25003	G	7.249904E-02	-1.383132E-02	1.077327E-01	0.0	0.0	0.0
25007	G	6.900221E-02	-1.265214E-02	1.138535E-01	0.0	0.0	0.0
25009	G	6.585020E-02	-1.191331E-02	1.160500E-01	0.0	0.0	0.0
25021	G	7.228088E-02	-1.132976E-02	1.061900E-01	0.0	0.0	0.0
25025	G	6.656229E-02	-9.900078E-03	1.131471E-01	0.0	0.0	0.0
25029	G	6.355220E-02	-8.528378E-03	1.186720E-01	0.0	0.0	0.0
25041	G	8.052605E-02	-5.245622E-03	1.073833E-01	0.0	0.0	0.0
25045	G	0.0	-3.270257E-03	1.175392E-01	0.0	0.0	0.0
25049	G	6.911004E-02	-1.269054E-03	1.204517E-01	0.0	0.0	0.0
25061	G	8.614558E-02	1.236957E-03	1.091161E-01	0.0	0.0	0.0
25065	G	8.414972E-02	1.411186E-03	1.216983E-01	0.0	0.0	0.0
25069	G	7.301098E-02	1.773073E-03	1.225578E-01	0.0	0.0	0.0
26801	G	6.465816E-02	-1.716134E-02	8.878446E-02	0.0	0.0	0.0
26809	G	6.191765E-02	-1.830311E-02	9.328306E-02	0.0	0.0	0.0
26821	G	6.342602E-02	-1.461674E-02	8.777672E-02	0.0	0.0	0.0
26825	G	6.010010E-02	-1.499363E-02	9.071261E-02	0.0	0.0	0.0
26829	G	5.651154E-02	-1.530910E-02	9.914663E-02	0.0	0.0	0.0
26841	G	8.100682E-02	-9.384025E-03	8.726633E-02	0.0	0.0	0.0
26845	G	0.0	-1.017890E-02	8.897935E-02	0.0	0.0	0.0
26849	G	7.027394E-02	-1.108577E-02	9.813531E-02	0.0	0.0	0.0
26861	G	9.753680E-02	-6.750070E-03	8.652472E-02	0.0	0.0	0.0
26865	G	8.935654E-02	-6.836828E-03	8.573467E-02	0.0	0.0	0.0
26869	G	8.700877E-02	-6.951768E-03	9.637576E-02	0.0	0.0	0.0
29905	G	4.616689E-02	-2.298973E-02	2.384458E-02	0.0	0.0	0.0
29921	G	4.595891E-02	-2.301630E-02	2.530841E-02	0.0	0.0	0.0
29925	G	5.174616E-02	-2.305257E-02	2.439125E-02	0.0	0.0	0.0
29929	G	3.674296E-02	-2.301630E-02	2.361187E-02	0.0	0.0	0.0
29941	G	7.854658E-02	-2.355161E-02	2.740707E-02	0.0	0.0	0.0
29945	G	0.0	-2.348578E-02	2.147286E-02	0.0	0.0	0.0
29949	G	6.937456E-02	-2.342846E-02	2.593581E-02	0.0	0.0	0.0
29961	G	1.078506E-01	-2.408251E-02	2.887549E-02	0.0	0.0	0.0
29965	G	9.537959E-02	-2.389359E-02	2.746259E-02	0.0	0.0	0.0
29969	G	1.004106E-01	-2.408251E-02	2.743559E-02	0.0	0.0	0.0
30045	G	7.371283E-02	-2.357201E-02	2.615225E-02	5.857987E-05	2.302635E-03	-3.026826E-04
31745	G	7.608128E-02	-2.835518E-02	-2.251006E-02	1.606712E-04	3.016863E-03	-2.085342E-04
33845	G	7.970423E-02	-3.159664E-02	-9.166181E-02	3.251443E-04	3.547296E-03	-6.803311E-05
35945	G	8.379114E-02	-3.138928E-02	-1.698468E-01	5.339971E-04	3.862716E-03	1.417477E-04
38045	G	8.803773E-02	-2.660101E-02	-2.508954E-01	8.087384E-04	3.816186E-03	4.002168E-04
40141	G	9.730148E-02	-1.641667E-02	-3.976898E-01	-5.582601E-03	3.153893E-03	-9.952083E-04
40142	G	8.842230E-02	-1.641667E-02	-3.455925E-01	-3.891812E-03	3.153893E-03	-5.758114E-04
40143	G	8.544689E-02	-1.641667E-02	-3.160238E-01	-1.062741E-03	3.153893E-03	1.259335E-04
40145	G	9.182340E-02	-1.641460E-02	-3.248570E-01	1.162207E-03	3.154594E-03	6.931336E-04
40147	G	1.001730E-01	-1.641697E-02	-3.406536E-01	3.758978E-03	3.153836E-03	1.488560E-03
40148	G	1.234785E-01	-1.641697E-02	-4.040815E-01	7.178355E-03	3.153836E-03	2.552639E-03
40149	G	1.543757E-01	-1.641697E-02	-4.927344E-01	9.221945E-03	3.153836E-03	3.188585E-03
42245	G	9.375161E-02	-1.782543E-04	-3.767037E-01	1.587027E-03	1.736979E-03	1.024902E-03
44345	G	9.319496E-02	2.310634E-02	-3.894458E-01	2.180910E-03	-5.818135E-04	1.428572E-03
45245	G	9.191394E-02	3.574479E-02	-3.783125E-01	2.532151E-03	-1.884893E-03	1.639444E-03
46445	G	8.915800E-02	5.481118E-02	-3.458218E-01	3.033980E-03	-3.618880E-03	1.922200E-03
48045	G	7.665364E-02	8.141551E-02	-2.825591E-01	6.769087E-03	-4.279304E-03	5.903304E-03
48845	G	-1.309785E-02	3.682626E-02	-2.423227E-01	9.603720E-03	-5.039215E-03	8.889765E-03
49745	G	-5.974402E-02	3.467297E-02	-1.948193E-01	1.297601E-02	-5.752467E-03	1.247612E-02
50645	G	-1.116656E-01	3.599654E-02	-1.418813E-01	1.703263E-02	-6.283864E-03	1.686433E-02
51545	G	-1.679367E-01	4.254799E-02	-8.451861E-02	2.167454E-02	-6.736629E-03	2.212292E-02
52045	G	-2.285434E-01	-3.180303E-02	-4.870125E-02	2.500697E-02	-6.933436E-03	2.802574E-02

61912	G	4.651863E-02	1.817068E-02	-4.316448E-02	-3.288486E-03	-2.355755E-04	-5.930003E-03
61913	G	4.682181E-02	1.393839E-02	-4.316448E-02	-3.288486E-03	-2.355755E-04	5.948145E-03
61914	G	4.710284E-02	1.001523E-02	-4.316448E-02	-3.288486E-03	-2.355755E-04	-3.317645E-03
61916	G	4.243563E-02	-1.061259E-02	-4.320961E-02	-2.943899E-03	-5.429201E-04	6.162491E-03
61917	G	4.297889E-02	-1.355944E-02	-4.320961E-02	-2.943899E-03	-5.429201E-04	-1.722640E-03
61918	G	4.362443E-02	-1.705973E-02	-4.320961E-02	-2.943899E-03	-5.429201E-04	8.009862E-03
61922	G	5.046881E-02	3.042610E-02	-4.368439E-03	-8.511789E-03	-2.754707E-03	4.496738E-03
61923	G	5.289296E-02	2.293573E-02	-4.368439E-03	-8.511789E-03	-2.754707E-03	-9.867193E-04
61924	G	5.512427E-02	1.604118E-02	-4.368439E-03	-8.511789E-03	-2.754707E-03	6.460242E-03
61926	G	5.804747E-02	-1.094263E-02	-4.529230E-03	-9.467538E-03	-1.884790E-03	1.954277E-03
61927	G	5.932913E-02	-1.738056E-02	-4.529230E-03	-9.467538E-03	-1.884790E-03	5.319197E-03
61928	G	6.125161E-02	-2.703746E-02	-4.529230E-03	-9.467538E-03	-1.884790E-03	1.401638E-03
61934	G	6.818759E-02	1.352599E-02	6.259578E-02	-1.226727E-02	-4.340164E-03	3.689932E-03
61935	G	7.096135E-02	5.674940E-03	6.259578E-02	-1.226727E-02	-4.340164E-03	2.007573E-03
61936	G	7.400346E-02	-2.912142E-03	6.259578E-02	-1.226727E-02	-4.340164E-03	5.309403E-03
62211	G	2.631421E-02	4.849954E-02	-6.411588E-02	0.0	0.0	0.0
62213	G	3.066989E-02	2.302913E-02	-6.415832E-02	-8.779936E-03	1.765272E-03	5.426206E-03
62217	G	4.567401E-02	-1.907508E-02	-6.622303E-02	-9.637620E-03	2.204563E-03	-3.072596E-04
62219	G	4.955430E-02	-4.168775E-02	-6.617600E-02	0.0	0.0	0.0
62221	G	3.019151E-02	5.604504E-02	-3.831545E-02	-1.712560E-02	-9.832527E-03	3.730110E-03
62224	G	3.729055E-02	2.631535E-02	-3.824593E-02	-1.112465E-02	3.019091E-03	6.144848E-03
62226	G	5.126355E-02	-1.648839E-02	-3.883507E-02	-1.146395E-02	-7.773205E-04	2.044267E-03
62229	G	5.687255E-02	-3.531312E-02	-3.884776E-02	-1.456558E-02	-4.485987E-03	1.854398E-03
62231	G	5.188207E-02	2.581400E-02	1.526444E-02	-1.382500E-02	-6.110154E-03	3.243309E-03
62239	G	5.855465E-02	-2.397072E-03	1.539270E-02	-1.695754E-02	-3.598773E-03	4.830014E-03
62811	G	8.053005E-03	5.281169E-02	-1.256080E-01	0.0	0.0	0.0
62819	G	3.367701E-02	-3.102573E-02	-1.257177E-01	0.0	0.0	0.0
62821	G	1.292282E-02	6.285083E-02	-1.008425E-01	0.0	0.0	0.0
62829	G	3.919108E-02	-2.954918E-02	-1.005196E-01	0.0	0.0	0.0
62831	G	3.299918E-02	3.223028E-02	-5.399594E-02	0.0	0.0	0.0
62839	G	3.986116E-02	5.843672E-03	-5.406752E-02	0.0	0.0	0.0
63411	G	-6.631855E-03	6.383544E-02	-1.861131E-01	0.0	0.0	0.0
63419	G	1.379405E-02	-2.768312E-02	-1.860374E-01	0.0	0.0	0.0
63421	G	-2.644851E-03	7.038301E-02	-1.630336E-01	0.0	0.0	0.0
63429	G	1.978198E-02	-2.377465E-02	-1.632370E-01	0.0	0.0	0.0
63431	G	1.437633E-02	3.926897E-02	-1.235342E-01	0.0	0.0	0.0
63439	G	2.053172E-02	1.343334E-02	-1.236213E-01	0.0	0.0	0.0
64211	G	-3.326534E-02	7.851774E-02	-2.893651E-01	0.0	0.0	0.0
64219	G	-1.615347E-02	-1.808411E-02	-2.880665E-01	0.0	0.0	0.0
64221	G	-2.937410E-02	8.184260E-02	-2.652880E-01	0.0	0.0	0.0
64229	G	-9.878293E-03	-1.370090E-02	-2.654092E-01	-1.282480E-02	-2.375332E-03	4.599295E-04
64231	G	-1.465292E-02	5.103700E-02	-2.302645E-01	0.0	0.0	0.0
64239	G	-8.816570E-03	2.389719E-02	-2.303492E-01	0.0	0.0	0.0
65011	G	-6.492209E-02	9.182298E-02	-4.058299E-01	0.0	0.0	0.0
65019	G	-4.855481E-02	-3.090819E-03	-4.054273E-01	0.0	0.0	0.0
65021	G	-6.001663E-02	9.346139E-02	-3.802930E-01	0.0	0.0	0.0
65029	G	-4.186625E-02	-1.180724E-03	-3.801599E-01	0.0	0.0	0.0
65031	G	-4.632828E-02	6.391048E-02	-3.570590E-01	0.0	0.0	0.0
65039	G	-4.044812E-02	3.513065E-02	-3.471124E-01	0.0	0.0	0.0
65911	G	-1.006045E-01	1.023167E-01	-5.369405E-01	0.0	0.0	0.0
65919	G	-8.344138E-02	1.885121E-02	-5.389307E-01	0.0	0.0	0.0
65921	G	-9.457123E-02	1.015466E-01	-5.079201E-01	0.0	0.0	0.0
65929	G	-7.648295E-02	1.592395E-02	-5.086345E-01	-1.556792E-02	-3.466492E-03	-3.349374E-04
65931	G	-8.116877E-02	7.696614E-02	-4.744236E-01	0.0	0.0	0.0
65939	G	-7.479209E-02	4.809066E-02	-4.744362E-01	0.0	0.0	0.0
71912	G	3.871383E-02	-1.365591E-02	-4.582794E-02	3.835091E-03	-6.727581E-04	5.553659E-03
71913	G	3.957967E-02	-8.[illegible]148E-03	-4.582794E-02	3.835091E-03	-6.727581E-04	-6.288499E-03
71914	G	4.038227E-02	-4.[illegible]888E-03	-4.582794E-02	3.835091E-03	-6.727581E-04	2.627621E-03
71916	G	3.908885E-02	2.039910E-02	-4.587806E-02	3.534081E-03	-1.869382E-03	-7.281620E-03
71917	G	4.096011E-02	2.358672E-02	-4.587806E-02	3.534081E-03	-1.869382E-03	4.319947E-04
71918	G	4.318780E-02	2.778874E-02	-4.587806E-02	3.534081E-03	-1.869382E-03	-8.968957E-03
71922	G	4.249731E-02	-2.281149E-02	-3.376129E-03	9.218939E-03	-3.104659E-03	-6.589450E-03
71923	G	4.522941E-02	-1.465883E-02	-3.376129E-03	9.218939E-03	-3.104659E-03	7.583352E-04
71924	G	4.774418E-02	-7.231485E-03	-3.376129E-03	9.218939E-03	-3.104659E-03	-6.611604E-03
71926	G	5.224264E-02	2.246714E-02	-3.499791E-03	1.030700E-02	-2.115726E-03	-1.990910E-03
71927	G	5.368133E-02	2.947591E-02	-3.499791E-03	1.030700E-02	-2.115726E-03	-5.731985E-03

71928	G	2.568937E-02	[illegible]-02	-1.499791E-03	1.015[illegible]-02	[illegible]	-1.365656E-03
71934	G	5.687590E-02	9.284523E-04	7.189171E-02	1.358131E-02	-2.851643E-03	-2.525439E-03
71935	G	5.667701E-02	9.821654E-03	7.189173E-02	1.358131E-02	-2.851643E-03	-1.935912E-03
71936	G	5.864698E-02	1.912984E-02	7.189173E-02	1.359131E-02	-2.914247E-03	-2.419175E-03
72211	G	1.761509E-02	-4.[illegible]95E-02	-6.902921E-02	0.0	0.0	0.0
72213	G	2.258359E-02	-1.[illegible]3E-02	-6.911445E-02	9.788139E-03	[illegible]	-5.654[illegible]E-03
72217	G	4.012301E-03	2.[illegible]30E-02	-7.147706E-02	1.111626E-02	[illegible]	-[illegible]
72219	G	4.419371E-	5.373115E-02	-7.142134E-02	0.0	0.0	0.0
72221	G	2.167636E-0[illegible]	-5.102821E-02	-[illegible]	1.886634E-02	-1.[illegible]5E-04	-[illegible]
72224	G	2.959632E-02	-[illegible]-02	-4.012275E-02	1.222638E-02	-2.412[illegible]E-03	-6.[illegible]
72226	G	4.528832E-02	2.[illegible]-02	-4.093355E-02	1.262147E-02	-1.124560E-03	-2.059[illegible]E-03
72229	G	3.149893E-02	4.928134E-02	-4.100785E-02	1.599117E-02	-4.665524E-03	-1.825761E-03
72231	G	4.662083E-02	-1.239854E-02	1.920296E-02	1.509712E-02	-2.446653E-03	-2.722593E-03
72239	G	5.197330E-02	1.258880E-02	1.930521E-02	1.890446E-02	-2.496654E-03	-2.[illegible]21E-03
72811	G	-1.122665E-03	-5.088639E-02	-1.369402E-01	0.0	0.0	0.0
72819	G	2.739529E-02	4.194747E-02	-1.370786E-01	0.0	0.0	0.0
72821	G	4.290057E-03	5.828974E-02	-1.090944E-01	0.0	0.0	0.0
72829	G	3.367871E-02	4.331195E-02	-1.0872 4E-01	0.0	0.0	0.0
72831	G	2.672673E-02	-1.938298E-02	-5.643602E-02	0.0	0.0	0.0
72839	G	3.440771E-02	9.581868E-03	-5.652264E-02	0.0	0.0	0.0
73411	G	-1.569761E-02	-6.252515E-02	-2.037168E-01	0.0	0.0	0.0
73419	G	7.573664E-03	3.861176E-02	-2.036113E-01	0.0	0.0	0.0
73421	G	-1.[illegible]405E-02	-6.625766E-02	-1.774986E-01	0.0	0.0	0.0
73429	G	1.634832E-02	3.742224E-02	-1.777136E-01	0.0	0.0	0.0
73431	G	8.256702E-03	-2.711969E-02	-1.328867E-01	0.0	0.0	0.0
73439	G	1.520130E-02	1.[illegible]7E-03	-1.329629E-01	0.0	0.0	0.0
74211	G	-4.210880E-02	-7.[illegible]2E-02	-3.164101E-01	0.0	0.0	0.0
74219	G	-2.257654E-02	2.862244E-02	-3.160592E-01	0.0	0.0	0.0
74221	G	-3.762327E-02	-7.[illegible]2E-02	-2.900690E-01	0.0	0.0	0.0
74229	G	-1.543984E-02	2.695174[illegible]-02	-2.931756E-01	1.413345E-02	-2.[illegible]6E-04	-1.[illegible]
74231	G	-2.085641E-02	-4.[illegible]7E-02	-2.502246E-01	0.0	0.0	0.0
74239	G	-1.622844E-02	-1.015[illegible]E-02	-2.533117E-01	0.0	0.0	0.0
75011	G	-7.429326E-02	-9.211206E-02	-4.459624E-01	0.0	0.0	0.0
75019	G	-5.556754E-02	1.272179E-02	-4.455035E-01	0.0	0.0	0.0
75021	G	-6.864625E-02	-9.077656E-02	-4.167683E-01	0.0	0.0	0.0
75029	G	-4.793710E-02	1.[illegible]6E-02	-4.166042E-01	0.0	0.0	0.0
75031	G	-5.301203E-02	-5.621761E-02	-3.788932E-01	0.0	0.0	0.0
75039	G	-4.631403E-02	-2.246537E-02	-3.799518E-01	0.0	0.0	0.0
75811	G	-1.108915E-01	-1.030678F-01	-5.906432E-01	0.0	0.0	0.0
75919	G	-9.132463E-02	-1.084666E-02	-5.925465E-01	0.0	0.0	0.0
75921	G	-1.039923E-01	-9.918153E-02	-5.576049E-01	0.0	0.0	0.0
75929	G	-8.338487E-02	-4.437700E-03	-5.583846E-01	1.722633E-02	-3.943145E-03	7.332901E-04
75931	G	-8.871937E-02	-6.859696E-02	-5.194486E-01	0.0	0.0	0.0
75939	G	-8.146477E-02	-3.672777E-02	-5.194601E-01	0.0	0.0	0.0
122400	G	1.587965E-01	2.793024E-02	1.332083E-01	-8.516981E-05	5.133196E-04	-2.834941E-04
123467	G	7.525867E-02	1.648552E-02	1.069745E-01	0.0	0.0	0.0
123487	G	1.531530E-01	2.677198E-02	1.288893E-01	0.0	0.0	0.0
124800	G	1.587965E-01	2.122634E-02	1.209430E-01	-8.516981E-05	5.133196E-04	-2.804431E-04
125063	G	8.575231E-02	1.236957E-03	1.115952E-01	0.0	0.0	0.0
125065	G	8.281791E-02	1.411136E-03	1.218011E-01	0.0	0.0	0.0
125067	G	7.520574E-02	1.773073E-03	1.225578E-01	0.0	0.0	0.0
125383	G	1.592320E-01	1.925869E-02	1.172069E-01	0.0	0.0	0.0
125387	G	1.526509E-01	1.925869E-02	1.192051E-01	0.0	0.0	0.0
126863	G	9.648142E-02	-6.750070E-03	8.626825E-02	0.0	0.0	0.0
126867	G	8.777088E-02	-6.951768E-03	9.292156E-02	0.0	0.0	0.0
127200	G	1.587965E-01	1.426999E-02	1.082096E-01	-8.516981E-05	5.133196E-04	-2.804981E-04
189073	G	-2.241411E-01	-2.940366E-03	-1.467920E-01	1.754792E-03	-2.956818E-02	1.365648E-04
189077	G	-2.247611E-01	-2.940366E-03	-1.913520E-01	1.754792E-03	-2.956818E-02	1.365648E-04
200070	G	-2.619728E-03	-1.717728E-02	1.278194E-01	1.754792E-03	-2.956818E-02	1.365649E-04
200078	G	-2.264511E-01	-1.566505E-03	1.278194E-01	1.754792E-03	-2.956818E-02	1.365649E-04
200079	G	-2.703028E-01	-9.166239E-03	1.279893E-01	1.758214E-03	-2.960736E-02	1.365648E-04
200086	G	-5.258693E-01	-1.902132E-02	1.284026E-01	1.981619E-03	-3.411847E-02	1.365648E-04
200087	G	-4.856133E-01	-1.686679E-02	1.284026E-01	1.768891E-03	-3.005517E-02	1.365648E-04
200095	G	-7.941701E-01	-3.468868E-02	1.289048F-01	1.557155E-03	-2.611542E-02	1.365648E-04
200096	G	-7.698313E-01	-3.236255E-02	1.289048E-01	1.771103E-03	-3.026580E-02	1.365648E-04
200101	G	-9.218556E-01	-4.240959E-02	1.292305E-01	1.146025E-03	-1.868191E-02	1.365648E-04

200106	G	-1.0000000E 00	-4.729506E-02	1.298418E-01	6.782119E-04	-1.036724E-02	1.365648E-04
200114	G	-1.027672E 00	-4.973933E-02	1.307602E-01	-6.437645E-05	3.433682E-03	1.365648E-04
200121	G	-9.615970E-01	-4.705476E-02	1.315637E-01	-7.005283E-04	1.543304E-02	1.365648E-04
200129	G	-7.878784E-01	-3.880564E-02	1.324821E-01	-1.332477E-03	2.744197E-02	1.365648E-04
200137	G	-5.313991E-01	-2.620352E-02	1.324821E-01	-1.788780E-03	3.612324E-02	1.365648E-04
200145	G	-2.190930E-01	-1.066875E-02	1.324821E-01	-2.063737E-03	4.135959E-02	1.365648E-04
200153	G	1.105273E-01	5.801104E-03	1.324821E-01	-2.151733E-03	4.303540E-02	1.365648E-04
200155	G	2.056352E-01	1.055641E-02	1.324821E-01	-2.151733E-03	4.303540E-02	1.365648E-04
211001	G	-3.634216E-01	2.835073E-01	-7.525313E-02	-2.311561E-03	-4.690862E-04	-7.084932E-03
211002	G	-4.580120E-01	-9.929621E-02	1.756805E-01	-2.733835E-03	6.071933E-03	1.536428E-03
211073	G	-2.281411E-01	3.403491E-05	4.960741E-01	1.754792E-03	-2.956818E-02	1.365648E-04
211077	G	-2.247611E-01	3.403491E-05	4.526430E-01	1.754792E-03	-2.956818E-02	1.365648E-04
214075	G	-2.264511E-01	4.136849E-04	5.565581E-01	1.754792E-03	-2.956818E-02	1.365648E-04
214901	G	-3.634216E-01	4.148465E-03	-5.675710E-02	-2.311561E-03	-4.690862E-04	-7.084932E-03
214902	G	-4.580120E-01	-3.871488E-02	-6.373584E-02	-2.733835E-03	6.071933E-03	1.536428E-03
215101	G	-1.037153E-01	-1.362405E-03	-8.487189E-02	-5.399729E-04	1.477715E-02	-9.388633E-03
215102	G	-1.199620E-01	-2.634927E-03	-8.337373E-02	7.488823E-04	1.931243E-02	8.623629E-03
215201	G	8.773983E-02	-2.777725E-03	-1.071708E-01	-8.382355E-04	1.770137E-02	-5.070604E-03
215202	G	8.502972E-02	-2.676468E-03	-1.127874E-01	8.175496E-04	1.972028E-02	5.291183E-03
222001	G	-3.625203E-01	-2.850736E-01	3.969907E-01	-1.475033E-02	1.862866E-03	-5.943656E-03
222002	G	-4.566283E-01	-1.955468E-01	-3.587555E-02	-8.253288E-03	7.656313E-03	2.329131E-03
222201	G	-1.028699E-01	-3.843803E-02	2.196038E-01	-1.084433E-02	1.516132E-02	-7.404406E-03
222202	G	-1.162760E-01	-3.201403E-02	1.921003E-02	-6.685439E-03	1.889659E-02	7.935032E-03
222301	G	7.815284E-02	-5.206186E-03	9.475053E-02	-3.280984E-03	1.779281E-02	-4.386034E-03
222302	G	8.493477E-02	-4.614476E-03	7.952619E-02	-1.803044E-03	1.942496E-02	4.328217E-03
223401	G	-3.625203E-01	-3.715538E-01	3.698860E-01	-1.475033E-02	1.862866E-03	-5.943656E-03
223402	G	-4.566283E-01	-1.616579E-01	-1.472750E-01	-8.253288E-03	7.656313E-03	2.329131E-03
520018	G	-2.788820E-01	-3.180309E-02	-3.746983E-03	2.494228E-02	-6.933436E-03	2.789633E-02
520024	G	-2.961789E-01	-3.180309E-02	1.171722E-02	2.494224E-02	-6.933436E-03	2.790214E-02
520057	G	-3.897036E-01	-3.180404E-02	9.439492E-02	2.613970E-02	-6.933436E-03	3.032167E-02
520065	G	-4.133646E-01	-3.180425E-02	1.145688E-01	2.698231E-02	-6.933436E-03	3.201112E-02
520068	G	-4.253696E-01	-3.180435E-02	1.246323E-01	2.742231E-02	-6.933436E-03	3.289515E-02
520079	G	-4.622501E-01	-3.180647E-02	1.549227E-01	2.863960E-02	-6.933436E-03	3.533714E-02
520135	G	-6.967376E-01	-3.182153E-02	3.332987E-01	3.416167E-02	-6.933436E-03	4.634919E-02
520139	G	-7.158087E-01	-3.182293E-02	3.473399E-01	3.432176E-02	-6.933436E-03	4.666576E-02
520152	G	-7.772810E-01	-3.182738E-02	3.924809E-01	3.452732E-02	-6.933436E-03	4.754279E-02
520185	G	-9.324772E-01	-3.182738E-02	5.063517E-01	3.452732E-02	-6.933436E-03	4.754279E-02

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.556380E 04

REAL EIGENVECTOR NO. 23

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	2.554856E-03	2.131926E-02	8.051246E-03	0.0	0.0	0.0
3339	G	-3.192404E-05	2.133114E-02	5.949959E-03	0.0	0.0	0.0
3341	G	2.429717E-03	2.297020E-02	7.599337E-03	0.0	0.0	0.0
3349	G	1.472135E-03	2.293957E-02	6.382983E-03	0.0	0.0	0.0
4631	G	4.251357E-03	1.788990E-02	7.585917E-03	0.0	0.0	0.0
4633	G	3.318501E-03	1.846132E-02	7.194128E-03	0.0	0.0	0.0
4637	G	-1.471616E-03	1.844505E-02	4.159816E-03	0.0	0.0	0.0
4639	G	-1.736060E-03	1.788900E-02	3.766061E-03	0.0	0.0	0.0
4641	G	4.912317E-03	1.671231E-02	7.733982E-03	0.0	0.0	0.0
4649	G	-1.046880E-03	1.573080E-02	3.629462E-03	0.0	0.0	0.0
4661	G	4.570011E-03	1.535708E-02	7.300194E-03	0.0	0.0	0.0
4669	G	1.006034E-03	1.540748E-02	4.072132E-03	0.0	0.0	0.0
6123	G	3.218768E-03	1.533049E-02	6.398322E-03	0.0	0.0	0.0
6127	G	-2.473850E-03	1.535057E-02	1.620681E-03	0.0	0.0	0.0
6131	G	4.595917E-03	1.416026E-02	7.184517E-03	0.0	0.0	0.0
6133	G	3.553147E-03	1.415893E-02	6.404627E-03	0.0	0.0	0.0
6137	G	-1.630418E-03	1.418125E-02	1.601227E-03	0.0	0.0	0.0
6139	G	-2.694623E-03	1.418949E-02	8.756926E-04	0.0	0.0	0.0
6141	G	5.374424E-03	1.245710E-02	7.766223E-03	0.0	0.0	0.0
6143	G	3.917538E-03	1.245835E-02	5.410587E-03	0.0	0.0	0.0
6147	G	-5.494214E-04	1.270256E-02	1.547899E-03	0.0	0.0	0.0
6149	G	-2.010200E-03	1.270152E-02	8.061293E-04	0.0	0.0	0.0
6161	G	5.827878E-03	1.142235E-02	7.269409E-03	0.0	0.0	0.0
6163	G	4.160989E-03	1.142488E-02	6.519705E-03	0.0	0.0	0.0
6167	G	1.821430E-04	1.177403E-02	1.512930E-03	0.0	0.0	0.0
6169	G	-1.430125E-03	1.176709E-02	7.653872E-04	0.0	0.0	0.0
6171	G	4.733156E-03	1.380943E-02	7.185195E-03	0.0	0.0	0.0
6179	G	1.716378E-03	1.299253E-02	2.576750E-03	0.0	0.0	0.0
7031	G	4.861176E-03	1.162778E-02	0.0	0.0	0.0	0.0
7033	G	3.514943E-03	[illegible]	6.086621E-03	0.0	0.0	0.0
7037	G	-1.585470E-03	[illegible]	2.089205E-04	0.0	0.0	0.0
7039	G	-2.929871E-03	[illegible]	0.0	0.0	0.0	0.0
7043	G	3.947798E-03	[illegible]	6.003849E-03	0.0	0.0	0.0
7047	G	-5.247456E-04	[illegible]	2.576481E-04	0.0	0.0	0.0
7061	G	6.077386E-03	[illegible]	5.528625E-03	0.0	0.0	0.0
7063	G	4.286762E-03	[illegible]	5.978175E-03	0.0	0.0	0.0
7067	G	2.165757E-04	8.515764E-03	2.701490E-04	0.0	0.0	0.0
7069	G	-1.694823E-03	8.503839E-03	-3.797566E-04	0.0	0.0	0.0
7071	G	7.657450E-03	0.0	3.748063E-03	0.0	0.0	0.0
7079	G	-2.076857E-03	0.0	4.823052E-04	0.0	0.0	0.0
7505	G	-5.865935E-04	1.482798E-02	2.660654E-03	2.938849E-04	1.034220E-04	-2.553206E-04
8300	G	3.829662E-03	1.817839E-03	1.820609E-03	0.0	0.0	0.0
8531	G	5.404804E-03	7.898657E-03	0.0	0.0	0.0	0.0
8533	G	3.514943E-03	7.930696E-03	4.590105E-03	0.0	0.0	0.0
8537	G	-1.585470E-03	7.930696E-03	-1.287596E-03	0.0	0.0	0.0
8539	G	-3.330091E-03	7.901207E-03	0.0	0.0	0.0	0.0
8543	G	3.955728E-03	0.0	4.573468E-03	0.0	0.0	0.0
8547	G	-5.021933E-04	0.0	-1.275635E-03	0.0	0.0	0.0
8561	G	6.216485E-03	2.958823E-03	5.184997E-03	0.0	0.0	0.0
8563	G	4.371382E-03	2.969107E-03	4.568946E-03	0.0	0.0	0.0
8567	G	1.781678E-04	3.242788E-03	-1.274998E-03	0.0	0.0	0.0
8569	G	-1.978452E-03	3.242786E-03	-2.547313E-03	0.0	0.0	0.0
8571	G	7.167269E-03	0.0	3.763746E-03	0.0	0.0	0.0
8579	G	-2.014905E-03	0.0	-2.034411E-03	0.0	0.0	0.0
9303	G	5.596995E-03	1.099380E-02	3.349773E-03	0.0	0.0	0.0
9307	G	-2.537495E-04	1.099095E-02	-1.844203E-03	0.0	0.0	0.0

9313	G	6.222904E-03	9.793565E-03	3.360750E-03	0.0	0.0	0.0
9317	G	2.947960E-05	9.779405E-03	-1.856354E-03	0.0	0.0	0.0
9331	G	5.742460E-03	5.537406E-03	5.621284E-03	0.0	0.0	0.0
9333	G	3.467961E-03	5.557440E-03	3.280928E-03	0.0	0.0	0.0
9337	G	-1.453121E-03	5.683549E-03	-1.893289E-03	0.0	0.0	0.0
9339	G	-3.525113E-03	5.700622E-03	-3.698258E-03	0.0	0.0	0.0
9341	G	0.0	1.699582E-03	6.949216E-03	0.0	0.0	0.0
9343	G	3.917605E-03	1.622016E-03	3.154715E-03	0.0	0.0	0.0
9347	G	-4.772053E-04	1.472477E-03	-2.146228E-03	0.0	0.0	0.0
9349	G	0.0	1.453828E-03	-4.580099E-03	0.0	0.0	0.0
9361	G	6.036051E-03	-6.431639E-04	5.351052E-03	0.0	0.0	0.0
9363	G	4.237786E-03	-6.400307E-04	3.089284E-03	0.0	0.0	0.0
9367	G	1.851886E-04	-6.667909E-04	-2.323756E-03	0.0	0.0	0.0
9369	G	-2.007905E-03	-6.645604E-04	-4.168242E-03	0.0	0.0	0.0
9371	G	6.063692E-03	-2.574224E-03	5.248345E-03	0.0	0.0	0.0
9373	G	0.0	-2.567998E-03	4.087873E-03	0.0	0.0	0.0
9377	G	0.0	-2.515018E-03	-2.191494E-03	0.0	0.0	0.0
9379	G	-1.353848E-03	-2.502245E-03	-4.281368E-03	0.0	0.0	0.0
11300	G	6.466296E-03	4.390473E-04	3.560351E-03	0.0	0.0	0.0
11503	G	5.730577E-03	2.920378E-03	0.0	0.0	0.0	0.0
11507	G	3.704375E-04	2.920378E-03	0.0	0.0	0.0	0.0
11531	G	5.593713E-03	-6.343077E-04	0.0	0.0	0.0	0.0
11533	G	3.491231E-03	-6.327888E-04	1.186674E-03	0.0	0.0	0.0
11537	G	-8.283653E-04	-5.872499E-04	-3.323475E-03	0.0	0.0	0.0
11539	G	-2.892312E-03	-5.723543E-04	0.0	0.0	0.0	0.0
11543	G	3.740128E-03	-3.375341E-03	1.181144E-03	0.0	0.0	0.0
11547	G	-3.583504E-04	-3.375341E-03	-3.326103E-03	0.0	0.0	0.0
11561	G	5.144838E-03	-5.914986E-03	3.510994E-03	0.0	0.0	0.0
11563	G	3.847712E-03	-5.928922E-03	1.174432E-03	0.0	0.0	0.0
11567	G	1.965227E-04	-5.951516E-03	-3.322504E-03	0.0	0.0	0.0
11569	G	-1.439402E-03	-5.937632E-03	-5.186450E-03	0.0	0.0	0.0
11571	G	6.147750E-03	0.0	2.660305E-03	0.0	0.0	0.0
11579	G	-2.025053E-03	0.0	-5.009118E-03	0.0	0.0	0.0
11700	G	1.617161E-03	6.667618E-05	-3.443134E-03	0.0	0.0	0.0
13500	G	3.515878E-04	-1.389782E-02	-2.342508E-03	0.0	0.0	0.0
13801	G	5.636554E-03	-3.143100E-03	9.493064E-04	0.0	0.0	0.0
13803	G	5.036894E-03	-2.914868E-03	-1.124665E-04	0.0	0.0	0.0
13807	G	9.091345E-04	-2.917091E-03	-3.649127E-03	0.0	0.0	0.0
13809	G	1.395074E-04	-3.122501E-03	-4.704773E-03	0.0	0.0	0.0
13821	G	5.248558E-03	-4.692316E-03	1.324249E-03	0.0	0.0	0.0
13823	G	4.206624E-03	-4.683394E-03	-8.787142E-05	0.0	0.0	0.0
13827	G	7.038985E-04	-4.620172E-03	-3.629655E-03	0.0	0.0	0.0
13829	G	-2.489220E-04	-4.620597E-03	-5.085722E-03	0.0	0.0	0.0
13831	G	5.478490E-03	-6.452244E-03	1.490898E-03	0.0	0.0	0.0
13833	G	3.587870E-03	-6.447081E-03	2.546176E-05	0.0	0.0	0.0
13837	G	-6.820826E-05	-6.439846E-03	-3.587722E-03	0.0	0.0	0.0
13839	G	-2.227569E-03	-6.447405E-03	-5.295899E-03	0.0	0.0	0.0
13841	G	0.0	-8.419421E-03	1.790521E-03	0.0	0.0	0.0
13843	G	3.375271E-03	-8.371048E-03	6.940767E-05	0.0	0.0	0.0
13847	G	8.341704E-05	-6.389719E-03	-3.536603E-03	0.0	0.0	0.0
13848	G	1.020790E-04	-7.832490E-03	-3.422025E-03	0.0	0.0	0.0
13849	G	0.0	-7.862038E-03	-4.338857E-03	0.0	0.0	0.0
13861	G	3.717852E-03	-1.035449E-02	1.864227E-03	0.0	0.0	0.0
13863	G	2.960830E-03	-1.035094E-02	7.808152E-05	0.0	0.0	0.0
13867	G	3.496665E-04	-9.249795E-03	-3.313809E-03	0.0	0.0	0.0
13869	G	-8.306759E-04	-9.252053E-03	-5.065441E-03	0.0	0.0	0.0
13871	G	3.775675E-03	0.0	2.189280E-03	0.0	0.0	0.0
13879	G	-2.713417E-03	0.0	-4.751166E-03	0.0	0.0	0.0
14801	G	5.636554E-03	-4.943982E-03	1.494137E-03	0.0	0.0	0.0
14803	G	4.761830E-03	-4.786741E-03	3.068589E-04	0.0	0.0	0.0
14807	G	1.076758E-03	-4.775677E-03	-3.136361E-03	0.0	0.0	0.0
14809	G	1.395074E-04	-4.935674E-03	-4.330993E-03	0.0	0.0	0.0
14821	G	5.155336E-03	-6.466243E-03	1.876341E-03	0.0	0.0	0.0
14823	G	4.185472E-03	-6.437298E-03	3.068589E-04	0.0	0.0	0.0
14827	G	7.617520E-04	-6.439917E-03	-3.136361E-03	0.0	0.0	0.0
14829	G	-1.623061E-04	-6.475262E-03	-4.719689E-03	0.0	0.0	0.0

14831	G	3.446620E-03	-8.818496E-03	1.922673E-03	0.0	0.0	0.0
14833	G	3.585044E-03	-8.611572E-03	1.706277E-04	0.0	0.0	0.0
14837	G	1.866017E-04	-8.688960E-03	-3.225261E-03	0.0	0.0	0.0
14839	G	-2.118015E-03	-8.710851E-03	-4.762996E-03	0.0	0.0	0.0
14841	G	0.0	-1.033965E-02	1.881418E-03	0.0	0.0	0.0
14843	G	3.231321E-03	-1.034333E-02	4.319244E-04	0.0	0.0	0.0
14847	G	2.341291E-04	-1.035929E-02	-3.334316E-03	0.0	0.0	0.0
14849	G	0.0	-1.035530E-02	-4.713714E-03	0.0	0.0	0.0
14861	G	3.037393E-03	-1.186493E-02	1.803703E-03	0.0	0.0	0.0
14863	G	2.576242E-03	-1.193731E-02	4.366473E-04	0.0	0.0	0.0
14867	G	5.023156E-04	-1.180733E-02	-3.349994E-03	0.0	0.0	0.0
14869	G	-1.182504E-04	-1.174682E-02	-4.643130E-03	0.0	0.0	0.0
14881	G	2.659862E-03	-1.412075E-02	2.309509E-03	0.0	0.0	0.0
14883	G	8.191764E-04	-1.414630E-02	9.149818E-04	0.0	0.0	0.0
14887	G	-5.707421E-05	-1.419296E-02	-3.118247E-03	0.0	0.0	0.0
14889	G	-7.540905E-04	-1.417909E-02	-4.393358E-03	0.0	0.0	0.0
15212	G	5.042665E-03	-5.960476E-03	1.204693E-03	1.843089E-04	-6.425387E-05	-1.415256E-04
15218	G	4.731375E-04	-5.944218E-03	-3.647015E-03	1.855340E-04	-3.511772E-05	-1.389537E-04
15601	G	4.745245E-03	-6.287806E-03	1.945433E-03	0.0	0.0	0.0
15603	G	4.761826E-03	-5.906444E-03	8.151066E-04	0.0	0.0	0.0
15607	G	1.076758E-03	-5.874774E-03	-2.858579E-03	0.0	0.0	0.0
15609	G	7.438869E-04	-6.254409E-03	-4.091129E-03	0.0	0.0	0.0
15621	G	5.012415E-03	-7.507976E-03	2.156422E-03	0.0	0.0	0.0
15623	G	4.421867E-03	-7.557005E-03	1.122402E-03	0.0	0.0	0.0
15625	G	2.500070E-03	-7.549737E-03	-1.018303E-03	0.0	0.0	0.0
15627	G	5.297046E-04	-7.539019E-03	-3.168421E-03	0.0	0.0	0.0
15629	G	-1.506521E-05	-7.492930E-03	-4.313968E-03	0.0	0.0	0.0
15633	G	1.711517E-03	0.0	1.040451E-03	0.0	0.0	0.0
15637	G	2.179231E-03	0.0	-3.190906E-04	0.0	0.0	0.0
16481	G	2.161567E-03	-1.429827E-02	2.301735E-03	0.0	0.0	0.0
16483	G	1.256739E-03	-1.429193E-02	0.0	0.0	0.0	0.0
16485	G	2.925827E-04	-1.426929E-02	0.0	0.0	0.0	0.0
16487	G	-5.419925E-04	-1.436397E-02	0.0	0.0	0.0	0.0
16489	G	-7.400746E-04	-1.438553E-02	-3.854009E-03	0.0	0.0	0.0
17100	G	2.113698E-03	-1.485346E-02	-8.625288E-04	0.0	0.0	0.0
18601	G	4.203399E-03	-7.917423E-03	2.287100E-03	0.0	0.0	0.0
18603	G	4.021697E-03	-7.815659E-03	1.510242E-03	0.0	0.0	0.0
18607	G	1.896039E-03	-7.607277E-03	-1.564870E-03	0.0	0.0	0.0
18609	G	1.438451E-03	-7.973798E-03	-2.584662E-03	0.0	0.0	0.0
18621	G	3.674673E-03	-1.362749E-02	2.795477E-03	0.0	0.0	0.0
18623	G	3.292793E-03	-1.361420E-02	1.469758E-03	0.0	0.0	0.0
18625	G	2.567799E-03	-1.363227E-02	7.680356E-06	0.0	0.0	0.0
18627	G	1.775347E-03	-1.365867E-02	-1.545637E-03	0.0	0.0	0.0
18629	G	1.184634E-03	-1.369776E-02	-3.130278E-03	0.0	0.0	0.0
19531	G	3.521656E-03	-1.395814E-02	2.357793E-03	0.0	0.0	0.0
18633	G	0.0	-1.390824E-02	1.443218E-03	0.0	0.0	0.0
18635	G	0.0	-1.377840E-02	8.225480E-05	0.0	0.0	0.0
18637	G	0.0	-1.379211E-02	-1.359833E-03	0.0	0.0	0.0
18639	G	5.779364E-04	-1.374756E-02	-2.402443E-03	0.0	0.0	0.0
18641	G	1.119864E-03	-1.732359E-02	1.700117E-03	-1.989558E-04	2.307856E-05	3.257226E-04
18642	G	1.668363E-03	-1.720535E-02	1.423880E-03	-2.794730E-05	-1.242946E-04	2.246321E-04
18643	G	2.372724E-03	-1.705657E-02	1.965495E-03	0.0	-2.712621E-04	1.834377E-04
18644	G	2.736861E-03	-1.665273E-02	1.102793E-03	0.0	0.0	-4.916881E-05
18645	G	2.146824E-03	-1.647282E-02	2.327755E-04	0.0	0.0	-1.363414E-04
18646	G	1.369965E-03	-1.644816E-02	-6.479516E-04	0.0	0.0	-1.137014E-04
18647	G	1.067507E-03	-1.659879E-02	-1.561009E-03	0.0	7.322872E-05	4.551177E-05
18648	G	1.273686E-03	-1.667330E-02	-1.525461E-03	-1.124848E-06	5.109675E-05	7.420816E-05
18649	G	1.487363E-03	-1.673569E-02	-1.483950E-03	-1.085340E-04	2.890365E-05	1.411576E-04
18651	G	1.182352E-03	-1.699943E-02	1.569781E-03	-1.731279E-04	3.441132E-05	2.442102E-04
18652	G	1.626465E-03	-1.693764E-02	1.780129E-03	-7.096265E-05	-5.280234E-05	2.040616E-04
18653	G	1.300534E-03	-1.653320E-02	-1.478887E-03	-2.891354E-05	-2.953298E-05	1.058389E-04
18654	G	1.538046E-03	-1.656547E-02	-1.388404E-03	-8.312018E-05	1.199866E-05	1.340303E-04
18656	G	1.385666E-03	-1.542007E-02	1.469857E-03	-2.543114E-04	4.731280E-05	-1.230857E-04
18657	G	1.115372E-03	-1.543567E-02	1.699613E-03	-5.951560E-05	-1.209455E-04	-1.474252E-04
18658	G	1.278172E-03	-1.564128E-02	-1.415563E-03	-3.012524E-05	2.346060E-05	9.402960E-05
18659	G	1.444764E-03	-1.563904E-02	-1.290834E-03	-1.556959E-04	-2.267440E-05	1.248587E-04

18661	G	1.475292E-03	-1.491181E-02	1.463977E-03	-2.331694E-04	1.265803E-04	-3.221023E-04
18662	G	9.287000E-04	-1.499838E-02	1.666403E-03	-6.743449E-05	8.450240E-05	-2.275024E-04
18663	G	2.056457E-04	-1.511594E-02	1.942734E-03	-6.198905E-05	4.254039E-05	-1.912438E-04
18664	G	-4.469755E-04	-1.534316E-02	1.121546E-03	0.0	0.0	-1.992335E-05
18665	G	-2.180061E-04	-1.545289E-02	2.558227E-04	0.0	0.0	8.666505E-05
18666	G	4.135966E-04	-1.547977E-02	-6.504229E-04	0.0	0.0	1.191555E-04
18667	G	1.099102E-03	-1.541721E-02	-1.578364E-03	-8.003082E-05	-1.652328E-04	7.609383E-05
18668	G	1.339522E-03	-1.535571E-02	-1.382593E-03	-5.005757E-05	-1.410833E-04	6.091522E-05
18669	G	1.421364E-03	-1.531176E-02	-1.255625E-03	-1.237975E-04	-1.168670E-04	1.964110E-05
18681	G	1.780327E-03	-1.435983E-02	1.482348E-03	0.0	0.0	0.0
18683	G	8.801487E-04	-1.437393E-02	1.790862E-03	-6.198905E-05	7.593285E-05	-7.590481E-05
18685	G	1.652585E-04	-1.479717E-02	1.866478E-04	0.0	0.0	0.0
18687	G	-9.984972E-04	-1.445924E-02	-1.480519E-03	-8.003082E-05	-1.899216E-04	-7.590481E-05
18689	G	-7.968133E-04	-1.445635E-02	-1.175827E-03	0.0	0.0	0.0
18983	G	7.815408E-04	-1.446039E-02	9.779385E-04	0.0	2.109337E-04	-1.488331E-05
18987	G	-1.151655E-03	-1.455455E-02	-4.174488E-04	0.0	-2.568129E-04	-1.977163E-05
19741	G	2.111877E-03	-1.746024E-02	2.754725E-03	-1.021957E-04	-6.063576E-05	1.272809E-04
19742	G	2.996431E-03	-1.686861E-02	2.254642E-03	1.546399E-04	-2.337442E-04	8.270380E-05
19743	G	3.115236E-03	-1.673591E-02	1.933967E-03	0.0	-2.327442E-04	2.844262E-05
19745	G	2.783806E-03	-1.642469E-02	1.488552E-03	0.0	0.0	-9.243021E-05
19747	G	1.963300E-03	-1.636225E-02	2.027096E-05	0.0	-2.796818E-05	-9.506111E-05
19748	G	1.776792E-03	-1.639478E-02	-4.790130E-04	2.164093E-04	1.258881E-05	-7.546191E-05
19749	G	1.259969E-03	-1.676669E-02	-1.732930E-03	6.752106E-05	3.811534E-05	-6.152444E-05
19751	G	1.529396E-03	-1.548081E-02	2.772080E-03	-1.971890E-04	-1.362552E-04	-7.615901E-05
19752	G	1.346110E-03	-1.606662E-02	2.209851E-03	1.747972E-04	-1.863206E-04	2.086161E-06
19758	G	1.771932E-03	-1.632225E-02	-4.569066E-04	2.086897E-04	-2.479910E-05	-3.843353E-06
19759	G	1.634890E-03	-1.598370E-02	-1.729653E-03	2.071596E-05	8.752095E-05	-4.606593E-05
19761	G	1.151107E-03	-1.607221E-02	2.785971E-03	1.421357E-04	-1.616196E-04	-3.283909E-05
19762	G	9.148503E-04	-1.630545E-02	2.184935E-03	6.700517E-05	-1.712990E-04	-2.728641E-05
19763	G	8.876901E-04	-1.641719E-02	1.963477E-03	0.0	-2.111768E-04	1.219094E-06
19765	G	1.169523E-03	-1.668668E-02	1.168781E-03	0.0	0.0	5.796333E-05
19767	G	1.615948E-03	-1.672021E-02	-3.306649E-05	0.0	-3.796852E-05	4.278292E-05
19768	G	1.691814E-03	-1.668473E-02	-4.438914E-04	1.652418E-04	-3.503417E-05	2.832401E-05
19769	G	1.876063E-03	-1.660034E-02	-1.736832E-03	2.010136E-04	1.024638E-04	2.285835E-05
21183	G	4.190749E-04	-2.148627E-02	7.494051E-03	0.0	-3.566409E-04	-7.291627E-04
21187	G	-1.481737E-03	-2.187646E-02	-4.540555E-03	0.0	1.328111E-04	-7.449163E-04
21321	G	4.558243E-03	-9.997878E-03	1.350166E-02	0.0	0.0	0.0
21323	G	3.668545E-03	-1.003965E-02	8.133464E-03	0.0	0.0	0.0
21325	G	2.685766E-03	-1.005316E-02	1.593912E-03	0.0	0.0	0.0
21327	G	1.756153E-03	-9.952731E-03	-5.110841E-03	0.0	0.0	0.0
21329	G	1.205650E-03	-9.841245E-03	-1.088895E-02	0.0	0.0	0.0
21341	G	2.421829E-03	-1.609548E-02	1.173716E-02	3.942295E-04	-1.909683E-04	8.675757E-05
21343	G	2.936691E-03	-1.613062E-02	9.478846E-03	0.0	-1.851950E-04	9.583072E-05
21345	G	3.940195E-03	-1.610699E-02	1.718062E-03	0.0	-8.125942E-05	4.044794E-05
21347	G	3.164100E-03	-1.603543E-02	-5.177143E-03	0.0	2.267612E-05	-2.007701E-04
21349	G	1.927896E-03	-1.598285E-02	-8.811846E-03	5.070441E-04	2.844946E-05	-2.431412E-04
21361	G	9.635349E-04	-2.113727E-02	1.137871E-02	0.0	0.0	0.0
21363	G	1.163143E-03	-2.108545E-02	8.297771E-03	1.528948E-04	-3.685248E-05	0.0
21364	G	1.873840E-03	-2.109576E-02	5.213108E-03	0.0	0.0	0.0
21366	G	1.825240E-03	-2.114696E-02	-1.770647E-03	0.0	0.0	0.0
21367	G	1.950384E-03	-2.114640E-02	-4.960656E-03	1.326692E-04	-3.000516E-04	0.0
21369	G	2.216501E-03	-2.120208E-02	-8.565268E-03	0.0	0.0	0.0
21383	G	4.010918E-04	-2.318398E-02	8.072119E-03	1.950524E-04	-1.081688E-04	-7.843545E-04
21387	G	-1.459995E-03	-2.360707E-02	-4.536711E-03	3.218367E-04	-2.138289E-04	-7.977493E-04
21485	G	0.0	-2.512998E-04	2.961582E-03	6.682153E-04	0.0	0.0
21801	G	6.011561E-03	-7.291503E-03	1.537380E-02	0.0	0.0	0.0
21803	G	4.941147E-03	-5.300138E-03	1.138813E-02	0.0	0.0	0.0
21807	G	1.038745E-03	-5.307123E-03	-8.384440E-03	0.0	0.0	0.0
21809	G	-2.602529E-06	-7.303938E-03	-1.248281E-02	0.0	0.0	0.0
21821	G	4.637476E-03	-1.042933E-02	1.547610E-02	0.0	0.0	0.0
21823	G	3.664849E-03	-1.116117E-02	1.311949E-02	0.0	0.0	0.0
21825	G	2.706007E-03	-1.139468E-02	1.498832E-03	0.0	0.0	0.0
21827	G	1.779956E-03	-1.114558E-02	-1.020549E-02	0.0	0.0	0.0
21829	G	1.017684E-03	-1.039902E-02	-1.243114E-02	0.0	0.0	0.0
22312	G	5.218562E-03	-9.059798E-03	1.641965E-02	0.0	0.0	0.0
22318	G	6.100759E-04	-9.072911E-03	-1.317082E-02	0.0	0.0	0.0

22701	G	5.255591E-03	-8.197114E-03	1.693442E-02	0.0	0.0	0.0
22703	G	4.831165E-03	-5.841296E-03	1.143589E-02	0.0	0.0	0.0
22707	G	1.082770E-03	-2.790483E-03	-7.899612E-03	0.0	0.0	0.0
22709	G	7.427940E-04	-8.191854E-03	-1.334416E-02	0.0	0.0	0.0
22721	G	4.852746E-03	-1.255265E-02	1.793358E-02	0.0	0.0	0.0
22723	G	3.873584E-03	-1.303763E-02	1.444165E-02	0.0	0.0	0.0
22725	G	2.670360E-03	-1.304388E-02	1.785612E-03	0.0	0.0	0.0
22727	G	1.565393E-03	-1.295125E-02	-1.089162E-02	0.0	0.0	0.0
22729	G	6.768412E-04	-1.247604E-02	-1.429586E-02	0.0	0.0	0.0
23100	G	2.377690E-03	-2.405765E-02	2.685431E-03	0.0	0.0	0.0
25001	G	2.866395E-03	-1.089860E-02	7.091478E-03	0.0	0.0	0.0
25003	G	3.038665E-03	-9.962309E-03	5.008653E-03	0.0	0.0	0.0
25007	G	2.867917E-03	-1.046614E-02	-7.155351E-04	0.0	0.0	0.0
25009	G	2.820858E-03	-1.118798E-02	-2.034497E-03	0.0	0.0	0.0
25021	G	2.957697E-03	-1.424889E-02	9.057250E-03	0.0	0.0	0.0
25025	G	2.487012E-03	-1.414779E-02	3.985325E-04	0.0	0.0	0.0
25029	G	2.234663E-03	-1.438706E-02	-3.160554E-03	0.0	0.0	0.0
25041	G	2.789569E-03	-1.588124E-02	8.748326E-03	0.0	0.0	0.0
25045	G	0.0	-1.700387E-02	-2.653156E-03	0.0	0.0	0.0
25049	G	1.840872E-03	-1.784712E-02	-2.312457E-03	0.0	0.0	0.0
25061	G	2.797761E-03	-1.887083E-02	8.717731E-03	0.0	0.0	0.0
25065	G	1.335857E-03	-1.658947E-02	-7.024236E-03	0.0	0.0	0.0
25069	G	1.493161E-03	-1.865925E-02	-1.474877E-03	0.0	0.0	0.0
26801	G	2.656305E-03	-1.139536E-02	5.836662E-03	0.0	0.0	0.0
26809	G	2.558421E-03	-1.135461E-02	2.103282E-03	0.0	0.0	0.0
26821	G	2.352656E-03	-1.383017E-02	7.812776E-03	0.0	0.0	0.0
26825	G	2.253509E-03	-1.385499E-02	3.672229E-03	0.0	0.0	0.0
26829	G	2.211836E-03	-1.379559E-02	-6.400789E-04	0.0	0.0	0.0
26841	G	2.567700E-03	-1.783125E-02	7.725496E-03	0.0	0.0	0.0
26845	G	0.0	-1.782360E-02	3.828666E-03	0.0	0.0	0.0
26849	G	1.904548E-03	-1.772731E-02	-3.893417E-04	0.0	0.0	0.0
26861	G	3.155150E-03	-2.070097E-02	7.561553E-03	0.0	0.0	0.0
26865	G	1.956020E-03	-2.070416E-02	4.033209E-03	0.0	0.0	0.0
26869	G	1.338522E-03	-2.068258E-02	3.297522E-05	0.0	0.0	0.0
29905	G	1.882797E-03	-1.306390E-02	2.090187E-03	0.0	0.0	0.0
29921	G	1.154572E-03	-1.437709E-02	5.653374E-03	0.0	0.0	0.0
29925	G	1.959666E-03	-1.435488E-02	2.103946E-03	0.0	0.0	0.0
29941	G	2.371056E-03	-1.839218E-02	6.435510E-03	0.0	0.0	0.0
29945	G	0.0	-1.838404E-02	1.993845E-03	0.0	0.0	0.0
29949	G	2.056407E-03	-1.838487E-02	-2.113622E-03	0.0	0.0	0.0
29961	G	2.518039E-03	-2.242791E-02	5.849268E-03	0.0	0.0	0.0
29965	G	2.447893E-03	-2.238911E-02	2.151228E-03	0.0	0.0	0.0
29969	G	3.400491E-03	-2.242791E-02	-1.471470E-03	0.0	0.0	0.0
30045	G	2.281409E-03	-1.846230E-02	2.144257E-03	2.978330E-04	5.131381E-05	3.590123E-05
31745	G	2.346319E-03	-1.752352E-02	8.612811E-04	3.142273E-04	8.861865E-05	1.049725E-04
33845	G	2.467722E-03	-1.488278E-02	-1.346145E-03	3.422843E-04	1.205646E-04	1.876205E-04
35945	G	2.625746E-03	-1.333745E-02	-4.179779E-03	3.785107E-04	1.478171E-04	2.889333E-04
38045	G	2.813047E-03	-3.736440E-03	-7.489741E-03	4.280375E-04	1.956263E-04	3.886826E-04
40141	G	-1.579694E-02	4.743092E-03	5.699213E-03	5.555523E-04	1.649757E-04	7.051448E-04
40142	G	-8.696023E-03	4.743092E-03	4.459040E-06	5.347785E-04	1.649757E-04	6.420005E-04
40143	G	-2.034166E-03	4.743092E-03	-5.807936E-03	5.000192E-04	1.649757E-04	5.363459E-04
40145	G	3.011962E-03	4.744623E-03	-1.099321E-02	4.939523E-04	1.649878E-04	4.741049E-04
40147	G	8.125998E-03	4.743081E-03	-1.642698E-02	6.722966E-04	1.649478E-04	5.832443E-04
40148	G	1.569239E-02	4.743081E-03	-2.556209E-02	9.303100E-04	1.649478E-04	7.496742E-04
40149	G	2.416231E-02	4.743081E-03	-3.628577E-02	1.084511E-03	1.649478E-04	8.491408E-04
42745	G	3.175842E-03	1.469841E-02	-1.418914E-02	5.678218E-04	1.371599E-04	5.383797E-04
44345	G	3.280716E-03	2.567155E-02	-1.645496E-02	6.733821E-04	7.592431E-05	5.808100E-04
45245	G	3.297253E-03	3.059973E-02	-1.697432E-02	7.366107E-04	3.722114E-05	5.882233E-04
46445	G	3.285465E-03	3.699147E-02	-1.709815E-02	8.275737E-04	-1.737961E-05	5.854974E-04
48045	G	2.817086E-03	3.107332E-02	-1.665383E-02	1.208663E-03	-3.933920E-05	6.499437E-04
48845	G	2.358067E-03	2.578241E-02	-1.620487E-02	1.469424E-03	-6.602424E-05	7.259496E-04
49745	G	1.670236E-03	1.883901E-02	-1.550d85E-02	1.761941E-03	-9.193162E-05	8.368220E-04
50645	G	7.867971E-04	1.353400E-02	1.461264E-02	2.081139E-03	-1.116885E-04	1.008362E-03
51545	G	-2.555451E-04	1.113226E-03	-1.354807E-02	2.428274E-03	-1.286559E-04	1.236863E-03
52045	G	-1.430685E-03	-1.416356E-02	-1.286675E-02	2.644887E-03	-1.359268E-04	1.481018E-03

61912	G	1.942511E-03	-1.450236E-02	1.019256E-03	-3.384857E-04	1.606733E-04	-1.619564E-04
61913	G	1.735725E-03	-1.493799E-02	1.019256E-03	-3.384857E-04	1.606733E-04	6.576781E-04
61914	G	1.544042E-03	-1.536180E-02	1.019256E-03	-3.384857E-04	1.606733E-04	-1.157433E-04
61916	G	8.385354E-04	-1.722717E-02	1.264294E-03	-2.749572E-04	9.034960E-05	2.627650E-04
61917	G	7.469953E-04	-1.750240E-02	1.264294E-03	-2.749572E-04	9.034960E-05	-1.091002E-04
61918	G	6.606698E-04	-1.782952E-02	1.264294E-03	-2.749572E-04	9.034960E-05	3.735519E-04
61922	G	1.518975E-03	-1.451376E-02	2.297952E-03	-4.731701E-04	-1.667455E-04	4.083053E-04
61923	G	1.665711E-03	-1.493014E-02	2.297952E-03	-4.731701E-04	-1.667455E-04	-1.019710E-04
61924	G	1.800775E-03	-1.531341E-02	2.297952E-03	-4.731701E-04	-1.667455E-04	5.602008E-04
61926	G	1.656947E-03	-1.759508E-02	2.254879E-03	-6.021056E-04	-5.789338E-05	1.588073E-04
61927	G	1.896364E-03	-1.800422E-02	2.254879E-03	-6.021056E-04	-5.789340E-05	1.577877E-04
61928	G	1.955416E-03	-1.861[illegible]E-02	2.254879E-03	-6.021056E-04	-5.789338E-05	5.714766E-05
61934	G	2.163754E-03	-1.530750E-02	1.081807E-02	-1.267652E-03	-1.916060E-04	2.230291E-04
61935	G	2.266381E-03	-1.611879E-02	1.081807E-02	-1.267652E-03	-1.916060E-04	8.360441E-05
61936	G	2.420506E-03	-1.700615E-02	1.081807E-02	-1.267652E-03	-1.916060E-04	1.671378E-04
62211	G	-3.942524E-04	-1.211032E-02	-1.038587E-03	0.0	0.0	0.0
62213	G	-7.299554E-05	-1.415946E-02	-1.054097E-03	-7.741556E-04	3.822697E-04	5.729207E-04
62217	G	8.827676E-04	-1.796601E-02	-1.175082E-03	-9.730530E-04	3.348119E-04	-9.840303E-06
62219	G	1.132406E-03	-1.995876E-02	-1.171420E-03	0.0	0.0	0.0
62221	G	-3.077774E-04	-1.204742E-02	5.541721E-04	-1.524713E-03	-9.267374E-04	3.240411E-04
62224	G	2.496338E-04	-1.443603E-02	5.331058E-04	-7.771240E-04	3.105591E-04	5.350225E-04
62226	G	1.310041E-03	-1.788273E-02	4.671474E-04	-7.966510E-04	3.174847E-06	1.620259E-04
62229	G	1.737976E-03	-1.946226E-02	4.553616E-04	-1.182084E-03	-4.365474E-04	1.190557E-04
62231	G	1.353249E-03	-1.426397E-02	5.368724E-03	-1.287140E-03	-1.373391E-04	2.367223E-04
62239	G	1.904037E-03	-1.604417E-02	5.383663E-03	-1.991965E-03	-2.148899E-04	1.821933E-04
62811	G	-1.984545E-03	-1.173279E-02	-6.323501E-03	0.0	0.0	0.0
62819	G	-1.568466E-04	-1.903457E-02	-6.392818E-03	0.0	0.0	0.0
62821	G	-1.707292E-03	-1.139324E-02	-4.671916E-03	0.0	0.0	0.0
62829	G	2.691990E-04	-1.911899E-02	-4.634801E-03	0.0	0.0	0.0
62831	G	-2.027192E-04	-1.375160E-02	-9.781001E-04	0.0	0.0	0.0
62839	G	3.462729E-04	-1.616461E-02	-9.884655E-04	0.0	0.0	0.0
63411	G	-3.203269E-03	-1.093418E-02	-1.155917E-02	0.0	0.0	0.0
63419	G	-1.820008E-03	-1.884389E-02	-1.154694E-02	0.0	0.0	0.0
63421	G	-2.968565E-03	-1.069360E-02	-9.950209E-03	0.0	0.0	0.0
63429	G	-1.384361E-03	-1.811736E-02	-9.971213E-03	0.0	0.0	0.0
63431	G	-1.777055E-03	-1.319422E-02	-7.116109E-03	0.0	0.0	0.0
63[illegible]9	G	-1.323540E-03	-1.549065E-02	-7.126063E-03	0.0	0.0	0.0
64211	G	-5.456880E-03	-9.772118E-03	-2.037042E-02	0.0	0.0	0.0
64219	G	-4.418235E-03	-1.816223E-02	-2.032335E-02	0.0	0.0	0.0
64221	G	-5.247004E-03	-9.590976E-03	-1.885577E-02	0.0	0.0	0.0
64229	G	-3.983550E-03	-1.799051E-02	-1.886263E-02	-1.127469E-03	-1.532729E-04	1.801936E-05
64231	G	-4.294448E-03	-1.217210E-02	-1.654184E-02	0.0	0.0	0.0
64239	G	-3.896768E-03	-1.460904E-02	-1.655013E-02	0.0	0.0	0.0
65011	G	-8.211531E-03	-8.630[illegible]1E-03	-3.067990E-02	0.0	0.0	0.0
65019	G	-7.345576E-03	-1.696878E-02	-3.063285E-02	0.0	0.0	0.0
65021	G	-7.955100E-03	-8.421785E-03	-2.915255E-02	0.0	0.0	0.0
65029	G	-6.932668E-03	-1.706351E-02	-2.915528E-02	0.0	0.0	0.0
65031	G	-7.161371E-03	-1.097839E-02	-2.724394E-02	0.0	0.0	0.0
65039	G	-6.803976E-03	-1.364348E-02	-2.724927E-02	0.0	0.0	0.0
65911	G	-1.132509E-02	-7.705390E-03	-4.238863E-02	0.0	0.0	0.0
65919	G	-1.052409E-02	-1.539313E-02	-4.255180E-02	0.0	0.0	0.0
65921	G	-1.113692E-02	-7.671874E-03	-4.113707E-02	0.0	0.0	0.0
65929	G	-1.025622E-02	-1.574600E-02	-4.122412E-02	-1.468037E-03	-1.519130E-04	-7.470156E-05
65931	G	-1.045956E-02	-9.740360E-03	-3.929863E-02	0.0	0.0	0.0
65939	G	-1.010551E-02	-1.246727E-02	-3.929807E-02	0.0	0.0	0.0
71912	G	1.432177E-03	-1.512879E-02	-1.016488E-03	-1.989037E-04	-9.724621E-05	2.284265E-06
71913	G	1.557333E-03	-1.538478E-02	-1.016488E-03	-1.989037E-04	-9.724621E-05	4.111486E-04
71914	G	1.673348E-03	-1.562207E-02	-1.016488E-03	-1.989037E-04	-9.724621E-05	1.374781E-04
71916	G	1.728207E-03	-1.668260E-02	-1.228916E-03	-1.547932E-04	1.055670E-05	1.458518E-04
71917	G	1.717639E-03	-1.683755E-02	-1.228916E-03	-1.547932E-04	1.055670E-05	1.455710E-05
71918	G	1.705087E-03	-1.702160E-02	-1.228916E-03	-1.547932E-04	1.055670E-05	1.731436E-04
71922	G	1.657022E-03	-1.553088E-02	-1.655094E-03	-1.437776E-04	1.170045E-04	2.526499E-04
71923	G	1.554058E-03	-1.565791E-02	-1.655094E-03	-1.437776E-04	1.170046E-04	-6.000466E-05
71924	G	1.459284E-03	-1.577386E-02	-1.655094E-03	-1.437776E-04	1.170045E-04	3.460976E-04
71926	G	1.217964E-03	-1.692628E-02	-1.629430E-03	-2.289034E-04	4.475811E-05	1.076602E-04
71927	G	1.187529E-03	-1.708194E-02	-1.629430E-03	-2.289034E-04	4.475811E-05	-4.366275E-05

71928	G	1.141187&E-03	-1.741542E-02	-1.629410E-03	-2.289034E-04	4.475811E-05	2.894459E-05
71934	G	1.545094E-03	-1.552295E-02	-8.447986E-03	-7.521608E-04	2.909845E-05	5.660890E-05
71935	G	1.527471E-03	-1.600434E-02	-8.447986E-03	-7.521608E-04	2.909845E-05	-2.538301E-04
71936	G	1.507102E-03	-1.653085E-02	-8.447986E-03	-7.521608E-04	2.909845E-05	-1.227902E-04
72211	G	2.969111E-03	-1.597192E-02	1.035033E-04	0.0	0.0	0.0
72213	G	2.699806E-03	-1.497724E-02	1.166469E-04	-4.051924E-04	-2.292322E-04	3.522651E-04
72217	G	1.841523E-03	-1.706843E-02	1.521688E-04	-5.890269E-04	-1.382384E-04	4.325317E-05
72219	G	1.656872E-03	-1.811534E-02	1.495239E-04	0.0	0.0	0.0
72221	G	2.871469E-03	-1.603239E-02	-1.214664E-03	-8.484663E-04	6.775400E-04	1.917487E-04
72224	G	2.426320E-03	-1.528147E-02	-1.201821E-03	-3.315893E-04	-1.809934E-04	3.303613E-04
72226	G	1.573995E-03	-1.736167E-02	-1.157399E-03	-3.543650E-04	5.617450E-05	1.034269E-04
72229	G	1.238376E-03	-1.783909E-02	-1.145773E-03	-5.986958E-04	2.924043E-04	6.416734E-05
72231	G	1.647341E-03	-1.494485E-02	-4.956696E-03	-7.503391E-04	-1.563040E-04	1.033917E-04
72239	G	1.189455E-03	-1.644546E-02	-4.965714E-03	-1.295431E-03	1.375449E-04	-7.206658E-05
72811	G	3.866107E-03	-1.375808E-02	2.765795E-03	0.0	0.0	0.0
72819	G	3.446494E-03	-1.761419E-02	2.834799E-03	0.0	0.0	0.0
72821	G	3.043545E-03	-1.369406E-02	1.417798E-03	0.0	0.0	0.0
72829	G	2.115689E-03	-1.768072E-02	1.394484E-03	0.0	0.0	0.0
72831	G	2.468816E-03	-1.468048E-02	-1.408675E-03	0.0	0.0	0.0
72839	G	2.069714E-03	-1.602764E-02	-1.401035E-03	0.0	0.0	0.0
73411	G	4.542749E-03	-1.339467E-02	5.426645E-03	0.0	0.0	0.0
73419	G	3.427924E-03	-1.755511E-02	5.418241E-03	0.0	0.0	0.0
73421	G	4.330754E-03	-1.329161E-02	4.137557E-03	0.0	0.0	0.0
73429	G	3.107919E-03	-1.749888E-02	4.123395E-03	0.0	0.0	0.0
73431	G	3.413691E-03	-1.439048E-02	1.943701E-03	0.0	0.0	0.0
73439	G	3.072514E-03	-1.564739E-02	1.950141E-03	0.0	0.0	0.0
74211	G	5.792137E-03	-1.281519E-02	9.922442E-03	0.0	0.0	0.0
74219	G	4.992090E-03	-1.725033E-02	9.889115E-04	0.0	0.0	0.0
74221	G	5.610976E-03	-1.264061E-02	8.770511E-03	0.0	0.0	0.0
74229	G	4.690133E-03	-1.715920E-02	8.772437E-03	-6.036574E-04	1.171701E-04	9.531264E-06
74231	G	4.918311E-03	-1.382456E-02	7.132549E-03	0.0	0.0	0.0
74239	G	4.635680E-03	-1.517031E-02	7.137411E-03	0.0	0.0	0.0
75011	G	7.339910E-03	-1.220180E-02	1.529654E-02	0.0	0.0	0.0
75019	G	6.782174E-03	-1.664842E-02	1.[illegible]738E-02	0.0	0.0	0.0
75021	G	7.166922E-03	-1.192803E-02	1.4[illegible]19E-02	0.0	0.0	0.0
75029	G	6.527755E-03	-1.671745E-02	1.431[illegible]87E-02	0.0	0.0	0.0
75031	G	6.665904E-03	-1.313823E-02	1.312806E-02	0.0	0.0	0.0
75039	G	6.441340E-03	-1.664396E-02	1.313124E-02	0.0	0.0	0.0
75911	G	9.085301E-03	-1.168567E-02	2.149837E-02	0.0	0.0	0.0
75919	G	8.721374E-03	-1.564815E-02	2.158491E-02	0.0	0.0	0.0
75921	G	9.044979E-03	-1.148619E-02	2.103051E-02	0.0	0.0	0.0
75929	G	8.636441E-03	-1.606687E-02	2.109165E-02	-9.328590E-04	5.643860E-05	-4.790910E-05
75931	G	8.716624E-03	-1.242048E-02	2.006973E-02	0.0	0.0	0.0
75939	G	9.530185E-03	-1.398326E-02	2.006882E-02	0.0	0.0	0.0
122400	G	-4.679509E-03	5.495156E-02	-3.913068E-02	4.258959E-05	-1.586837E-03	-1.061930E-03
123467	G	1.461419E-03	-1.881054E-02	-5.649500E-03	0.0	0.0	0.0
123487	G	-8.013166E-03	9.654620E-02	-2.371569E-02	0.0	0.0	0.0
124800	G	-4.679509E-03	2.957145E-02	-1.205284E-03	4.258959E-05	-1.586837E-03	-1.061930E-03
125063	G	2.509712E-03	-1.887083E-02	5.615979E-03	0.0	0.0	0.0
125065	G	1.354665E-03	-1.858947E-02	-6.360710E-03	0.0	0.0	0.0
125067	G	1.462166E-03	-1.865925E-02	-1.474877E-03	0.0	0.0	0.0
125383	G	1.660398E-02	2.415249E-02	7.745825E-03	0.0	0.0	0.0
125387	G	-8.311018E-03	2.415249E-02	6.746590E-03	0.0	0.0	0.0
126863	G	2.765899E-03	-2.073097E-02	6.416213E-03	0.0	0.0	0.0
126867	G	1.552476E-03	-2.068258E-02	1.331495E-03	0.0	0.0	0.0
127200	G	-4.679509E-03	3.235598E-03	3.814825E-02	4.258959E-05	-1.586837E-03	-1.061930E-03
189073	G	-1.592314E-03	-6.605079E-04	-5.650265E-02	-4.270192E-03	-6.963823E-04	-2.329065E-04
189077	G	-7.356748E-03	-6.605079E-04	4.918466E-[illegible]	-4.270192E-03	-6.963823E-04	-2.329065E-04
200070	G	7.970878E-04	-3.532894E-02	3.346598E-03	-4.270192E-03	-6.963823E-04	-2.329065E-04
200078	G	-4.474532E-03	-3.003547E-03	3.346598E-03	-4.270192E-03	-6.963823E-04	-2.329065E-04
200079	G	-5.507454E-03	3.322791E-03	3.351258E-03	-4.278556E-03	-6.993779E-04	-2.329065E-04
200086	G	-1.151078E-02	3.930761E-02	3.362591E-03	-4.806627E-03	-8.026394E-04	-2.329065E-04
200087	G	-1.058251E-02	3.423267E-02	3.362593E-03	-4.304431E-03	-7.092131E-04	-2.329065E-04
200095	G	-1.783561E-02	7.743287E-02	3.376369E-03	-3.806918E-03	-6.200266E-04	-2.329065E-04
200096	G	-1.681526E-02	7.194463E-02	3.376369E-03	-4.310921E-03	7.146287E-04	-2.329065E-04
200101	G	-2.387453E-02	9.640044E-02	3.385303E-03	-2.835275E-03	4.480269E-04	-2.329065E-04

200106	G	-2.276967E-02	1.086136E-01	3.402373E-03	-1.729620E-03	-2.564567E-04	-2.329065E-04
200114	G	-2.353860E-02	1.153218E-01	3.427260E-03	4.310142E-05	6.419468E-05	-2.329065E-04
200121	G	-2.210769E-02	1.096830E-01	3.449301E-03	1.563860E-03	8.446126E-04	-2.329065E-04
200129	G	-1.817303E-02	9.083843E-02	3.474491E-03	3.077298E-03	6.260730E-04	-2.329065E-04
200137	G	-1.229818E-02	6.156664E-02	3.474490E-03	4.170634E-03	9.296608E-04	-2.329065E-04
200145	G	-5.113778E-03	2.526634E-02	3.474490E-03	4.829712E-03	9.525225E-04	-2.329065E-04
200153	G	2.481272E-03	-1.330348E-02	3.474490E-03	5.040638E-03	9.918425E-04	-2.329065E-04
200155	G	4.673235E-03	-2.444325E-02	3.474490E-03	5.040638E-03	9.918425E-04	-2.329065E-04
211001	G	-3.159894E-01	-2.529002E-01	5.362071E-01	1.425641E-02	1.482669E-02	9.653132E-03
211002	G	2.989164E-01	-2.648896E-01	-5.332609E-01	1.416527E-02	-1.470517E-02	9.885527E-03
211073	G	-1.592314E-03	-5.733211E-03	-4.133564E-02	-4.270192E-03	-6.963823E-04	-2.329065E-04
211077	G	-7.356748E-03	-5.733211E-03	6.435180E-02	-4.270192E-03	-6.963823E-04	-2.329065E-04
214075	G	-4.474532E-03	-6.380688E-03	1.344414E-02	-4.270192E-03	-6.963823E-04	-2.329065E-04
214901	G	-3.159894E-01	1.277227E-01	-4.840935E-02	1.425641E-02	1.482669E-02	9.653132E-03
214902	G	2.989164E-01	1.248968E-01	4.656386E-02	1.416527E-02	-1.470517E-02	9.885527E-03
215101	G	-6.976181E-02	-3.867241E-03	-7.809300E-04	1.512895E-03	1.268056E-02	-1.620005E-03
215102	G	6.626701E-02	-4.116461E-03	-1.193217E-03	1.477647E-03	1.192510E-02	-1.195872E-03
215201	G	4.731375E-04	-5.944218E-03	-3.647015E-03	-1.480468E-04	6.064480E-03	-1.141312E-03
215202	G	5.042665E-03	-5.960476E-03	1.294693E-03	-1.363628E-04	-5.256515E-03	-9.033023E-04
222001	G	-3.147081E-01	9.969804E-01	-8.872214E-01	4.943398E-02	1.260975E-02	5.813133E-03
222002	G	2.976935E-01	1.000010E 00	8.957767E-01	4.961930E-02	-1.238140E-02	6.029673E-03
222201	G	-8.812976E-02	1.179618E-01	-3.955026E-01	3.689927E-02	9.798311E-03	-3.948312E-03
222202	G	8.515054E-02	1.182738E-01	4.007462E-01	3.703687E-02	-9.012640E-03	-3.593077E-03
222301	G	6.100759E-04	-3.072911E-03	-1.317082E-02	9.730440E-03	4.684933E-03	-1.645718E-03
222302	G	5.218562E-03	-9.359798E-03	1.641965E-02	9.785309E-03	-3.827053E-03	-1.445734E-03
223401	G	-3.147081E-01	1.081561E 00	-1.070693E 00	4.943398E-02	1.260975E-02	5.813133E-03
223402	G	2.976935E-01	1.087731E 00	1.075926E 00	4.961930E-02	-1.238140E-02	6.029673E-03
520018	G	-4.092190E-03	-1.416359E-02	-8.091304E-03	2.639329E-03	-1.359268E-04	1.476068E-03
520024	G	-5.007368E-03	-1.416359E-02	-6.454967E-03	2.639097E-03	-1.359268E-04	1.476153E-03
520057	G	-9.920668E-03	-1.416402E-02	2.269694E-03	2.741699E-03	-1.359268E-04	1.568198E-03
520065	G	-1.113607E-02	-1.416412E-02	4.379798E-03	2.814282E-03	-1.359268E-04	1.632762E-03
520068	G	-1.174633E-02	-1.416417E-02	5.428372E-03	2.852126E-03	-1.359268E-04	1.666505E-03
520079	G	-1.359785E-02	-1.416516E-02	8.566398E-03	2.956935E-03	-1.359268E-04	1.759802E-03
520135	G	-2.484247E-02	-1.417217E-02	2.666473E-02	3.434364E-03	-1.359268E-04	2.182030E-03
520139	G	-2.573975E-02	-1.417282E-02	2.807588E-02	3.448431E-03	-1.359268E-04	2.194154E-03
520152	G	-2.862765E-02	-1.417489E-02	3.260918E-02	3.486582E-03	-1.359268E-04	2.239674E-03
520185	G	-3.591513E-02	-1.417489E-02	4.404194E-02	3.486582E-03	-1.359268E-04	2.239674E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.869503E 04

REAL EIGENVECTOR NO. 24

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	3.878900E-02	1.312647E-02	-3.237779E-01	0.0	0.0	0.0
3339	G	3.744005E-02	1.296820E-02	-3.290656E-01	0.0	0.0	0.0
3341	G	1.055717E-03	1.476471E-02	-3.240400E-01	0.0	0.0	0.0
3349	G	3.010951E-03	1.479648E-02	-3.282428E-01	0.0	0.0	0.0
4631	G	3.962743E-02	1.156522E-02	-2.538874E-01	0.0	0.0	0.0
4633	G	5.668155E-02	1.276526E-02	-2.547961E-01	0.0	0.0	0.0
4637	G	5.424915E-02	1.251341E-02	-2.610962E-01	0.0	0.0	0.0
4639	G	3.670824E-02	1.127944E-02	-2.618137E-01	0.0	0.0	0.0
4641	G	3.863740E-03	9.225536E-03	-2.538127E-01	0.0	0.0	0.0
4649	G	1.809040E-03	8.780312E-03	-2.623669E-01	0.0	0.0	0.0
4661	G	-4.333598E-02	6.276615E-03	-2.548752E-01	0.0	0.0	0.0
4669	G	-3.973781E-02	5.907338E-03	-2.616337E-01	0.0	0.0	0.0
6123	G	8.545876E-02	1.205775E-02	-1.674556E-01	0.0	0.0	0.0
6127	G	8.242863E-02	1.226413E-02	-1.750921E-01	0.0	0.0	0.0
6131	G	5.614589E-02	1.052501E-02	-1.668951E-01	0.0	0.0	0.0
6133	G	5.506811E-02	1.040578E-02	-1.673687E-01	0.0	0.0	0.0
6137	G	5.200726E-02	9.873074E-03	-1.749965E-01	0.0	0.0	0.0
6139	G	5.195179E-02	9.721022E-03	-1.777182E-01	0.0	0.0	0.0
6141	G	1.773101E-02	1.045081E-02	-1.667076E-01	0.0	0.0	0.0
6143	G	1.574706E-02	1.047750E-02	-1.675102E-01	0.0	0.0	0.0
6147	G	1.541349E-02	2.404150E-03	-1.751784E-01	0.0	0.0	0.0
6149	G	1.422137E-02	2.416781E-03	-1.791454E-01	0.0	0.0	0.0
6161	G	-9.929813E-03	9.730456E-03	-1.658245E-01	0.0	0.0	0.0
6163	G	-1.152834E-02	9.775624E-03	-1.675579E-01	0.0	0.0	0.0
6167	G	-1.087582E-02	-1.836795E-03	-1.754915E-01	0.0	0.0	0.0
6169	G	-1.288935E-02	-1.793227E-03	-1.775410E-01	0.0	0.0	0.0
6171	G	-6.475407E-02	4.459143E-03	-2.103165E-01	0.0	0.0	0.0
6179	G	-6.365639E-02	3.483537E-03	-2.186773E-01	0.0	0.0	0.0
7031	G	5.541138E-02	3.525137E-03	0.0	0.0	0.0	0.0
7033	G	5.455984E-02	8.668061E-03	-1.204156E-01	0.0	0.0	0.0
7037	G	5.151132E-02	8.668061E-03	-1.313846E-01	0.0	0.0	0.0
7039	G	5.083604E-02	8.803263E-03	0.0	0.0	0.0	0.0
7043	G	1.446605E-02	0.0	-1.190751E-01	0.0	0.0	0.0
7047	G	1.458148E-02	0.0	-1.299397E-01	0.0	0.0	0.0
7061	G	-1.061276E-02	1.055188E-02	-8.033222E-02	0.0	0.0	0.0
7063	G	-1.529080E-02	1.055188E-02	-1.185786E-01	0.0	0.0	0.0
7067	G	-1.463749E-02	-1.009830E-02	-1.293851E-01	0.0	0.0	0.0
7069	G	-1.344022E-02	-1.005577E-02	-9.514994E-02	0.0	0.0	0.0
7071	G	-3.569447E-02	0.0	-7.566698E-02	0.0	0.0	0.0
7079	G	-4.084282E-02	0.0	-8.975333E-02	0.0	0.0	0.0
7505	G	1.414664E-01	1.617686E-02	-9.813285E-02	5.484482E-04	-5.895387E-03	-1.524258E-04
8300	G	-9.532595E-02	-6.449614E-03	-5.409417E-02	0.0	0.0	0.0
8531	G	5.267128E-02	6.293483E-03	0.0	0.0	0.0	0.0
8533	G	5.455984E-02	6.462462E-03	-3.510935E-02	0.0	0.0	0.0
8537	G	5.151132E-02	6.462462E-03	-4.607832E-02	0.0	0.0	0.0
8539	G	4.770051E-02	6.582297E-03	0.0	0.0	0.0	0.0
8543	G	1.322055E-02	0.0	-3.584244E-02	0.0	0.0	0.0
8547	G	1.330104E-02	0.0	-4.651633E-02	0.0	0.0	0.0
8561	G	-9.643458E-03	3.228060E-03	-8.917764E-03	0.0	0.0	0.0
8563	G	-1.691049E-02	3.269485E-03	-3.604621E-02	0.0	0.0	0.0
8567	G	-1.704320E-02	-9.043854E-03	-4.672361E-02	0.0	0.0	0.0
8569	G	-1.159200E-02	-9.043898E-03	-2.595515E-02	0.0	0.0	0.0
8571	G	-2.509065E-02	0.0	-4.524525E-03	0.0	0.0	0.0
8579	G	-2.939485E-02	0.0	-2.138560E-02	0.0	0.0	0.0
9303	G	-9.684369E-03	1.573707E-02	1.226215E-02	0.0	0.0	0.0
9307	G	-1.563114E-02	1.569118E-02	2.578479E-03	0.0	0.0	0.0

9313	G	-1.215774E-02	1.352410E-02	1.226998E-02	0.0	0.0	0.0
9317	G	-1.649017E-02	1.329561E-02	2.552139E-03	0.0	0.0	0.0
9331	G	4.973902E-02	5.718239E-03	1.513046E-02	0.0	0.0	0.0
9333	G	5.126390E-02	5.460136E-03	9.666939E-03	0.0	0.0	0.0
9337	G	4.868777E-02	4.700646E-03	-3.188420E-04	0.0	0.0	0.0
9339	G	4.468168E-02	4.349057E-03	-2.054794E-03	0.0	0.0	0.0
9341	G	0.0	-8.136919E-04	2.767330E-02	0.0	0.0	0.0
9343	G	1.304248E-02	-9.056937E-04	1.929137E-02	0.0	0.0	0.0
9347	G	1.203673E-02	-1.092185E-03	8.890562E-03	0.0	0.0	0.0
9349	G	0.0	-1.210880E-03	1.304220E-02	0.0	0.0	0.0
9361	G	-5.391493E-03	-5.294874E-03	3.029652E-02	0.0	0.0	0.0
9363	G	-1.269603E-02	-5.152825E-03	2.624746E-02	0.0	0.0	0.0
9367	G	-1.331409E-02	-3.711940E-03	1.578306E-02	0.0	0.0	0.0
9369	G	-6.594729E-03	-3.539893E-03	1.271347E-02	0.0	0.0	0.0
9371	G	-2.264887E-02	-8.973647E-03	3.491291E-02	0.0	0.0	0.0
9373	G	0.0	-8.480425E-03	2.225913E-02	0.0	0.0	0.0
9377	G	0.0	-6.085318E-03	1.204570E-02	0.0	0.0	0.0
9379	G	-2.630391E-02	-5.525306E-03	1.768672E-02	0.0	0.0	0.0
11300	G	-4.547475E-02	-2.184052E-03	9.088182E-02	0.0	0.0	0.0
11503	G	-1.779184E-02	7.108919E-03	0.0	0.0	0.0	0.0
11507	G	-2.260578E-02	7.108919E-03	0.0	0.0	0.0	0.0
11531	G	3.612381E-02	3.255636E-03	0.0	0.0	0.0	0.0
11533	G	3.537551E-02	2.933208E-03	8.850950E-02	0.0	0.0	0.0
11537	G	3.386335E-02	6.260085E-04	8.008742E-02	0.0	0.0	0.0
11539	G	3.231389E-02	3.292854E-04	0.0	0.0	0.0	0.0
11543	G	1.323683E-02	-2.105167E-03	8.848524E-02	0.0	0.0	0.0
11547	G	1.157661E-02	-2.105167E-03	8.001256E-02	0.0	0.0	0.0
11561	G	-1.231901E-03	-1.614156E-02	8.362448E-02	0.0	0.0	0.0
11563	G	-4.220489E-03	-1.620654E-02	8.831358E-02	0.0	0.0	0.0
11567	G	-5.668610E-03	6.094780E-03	7.980961E-02	0.0	0.0	0.0
11569	G	-1.816194E-03	6.046981E-03	7.171142E-02	0.0	0.0	0.0
11571	G	-3.744976E-03	0.0	8.287358E-02	0.0	0.0	0.0
11579	G	-8.069165E-03	0.0	7.096761E-02	0.0	0.0	0.0
11700	G	-4.675577E-02	1.151818E-02	9.617537E-02	0.0	0.0	0.0
13500	G	1.477410E-02	-4.488245E-03	1.158156E-01	0.0	0.0	0.0
13801	G	-2.065335E-02	6.327042E-04	1.254961E-01	0.0	0.0	0.0
13803	G	-2.418752E-02	6.282160E-04	1.264893E-01	0.0	0.0	0.0
13807	G	-2.824078E-02	1.009037E-03	1.252647E-01	0.0	0.0	0.0
13809	G	-2.592245E-02	5.400751E-04	1.232804E-01	0.0	0.0	0.0
13821	G	-8.311786E-03	4.232544E-04	1.249641E-01	0.0	0.0	0.0
13823	G	-7.476248E-03	6.430551E-05	1.257710E-01	0.0	0.0	0.0
13827	G	-9.847268E-03	-6.270220E-04	1.239226E-01	0.0	0.0	0.0
13829	G	-1.289813E-02	-1.010161E-03	1.225279E-01	0.0	0.0	0.0
13831	G	2.519779E-02	-1.358072E-04	1.229343E-01	0.0	0.0	0.0
13833	G	1.626156E-02	-5.048048E-04	1.230973E-01	0.0	0.0	0.0
13837	G	1.550496E-02	-1.563733E-03	1.207118E-01	0.0	0.0	0.0
13839	G	2.193070E-02	-1.797181E-03	1.211504E-01	0.0	0.0	0.0
13841	G	0.0	-4.576322E-03	1.187000E-01	0.0	0.0	0.0
13843	G	1.393040E-02	-3.723445E-03	1.210174E-01	0.0	0.0	0.0
13847	G	1.251007E-02	-3.502178E-03	1.187611E-01	0.0	0.0	0.0
13848	G	1.226030E-02	1.082111E-03	1.163450E-01	0.0	0.0	0.0
13849	G	0.0	5.166037E-04	1.035279E-01	0.0	0.0	0.0
13861	G	1.724853E-03	-6.579302E-03	1.161822E-01	0.0	0.0	0.0
13863	G	8.228101E-03	-6.669708E-03	1.200917E-01	0.0	0.0	0.0
13867	G	3.392695E-03	2.897734E-03	1.118567E-01	0.0	0.0	0.0
13869	G	-1.431067E-04	2.745186E-03	1.077517E-01	0.0	0.0	0.0
13871	G	-2.667526E-03	0.0	1.151000E-01	0.0	0.0	0.0
13879	G	2.436902E-02	0.0	9.960419E-02	0.0	0.0	0.0
14801	G	-2.065335E-02	-1.922698E-03	1.114225E-01	0.0	0.0	0.0
14803	G	-2.426128E-02	-1.692446E-03	1.110936E-01	0.0	0.0	0.0
14807	G	2.736753E-02	-7.235408E-04	1.089190E-01	0.0	0.0	0.0
14809	G	-2.592245E-02	-6.877687E-04	1.081359E-01	0.0	0.0	0.0
14821	G	-8.127157E-03	-2.977923E-03	1.115126E-01	0.0	0.0	0.0
14823	G	-8.096877E-03	-2.918622E-03	1.110936E-01	0.0	0.0	0.0
14827	G	-1.047328E-02	-1.317604E-03	1.089190E-01	0.0	0.0	0.0
14829	G	-1.254940E-02	-1.237818E-03	1.079493E-01	0.0	0.0	0.0

18661	G	2.359487E-02	-3.863020E-03	3.258149E-02	3.371040E-05	7.324214E-04	-3.486768E-03
18662	G	1.668192E-02	-3.824921E-03	3.250568E-02	4.664752E-05	2.364371E-04	-3.401573E-03
18663	G	5.072579E-03	-3.781419E-03	3.233491E-02	8.229747E-05	-1.583184E-04	-3.260271E-03
18664	G	-1.141636E-02	-3.703577E-03	3.268227E-02	0.0	0.0	-1.732653E-03
18665	G	-1.642614E-02	-3.626445E-03	3.297225E-02	0.0	0.0	1.674914E-05
18666	G	-1.105490E-02	-3.524626E-03	3.309555E-02	0.0	0.0	1.6 [illegible]093E-03
18667	G	6.955557E-03	-3.362783E-03	3.343206E-02	-8.704956E-05	-4.051500E-04	3.6[illegible]2254E-03
18668	G	1.991628E-02	-3.294868E-03	3.384449E-02	-1.098515E-04	2.287539E-04	3.801061E-03
18669	G	2.763097E-02	-3.234558E-03	3.406935E-02	-1.646676E-04	8.744089E-04	3.882051E-03
18681	G	1.925451E-02	-4.916131E-03	3.331928E-02	0.0	0.0	0.0
18683	G	3.805056E-03	-4.766516E-03	3.232910E-02	8.229747E-05	6.267467E-06	-4.966032E-05
18685	G	6.084286E-03	-3.629023E-03	3.285988E-02	0.0	0.0	0.0
18687	G	2.575962E-03	-2.320800E-03	3.348247E-02	-8.704956E-05	-2.587843E-04	-4.966032E-05
18689	G	1.760364E-02	-2.156497E-03	3.465936E-02	0.0	0.0	0.0
18983	G	1.479083E-03	-4.791040E-03	2.644852E-02	0.0	2.747601E-03	2.692614E-05
18987	G	2.396623E-04	-2.689536E-03	2.834018E-02	0.0	2.641813E-03	-1.485586E-04
19741	G	2.218429E-03	-5.043726E-03	1.804091E-03	1.590499E-04	2.315562E-03	7.875075E-05
19742	G	1.332261E-03	-5.097125E-03	4.949819E-04	1.771283E-04	2.238831E-03	7.194451E-05
19743	G	1.497253E-03	-5.186740E-03	5.955534E-05	0.0	2.258864E-03	8.007343E-05
19745	G	2.225455E-03	-5.623396E-03	-7.146092E-04	0.0	0.0	1.011222E-04
19747	G	3.056362E-03	-6.061535E-03	5.759519E-05	0.0	2.337202E-03	1.060090E-04
19748	G	3.284496E-03	-6.154735E-03	4.789261E-04	-1.635225E-04	2.347139E-03	1.038118E-04
19749	G	5.563844E-03	-6.229091E-03	1.790365E-03	-1.889316E-04	2.478919E-03	8.705325E-05
19751	G	1.779550E-02	-5.833980E-03	1.835088E-03	1.296528E-04	2.304879E-03	-5.199433E-05
19752	G	1.805180E-02	-5.727895E-03	5.071799E-04	1.736104E-04	2.311634E-03	7.622071E-05
19758	G	2.074449E-02	-5.438495E-03	4.977346E-04	-1.581571E-04	2.394795E-03	1.715041E-04
19759	G	2.229172E-02	-5.296402E-03	1.839583E-03	-1.751975E-04	2.487850E-03	2.647485E-04
19761	G	2.347172E-02	-6.132230E-03	1.849530E-03	1.642203E-04	2.294731E-03	4.222790E-05
19762	G	2.380693E-02	-6.018557E-03	5.134514E-04	1.786945E-04	2.335684E-03	4.674688E-05
19763	G	2.393396E-02	-5.952708E-03	1.168074E-04	0.0	2.289321E-03	7.005883E-05
19765	G	2.479812E-02	-5.594617E-03	-9.465832E-04	0.0	0.0	1.461666E-04
19767	G	2.621760E-02	-5.221222E-03	1.116616E-04	0.0	2.361191E-03	2.102914E-04
19768	G	2.669131E-02	-5.148493E-03	5.058791E-04	-1.811765E-04	2.411452E-03	2.263425E-04
19769	G	2.843513E-02	-5.021568E-03	1.850714E-03	-1.589124E-04	2.486759E-03	2.292828E-04
21183	G	-4.663326E-03	-3.005789E-03	-4.592001E-02	0.0	2.201310E-04	4.963993E-05
21187	G	-5.870994E-03	-1.020798E-02	-4.649919E-02	0.0	4.244546E-05	-4.611149E-04
21321	G	-1.791895E-02	-3.839862E-03	-4.988851E-02	0.0	0.0	0.0
21323	G	-1.351398E-02	-4.630804E-03	-4.817.43E-02	0.0	0.0	0.0
21325	G	-1.075514E-02	-5.430538E-03	-4.736016E-02	0.0	0.0	0.0
21327	G	-1.009408E-02	-6.237473E-03	-4.901391E-02	0.0	0.0	0.0
21329	G	-9.347618E-03	-6.985173E-03	-5.241496E-02	0.0	0.0	0.0
21341	G	3.833644E-03	-8.654155E-03	-5.045734E-02	-5.650697E-04	2.872476E-03	2.098591E-03
21343	G	1.539222E-02	-8.535214E-03	-4.720661E-02	0.0	2.843686E-03	2.027285E-03
21345	G	3.217677E-02	-8.085359E-03	-4.563786E-02	0.0	2.325394E-03	5.870687E-04
21347	G	2.508815E-02	-7.859312E-03	-4.714206E-02	0.0	1.807102E-03	-1.951577E-03
21349	G	1.315641E-02	-7.873088E-03	-5.011576E-02	4.759897E-04	1.778312E-03	-2.326958E-03
21361	G	2.392067E-02	-6.389406E-03	-4.975753E-02	0.0	0.0	0.0
21363	G	2.230411E-02	-6.792888E-03	-4.604491E-02	1.883610E-04	-2.256304E-03	0.0
21364	G	2.048970E-02	-6.891627E-03	-4.537667E-02	0.0	0.0	0.0
21366	G	2.363937E-02	-8.132480E-03	-4.544877E-02	0.0	0.0	0.0
21367	G	2.672618E-02	-8.218464E-03	-4.607370E-02	-2.556350E-04	-2.720307E-03	0.0
21369	G	3.124698E-02	-8.566610E-03	-4.943609E-02	0.0	0.0	0.0
21383	G	-4.574042E-03	-2.928106E-03	-4.432675E-02	-1.299104E-03	-1.902221E-03	1.789781E-05
21387	G	-5.768724E-03	-1.122395E-02	-4.427724E-02	1.228568E-03	-2.314730E-03	-4.471052E-04
21485	G	0.0	-7.369678E-03	-2.087101E-02	1.383322E-05	0.0	0.0
21801	G	-2.857912E-02	-3.642754E-03	-5.676961E-02	0.0	0.0	0.0
21803	G	-3.019191E-02	-3.266633E-03	-5.793343E-02	0.0	0.0	0.0
21807	G	-2.720477E-02	-3.639875E-03	-5.876463E-02	0.0	0.0	0.0
21809	G	-2.245962E-02	-3.487609E-03	-5.851633E-02	0.0	0.0	0.0
21821	G	-1.718628E-02	-3.701348E-03	-5.815443E-02	0.0	0.0	0.0
21823	G	-1.341074E-02	-3.966570E-03	-5.712665E-02	0.0	0.0	0.0
21825	G	-1.006713E-02	-4.370945E-03	-5.870280E-02	0.0	0.0	0.0
21827	G	-9.442676E-03	-4.120223E-03	-5.829478E-02	0.0	0.0	0.0
21829	G	-9.012725E-03	-4.287731E-03	-5.984010E-02	0.0	0.0	0.0
22312	G	-2.425269E-02	-2.646703E-03	-6.535918E-02	0.0	0.0	0.0
22318	G	-1.825045E-02	-2.410715E-03	-6.693190E-02	0.0	0.0	0.0

22701		-2.814166E-02	1.221237E-03	-7.399555E-02	0.0	0.0	0.0
22703		-2.943539E-02	-8.821407E-04	-7.440307E-02	0.0	0.0	0.0
22707		-2.828014E-02	-1.566277E-03	-7.527218E-02	0.0	0.0	0.0
22709		-2.204892E-02	-1.464597E-03	-7.541424E-02	0.0	0.0	0.0
22721		-1.604668E-02	-2.402084E-03	-7.252127E-02	0.0	0.0	0.0
22723		-1.[illegible]263E-02	-1.830658E-03	-7.431620E-02	0.0	0.0	0.0
22725		-7.354882E-03	-1.832990E-03	-7.559496E-02	0.0	0.0	0.0
22727		-8.022877E-03	-1.738256E-03	-7.534045E-02	0.0	0.0	0.0
22729		8.342452E-03	-1.123026E-03	-7.438374E-02	0.0	0.0	0.0
23100		3.235365E-02	-1.316749E-03	-1.234750E-01	0.0	0.0	0.0
25001		-1.821186E-02	3.933530E-03	-1.407087E-01	0.0	0.0	0.0
25003		-2.019366E-02	3.268670E-03	-1.396059E-01	0.0	0.0	0.0
25005		-1.683886E-02	2.981642E-03	-1.389011E-01	0.0	0.0	0.0
25009		-1.242749E-02	2.331582E-03	-1.387745E-01	0.0	0.0	0.0
25021		-8.349962E-03	6.370138E-03	-1.434484E-01	0.0	0.0	0.0
25025		-1.666450E-03	3.445442E-03	-1.403745E-01	0.0	0.0	0.0
25029		-4.545401E-04	2.509523E-04	-1.407874E-01	0.0	0.0	0.0
25041		-1.919809E-05	5.940910E-03	-1.439356E-01	0.0	0.0	0.0
25045		0.0	4.752070E-03	-1.432314E-01	0.0	0.0	0.0
25049		9.501223E-03	3.643568E-03	-1.407473E-01	0.0	0.0	0.0
25061		8.995124E-03	5.768746E-03	-1.446861E-01	0.0	0.0	0.0
25065		1.031214E-02	5.623475E-03	-1.447783E-01	0.0	0.0	0.0
25069		2.001544E-02	5.529378E-03	-1.415429E-01	0.0	0.0	0.0
26801		-1.057006E-02	7.423198E-03	-1.515232E-01	0.0	0.0	0.0
26809		-7.921033E-03	7.502125E-03	-1.503751E-01	0.0	0.0	0.0
26821		1.123028E-03	8.684125E-03	-1.532493E-01	0.0	0.0	0.0
26825		5.693209E-03	9.668471E-03	-1.516432E-01	0.0	0.0	0.0
26829		7.134244E-03	8.599404E-03	-1.506986E-01	0.0	0.0	0.0
26841		3.512956E-04	1.200023E-02	-1.534283E-01	0.0	0.0	0.0
26845		0.0	1.155015E-02	-1.533708E-01	0.0	0.0	0.0
26849		9.037602E-03	1.106476E-02	-1.510364E-01	0.0	0.0	0.0
26861		-6.202727E-04	1.332771E-02	-1.537105E-01	0.0	0.0	0.0
26865		6.842654E-03	1.357555E-02	-1.552086E-01	0.0	0.0	0.0
26869		1.360467E-02	1.409925E-02	-1.516045E-01	0.0	0.0	0.0
29905		1.760929E-02	1.676242E-02	-1.174914E-01	0.0	0.0	0.0
29921		2.532846E-02	1.879073E-02	-1.238306E-01	0.0	0.0	0.0
29925		1.601417E-02	1.875659E-02	-1.178411E-01	0.0	0.0	0.0
29929		3.393083E-[illegible]	1.879073E-02	-1.115175E-01	0.0	0.0	0.0
29941		2.330743E-03	2.542495E-02	-1.265540E-01	0.0	0.0	0.0
29945		0.0	2.534153E-02	-1.190234E-01	0.0	0.0	0.0
29949		1.263124E-02	2.527620E-02	-1.121337E-01	0.0	0.0	0.0
29961		-1.589028E-02	4.204550E-02	-1.265783E-01	0.0	0.0	0.0
29965		-5.003070E-04	3.144909E-02	-1.193605E-01	0.0	0.0	0.0
29969		-7.011134E-03	4.204550E-02	-1.138831E-01	0.0	0.0	0.0
30045		8.778036E-03	2.553662E-02	-1.188986E-01	-5.164673E-04	-1.530944E-03	3.608274E-04
31745		8.079387E-03	3.178452E-02	-8.037656E-02	-6.585894E-04	-2.608203E-03	2.516217E-04
33845		9.784530E-03	3.632008E-02	-1.602877E-02	-8.868750E-04	-3.531227E-03	8.069372E-05
35945		2.511915E-03	3.562072E-02	6.697577E-02	-1.176649E-03	-4.323654E-03	-1.815327E-04
38045		-1.291516E-03	3.117661E-02	1.637759E-01	-1.557406E-03	-4.827779E-03	-5.106588E-04
40141		3.117118E-02	1.334615E-02	2.966149E-01	3.545525E-03	-4.733048E-03	-1.399353E-03
40142		1.712785E-02	1.334616E-02	2.613741E-01	2.643279E-03	-4.733048E-03	-1.260061E-03
40143		4.179541E-03	1.334615E-02	2.465450E-01	-4.978296E-05	-4.733048E-03	-1.026995E-03
40145		-5.427290E-03	1.334615E-02	2.653322E-01	-2.046444E-03	-4.733719E-03	-4.892161E-04
40147		-1.517636E-02	1.334618E-02	2.913494E-01	-4.896334E-03	-4.732918E-03	-1.125225E-03
40148		-3.091925E-02	1.334614E-02	3.696865E-01	-8.713212E-03	-4.732918E-03	-1.485588E-03
40149		-4.693000E-02	1.884614E-02	4.759154E-01	-1.099455E-02	-4.732918E-03	-1.700959E-03
42245		-8.830618E-03	-1.302304E-03	3.552114E-01	-2.612765E-03	-3.738570E-03	-1.320701E-03
44345		-1.007931E-02	3.367792E-02	4.120814E-01	-3.403825E-03	-1.563460E-03	-1.854146E-03
45245		-9.585284E-03	-4.674317E-02	4.232195E-01	-3.471417E-03	-1.836472E-04	-2.136775E-03
46445		-7.762767E-03	-7.130214E-02	4.110722E-01	-4.539210E-03	1.775249E-03	-2.520282E-03
48045		2.752295E-02	-4.993475E-02	3.771752E-01	-9.520244E-03	2.550146E-03	-2.962715E-03
48845		5.367538E-02	-3.704119E-02	3.516593E-01	-1.327631E-02	3.455796E-03	-1.206934E-02
49745		8.775425E-02	-3.294405E-02	3.177775E-01	-1.772913E-02	4.317913E-03	-1.701993E-02
50645		1.282487E-01	-1.563300E-02	2.772594E-01	-2.436799E-02	4.970167E-03	-2.309122E-02
51545		1.741926E-01	-4.468853E-02	2.312241E-01	-2.912017E-02	5.539965E-03	-3.041841E-02
52045		2.047418E-01	-4.559798E-02	2.017610E-01	-3.446071E-02	5.793087E-03	-4.884807E-02

61912	G	2.827100E-02	-4.344838E-03	3.265511E-02	9.934917E-05	1.093773E-03	-3.491099E-04
61913	G	2.666331E-02	-3.922525E-03	3.265511E-02	9.934917E-05	1.093773E-03	-8.294669E-04
61914	G	2.535845E-02	-3.502003E-03	3.265511E-02	9.934917E-05	1.093773E-03	-3.149105E-03
61916	G	1.246528E-02	-3.916033E-03	3.245521E-02	1.229133E-04	1.601588E-03	-5.627722E-04
61917	G	1.096208E-02	-3.792349E-03	3.245521E-02	1.229133E-04	1.601589E-03	7.747889E-04
61918	G	8.957796E-03	-3.566855E-03	3.245521E-02	1.229133E-04	1.601589E-03	-5.[illegible]202E-04
61922	G	2.019295E-02	-6.359645E-03	2.039116E-03	1.628066E-04	2.591775E-03	-8.9[illegible]079E-04
61923	G	1.791219E-02	-5.915618E-03	2.039116E-03	1.628066E-04	2.591775E-03	-9.[illegible]89258E-05
61924	G	1.581285E-02	-5.743543E-03	2.039116E-03	1.628066E-04	2.591775E-03	-1.500121E-03
61926	G	3.838747E-03	-5.082016E-03	2.043208E-03	1.825510E-04	2.512652E-03	-2.086046E-04
61927	G	2.130142E-03	-4.957899E-03	2.043208E-03	1.825510E-04	2.512653E-03	8.215237E-05
61928	G	-4.627646E-04	-4.771698E-03	2.043208E-03	1.825510E-04	2.512652E-03	9.[illegible]66851E-05
61934	G	2.386050E-03	-5.701160E-03	-5.058634E-02	2.640581E-04	2.875656E-03	-1.[illegible]211[illegible]7E-04
61935	G	4.656371E-04	-5.592162E-03	-5.058634E-02	2.640581E-04	2.875656E-03	[illegible].[illegible]8229E-03
61936	G	-1.547321E-03	-5.447321E-03	-5.058634E-02	2.640581E-04	2.875656E-03	5.[illegible]73621E-05
62211	G	3.452685E-02	-5.637258E-03	3.240941E-02	0.0	0.0	0.0
62213	G	2.931847E-02	-4.890506E-03	3.239548E-02	1.636276E-04	1.897818E-03	-8.[illegible]2537E-04
62217	G	8.853237E-03	-3.238130E-03	3.240734E-02	3.365441E-04	1.289424E-03	4.712208E-04
62219	G	4.544649E-03	-2.460878E-03	3.241502E-02	0.0	0.0	0.0
62221	G	2.799420E-02	-7.406950E-03	8.709345E-04	8.827767E-04	5.985871E-03	-5.854033E-04
62224	G	2.020660E-02	-6.618641E-03	8.698283E-04	-1.208711E-04	9.812263E-04	-1.401215E-03
62226	G	4.408870E-03	-5.137339E-03	8.591646E-04	1.999083E-04	2.798512E-03	-1.737257E-04
62229	G	-1.537[illegible]7E-03	-4.549447E-03	8.558262E-04	3.684747E-04	3.385640E-03	-1.796889E-05
62231	G	5.265120E-03	-8.913354E-03	-4.937373E-02	2.172818E-04	2.710955E-03	-1.736720E-04
62239	G	-1.653260E-03	-8.380344E-03	-4.937333E-02	4.468740E-04	2.947214E-03	4.466630E-05
62811	G	3.623502E-02	-6.339307E-03	3.087693E-02	0.0	0.0	0.0
62819	G	7.543304E-03	-2.965960E-03	3.083754E-02	0.0	0.0	0.0
62821	G	2.986995E-02	-7.788446E-03	-4.777829E-04	0.0	0.0	0.0
62829	G	1.580626E-03	-4.886314E-03	-4.893653E-04	0.0	0.0	0.0
62831	G	8.107021E-03	-8.479261E-03	-4.829525E-02	0.0	0.0	0.0
62839	G	1.300647E-03	-8.433167E-03	-4.829557E-02	0.0	0.0	0.0
63411	G	3.788529E-02	-6.711792E-03	2.910744E-02	0.0	0.0	0.0
63419	G	1.118027E-02	-3.403295E-03	2.910412E-02	0.0	0.0	0.0
63421	G	3.140483E-02	-8.135311E-03	-1.880794E-03	0.0	0.0	0.0
63429	G	4.904650E-03	-5.260315E-03	-1.874572E-03	0.0	0.0	0.0
63431	G	1.111761E-02	-9.033337E-03	-4.702602E-02	0.0	0.0	0.0
63439	G	4.421581E-03	-8.497480E-03	-4.702528E-02	0.0	0.0	0.0
64211	G	4.026714E-02	-7.577654E-03	2.707012E-02	0.0	0.0	0.0
64219	G	1.621224E-02	-4.153904E-03	2.706607E-02	0.0	0.0	0.0
64221	G	3.358052E-02	-8.609142E-03	-1.607262E-03	0.0	0.0	0.0
64229	G	9.510614E-03	-5.317838E-03	-1.501184E-03	3.746769E-04	3.217914E-03	-1.745965E-04
64231	G	1.532866E-02	-9.122210E-03	-4.522277E-02	0.0	0.0	0.0
64239	G	8.754980E-03	-8.589495E-03	-4.522435E-02	0.0	0.0	0.0
65011	G	4.264665E-02	-8.342307E-03	2.554627E-02	0.0	0.0	0.0
65019	G	2.110042E-02	-4.977535E-03	2.552050E-02	0.0	0.0	0.0
65021	G	3.566337E-02	-9.017579E-03	-5.173760E-03	0.0	0.0	0.0
65029	G	1.393277E-02	-6.420996E-03	-5.169205E-03	0.0	0.0	0.0
65031	G	1.939528E-02	-9.2[illegible]52E-03	-4.336400E-02	0.0	0.0	0.0
65039	G	1.287852E-02	-8.711927E-03	-4.336384E-02	0.0	0.0	0.0
65911	G	4.505970E-02	-8.354473E-03	2.435316E-02	0.0	0.0	0.0
65919	G	2.605967E-02	-5.997375E-03	2.447974E-02	0.0	0.0	0.0
65921	G	3.758422E-02	-9.345084E-03	-6.871872E-03	0.0	0.0	0.0
65929	G	1.826809E-02	-7.379426E-03	-6.946817E-03	4.119424E-04	3.595827E-03	-1.2[illegible]8083E-04
65931	G	2.341270E-02	-9.434104E-03	-4.141503E-02	0.0	0.0	0.0
65939	G	1.697855E-02	-8.895569E-03	-4.142047E-02	0.0	0.0	0.0
71912	G	3.282814E-02	-2.967058E-03	3.[illegible]35285E-02	-2.209962E-04	1.379438E-03	3.876720E-03
71913	G	3.105281E-02	-3.251339E-03	3.[illegible]35285E-02	-2.206862E-04	1.379438E-03	5.117743E-04
71914	G	2.940714E-02	-3.514856E-03	3.435785E-02	-2.203862E-04	1.379438E-03	3.609567E-03
71916	G	1.375278E-02	-4.237823E-03	3.441223E-02	-3.[illegible]9171E-04	2.456487E-03	1.008632E-03
71917	G	1.129384E-02	-4.554957E-03	3.441223E-02	-3.168171E-04	2.456487E-03	-2.606965E-04
71918	G	8.373074E-03	-4.931655E-03	3.441223E-02	-3.168171E-04	2.456487E-03	7.989705E-04
71922	G	2.511898E-02	-4.974194E-03	2.130067E-03	-2.321588E-04	2.739864E-03	4.665867E-04
71923	G	2.270791E-02	-5.178496E-03	2.130067E-03	-2.321588E-04	2.739864E-03	2.952127E-04
71924	G	2.048862E-02	-5.366545E-03	2.130067E-03	-2.321588E-04	2.739864E-03	9.129476E-04
71926	G	7.503923E-03	-6.154627E-03	2.120590E-03	-2.682859E-04	2.678365E-03	-3.379313E-04
71927	G	5.682632E-03	-6.337062E-03	2.120590E-03	-2.682859E-04	2.678365E-03	7.851656E-05

71963	S	2.433[illegible]E-03	-6.511714E-03	2.120549E-03	-2.662d59E-04	3.6783e5E-03	-6.125672E-04
71939	G	1.047149E-02	-8.360534E-03	-5.030306E-02	-2.316324E-04	1.775076E-03	-2.418414E-03
71935	S	9.335753E-03	-8.238778E-03	-5.030306E-02	-2.316324E-04	1.775076E-03	-2.418414E-03
71936	G	8.033201E-03	-8.370921E-03	-5.030306E-02	-2.316324E-04	1.775076E-03	-2.547986E-04
72211	S	3.850962E-03	-1.254289E-03	4.441405E-02	0.0	0.0	0.0
72215	S	3.233572E-02	-2.053415E-03	3.442455E-02	-3.615692E-04	1.363726E-03	5.229349E-04
72217	G	1.337772E-02	-4.441439E-03	3.461594E-02	-7.214346E-04	2.368314E-03	-2.595170E-04
72219	G	8.133853E-03	-5.638676E-03	3.462371E-02	0.0	0.0	0.0
72221	S	3.142350E-02	-3.799652E-03	1.233433E-03	-9.618014E-04	5.563489E-03	2.081696E-04
72224	S	2.813534E-02	-4.785426E-03	1.241709E-03	-4.133373E-05	1.534022E-03	6.391331E-04
72226	G	6.449367E-03	-6.441392E-03	1.333651E-03	-2.503942E-04	2.730354E-03	-3.438233E-04
72229	S	2.573034E-04	-7.142730E-03	1.365190E-03	-4.d956111E-04	3.767001E-03	-4.685526E-04
72231	G	3.100361E-03	-8.770537E-03	-5.044457E-02	5.943254E-04	1.436099E-04	-5.782438E-04
72239	S	8.814956E-04	-4.9d5554E-03	-5.039325E-02	1.855570E-04	2.443516E-03	-2.115772E-03
72411	G	3.802737E-02	-1.203655E-03	3.369033E-02	0.0	0.0	0.0
72419	S	7.452469E-03	-5.033554E-03	3.357516E-02	0.0	0.0	0.0
72421	G	3.122935E-02	-3.772031E-03	8.351691E-05	0.0	0.0	0.0
72429	S	4.759691E-04	-7.197425E-03	6.382d75E-05	0.0	0.0	0.0
72431	S	7.368895E-03	-5.956660E-03	-5.113602E-02	0.0	0.0	0.0
72439	S	6.193782E-04	-9.383213E-03	-5.113631E-02	0.0	0.0	0.0
73411	G	3.767bd8F-02	-8.738211E-04	3.258484E-02	0.0	0.0	0.0
73419	S	8.633796E-03	-5.468305E-03	3.255912E-02	0.0	0.0	0.0
73421	G	3.363143E-02	-3.813130E-03	-1.253629E-03	0.0	0.0	0.0
73429	G	1.699149E-03	-7.391211E-03	-1.251228E-03	0.0	0.0	0.0
73431	S	8.463175E-03	-9.122465E-03	-5.071361E-02	0.0	0.0	0.0
73439	S	1.0b9741E-03	-9.446286E-03	-5.071656E-02	0.0	0.0	0.0
74211	G	3.715267E-02	-9.193942E-04	3.173795E-02	0.0	0.0	0.0
74219	G	1.004707E-02	-5.365158E-03	3.170195E-02	0.0	0.0	0.0
74221	S	2.952d06E-02	-3.884697E-03	-2.874334E-03	0.0	0.0	0.0
74229	S	2.453877E-03	-7.459693E-03	-2.868374E-03	-4.749714E-04	3.627433E-03	-2.218743E-04
74231	S	9.967e19E-03	-9.354353E-03	-4.995301E-02	0.0	0.0	0.0
74234	S	1.5[illegible]E-03	-9.803773E-03	-4.995702E-02	0.0	0.0	0.0
75011	S	3.0e83[illegible]E-02	-5.744211E-05	3.173229E-02	0.0	0.0	0.0
75019	S	1.132348E-02	-5.137524E-03	3.166402E-02	0.0	0.0	0.0
75021	S	2.848474E-02	-4.023304E-03	-4.287736E-03	0.0	0.0	0.0
75029	G	3.061535E-03	-7.5d9483E-03	-4.301317E-03	0.0	0.0	0.0
75031	S	9.407587E-03	-9.474363E-03	-4.895116E-02	0.0	0.0	0.0
75039	S	1.775441E-04	-9.999029E-03	-4.895176E-02	0.0	0.0	0.0
75911	S	3.613620E-02	-7.352921E-05	3.243796E-02	0.0	0.0	0.0
75919	G	1.368301E-02	-4.613023E-03	3.267961E-02	0.0	0.0	0.0
75921	G	2.099834E-02	-4.335907E-03	-5.911d85E-03	0.0	0.0	0.0
75929	G	3.513453E-03	-7.752579E-03	-5.977314E-03	-6.121276E-04	6.423123E-03	-3.542279E-04
75931	S	9.749765E-03	-9.431377E-03	-4.759823E-02	0.0	0.0	0.0
75939	G	2.042e40E-03	-7.948624E-03	-4.761131E-02	0.0	0.0	0.0
122400	G	3.705570E-02	-2.155430E-02	-7.662517E-02	-1.546320E-04	2.642524E-03	7.878051E-04
123467	G	1.905741E-02	-3.802552E-03	-1.024032E-01	0.0	0.0	0.0
123867	G	3.330125E-02	-1.438766E-02	-1.015310E-01	0.0	0.0	0.0
124800	G	3.705570E-02	-2.755763E-03	-1.397315E-01	-1.546320E-04	2.642524E-03	7.878051E-04
125063	S	9.257834E-03	5.768746E-03	-1.447342E-01	0.0	0.0	0.0
125065	G	1.147235E-02	5.623475E-03	-1.443914E-01	0.0	0.0	0.0
125067	G	1.810353E-02	5.529378E-03	-1.415429E-01	0.0	0.0	0.0
125383	G	1.311624E-02	5.800230E-04	-1.556696E-01	0.0	0.0	0.0
125387	G	3.159973E-02	5.802230E-04	-1.520410E-01	0.0	0.0	0.0
126863	S	1.802275E-03	1.332771E-02	-1.541967E-01	0.0	0.0	0.0
126867	G	9.518556E-03	1.400925E-02	-1.527743E-01	0.0	0.0	0.0
127200	G	3.705570E-02	1.674179E-02	-2.053161E-01	-1.546320E-04	2.642524E-03	7.878051E-04
189073	S	-8.059443E-02	-2.461496E-03	-8.658302E-02	-6.d8d548E-04	-1.098513E-02	-9.057314E-05
189077	G	-8.279629E-02	2.461496E-03	-6.953382E-02	-6.888548E-04	-1.098513E-02	-9.057314E-05
200073	S	1.492152E-03	-3.5a726eE-03	3.245201E-02	-6.8d8548E-04	-1.398513E-02	-9.057314E-05
200078	S	-4.186540E-02	-3.372622E-03	3.245201E-02	-6.888548E-04	-1.398513E-02	-9.057314E-05
200079	G	-9.797615E-02	2.532205E-03	3.250285E-02	-6.900760E-04	-1.105487E-02	-9.057314E-05
200086	S	-1.933564E-01	3.377163E-03	3.262652E-02	-7.0d1304E-04	-1.276230E-02	-9.057314E-05
200087	G	-1.785289E-01	2.031617E-03	3.262652E-02	-6.938729E-04	-1.129643E-02	-9.057314E-05
200095	S	-2.941569E-01	9.522129E-03	3.277d41E-02	-6.239263E-04	-9.919561E-03	-9.057314E-05
200096	S	-2.7d68e1E-01	8.713224E-03	3.277d81E-02	-5.948626E-04	-1.143883E-02	-9.057314E-05
200131	G	-3.431032E-01	1.265215E-02	3.287429E-02	-4.757110E-04	-7.304255E-03	-9.057314E-05

200106	G	-1.744963E-01	1.475143E-02	3.305721E-02	-3.084713E-04	-4.341494E-03	-9.057314E-05
200114	G	-1.885974E-01	1.614149E-02	3.333203E-02	-3.962066E-05	6.400006E-04	-9.057314E-05
200121	G	-1.665029E-01	1.382257E-02	3.357249E-02	1.933956E-04	5.493962E-03	-9.057314E-05
200129	G	-1.027977E-01	1.308088E-02	3.394731E-02	4.262831E-04	1.321956E-02	-9.057314E-05
200137	G	-2.064740E-01	8.953421E-03	3.384731E-02	5.947137E-04	1.364562E-02	-9.057314E-05
200145	G	-8.039124E-02	3.743586E-03	3.384731E-02	6.963469E-04	1.571764E-02	-9.057314E-05
200153	G	3.731835E-02	-1.528342E-03	3.384731E-02	7.288731E-04	1.638076E-02	-9.057314E-05
200155	G	7.351965E-02	-3.439145E-03	3.384731E-02	7.288731E-04	1.638076E-02	-9.057314E-05
211001	G	1.264299E-01	5.597917E-02	-1.840131E-02	1.651761E-03	-1.482330E-03	-4.006689E-04
211002	G	9.266317E-02	-1.034669E-01	-6.448895E-03	-1.878704E-03	-1.236067E-03	1.276450E-03
211073	G	-8.054453E-02	-4.434168E-03	1.526732E-01	-6.888548E-04	-1.098513E-02	-9.057314E-05
211077	G	-8.278620E-02	-4.434168E-03	1.697223E-01	-6.888548E-04	-1.098513E-02	-9.057314E-05
214075	G	-8.166540E-02	-4.695961E-03	1.917365E-01	-6.888548E-04	-1.098513E-02	-9.057314E-05
214901	G	1.264299E-01	4.018079E-02	4.004696E-02	1.651761E-03	-1.482330E-03	-4.006689E-04
214902	G	9.266317E-02	-5.313645E-02	4.228922E-02	-1.878704E-03	-1.236067E-03	1.276450E-03
215101	G	3.356195E-02	4.165240E-03	7.232761E-02	2.016531E-03	-5.941752E-03	2.144445E-03
215102	G	2.597208E-02	-8.599523E-03	7.639303E-02	-2.177984E-03	-4.977357E-03	-1.284478E-03
215201	G	-2.185438E-02	1.822161E-03	1.012477E-01	1.107395E-03	-6.171208E-03	1.148167E-03
215202	G	-1.805564E-02	-2.359822E-03	1.044539E-01	-9.273230E-04	-5.664326E-03	-1.117902E-03
222001	G	1.261368E-01	-6.799579E-02	-1.745027E-02	-2.491457E-03	-1.552965E-03	1.006986E-04
222002	G	9.243631E-02	9.352434E-02	1.474231E-02	4.052285E-03	-1.629826E-03	5.640734E-04
222201	G	3.982575E-02	-1.380293E-02	-3.884636E-02	-2.513151E-03	-5.137224E-03	2.274324E-03
222202	G	2.046599E-02	1.242861E-02	-2.427579E-02	3.720799E-03	-6.698388E-03	-1.429699E-03
222301	G	-1.825045E-02	-2.413715E-03	-6.693193E-02	-1.365138E-03	-5.444139E-03	1.417451E-03
222302	G	-2.425269E-02	-2.646733E-03	-6.535918E-02	1.731447E-03	-5.198345E-03	-8.503399E-04
223401	G	1.261368E-01	-6.653059E-02	5.145386E-03	-2.491457E-03	-1.552965E-03	1.006986E-04
223402	G	9.243631E-02	1.017316E-01	3.845598E-02	4.052285E-03	-1.629826E-03	5.640734E-04
520018	G	2.945039E-01	4.559008E-02	1.416549E-01	-3.335913E-02	5.793087E-03	-3.865309E-02
520024	G	3.184703E-01	4.559008E-02	1.209729E-01	-3.335594E-02	5.793087E-03	-3.866031E-02
520057	G	4.483134E-01	4.559167E-02	1.069547E-02	-3.466452E-02	5.793087E-03	-4.229563E-02
520065	G	4.813861E-01	4.559203E-02	-1.598880E-02	-3.559302E-02	5.793087E-03	-4.483819E-02
520068	G	4.962162E-01	4.559220E-02	-2.924630E-02	-3.607688E-02	5.793087E-03	-4.616809E-02
520079	G	5.501167E-01	4.559577E-02	-6.895149E-02	-3.741768E-02	5.793087E-03	-4.984316E-02
520135	G	8.844758E-01	4.562108E-02	-2.992322E-01	-4.353985E-02	5.793087E-03	-6.643921E-02
520139	G	9.118189E-01	4.562344E-02	-3.161231E-01	-4.372202E-02	5.793087E-03	-6.691164E-02
520152	G	1.000000E 00	4.563092E-02	-3.736049E-01	-4.395778E-02	5.793087E-03	-6.751484E-02
520185	G	1.222663E 00	4.563092E-02	-5.185773E-01	-4.395778E-02	5.793087E-03	-6.751484E-02

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 3.245896E 04

REAL EIGENVECTOR NO. 25

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	3.7ooB39E-03	6.3461[illegible]E-[illegible]	1.4[illegible]E-02	0.0	0.0	0.0
3333	G	-3.164957E-03	6.6[illegible]E-02	-2.215266E-03	0.0	0.0	0.0
3341	G	1.631581E-03	6.5195444E-02	1.4621326-02	0.0	0.0	0.0
3349	G	3.868861E-04	6.5083399E-02	-2.668669E-03	0.0	0.0	0.0
4631	G	8.519568E-03	5.726001E-02	2.134631E-02	0.0	0.0	0.0
4633	G	6.329339E-03	6.2457658-02	1.787394E-02	0.0	0.0	0.0
4637	G	-6.423054E-03	6.237698E-02	-8.611407E-03	0.0	0.0	0.0
4639	G	-7.706642E-03	5.723743E-02	-1.238056E-02	0.0	0.0	0.0
4641	G	8.928102E-03	4.655605E-02	2.262364E-02	0.0	0.0	0.0
4649	G	-6.890636E-03	4.660723E-02	-1.334902E-02	0.0	0.0	0.0
4661	G	6.655036E-03	3.436649E-02	1.878830E-02	0.0	0.0	0.0
4669	G	-2.711166E-03	3.4937649E-02	-9.498224E-03	0.0	0.0	0.0
6123	G	6.942131E-03	5.909581E-02	1.925953E-02	0.0	0.0	0.0
6127	G	-8.136292E-03	5.921360E-02	-1.337377E-02	0.0	0.0	0.0
6131	G	9.722371E-03	5.090868E-02	2.512344E-02	0.0	0.0	0.0
6133	G	6.901324E-03	5.089698E-02	1.930473E-02	0.0	0.0	0.0
6137	G	-6.892826E-03	5.094739E-02	-1.342181E-02	0.0	0.0	0.0
6139	G	-9.732593E-03	5.095772E-02	-1.921511E-02	0.0	0.0	0.0
6141	G	1.040863E-02	3.860117E-02	2.604451E-02	0.0	0.0	0.0
6[illegible]	G	6.831173E-03	3.860357E-02	1.949409E-02	0.0	0.0	0.0
6147	G	-5.297616E-03	3.882642E-02	-1.357671E-02	0.0	0.0	0.0
6149	G	-9.975875E-03	3.882642E-02	-2.011593E-02	0.0	0.0	0.0
6161	G	1.066891E-02	3.021647E-02	2.660361E-02	0.0	0.0	0.0
6163	G	6.693250E-03	3.022319E-02	1.959416E-02	0.0	0.0	0.0
6167	G	-9.193946E-03	3.051604E-02	-1.366719E-02	0.0	0.0	0.0
6169	G	-8.128845E-03	3.053451E-02	-2.071497E-02	0.0	0.0	0.0
[illegible]71	G	6.457001E-[illegible]	2.[illegible]E-02	1.931489E-02	0.0	0.0	0.0
6179	G	-1.712655E-[illegible]	2.[illegible]E-02	-1.218323E-02	0.0	0.0	0.0
7031	G	1.041744E-02	4.406579E-02	0.0	0.0	0.0	0.0
7033	G	6.737550E-03	4.402341E-02	1.948082E-02	0.0	0.0	0.0
7037	G	-6.753149E-03	4.402341E-02	-1.545213E-02	0.0	0.0	0.0
7039	G	-1.042478E-02	4.403590E-02	0.0	0.0	0.0	0.0
7043	G	6.883919E-03	0.0	1.934351E-02	0.0	0.0	0.0
7047	G	-5.272245E-03	0.0	-1.534027E-02	0.0	0.0	0.0
7061	G	1.136426E-02	2.147394E-02	2.456137E-02	0.0	0.0	0.0
7063	G	7.000074E-03	2.147893E-02	1.931131E-02	0.0	0.0	0.0
7067	G	-4.295520E-03	2.212432E-02	-1.531304E-02	0.0	0.0	0.0
7069	G	-8.541562E-03	2.209156E-02	-2.137322E-02	0.0	0.0	0.0
7071	G	1.700864E-02	0.0	2.060641E-02	0.0	0.0	0.0
7079	G	-1.361868E-02	0.0	-1.796379E-02	0.0	0.0	0.0
7505	G	-1.554951E-03	6.702721E-02	1.541249E-03	1.746648E-03	1.004457E-04	-6.785376E-04
8300	G	2.725318E-03	-3.314294E-03	7.383090E-04	0.0	0.0	0.0
8531	G	1.167992E-02	3.403340E-02	0.0	0.0	0.0	0.0
8533	G	6.787550E-03	3.420497E-02	1.802737E-02	0.0	0.0	0.0
8537	G	-6.783199E-03	3.420497E-02	-1.690553E-02	0.0	0.0	0.0
8539	G	-1.169250E-02	3.406506E-02	0.0	0.0	0.0	0.0
8543	G	8.827209E-03	0.0	1.776556E-02	0.0	0.0	0.0
8547	G	-5.201373E-03	0.0	-1.659195E-02	0.0	0.0	0.0
8561	G	1.101674E-02	1.367252E-02	2.407774E-02	0.0	0.0	0.0
8563	G	7.384986E-03	1.371018E-02	1.768206E-02	0.0	0.0	0.0
8567	G	-4.696362E-03	1.332116E-02	-1.650612E-02	0.0	0.0	0.0
8569	G	-8.550577E-03	1.332315E-02	-2.314506E-02	0.0	0.0	0.0
8571	G	1.595066E-02	0.0	2.091838E-02	0.0	0.0	0.0
8579	G	-1.299596E-02	0.0	-2.056605E-02	0.0	0.0	0.0
9303	G	1.272497E-02	5.351910E-02	1.308367E-02	0.0	0.0	0.0
9307	G	-9.8[illegible]E-03	5.[illegible]E-02	-1.361[illegible]E-02	0.0	0.0	0.0

9313	G	1.3090608E-02	4.4890578E-02	1.3181398E-02	0.0	0.0	0.0
9317	G	-9.2864828E-03	4.4816758E-02	-1.3719188E-02	0.0	0.0	0.0
9331	G	1.2734138E-02	2.6930458E-02	2.3073718E-02	0.0	0.0	0.0
9333	G	6.3607428E-03	2.6957068E-02	1.3659598E-02	0.0	0.0	0.0
9337	G	-5.2310328E-03	2.7239998E-02	-1.4361608E-02	0.0	0.0	0.0
9339	G	-1.2273918E-02	2.7287598E-02	-2.2229298E-02	0.0	0.0	0.0
9341	G	0.0	1.3037088E-02	2.5842548E-02	0.0	0.0	0.0
9343	G	6.6166468E-03	1.2867578E-02	1.3549828E-02	0.0	0.0	0.0
9347	G	-5.0977548E-03	1.2486448E-02	-1.4608848E-02	0.0	0.0	0.0
9349	G	0.0	1.2328058E-02	-2.5123408E-02	0.0	0.0	0.0
9361	G	1.0323498E-02	3.1777178E-03	2.3599548E-02	0.0	0.0	0.0
9363	G	7.2197548E-03	3.1672088E-03	1.3380138E-02	0.0	0.0	0.0
9367	G	-4.7081638E-03	3.0873828E-03	-1.4655248E-02	0.0	0.0	0.0
9369	G	-7.8478758E-03	3.0952248E-03	-2.3732438E-02	0.0	0.0	0.0
9371	G	1.1315458E-02	-5.1496408E-03	2.2987548E-02	0.0	0.0	0.0
9373	G	0.0	-5.2347228E-03	1.4734198E-02	0.0	0.0	0.0
9377	G	0.0	-5.0096398E-03	-1.5265138E-02	0.0	0.0	0.0
9379	G	-8.4078578E-03	-4.8283388E-03	-2.3288378E-02	0.0	0.0	0.0
11300	G	1.1925488E-02	6.3990508E-03	1.9118718E-02	0.0	0.0	0.0
11503	G	1.0438668E-02	1.8909288E-02	0.0	0.0	0.0	0.0
11507	G	-6.3902478E-03	1.8939288E-02	0.0	0.0	0.0	0.0
11531	G	1.1026178E-02	9.5440308E-03	0.0	0.0	0.0	0.0
11533	G	5.3319528E-03	9.5203638E-03	8.5492028E-03	0.0	0.0	0.0
11537	G	-4.3402698E-03	9.6245568E-03	-1.2382978E-02	0.0	0.0	0.0
11539	G	-1.0081378E-02	9.6605728E-03	0.0	0.0	0.0	0.0
11543	G	5.8733868E-03	5.9067258E-04	8.5388988E-03	0.0	0.0	0.0
11547	G	-4.5020738E-03	5.9067258E-04	-1.2398188E-02	0.0	0.0	0.0
11561	G	8.0443628E-03	-7.5183858E-03	1.4960328E-02	0.0	0.0	0.0
11563	G	6.3165508E-03	-7.5428158E-03	8.5154968E-03	0.0	0.0	0.0
11567	G	-4.2428758E-03	-6.6610028E-03	-1.2386808E-02	0.0	0.0	0.0
11569	G	-5.9618438E-03	-6.6391718E-03	-1.6835718E-02	0.0	0.0	0.0
11571	G	1.3330698E-02	0.0	1.3382068E-02	0.0	0.0	0.0
11579	G	-1.0980568E-02	0.0	-1.5610358E-02	0.0	0.0	0.0
11700	G	-4.4048398E-03	5.8029338E-03	-1.8227488E-02	0.0	0.0	0.0
13500	G	-9.4608268E-05	-1.9907788E-02	-2.3784488E-03	0.0	0.0	0.0
13801	G	5.0230108E-03	5.3947958E-04	4.3793408E-03	0.0	0.0	0.0
13803	G	9.6228008E-03	1.2749318E-03	2.5356808E-03	0.0	0.0	0.0
13807	G	-1.3242598E-03	1.2510458E-03	-7.0843068E-03	0.0	0.0	0.0
13809	G	-7.7245598E-04	5.1192478E-04	-9.1474248E-03	0.0	0.0	0.0
13821	G	2.6789658E-03	-3.2114238E-03	5.1329698E-03	0.0	0.0	0.0
13823	G	2.9699448E-03	-3.2455738E-03	2.6702198E-03	0.0	0.0	0.0
13827	G	2.2505028E-04	-3.2630848E-03	-7.2000108E-03	0.0	0.0	0.0
13829	G	4.8879378E-04	-3.2169988E-03	-1.0008138E-02	0.0	0.0	0.0
13831	G	9.6166258E-03	-6.1004168E-03	5.5113368E-03	0.0	0.0	0.0
13833	G	3.9619438E-03	-6.1070218E-03	3.0795118E-03	0.0	0.0	0.0
13837	G	-2.1813158E-03	-6.2021698E-03	-7.3914578E-03	0.0	0.0	0.0
13839	G	-7.8908588E-03	-6.2602318E-03	-1.0781628E-02	0.0	0.0	0.0
13841	G	0.0	-1.0767438E-02	6.2641878E-03	0.0	0.0	0.0
13843	G	4.4568298E-03	-1.0667998E-02	3.2271248E-03	0.0	0.0	0.0
13847	G	-2.7793258E-03	-1.0681678E-02	-7.3941728E-03	0.0	0.0	0.0
13848	G	-2.7521788E-03	-8.8946048E-03	-7.5009138E-03	0.0	0.0	0.0
13849	G	0.0	-8.9692068E-03	-8.0643078E-03	0.0	0.0	0.0
13861	G	4.1783048E-03	-1.4205968E-02	6.4727408E-03	0.0	0.0	0.0
13863	G	4.6318328E-03	-1.4196098E-02	3.2795968E-03	0.0	0.0	0.0
13867	G	-3.2601788E-03	-1.1973338E-02	-7.7338798E-03	0.0	0.0	0.0
13869	G	-3.9652628E-03	-1.1990008E-02	-1.0646668E-02	0.0	0.0	0.0
13871	G	6.1799368E-03	0.0	6.9469668E-03	0.0	0.0	0.0
13879	G	-9.8893618E-03	0.0	-9.0031148E-03	0.0	0.0	0.0
14801	G	5.0230108E-03	-4.3760358E-03	5.9609498E-03	0.0	0.0	0.0
14803	G	2.9732288E-03	-4.3083348E-03	3.1855968E-03	0.0	0.0	0.0
14807	G	1.3368328E-03	-3.9966698E-03	-6.6250798E-03	0.0	0.0	0.0
14809	G	-7.7245598E-04	-4.3658548E-03	-9.3894308E-03	0.0	0.0	0.0
14821	G	2.0103068E-03	-7.9990638E-03	6.5865338E-03	0.0	0.0	0.0
14823	G	2.4836748E-03	-8.1432628E-03	3.1855968E-03	0.0	0.0	0.0
14827	G	7.3435398E-04	-8.1413958E-03	-6.6250798E-03	0.0	0.0	0.0
14829	G	1.1690798E-03	-7.9940938E-03	-1.0000268E-02	0.0	0.0	0.0

18661		-1.741[illegible]E-03	-1.[illegible]E-03	2.187135E-03	-2.[illegible]E-04	3.[illegible]E-04	-1.[illegible]E-04
18662		-1.476777E-03	-1.[illegible]E-03	2.[illegible]E-03	1.[illegible]E-04	2.[illegible]E-04	-5.352304E-05
18663		-2.[illegible]E-03	-1.[illegible]E-03	1.803354E-03	2.691250E-04	2.750340E-04	-8.802467E-06
18664		-1.[illegible]E-03	-1.[illegible]E-03	1.159077E-03	0.0	0.0	1.542243E-04
18665		-3.[illegible]E-04	-1.[illegible]E-03	3.816499E-04	0.0	0.0	2.306609E-04
18666		9.[illegible]E-04	-1.[illegible]E-03	-3.746344E-04	0.0	0.0	2.132004E-04
18667		2.[illegible]E-03	-1.[illegible]E-03	-9.644332E-04	2.[illegible]E-04	-2.[illegible]E-04	1.045615E-04
18668		2.[illegible]E-03	-1.[illegible]E-03	-1.249418E-03	1.032276E-04	-2.271466E-04	6.550641E-05
18669		2.[illegible]E-03	-1.[illegible]E-03	-1.327624E-03	-2.[illegible]E-04	-2.[illegible]E-04	-6.487801E-05
18681		6.[illegible]E-04	-1.[illegible]E-03	2.513921E-03	0.0	0.0	0.0
18683		1.[illegible]E-03	-1.[illegible]E-03	1.621414E-03	2.691250E-04	2.802142E-04	-3.523341E-05
18685		1.[illegible]E-04	-1.[illegible]E-03	3.847242E-04	0.0	0.0	0.0
18687		-8.431228E-04	-1.[illegible]E-03	-1.922691E-04	2.[illegible]E-04	-2.[illegible]E-04	-8.523339E-05
18689		-2.[illegible]E-04	-1.[illegible]E-03	-1.714302E-03	0.0	0.0	0.0
18983		1.339786E-03	-8.133281E-03	8.432576E-04	0.0	9.739938E-05	-2.533651E-04
18987		-9.173593E-04	-8.109330E-03	-1.357909E-04	0.0	-6.931063E-05	-2.541491E-04
19741		-2.533[illegible]E-03	-1.097905E-02	1.726954E-03	-3.365143E-05	-9.[illegible]E-06	1.465642E-04
19742		-1.410325E-03	-1.056749E-02	1.208673E-03	1.[illegible]E-04	-6.101644E-05	1.428813E-04
19743		-1.089562E-03	-1.049041E-02	9.313335E-04	0.0	-4.[illegible]E-05	1.523877E-04
19745		1.943629E-04	-1.035789E-02	3.457356E-04	0.0	0.0	1.662090E-04
19747		1.[illegible]E-03	-1.044254E-02	-3.129267E-04	0.0	5.[illegible]E-05	1.462695E-04
19748		1.759686E-03	-1.050882E-02	-6.313670E-04	1.405509E-04	7.447999E-05	1.352297E-04
19749		2.029277E-03	-1.090665E-02	-1.278031E-03	-1.[illegible]E-05	3.649497E-05	1.366391E-04
19751		-2.710497E-03	-9.539634E-03	1.723023E-03	-4.806797E-05	-8.034198E-05	6.955006E-05
19752		-1.803185E-03	-9.956628E-03	1.179960E-03	1.087778E-04	-2.077999E-05	1.433885E-04
19758		2.247476E-03	-9.979125E-03	-6.032209E-04	1.265981E-04	1.413827E-05	1.477179E-04
19759		3.193946E-03	-9.982538E-03	-1.272919E-03	-3.881491E-05	1.016483E-04	7.627592E-05
19761		-2.958427E-03	-1.300053E-02	1.734287E-03	1.127442E-04	-1.102149E-04	1.460446E-04
19762		-1.826823E-03	-1.014071E-02	1.162738E-03	6.876089E-05	-6.503132E-06	1.519163E-04
19763		-1.464103E-03	-1.020813E-02	9.636646E-04	0.0	-2.853695E-05	1.811993E-04
19765		2.222365E-04	-1.032845E-02	3.555617E-04	0.0	0.0	2.296323E-04
19767		1.929149E-03	-1.024836E-02	-3.508888E-04	0.0	3.938682E-05	1.863945E-04
19768		2.304720E-03	-1.018928E-02	-5.873688E-04	8.562338E-05	2.009158E-05	1.585805E-04
19769		3.488549E-03	-1.006391E-02	-1.283421E-03	1.274940E-04	1.278690E-04	1.529657E-04
21183		1.472540E-03	-2.259154E-02	5.934097E-03	0.0	2.750276E-05	-1.005160E-03
21187	G	-1.052277E-03	-2.260188E-02	-5.452082E-03	0.0	-2.566712E-05	-1.006793E-03
21321	G	-4.822638E-03	3.021490E-04	7.808913E-03	0.0	0.0	0.0
21323	G	-1.982239E-03	2.730603E-04	4.679963E-03	0.0	0.0	0.0
21325	G	1.638625E-03	2.655028E-04	2.049990E-04	0.0	0.0	0.0
21327	G	5.187713E-03	2.947217E-04	-4.328288E-03	0.0	0.0	0.0
21329	G	8.482572E-03	3.569985E-04	-7.649891E-03	0.0	0.0	0.0
21341	G	-3.010061E-03	-1.799040E-02	8.071750E-03	3.008945E-04	1.530811E-04	4.618459E-05
21343	G	-2.438447E-03	-1.776991E-02	5.721487E-03	0.0	1.430706E-04	1.508682E-04
21345	G	2.058730E-03	-1.744037E-02	2.377064E-04	0.0	-3.714433E-05	4.560049E-04
21347	G	5.081922E-03	-1.778283E-02	-5.231176E-03	0.0	-2.173593E-04	-9.479588E-05
21349	G	4.203169E-03	-1.800565E-02	-7.569101E-03	3.069106E-04	-2.273697E-04	-2.270590E-04
21361	G	-4.494611E-03	-2.076568E-02	7.831138E-03	0.0	0.0	0.0
21363	G	-2.850196E-03	-2.076713E-02	5.729750E-03	3.279857E-04	3.635632E-04	0.0
21364	G	-1.457136E-03	-2.076248E-02	2.855092E-03	0.0	0.0	0.0
21366	G	1.982966E-03	-2.078020E-02	-2.381842E-03	0.0	0.0	0.0
21367	G	3.273819E-03	-2.078932E-02	-5.255576E-03	3.250942E-04	-3.638968E-04	0.0
21369	G	4.985936E-03	-2.078998E-02	-7.370349E-03	0.0	0.0	0.0
21383	G	1.456706E-03	-2.486690E-02	5.606398E-03	3.224947E-04	3.007732E-04	-1.036612E-03
21387	G	-1.036391E-03	-2.488058E-02	-5.127102E-03	3.261960E-04	-3.008950E-04	-1.038057E-03
21485	G	0.0	-2.613175E-02	2.789691E-04	5.174405E-04	0.0	0.0
21801	G	-4.652780E-03	6.203417E-03	5.848907E-03	0.0	0.0	0.0
21803	G	-2.258228E-03	6.893970E-03	4.336212E-03	0.0	0.0	0.0
21807	G	6.362908E-03	6.874792E-03	-3.419264E-03	0.0	0.0	0.0
21809	G	8.746676E-03	6.170787E-03	-5.076583E-03	0.0	0.0	0.0
21821	G	-4.951775E-03	3.537742E-03	7.461462E-03	0.0	0.0	0.0
21823	G	-2.242436E-03	3.393435E-03	4.427325E-03	0.0	0.0	0.0
21825	G	1.651085E-03	3.224623E-03	4.501953E-04	0.0	0.0	0.0
21827	G	5.499065E-03	3.374358E-03	-3.623615E-03	0.0	0.0	0.0
21829	G	8.486133E-03	3.513030E-03	-6.581794E-03	0.0	0.0	0.0
22312	G	-4.627559E-03	8.123059E-03	5.638797E-03	0.0	0.0	0.0
22318	G	8.481413E-03	8.109199E-03	-4.341219E-03	0.0	0.0	0.0

61912	G	-1.440949E-03	-1.680995E-03	1.718735E-03	-2.920206E-04	3.132597E-04	-2.434762E-04
61913	G	-1.844114E-03	-2.056876E-03	1.718735E-03	-2.920206E-04	3.132597E-04	1.083875E-04
61914	G	-2.217832E-03	-2.205205E-03	1.718735E-03	-2.920206E-04	3.132597E-04	-1.119590E-05
61916	G	-2.922211E-03	-2.468257E-03	1.738459E-03	-2.911147E-04	2.194049E-04	8.928115E-05
61917	G	-3.141835E-03	-2.739664E-03	1.738459E-03	-2.911147E-04	2.194049E-04	-8.923362E-04
61918	G	-3.402708E-03	-2.105799E-03	1.738459E-03	-2.911147E-04	2.194049E-04	2.227823E-04
61922	G	-2.886876E-03	-2.944364E-03	1.541157E-03	-2.304841E-04	-1.118962E-04	-2.907640E-04
61923	G	-2.788407E-03	-2.146892E-03	1.541157E-03	-2.304841E-04	-1.118962E-04	4.526948E-05
61924	G	-2.697771E-03	-2.333581E-03	1.541157E-03	-2.304841E-04	-1.118962E-04	-3.597520E-04
61926	G	-2.801393E-03	-2.110896E-02	1.450237E-03	-3.742951E-04	-7.640348E-05	-8.847481E-04
61927	G	-2.749438E-03	-2.136348E-02	1.450237E-03	-3.742951E-04	-7.640348E-05	1.483747E-04
61928	G	-2.671507E-03	-2.174526E-02	1.450237E-03	-3.742951E-04	-7.640348E-05	-9.649908E-04
61934	G	-2.954602E-03	-1.786250E-02	7.497095E-03	-8.909025E-04	1.541867E-04	-7.344696E-04
61935	G	-3.053282E-03	-1.843267E-02	7.497095E-03	-8.909025E-04	1.541867E-04	1.742749E-05
61936	G	-3.161212E-03	-1.905631E-02	7.497095E-03	-8.909025E-04	1.541867E-04	-1.244566E-03
62211	G	-2.360790E-03	-1.143658E-03	-6.694291E-04	0.0	0.0	0.0
62213	G	-1.996290E-03	-3.336578E-03	-6.860406E-04	-8.816726E-04	5.450537E-04	4.055687E-05
62217	G	-6.499311E-04	-6.594390E-03	-1.050911E-03	-1.051450E-03	5.019458E-04	-7.654170E-04
62219	G	-2.786473E-04	-8.129727E-03	-1.069033E-03	0.0	0.0	0.0
62221	G	-2.204064E-03	-7.510163E-03	9.556557E-04	-1.009057E-03	-3.829841E-04	-3.275294E-04
62224	G	-1.562090E-03	-9.162273E-03	9.259742E-04	-5.188938E-04	-2.134133E-04	-3.506690E-04
62226	G	-2.526538E-04	-1.179443E-02	8.365423E-04	-3.589431E-04	4.657458E-04	-8.187681E-04
62229	G	3.077819E-04	-1.291211E-02	8.097123E-04	-9.013873E-04	-1.152145E-03	-8.154977E-04
62231	G	-2.679785E-04	-1.848330E-02	5.382221E-03	3.393057E-04	6.556455E-04	-6.079362E-04
62239	G	4.366045E-04	-1.928575E-02	5.356353E-03	-5.958155E-04	5.596178E-05	-1.108684E-03
62811	G	-6.888462E-04	-1.514443E-03	-5.873203E-03	0.0	0.0	0.0
62819	G	2.487180E-03	-8.205812E-03	-5.727235E-03	0.0	0.0	0.0
62821	G	-7.256861E-05	-7.613301E-03	-2.584421E-03	0.0	0.0	0.0
62829	G	3.317150E-03	-1.337479E-02	-2.535250E-03	0.0	0.0	0.0
62831	G	2.673012E-03	-1.857058E-02	3.496428E-03	0.0	0.0	0.0
62839	G	3.544532E-03	-1.957925E-02	3.494471E-03	0.0	0.0	0.0
63411	G	1.489161E-03	1.259827E-03	-1.066560E-02	0.0	0.0	0.0
63419	G	5.242970E-03	-8.995128E-03	-1.062805E-02	0.0	0.0	0.0
63421	G	2.263050E-03	-7.703179E-03	-6.199427E-03	0.0	0.0	0.0
63429	G	6.342933E-03	-1.382696E-02	-6.210987E-03	0.0	0.0	0.0
63431	G	5.206836E-03	-1.867830E-02	9.778931E-04	0.0	0.0	0.0
63439	G	6.599903E-03	-1.981240E-02	9.762826E-04	0.0	0.0	0.0
64211	G	4.297163E-03	-9.515891E-04	-1.883157E-02	0.0	0.0	0.0
64219	G	9.173490E-03	-8.977659E-03	-1.876361E-02	0.0	0.0	0.0
64221	G	5.525470E-03	-7.806506E-03	-1.230197E-02	0.0	0.0	0.0
64229	G	1.079393E-02	-1.439293E-02	-1.231316E-02	-8.840957E-04	-6.765306E-04	-5.682246E-04
64231	G	9.614874E-03	-1.867203E-02	-3.058767E-03	0.0	0.0	0.0
64239	G	1.110958E-02	-1.999324E-02	-3.061143E-03	0.0	0.0	0.0
65011	G	6.742314E-03	-7.623516E-04	-2.844964E-02	0.0	0.0	0.0
65019	G	1.282892E-02	-9.040873E-03	-2.835391E-02	0.0	0.0	0.0
65021	G	8.689217E-03	-7.952794E-03	-1.922894E-02	0.0	0.0	0.0
65029	G	1.311624E-02	-1.481441E-02	-1.919905E-02	0.0	0.0	0.0
65031	G	1.357581E-02	-1.842283E-02	-7.914998E-03	0.0	0.0	0.0
65039	G	1.553764E-02	-1.994215E-02	-7.917333E-03	0.0	0.0	0.0
65911	G	8.996267E-03	-1.024258E-03	-3.952406E-02	0.0	0.0	0.0
65919	G	1.624529E-02	-8.480456E-03	-3.985271E-02	0.0	0.0	0.0
65921	G	1.196252E-02	-8.533046E-03	-2.681736E-02	0.0	0.0	0.0
65929	G	1.943395E-02	-1.508861E-02	-2.670095E-02	-1.191932E-03	-1.504824E-03	-7.561047E-04
65931	G	1.737570E-02	-1.793621E-02	-1.377861E-02	0.0	0.0	0.0
65939	G	1.976477E-02	-1.953334E-02	-1.376815E-02	0.0	0.0	0.0
71912	G	2.221563E-03	-3.490130E-03	-8.655884E-04	-2.831933E-04	-2.108977E-04	-1.227894E-04
71913	G	2.492988E-03	-3.854600E-03	-8.655884E-04	-2.831933E-04	-2.108977E-04	5.700326E-05
71914	G	2.744589E-03	-4.192449E-03	-8.655884E-04	-2.831933E-04	-2.108977E-04	1.023232E-04
71916	G	3.119651E-03	-5.453948E-03	-8.377077E-04	-2.891631E-04	-7.547830E-05	2.213710E-04
71917	G	3.195205E-03	-5.743603E-03	-8.377077E-04	-2.891631E-04	-7.547830E-05	-8.101491E-04
71918	G	3.284949E-03	-6.087217E-03	-8.377077E-04	-2.891631E-04	-7.547830E-05	3.338917E-04
71922	G	3.399607E-03	-9.015664E-03	-1.105883E-03	-2.172969E-04	1.330644E-04	-3.045059E-04
71923	G	3.282511E-03	-9.206887E-03	-1.105883E-03	-2.172969E-04	1.330644E-04	5.280258E-05
71924	G	3.174728E-03	-9.382896E-03	-1.105883E-03	-2.172969E-04	1.330644E-04	-3.797282E-04
71926	G	3.101526E-03	-1.103327E-02	-1.024970E-03	-3.544609E-04	1.052136E-04	-8.882035E-04
71927	G	3.029981E-03	-1.127430E-02	-1.024970E-03	-3.544609E-04	1.052136E-04	1.378845E-04

200106		-2.817390E-04	1.197023E-02	4.361134E-04	-7.419268E-04	-3.457749E-06	-3.544854E-04
200114		-3.270714E-04	1.571753E-02	4.432443E-04	-1.092116E-04	-2.538781E-06	-3.544854E-04
200121		-3.259790E-04	1.494497E-02	4.438490E-04	3.790411E-04	3.122678E-06	-3.544854E-04
200129		-2.796852E-04	2.404202E-02	4.479731E-04	9.313351E-04	8.955073E-06	-3.544854E-04
200137		-1.491637E-04	2.084497E-02	4.479899E-04	1.331467E-03	1.256915E-05	-3.544854E-04
200145		-8.181766E-05	1.763747E-02	4.479899E-04	1.527272E-03	1.499259E-05	-3.544854E-04
200153		3.853733E-05	-1.846203E-03	4.479899E-04	1.653658E-03	1.576816E-05	-3.544854E-04
200155		7.338484E-05	-7.496141E-03	4.479899E-04	1.653658E-03	1.576816E-05	-3.544854E-04
211001		9.865347E-01	-7.193115E-01	-3.574409E-01	-3.811459E-03	-3.145016E-03	1.459220E-02
211002		-1.000000E 00	-7.243646E-01	3.598416E-01	-3.820460E-03	8.240949E-03	1.473473E-02
211073		4.587300E-03	-1.582441E-02	-1.967312E-02	-1.641775E-03	-1.307418E-05	-3.544854E-04
211077		-4.196111E-03	-1.582441E-02	2.095530E-02	-1.641775E-03	-1.307418E-05	-3.544854E-04
214375		1.955946E-04	-1.681140E-02	6.890416E-04	-1.641775E-03	-1.307418E-05	-3.544854E-04
214901		9.865347E-01	-1.429412E-01	-3.628292E-02	-3.811459E-03	-3.145016E-03	1.459220E-02
214902		-1.000000E 00	-1.433714E-01	3.490397E-02	-3.820460E-03	8.240949E-03	1.473473E-02
215101		3.444908E-01	-1.181025E-02	-1.446598E-02	-9.139740E-04	-2.459975E-02	2.294479E-02
215102		-3.460409E-01	-1.182053E-02	3.237952E-02	-8.919355E-04	2.512462E-02	2.326811E-02
215201		1.694692E-03	-9.882794E-03	-7.977090E-03	1.164178E-03	-1.260316E-02	6.648555E-03
215202		2.211415E-03	-9.893940E-03	5.014569E-03	1.194598E-03	1.317541E-02	6.805640E-03
222001		9.838436E-01	2.891363E-01	-3.513675E-01	1.683694E-02	-1.208551E-02	1.403726E-02
222002		-9.952801E-01	2.913070E-01	3.562444E-01	1.697449E-02	1.224465E-02	1.417070E-02
222201		3.397117E-01	3.362116E-02	-1.225027E-01	1.119747E-02	-2.476052E-02	2.035333E-02
222202		-3.417350E-01	3.383049E-02	1.251143E-01	1.126982E-02	2.529154E-02	2.058089E-02
222301		8.481413E-03	8.108199E-03	-4.341219E-03	2.462365E-03	-1.266458E-02	6.349936E-03
222302		-4.627559E-03	8.123059E-03	5.638797E-03	2.497286E-03	1.324365E-02	6.482270E-03
223401		9.838436E-01	4.933785E-01	-1.755232E-01	1.683694E-02	-1.208551E-02	1.403726E-02
223402		-9.952801E-01	4.974906E-01	1.781247E-01	1.697449E-02	1.224465E-02	1.417070E-02
520018		-1.672350E-02	2.382282E-02	3.125023E-03	-1.588124E-03	-3.127437E-04	1.298943E-03
520024		-1.752896E-02	2.382282E-02	2.140437E-03	-1.587369E-03	-3.127437E-04	1.249485E-03
520057		-2.194731E-02	2.382376E-02	-3.137137E-03	-1.679384E-03	-3.127437E-04	1.473449E-03
520065		-2.311653E-02	2.382397E-02	-6.437536E-03	-1.744841E-03	-3.127437E-04	1.603402E-03
520068		-2.372169E-02	2.382407E-02	-5.089298E-03	-1.779726E-03	-3.127437E-04	1.668799E-03
520079		-2.562414E-02	2.382618E-02	-7.062271E-03	-1.872547E-03	-3.127437E-04	1.849406E-03
520135		-3.871225E-02	2.384115E-02	-1.894884E-02	-2.299499E-03	-3.127437E-04	2.664396E-03
520139		-3.980969E-02	2.384255E-02	-1.989449E-02	-2.512322E-03	-3.127437E-04	2.687499E-03
520152		-4.335104E-02	2.384697E-02	-2.293724E-02	-2.328159E-03	-3.127437E-04	2.716959E-03
520185		-5.231655E-02	2.384697E-02	-3.061549E-02	-2.328159E-03	-3.127437E-04	2.716959E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 4.061179E 04

REAL EIGENVECTOR NO. 26

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-8.136809E-02	4.574578E-01	6.873533E-01	0.0	0.0	0.0
3339	G	-1.346397E-01	4.582207E-01	6.727172E-01	0.0	0.0	0.0
3341	G	-4.064565E-02	5.415058E-01	6.837451E-01	0.0	0.0	0.0
3349	G	-1.795591E-02	5.403826E-01	6.643684E-01	0.0	0.0	0.0
4631	G	-4.656792E-02	3.861747E-01	5.461517E-01	0.0	0.0	0.0
4633	G	-9.611809E-02	3.958689E-01	5.395429E-01	0.0	0.0	0.0
4637	G	-1.952600E-01	3.957518E-01	4.897174E-01	0.0	0.0	0.0
4639	G	-1.698447E-01	3.867372E-01	4.780114E-01	0.0	0.0	0.0
4641	G	2.888591E-02	3.859806E-01	5.491793E-01	0.0	0.0	0.0
4649	G	-9.019554E-02	3.675348E-01	4.769453E-01	0.0	0.0	0.0
4661	G	9.050125E-02	3.423787E-01	5.618613E-01	0.0	0.0	0.0
4669	G	3.902318E-02	3.448040E-01	4.851909E-01	0.0	0.0	0.0
6123	G	-1.469955E-01	3.309649E-01	3.768701E-01	0.0	0.0	0.0
6127	G	-2.720786E-01	3.313640E-01	2.595499E-01	0.0	0.0	0.0
6131	G	-6.671995E-02	3.031915E-01	3.927634E-01	0.0	0.0	0.0
6133	G	-8.779502E-02	3.032461E-01	3.755141E-01	0.0	0.0	0.0
6137	G	-1.921076E-01	3.049054E-01	2.585407E-01	0.0	0.0	0.0
6139	G	-2.160439E-01	3.055511E-01	2.466368E-01	0.0	0.0	0.0
6141	G	1.386501E-02	2.662638E-01	3.931077E-01	0.0	0.0	0.0
6143	G	-1.565240E-02	2.662524E-01	3.784858E-01	0.0	0.0	0.0
6147	G	-1.013991E-01	2.854168E-01	2.566821E-01	0.0	0.0	0.0
6149	G	-1.341740E-01	2.853427E-01	2.469096E-01	0.0	0.0	0.0
6161	G	6.827873E-02	2.475753E-01	3.904789E-01	0.0	0.0	0.0
6163	G	3.406301E-02	2.475986E-01	3.802359E-01	0.0	0.0	0.0
6167	G	-3.708102E-02	2.745876E-01	2.559256E-01	0.0	0.0	0.0
6169	G	-7.147610E-02	2.742566E-01	2.457313E-01	0.0	0.0	0.0
6171	G	1.334771E-01	3.045037E-01	4.676583E-01	0.0	0.0	0.0
6179	G	1.036075E-01	3.053646E-01	3.639573E-01	0.0	0.0	0.0
7031	G	-6.028430E-02	2.516126E-01	0.0	0.0	0.0	0.0
7033	G	-8.787286E-02	2.512919E-01	2.936033E-01	0.0	0.0	0.0
7037	G	-1.892503E-01	2.512919E-01	1.457699E-01	0.0	0.0	0.0
7039	G	-2.172372E-01	2.517087E-01	0.0	0.0	0.0	0.0
7043	G	-1.259369E-02	0.0	2.877111E-01	0.0	0.0	0.0
7047	G	-9.963858E-02	0.0	1.440384E-01	0.0	0.0	0.0
7061	G	7.445395E-02	1.638066E-01	1.833963E-01	0.0	0.0	0.0
7063	G	4.480745E-02	1.638066E-01	2.857251E-01	0.0	0.0	0.0
7067	G	-2.959343E-02	2.101232E-01	1.431813E-01	0.0	0.0	0.0
7069	G	-7.737679E-02	2.096394E-01	6.266111E-02	0.0	0.0	0.0
7071	G	1.421727E-01	0.0	1.507137E-01	0.0	0.0	0.0
7079	G	-5.265548E-02	0.0	8.551377E-02	0.0	0.0	0.0
7505	G	-3.369188E-01	3.383376E-01	1.574324E-01	7.394668E-03	1.322381E-02	-5.068672E-03
8300	G	1.944363E-01	2.636133E-02	5.993539E-02	0.0	0.0	0.0
8531	G	-4.271744E-02	1.769363E-01	0.0	0.0	0.0	0.0
8533	G	-8.787286E-02	1.779454E-01	1.023147E-01	0.0	0.0	0.0
8537	G	-1.892503E-01	1.779454E-01	-4.557865E-02	0.0	0.0	0.0
8539	G	-2.176028E-01	1.766289E-01	0.0	0.0	0.0	0.0
8543	G	-1.068714E-02	0.0	1.038560E-01	0.0	0.0	0.0
8547	G	-9.762013E-02	0.0	-4.286790E-02	0.0	0.0	0.0
8561	G	7.376772E-02	7.087678E-02	5.655835E-02	0.0	0.0	0.0
8563	G	4.848339E-02	7.120872E-02	1.043234E-01	0.0	0.0	0.0
8567	G	-2.982901E-02	8.387905E-02	-4.192149E-02	0.0	0.0	0.0
8569	G	-8.463973E-02	8.387911E-02	-1.057837E-01	0.0	0.0	0.0
8571	G	1.066713E-01	0.0	3.356136E-02	0.0	0.0	0.0
8579	G	-7.273424E-02	0.0	-8.935958E-02	0.0	0.0	0.0
9303	G	8.086538E-02	2.122679E-01	-2.275582E-02	0.0	0.0	0.0
9307	G	-4.619798E-02	2.114465E-01	-1.419444E-01	0.0	0.0	0.0

9313	G	4.8497396-02	1.893394E-01	-2.224516E-02	0.0	0.0	0.0
9317	G	-1.136123E-01	1.877394E-01	-1.425d77E-01	0.0	0.0	0.0
9331	G	-2.9254086-02	1.225671E-01	3.155906E-02	0.0	0.0	0.0
9333	G	-8.1498806-02	1.237527E-01	-1.040510E-02	0.0	0.0	0.0
9337	G	-1.771706E-01	1.294287E-01	-1.286594E-01	0.0	0.0	0.0
9339	G	-2.142801E-01	1.313027E-01	-1.599786E-01	0.0	0.0	0.0
9341	G	0.0	4.831949E-02	2.456664E-02	0.0	0.0	0.0
9345	G	-1.345047E-02	4.680191E-02	-2.617213E-02	0.0	0.0	0.0
9347	G	-9.536231E-02	4.212697E-02	-1.470637E-01	0.0	0.0	0.0
9349	G	0.0	4.112840E-02	-2..27156E-01	0.0	0.0	0.0
9361	G	5.807373E-02	5.172701F-03	5.863741E-03	0.0	0.0	0.0
9363	G	3.191227E-02	2.712666E-03	-3.812418E-02	0.0	0.0	0.0
9367	G	-4.120915E-02	-4.023425E-03	-1.612694E-01	0.0	0.0	0.0
9369	G	-8.963040E-02	-4.426315E-03	-1.952916E-01	0.0	0.0	0.0
9371	G	8.147049E-02	-3.542660E-02	-2.402885E-03	0.0	0.0	0.0
9373	G	0.0	-3.671997E-02	-2.917482E-02	0.0	0.0	0.0
9377	G	0.0	-4.058630E-02	-1.663692E-01	0.0	0.0	0.0
9379	G	-5.449201E-02	-4.060466E-02	-2.033984E-01	0.0	0.0	0.0
11300	G	9.395361E-02	-3.798011E-02	-1.278395E-01	0.0	0.0	0.0
11503	G	5.351384E-02	2.609406E-02	0.0	0.0	0.0	0.0
11507	G	-5.315171E-02	2.609406E-02	0.0	0.0	0.0	0.0
11531	G	-1.424611E-02	-2.289263E-03	0.0	0.0	0.0	0.0
11533	G	-5.160435E-02	-1.821241E-03	-1.415077E-01	0.0	0.0	0.0
11537	G	-1.254435E-01	2.971090E-03	-2.416074E-01	0.0	0.0	0.0
11539	G	-1.687562E-01	3.850765E-03	0.0	0.0	0.0	0.0
11543	G	-1.868403E-02	-4.771876E-02	-1.415713E-01	0.0	0.0	0.0
11547	G	-9.098613E-02	-4.771876E-02	-2.417566E-01	0.0	0.0	0.0
11561	G	2.410088E-02	-8.121371E-02	-1.012077E-01	0.0	0.0	0.0
11563	G	4.767802E-03	-8.145297E-02	-1.412724E-01	0.0	0.0	0.0
11567	G	-5.748527E-02	-1.288049E-01	-2.412720E-01	0.0	0.0	0.0
11569	G	-7.873893E-02	-1.282874E-01	-2.523130E-01	0.0	0.0	0.0
11571	G	3.670735E-02	0.0	-1.013853E-01	0.0	0.0	0.0
11579	G	-1.033971E-01	0.0	-2.369251E-01	0.0	0.0	0.0
11700	G	-1.189287E-02	-1.059551F-01	-4.399488E-01	0.0	0.0	0.0
13500	G	-1.098862E-01	-2.115787E-01	-2.302506E-01	0.0	0.0	0.0
13801	G	4.437839E-02	-7.216042E-02	-1.814473E-01	0.0	0.	0.0
13803	G	5.274326E-02	-6.809437E-02	-1.939343E-01	0.0	0.0	0.0
13807	G	1.466153E-02	-6.900179E-02	-2.568271E-01	0.0	0.0	0.0
13809	G	9.977791E-03	-7.099945E-02	-2.654432E-01	0.0	0.0	0.0
13821	G	4.360121E-03	-9.247339E-02	-1.764535E-01	0.0	0.0	0.0
13823	G	6.269045E-03	-9.209150E-02	-1.919124E-01	0.0	0.0	0.0
13827	G	-1.763213E-02	-8.988142E-02	-2.518617E-01	0.0	0.0	0.0
13829	G	-1.936758E-02	-8.895463E-02	-2.696220E-01	0.0	0.0	0.0
13831	G	-5.073812E-03	-1.088142E-01	-1.719537E-01	0.	0.0	0.0
13833	G	-2.850938E-02	-1.086020E-01	-1.856772E-01	0.0	0.0	0.0
13837	G	-7.703668E-02	-1.079936E-01	-2.459364E-01	0.0	0.0	0.0
13839	G	-1.286566E-01	-1.080896E-01	-2.740362E-01	0.0	0.0	0.0
13841	G	0.0	-1.329202F-01	-1.634958E-01	0.0	0.0	0.0
13843	G	-2.830450E-02	-1.328563E-01	-1.819470E-01	0.0	0.0	0.0
13847	G	-7.532066E-02	-1.335760E-01	-2.420654E-01	0.0	0.0	0.0
13848	G	-7.426655E-02	-1.355768E-01	-2.387505E-01	0.0	0.0	0.0
13849	G	0.0	-1.355383E-01	-2.156345E-01	0.0	0.0	0.0
13861	G	-1.567711E-02	-1.505638E-01	-1.600711E-01	0.0	0.0	0.0
13863	G	-2.531744E-02	-1.504142E-01	-1.805089E-01	0.0	0.0	0.0
13867	G	-6.396329E-02	-1.672977E-01	-2.338883E-01	0.0	0.0	0.0
13869	G	-5.854076E-02	-1.672804F-01	-2.542092E-01	0.0	0.0	0.0
13871	G	-2.316675E-02	0.0	-1.541572E-01	0.0	0.0	0.0
13879	G	-1.483513E-01	0.0	-2.222862E-01	0.0	0.0	0.0
14801	G	4.437839E-02	-9.041053E-02	-1.401778E-01	0.0	0.0	0.0
14803	G	4.306749E-02	-8.833861E-02	-1.570600E-01	0.0	0.0	0.0
14807	G	2.391636E-02	-9.060794E-02	-2.102275E-01	0.0	0.0	0.0
14809	G	9.977791E-03	-9.293479E-02	-2.257360E-01	0.0	0.0	0.0
14821	G	1.028498E-03	-1.125807E-01	-1.354752E-01	0.0	0.0	0.0
14823	G	4.309315E-03	-1.120661E-01	-1.570600E-01	0.0	0.0	0.0
14827	G	-1.459804E-02	-1.141778E-01	-2.102275E-01	0.0	0.0	0.0
14829	G	-1.693213E-02	-1.142244E-01	-2.298954E-01	0.0	0.0	0.0

14831	G	[illegible]	[illegible]	[illegible]	0.0	0.0	0.0	
14833	G	-2.516013E-02	-1.386942E-01	[illegible]	0.0	0.0	0.0	
14837	G	-6.628021E-02	-1.451511E-01	[illegible]	0.0	0.0	0.0	
14839	G	-1.220644E-01	-1.459681E-01	-2.254113E-01	0.0	0.0	0.0	
14841	G	0.0	-1.583037E-01	-1.481505E-01	0.0	0.0	0.0	
14843	G	-3.125243E-02	-1.538824E-01	-1.573421E-01	0.0	0.0	0.0	
14847	G	-7.136591E-02	-1.575142E-01	-2.119262E-01	0.0	0.0	0.0	
14849	G	0.0	-1.564447E-01	-2.193307E-01	0.0	0.0	0.0	
14861	G	-3.293068E-02	-1.626118E-01	-1.398673E-01	0.0	0.0	0.0	
14863	G	-3.110939E-02	-1.643998E-01	-1.585332E-01	0.0	0.0	0.0	
14867	G	-6.978381E-02	-1.596144E-01	-2.115231E-01	0.0	0.0	0.0	
14869	G	-2.723438E-02	-1.574427E-01	-2.138253E-01	0.0	0.0	0.0	
14881	G	-7.624352E-02	-1.691971E-01	-1.217615E-01	0.0	0.0	0.0	
14883	G	-1.186342E-01	-1.695115E-01	-1.338643E-01	0.0	0.0	0.0	
14887	G	-7.934952E-02	-1.617636E-01	-2.031021E-01	0.0	0.0	0.0	
14889	G	-7.091862E-02	-1.603504E-01	-2.039993E-01	0.0	0.0	0.0	
15212	G	2.324503E-02	-9.793629E-02	-1.307144E-01	2.645212E-03	-4.322464E-03	-1.854457E-04	
15218	G	5.524384E-03	-1.003648E-01	-2.024642E-01	2.627626E-03	-4.293668E-03	-2.548712E-04	
15601	G	2.661713E-02	-9.519645E-02	-1.007995E-01	0.0	0.0	0.0	
15603	G	4.306749E-02	-9.993584E-02	-1.228420E-01	0.0	0.0	0.0	
15607	G	2.391636E-02	-9.237198E-02	-1.762645E-01	0.0	0.0	0.0	
15609	G	3.756169E-02	-9.302545E-02	-1.827497E-01	0.0	0.0	0.0	
15621	G	-6.339330E-03	-1.122412E-01	-9.731135E-02	0.0	0.0	0.0	
15623	G	-4.619092E-03	-1.135344E-01	-1.184545E-01	0.0	0.0	0.0	
15625	G	-5.777616E-03	-1.138211E-01	-1.509943E-01	0.0	0.0	0.0	
15627	G	-1.509716E-02	-1.165418E-01	-1.806326E-01	0.0	0.0	0.0	
15629	G	-1.467876E-02	-1.152547E-01	-1.847302E-01	0.0	0.0	0.0	
15633	G	-5.333085E-02	0.0	-1.248599E-01	0.0	0.0	0.0	
15637	G	-2.364981E-02	0.0	-1.810309E-01	0.0	0.0	0.0	
16481	G	-9.442174E-02	-1.323971E-01	-7.571733E-02	0.0	0.0	0.0	
16483	G	-9.868607E-02	-1.310597E-01	0.0	0.0	0.0	0.0	
16485	G	-9.034994E-02	-1.252035E-01	0.0	0.0	0.0	0.0	
16487	G	-7.476417E-02	-1.233763E-01	0.0	0.0	0.0	0.0	
16489	G	-7.306487E-02	-1.232838E-01	-1.569654E-01	0.0	0.0	0.0	
17103	G	-1.324978E-01	-1.493095E-01	-5.977331E-02	0.0	0.0	0.0	
18601	G	-3.496522E-03	-8.322884E-02	6.497756E-02	0.0	0.0	0.0	
18603	G	-2.293410E-02	-9.173294E-02	6.559543E-02	0.0	0.0	0.0	
18607	G	3.306315E-02	-7.987499E-02	6.462743E-02	0.0	0.0	0.0	
18609	G	3.760165E-02	-8.365557E-02	6.142502E-02	0.0	0.0	0.0	
18621	G	-3.499409E-02	-9.311592E-02	7.171174E-02	0.0	0.0	0.0	
18623	G	-2.781605E-02	-9.234858E-02	6.826087E-02	0.0	0.0	0.0	
18625	G	-7.138774E-03	-9.147537E-02	6.141695E-02	0.0	0.0	0.0	
18627	G	1.526664E-02	-9.171794E-02	6.596894E-02	0.0	0.0	0.0	
18629	G	2.694244E-02	-9.243403E-02	6.968823E-02	0.0	0.0	0.0	
18631	G	-3.470344E-02	-9.317644E-02	6.813537E-02	0.0	0.0	0.0	
18633	G	0.0	-9.330893E-02	6.652216E-02	0.0	0.0	0.0	
18635	G	0.0	-9.193256E-02	6.498412E-02	0.0	0.0	0.0	
18637	G	0.0	-9.055526E-02	6.351386E-02	0.0	0.0	0.0	
18639	G	-1.771315E-04	-8.906968E-02	6.216341E-02	0.0	0.0	0.0	
18641	G	-9.369833E-02	-8.574486E-02	6.488701E-02	3.859414E-04	-4.213391E-04	8.205451E-03	
18642	G	-3.341574E-02	-8.936953E-02	6.434713E-02	1.671229E-04	-2.374327E-03	7.944162E-03	
18643	G	-9.810047E-03	-8.478909E-02	6.493173E-02	0.0	-3.723060E-03	7.762562E-03	
18644	G	3.777971E-02	-8.235674E-02	6.726342E-02	0.0	0.0	5.590498E-03	
18645	G	6.305549E-02	-7.975151E-02	6.593895E-02	0.0	0.0	3.041090E-03	
18646	G	7.114454E-02	-7.868742E-02	6.449033E-02	0.0	0.0	-1.068089E-04	
18647	G	5.737741E-02	-7.956346E-02	6.291971E-02	0.0	-4.042795E-03	-4.614324E-03	
18648	G	4.116828E-02	-8.220751E-02	[illegible]	-7.510056E-05	-2.869199E-03	-4.819963E-03	
18649	G	3.122953E-02	-8.220542E-02	6.332982E-02	-1.423944E-03	-1.652224E-03	-5.165931E-03	
18651	G	-5.137413E-02	-8.553952E-02	7.013744E-02	1.759699E-04	-9.719286E-04	7.474206E-03	
18652	G	-3.044444E-02	-8.524372E-02	6.975453E-02	1.939416E-04	-2.969035E-03	7.051799E-03	
18653	G	3.695342E-02	-8.442476E-02	6.233453E-02	2.809712E-04	-3.704713E-03	-4.259653E-03	
18654	G	2.763913E-02	-8.426594E-02	6.352192E-02	-1.545066E-03	-2.223401E-03	-5.247316E-03	
18656	G	-5.435191E-02	-8.234946E-02	7.088137E-02	4.481343E-04	-1.473322E-03	2.671038E-03	
18657	G	-5.367737E-02	-8.233794E-02	6.972194E-02	3.033333E-04	-2.423590E-03	3.354750E-03	
18658	G	1.432422E-02	-8.772541E-02	6.363722E-02	1.131291E-04	-4.573535E-03	-8.389717E-04	
18659	G	1.316[illegible]E-02	[illegible]	6.324772E-02	-1.399410E-03	-3.343339E-03	-2.916187E-04	

18661	G	-5.662147E-02	-4.294861E-02	7.173967E-02	4.092813E-04	-2.385527E-03	1.817349E-03
18662	G	-5.336010E-02	-4.290936E-02	7.041252E-02	6.456515E-04	-1.714521E-03	1.703565E-03
18663	G	-4.731678E-02	-4.262599E-02	6.835436E-02	1.614208E-03	-3.495544E-03	1.793415E-03
18664	G	-3.273080E-02	-3.011163E-02	6.789100E-02	0.0	0.0	2.531747E-03
18665	G	-1.742586E-02	-2.712658E-02	6.718349E-02	0.0	0.0	2.635517E-03
18666	G	-3.443096E-03	-2.356704E-02	6.594567E-02	0.0	0.0	2.087147E-03
18667	G	6.849034E-03	-1.999339E-02	6.658357E-02	2.567736E-03	-6.363027E-03	4.387636E-04
18668	G	9.609262E-03	-1.775018E-02	6.297651E-02	1.226158E-03	-4.828498E-03	5.639899E-04
18669	G	9.443430E-03	-1.678313E-02	6.195795E-02	-1.912446E-03	-3.289734E-03	-7.742967E-04
18681	G	-1.113776E-01	-5.168030E-02	7.305360E-02	0.0	0.0	0.0
18683	G	-8.757049E-02	-5.194806E-02	6.798279E-02	1.614208E-03	-3.302654E-03	7.448695E-04
18685	G	-8.269429E-02	-5.284692E-02	6.968473E-02	0.0	0.0	0.0
18687	G	-6.913447E-02	-4.972922E-02	6.790233E-02	2.567738E-03	6.281599E-03	7.448845E-04
18689	G	-7.615757E-02	-4.923662E-02	5.749632E-02	0.0	0.0	0.0
18983	G	-8.531284E-02	-5.345232E-02	7.595688E-02	0.0	-9.099401E-04	1.033197E-
18987	G	-6.730109E-02	-4.818717E-02	6.433020E-02	0.0	-2.315656E-03	1.[illegible]
19741	G	-4.858745E-02	-6.681281E-02	1.302647E-01	-3.739814E-03	-3.001832E-04	7.039[illegible]
19742	G	4.918892E-03	-6.728625E-02	1.274421E-01	-3.489284E-03	-2.599868E-03	6.705[illegible]
19743	G	1.883192E-02	-6.598175E-02	1.261154E-01	0.0	-3.250963E-03	6.105[illegible]
19745	G	5.633833E-02	-5.907256E-02	1.528863E-01	0.0	0.0	3.156529[illegible]
19747	G	6.551868E-02	-5.222343E-02	1.404665E-01	0.0	-3.943399E-03	-1.047376E[illegible]
19748	G	6.176911E-02	-5.098512E-02	1.328561E-01	2.944510E-03	-3.292792E-03	-2.427185E[illegible]
19749	G	3.912776E-02	-5.158285E-02	1.094125E-01	3.393569E-03	-8.039582E-04	-3.162830E-0[illegible]
19751	G	-5.001009E-02	-5.411106E-02	1.006294E-01	-4.099827E-03	-5.238937E-05	4.603654E-03
19752	G	-1.483801E-02	-5.496806E-02	1.272514E-01	-2.891425E-03	-2.691232E-03	4.603069E-03
19758	G	3.713087E-02	-5.775967E-02	1.327029E-01	1.943904E-03	-3.492135E-03	-1.814083E-04
19759	G	3.458432E-02	-5.787577E-02	1.100143E-01	4.601803E-03	-1.433940E-04	-6.351012E-04
19761	G	-4.999739E-02	-4.702883E-02	1.006216E-01	-3.245142E-03	2.918030E-05	3.739685E-03
19762	G	-2.152000E-02	-4.885881E-02	1.271756E-01	-3.573623E-03	-2.715362E-03	3.706722E-03
19763	G	-1.368405E-02	-4.988327E-02	1.350795E-01	0.0	-3.185658E-03	3.508604E-03
19765	G	1.053369E-02	-5.586999E-02	1.577241E-01	0.0	0.0	2.554624E-03
19767	G	2.595161E-02	-6.165376E-02	1.394326E-01	0.0	-3.941957E-03	1.286409E-03
19768	G	2.831605E-02	-6.258172E-02	1.326493E-01	3.077813E-03	-3.591589E-03	8.912683E-04
19769	G	3.477095E-02	-6.429219E-02	1.099584E-01	2.712226E-03	1.785495E-04	8.184409E-04
21183	G	-7.853651E-02	-7.475942E-02	5.353424E-02	0.0	-3.122515E-03	-1.993411E-03
21187	G	-6.119641E-02	-7.113409E-02	5.235275E-02	0.0	-5.384371E-03	-1.987771E-03
21321	G	-7.265961E-02	-1.512981E-02	5.751977E-02	0.0	0.0	0.0
21323	G	-4.375666E-02	-1.591788E-02	6.307513E-02	0.0	0.0	0.0
21325	G	-1.231954E-02	-1.590637E 02	6.775391E-02	0.0	0.0	0.0
21327	G	1.899407E-02	-1.466088E-02	7.222044E-02	0.0	0.0	0.0
21329	G	4.716210E-02	-1.262463E-02	7.511979E-02	0.0	0.0	0.0
21341	G	-5.180685E-02	-9.102613E-02	6.302232E-02	1.131347E-04	1.412061E-03	9.533793E-03
21343	G	2.053770E-03	-9.103227E-02	6.348807E-02	0.0	1.244595E-03	9.669986E-03
21345	G	9.942061E-02	-9.523070E-02	6.337970E-02	0.0	-1.770227E-03	5.284749E-03
21347	G	9.833384E-02	-1.057675E-01	6.771898E-02	0.0	-4.785050E-03	-6.738961E-03
21349	G	5.531970E-02	-1.101120E-01	7.351238E-02	-9.770074E-04	-4.952513E-03	-8.717306E-03
21361	G	-3.964557E-02	-8.203590E-02	6.244455E-02	0.0	0.0	0.0
21363	G	-1.145929E-02	-8.134580E-02	6.292844E-02	-2.831602E-04	-5.444430E-03	0.0
21364	G	1.631076E-02	-8.137512E-02	6.246534E-02	0.0	0.0	0.0
21366	G	6.300050E-02	-7.925785E-02	6.531245E-02	0.0	0.0	0.0
21367	G	6.334776E-02	-7.940662E-02	6.811398E-02	-2.132487E-05	-1.015531E-02	0.0
21369	G	7.386357E-02	-7.753080E-02	7.850987E-02	0.0	0.0	0.0
21383	G	-7.844943E-02	-7.926595E-02	6.270659E-02	6.994563E-05	-5.099230E-03	-2.048506E-03
21387	G	-6.099738E-02	-7.567203E-02	6.857163E-02	-8.486607E-04	-9.366009E-03	-2.087322E-03
21485	G	0.0	-7.993001E-02	6.202857E-02	-9.838093E-05	0.0	0.0
21[illegible]	G	-7.083106E-02	5.025581E-03	4.896288E-02	0.0	0.0	0.0
21803	G	-4.839803E-02	5.103352E-03	5.235424E-02	0.0	0.0	0.0
21807	G	5.409773E-03	4.132424E-03	6.514895E-02	0.0	0.0	0.0
21809	G	2.849511E-02	6.017152E-03	7.002795E-02	0.0	0.0	0.0
21821	G	-7.400936E-02	7.627774E-03	4.969800E-02	0.0	0.0	0.0
21823	G	-4.577316E-02	8.160390E-03	5.059406E-02	0.0	0.0	0.0
21825	G	-1.322392E-02	8.575719E-03	5.940599E-02	0.0	0.0	0.0
21827	G	1.938225E-02	9.572860E-03	6.789029E-02	0.0	0.0	0.0
21829	G	4.625899E-02	1.004544E-02	7.145184E-02	0.0	0.0	0.0
22312	G	-6.758076E-02	2.625110E-02	4.340840E-02	0.0	0.0	0.0
22318	G	2.811050E-02	2.542272E-02	6.503713E-02	0.0	0.0	0.0

22701	G	-7.242460E-02	4.167959E-02	1.444716E-02	0.0	0.0	0.0	
22703	G	-5.164555E-02	4.006404E-02	4.255115E-02	0.0	0.0	0.0	
22707	G	-1.344614E-03	4.291223E-02	5.044138E-02	0.0	0.0	0.0	
22709	G	2.407614E-02	4.420577E-02	4.431737E-02	0.0	0.0	0.0	
22721	G	-7.465374E-02	4.813999E-02	1.503837E-02	0.0	0.0	0.0	
22723	G	-4.696381E-02	4.778024E-02	4.328456E-02	0.0	0.0	0.0	
22725	G	-1.505836E-02	4.877641E-02	4.073165E-02	0.0	0.0	0.0	
22727	G	1.949739E-02	4.904088E-02	4.046420E-02	0.0	0.0	0.0	
22729	G	4.517535E-02	4.972502E-02	4.436174E-02	0.0	0.0	0.0	
24100	G	3.535687E-02	9.378982E-02	2.206441E-02	0.0	0.0	0.0	
25001	G	-8.721995E-02	1.475518E-01	-5.250422E-02	0.0	0.0	0.0	
25003	G	-7.547122E-02	1.456857E-01	-4.640524E-02	0.0	0.0	0.0	
25007	G	-2.269149E-02	1.478600E-01	-3.381520E-02	0.0	0.0	0.0	
25009	G	6.134153E-03	1.496060E-01	-2.918715E-02	0.0	0.0	0.0	
25021	G	-9.279223E-02	1.539502E-01	-5.801971E-02	0.0	0.0	0.0	
25025	G	-1.632616E-02	1.545553E-01	-3.194348E-02	0.0	0.0	0.0	
25029	G	4.165082E-02	1.540228E-01	-2.792443E-02	0.0	0.0	0.0	
25041	G	-4.254489E-02	1.536661E-01	-5.872630E-02	0.0	0.0	0.0	
25045	G	0.0	1.588922E-01	-1.703515E-02	0.0	0.0	0.0	
25049	G	8.942854E-02	1.652215E-01	-2.499112E-02	0.0	0.0	0.0	
25061	G	-1.421437E-02	1.620770E-01	-5.793442E-02	0.0	0.0	0.0	
25065	G	6.756771E-02	1.619968E-01	2.904942E-03	0.0	0.0	0.0	
25069	G	1.328416E-01	1.636609E-01	-2.048147E-02	0.0	0.0	0.0	
26401	G	-7.459033E-02	2.433713E-01	-1.319031E-01	0.0	0.0	0.0	
26809	G	-1.860457E-02	2.397249E-01	-1.253519E-01	0.0	0.0	0.0	
26821	G	-7.964617E-02	2.511947E-01	-1.349925E-01	0.0	0.0	0.0	
26825	G	-1.493737E-02	2.507418E-01	-1.330420E-01	0.0	0.0	0.0	
26829	G	4.065761E-02	2.485628E-01	-1.143630E-01	0.0	0.0	0.0	
26841	G	-3.336619E-02	2.679252E-01	-1.355308E-01	0.0	0.0	0.0	
26845	G	0.0	2.645102E-01	-1.440533E-01	0.0	0.0	0.0	
26849	G	8.170613E-02	2.597741E-01	-1.216294E-01	0.0	0.0	0.0	
26861	G	-5.576557E-02	2.706857E-01	-1.365536E-01	0.0	0.0	0.0	
26865	G	6.890649E-02	2.716043E-01	-1.602908E-01	0.0	0.0	0.0	
26869	G	1.402904E-01	2.719514E-01	-1.325454E-01	0.0	0.0	0.0	
29905	G	-2.077181E-02	4.164516E-01	-2.121634E-01	0.0	0.0	0.0	
29921	G	-3.800184E-02	4.227968E-01	-2.269737E-01	0.0	0.0	0.0	
29925	G	-4.127402E-02	4.214669E-01	-2.117331E-01	0.0	0.0	0.0	
29929	G	3.403675E-02	4.227968E-01	-1.962554E-01	0.0	0.0	0.0	
29941	G	-3.254415E-02	4.370931E-01	-2.233142E-01	0.0	0.0	0.0	
29945	G	0.0	4.367937E-01	-2.107947E-01	0.0	0.0	0.0	
29949	G	8.193475E-02	4.364432E-01	-1.911077E-01	0.0	0.0	0.0	
29961	G	4.328126E-02	4.524270E-01	-2.241439E-01	0.0	0.0	0.0	
29965	G	6.136785E-02	4.507039E-01	-2.075249E-01	0.0	0.0	0.0	
29969	G	8.755797E-02	4.523270E-01	-1.925169E-01	0.0	0.0	0.0	
30045	G	2.461943E-02	4.379318E-01	-2.130546E-01	-1.288729E-03	1.953082E-03	3.021837E-03	
31745	G	2.710445E-02	4.792256E-01	-2.346815E-01	-1.835212E-03	7.677632E-04	1.309179E-03	
33945	G	2.828454E-02	4.849645E-01	-2.369441E-01	-2.734252E-03	-5.246990E-04	-1.082284E-03	
35945	G	2.774141E-02	4.814536E-01	-2.090493E-01	-3.870548E-03	-2.109980E-03	-4.394479E-03	
38045	G	2.509467E-02	4.370437E-01	-1.446841E-01	-5.404353E-03	-3.950991E-03	-8.016147E-03	
40141	G	6.355212E-01	1.097310E-01	-4.623497E-01	-1.862314E-02	-5.851608E-03	-2.658100E-02	
40142	G	3.736055E-01	1.097310E-01	-2.793206E-01	-1.565229E-02	-5.851608E-03	-2.254779E-02	
40143	G	1.546054E-01	1.097310E-01	-1.287369E-01	-1.068140E-02	-5.851608E-03	-1.579933E-02	
40145	G	2.083218E-02	1.096905E-01	-4.080287E-02	-7.436473E-03	-5.851023E-03	-1.149131E-02	
40147	G	-1.136378E-01	1.097308E-01	-4.530209E-02	-9.441920E-03	-5.850814E-03	-1.517552E-02	
40148	G	-3.205665E-01	1.097308E-01	1.719801E-01	-1.280658E-02	-5.850814E-03	-2.111559E-02	
40149	G	-5.643126E-01	1.097308E-01	3.188276E-01	-1.481746E-02	-5.850814E-03	-2.466566E-02	
42245	G	1.260361E-02	-1.513685E-01	9.823847E-02	-9.739410E-03	-7.253282E-03	-1.438935E-02	
44345	G	4.003819E-03	-4.546564E-01	2.569376E-01	-1.304814E-02	-7.692512E-03	-1.666824E-02	
45245	G	2.733354E-04	-6.116954E-01	3.259864E-01	-1.503808E-02	-7.409945E-03	-1.732873E-02	
46445	G	-4.231907E-03	-8.078153E-01	4.095278E-01	-1.790869E-02	-6.626587E-03	-1.772515E-02	
48045	G	-1.030622E-01	-1.036347E+00	5.140854E-01	-3.236602E-02	-6.192755E-03	-2.395720E-02	
48445	G	-1.518255E-01	-1.076344E+00	5.658776E-01	-4.289186E-02	-5.558666E-03	-2.904544E-02	
49745	G	-1.959432E-01	-1.336260E+00	6.123162E-01	-5.502915E-02	-4.873637E-03	-3.559332E-02	
50645	G	-2.344019E-01	-1.585525E+00	6.532600E-01	-6.865591E-02	-4.304174E-03	-4.467714E-02	
51545	G	-2.683216E-01	-1.807729E+00	6.890143E-01	-8.373970E-02	-3.774143E-03	-5.622804E-02	
52045	G	-3.000426E-01	-1.946389E+00	7.081613E-01	-9.353149E-02	-3.534720E-03	-6.866016E-02	

61912	G	-5.935724E-02	1.241523E-02	7.235641E-02	3.271906E-04	1.336928E-03	1.929918E-03
61913	G	-6.107742E-02	1.198413E-02	7.235641E-02	3.271906E-04	1.336928E-03	-1.260073E-03
61914	G	-6.267285E-02	1.157190E-02	7.235641E-02	3.271906E-04	1.336928E-03	2.348520E-03
61916	G	-6.198642E-02	1.699556E-02	7.035959E-02	1.090470E-04	-1.936023E-04	7.590109E-03
61917	G	-6.149262E-02	1.648627E-02	7.035959E-02	1.090470E-04	-1.936023E-04	-1.759615E-03
61918	G	-6.116249E-02	1.611661E-02	7.035959E-02	1.090470E-04	-1.936023E-04	8.292490E-03
61922	G	-5.604315E-02	9.476444E-03	9.432715E-02	-4.306782E-03	-1.274742E-04	-1.036443E-03
61923	G	-5.673097E-02	9.155944E-03	9.432715E-02	-4.306782E-03	-1.274742E-04	4.603229E-03
61924	G	-5.662772E-02	9.704290E-03	9.432715E-02	-4.306782E-03	-1.274742E-04	-6.383889E-05
61926	G	-5.903077E-02	8.451184E-03	9.446371E-02	-3.966667E-03	-1.350960E-04	-8.665284E-04
61927	G	-5.873891E-02	8.720918E-03	9.446371E-02	-3.966667E-03	-1.350960E-04	7.115167E-03
61928	G	-5.890111E-02	7.125521E-03	9.446371E-02	-3.966667E-03	-1.350960E-04	-7.468672E-04
61934	G	-6.506418E-02	7.158367E-02	6.387091E-02	6.931971E-05	1.430557E-03	-2.184462E-03
61935	G	-6.697971E-02	-9.153932E-02	6.387091E-02	6.931972E-05	1.430557E-03	9.457767E-03
61936	G	-6.748112E-02	-9.149081E-02	6.387091E-02	6.931971E-05	1.430557E-03	-3.487272E-03
62211	G	-5.760592E-02	-2.704342E-02	7.158879E-02	0.0	0.0	0.0
62213	G	-5.715003E-02	-3.178811E-02	7.160443E-02	-2.085059E-04	1.333721E-03	-1.173531E-03
62217	G	-5.646329E-02	-3.944970E-02	7.170188E-02	1.661176E-04	-1.804859E-04	-1.730489E-03
62219	G	-5.635865E-02	-4.499298E-02	7.177967E-02	0.0	0.0	0.0
62221	G	-5.569186E-02	-4.729059E-02	7.646084E-02	-3.544703E-03	-2.319177E-03	-1.217585E-03
62224	G	-5.599894E-02	-5.550676E-02	7.639813E-02	-3.737989E-03	2.293459E-03	-2.135418E-04
62226	G	-5.648335E-02	-6.602699E-02	7.634240E-02	-4.324764E-03	-1.154430E-03	-9.985771E-04
62229	G	-5.674617E-02	-7.229286E-02	7.641993E-02	-3.266553E-03	1.905930E-03	-1.022308E-03
62231	G	-5.727202E-02	-9.025329E-02	6.825033E-02	-8.156304E-04	2.770999E-03	-1.846227E-03
62239	G	-5.787535E-02	-9.225696E-02	6.816393E-02	1.780498E-03	8.799362E-04	-3.131239E-03
62811	G	-4.785230E-02	-2.923219E-02	6.011733E-02	0.0	0.0	0.0
62819	G	-4.738980E-02	-4.545512E-02	5.967620E-02	0.0	0.0	0.0
62821	G	-4.774091E-02	-4.877937E-02	6.042966E-02	0.0	0.0	0.0
62829	G	-4.798438E-02	-7.185757E-02	6.050622E-02	0.0	0.0	0.0
62831	G	-4.755525E-02	-8.902139E-02	5.951787E-02	0.0	0.0	0.0
62839	G	-4.777045E-02	-9.279689E-02	5.956255E-02	0.0	0.0	0.0
63411	G	-3.781673E-02	-2.999951E-02	4.713078E-02	0.0	0.0	0.0
63419	G	-3.856906E-02	-4.880959E-02	4.706368E-02	0.0	0.0	0.0
63421	G	-3.827256E-02	-4.999572E-02	4.577757E-02	0.0	0.0	0.0
63429	G	-3.877550E-02	-7.230985E-02	4.575311E-02	0.0	0.0	0.0
63431	G	-3.848074E-02	-8.737803E-02	4.550130E-02	0.0	0.0	0.0
63439	G	-3.855190E-02	-9.254414E-02	4.551220E-02	0.0	0.0	0.0
64211	G	-2.481962E-02	-3.124666E-02	2.466501E-02	0.0	0.0	0.0
64219	G	-2.638125E-02	-5.196342E-02	2.477018E-02	0.0	0.0	0.0
64221	G	-2.554469E-02	-5.103107E-02	2.263032E-02	0.0	0.0	0.0
64229	G	-2.653851E-02	-7.326549E-02	2.261327E-02	-2.984525E-03	2.263245E-04	-2.235222E-03
64231	G	-2.618505E-02	-8.492231E-02	2.161316E-02	0.0	0.0	0.0
64239	G	-2.632328E-02	-9.117305E-02	2.160949E-02	0.0	0.0	0.0
65011	G	-1.370303E-02	-3.249276E-02	-1.879597E-03	0.0	0.0	0.0
65019	G	-1.557783E-02	-5.334711E-02	-1.759076E-03	0.0	0.0	0.0
65021	G	-1.434876E-02	-5.134211E-02	-4.065074E-03	0.0	0.0	0.0
65029	G	-1.585069E-02	-7.432485E-02	-3.876032E-03	0.0	0.0	0.0
65031	G	-1.527436E-02	-8.210164E-02	-6.185949E-03	0.0	0.0	0.0
65039	G	-1.556509E-02	-8.909798E-02	-6.193176E-03	0.0	0.0	0.0
65911	G	-3.371854E-03	-3.430712E-02	-3.213520E-02	0.0	0.0	0.0
65919	G	-5.255640E-03	-5.296452E-02	-3.248862E-02	0.0	0.0	0.0
65921	G	-4.582129E-03	-5.285305E-02	-3.597063E-02	0.0	0.0	0.0
65929	G	-6.266054E-03	-7.514328E-02	-3.616789E-02	-4.052807E-03	4.209823E-04	-2.537693E-03
65931	G	-5.737029E-03	-7.898021E-02	-3.796380E-02	0.0	0.0	0.0
65939	G	-6.112900E-03	-8.625233E-02	-3.795277E-02	0.0	0.0	0.0
71912	G	7.898804E-03	-1.216276E-02	6.620574E-02	-2.259374E-03	-2.042973E-03	-1.394527E-03
71913	G	1.052811E-02	-1.507057E-02	6.620574E-02	-2.259374E-03	-2.042973E-03	-6.558665E-04
71914	G	1.296537E-02	-1.776600E-02	6.620574E-02	-2.259374E-03	-2.042973E-03	-1.110939E-05
71916	G	1.973353E-02	-1.659849E-02	6.689227E-02	-2.706316E-03	-2.056281E-03	-5.758148E-03
71917	G	2.179187E-02	-1.930752E-02	6.689227E-02	-2.706316E-03	-2.056281E-03	-9.224601E-03
71918	G	2.423679E-02	-2.252533E-02	6.689227E-02	-2.706316E-03	-2.056281E-03	-5.222362E-03
71922	G	3.347772E-02	-6.197203E-02	1.028257E-01	4.770584E-03	-4.050463E-05	-5.771697E-03
71923	G	3.351336E-02	-5.777391E-02	1.028257E-01	4.770584E-03	-4.050463E-05	-7.827566E-04
71924	G	3.354617E-02	-5.390973E-02	1.028257E-01	4.770584E-03	-4.050463E-05	-9.929035E-03
71926	G	3.496162E-02	-5.401523E-02	1.040470E-01	3.400987E-03	6.818909E-04	-1.422597E-02
71927	G	3.409793E-02	-5.170256E-02	1.040470E-01	3.400987E-03	6.818909E-04	-3.586244E-03

71928		3.3[illegible]E-02	-4.823355E-02	1.[illegible]E-01	3.[illegible]E-03	[illegible]	-1.[illegible]E-02
71934		3.7[illegible]E-02	-1.169934E-01	7.511[illegible]E-02	-1.448391E-03	-4.[illegible]E-03	-1.123215E-02
71935		4.0[illegible]E-02	-1.179264E-01	7.511[illegible]E-02	-1.448391E-03	-4.[illegible]E-03	-1.210244E-03
71936		4.432623E-02	-1.189402E-01	7.511[illegible]E-02	-1.448391E-03	-4.[illegible]E-03	-1.297143E-02
72211		1.314362E-02	-1.229733E-03	[illegible]	[illegible]	[illegible]	[illegible]
72213		7.342263E-03	-1.269503E-02	[illegible]	-3.[illegible]E-03	-3.[illegible]E-03	-1.[illegible]E-03
72217		-5.319434E-03	-2.391747E-02	9.088[illegible]E-02	-8.[illegible]E-03	-4.[illegible]E-03	-8.331[illegible]E-03
72219		-8.965097E-03	-2.391559E-02	9.132469E-02	0.0	0.0	0.0
72221	G	1.007159E-02	-6.343416E-02	7.844412E-02	2.760213E-03	-6.913033E-03	-5.[illegible]E-03
72225	G	4.685786E-03	-6.378126E-02	7.873750E-02	2.[illegible]E-03	1.[illegible]E-02	-9.[illegible]E-03
72226	G	-6.974444E-03	-6.[illegible]E-02	7.950[illegible]E-02	6.526802E-03	-1.[illegible]E-02	-1.283493E-02
72229	G	-1.231822E-02	-5.[illegible]E-02	8.[illegible]E-02	1.065418E-04	1.827538E-02	-1.212334E-02
72231	G	-6.479863E-03	-1.434779E-01	5.[illegible]E-02	2.3729[illegible]E-02	-1.[illegible]E-02	-9.[illegible]E-03
72239	G	-1.325866E-02	-1.235322E-01	5.0644229E-02	1.260130E-02	-1.363965E-03	-1.764208E-02
72811		-9.365711E-03	-5.733851E-03	1.[illegible]E-01	0.0	0.0	0.0
72819		-4.614233E-02	-3.[illegible]E-02	1.[illegible]E-01	0.0	0.0	0.0
72821	G	-1.737604E-02	-7.[illegible]E-02	6.823831E-02	0.0	0.0	0.0
72829		-5.647449E-02	-6.[illegible]E-02	6.785[illegible]E-02	0.0	0.0	0.0
72831		-5.[illegible]E-02	-1.526[illegible]E-01	-1.[illegible]E-03	0.0	0.0	0.0
72839		-6.[illegible]E-02	-1.[illegible]E-01	-1.[illegible]E-03	0.0	0.0	0.0
73411	G	-8.276001E-02	-5.[illegible]E-03	1.256358E-01	0.0	0.0	0.0
73419		-8.721191E-02	-3.246156E-02	1.[illegible]E-01	0.0	0.0	0.0
73421	G	-4.[illegible]E-02	-7.[illegible]E-02	5.979464E-02	0.0	0.0	0.0
73429	G	-1.[illegible]E-01	-7.452643E-02	5.[illegible]E-02	0.0	0.0	0.0
73431	G	-9.[illegible]E-02	-1.[illegible]E-01	-4.[illegible]E-02	0.0	0.0	0.0
73439	G	-1.[illegible]E-01	-1.[illegible]E-01	-4.[illegible]E-02	0.0	0.0	0.0
74211	G	-6.[illegible]E-02	-5.[illegible]E-03	1.[illegible]E-01	0.0	0.0	0.0
74219		-1.[illegible]E-01	-3.[illegible]E-02	1.[illegible]E-01	0.0	0.0	0.0
74221		-8.[illegible]E-02	-8.[illegible]E-02	4.[illegible]E-02	0.0	0.0	0.0
74229		-1.[illegible]E-01	-5.[illegible]E-02	4.[illegible]E-02	-4.991270E-04	1.[illegible]E-02	-5.[illegible]E-03
74231		-1.[illegible]E-01	-1.[illegible]E-01	-1.[illegible]E-01	[illegible]	[illegible]	[illegible]
74239		-1.[illegible]E-01	-1.[illegible]E-01	-1.[illegible]E-01	0.0	0.0	0.0
75011		-1.[illegible]E-01	-9.[illegible]E-03	1.[illegible]E-01	0.0	0.0	0.0
75019		-2.[illegible]E-01	-4.[illegible]E-02	1.[illegible]E-01	0.0	0.0	0.0
75021		-1.[illegible]E-01	-9.[illegible]E-02	2.[illegible]E-02	0.0	0.0	0.0
75029		-2.[illegible]E-01	-1.[illegible]E-01	2.875522E-02	0.0	0.0	0.0
75031		-2.228485E-01	-1.[illegible]E-01	-1.[illegible]E-01	0.0	0.0	0.0
75039		-2.[illegible]E-01	-1.[illegible]E-01	-1.[illegible]E-01	0.0	0.0	0.0
75911	G	-1.[illegible]E-01	-1.[illegible]E-02	2.[illegible]E-01	0.0	0.0	0.0
75919	G	-2.[illegible]E-01	-5.[illegible]E-02	2.[illegible]E-01	0.0	0.0	0.0
75921	G	-1.[illegible]E-01	-1.[illegible]E-01	1.[illegible]E-03	0.0	0.0	0.0
75929	G	-3.[illegible]E-01	-1.[illegible]E-01	-2.[illegible]E-03	-1.[illegible]E-03	2.[illegible]E-02	-7.[illegible]E-03
75931	G	-2.[illegible]E-01	-1.[illegible]E-01	-2.[illegible]E-01	0.0	0.0	0.0
75939		-3.[illegible]E-01	-1.[illegible]E-01	-2.[illegible]E-01	0.0	0.0	0.0
122400		3.863068E-01	-3.126550E-01	3.442749E-01	3.816804E-04	1.422552E-02	1.429026E-02
123467		1.196700E-01	1.[illegible]E-01	2.[illegible]E-02	0.0	0.0	0.0
123487	G	4.614629E-01	-1.[illegible]E-01	1.[illegible]E-01	0.0	0.0	0.0
124800	G	3.863068E-01	2.888203E-02	4.[illegible]E-03	3.816804E-04	1.422552E-02	1.429026E-02
125061	G	1.845714E-03	1.620770E-01	-4.[illegible]E-02	0.0	0.0	0.0
125065	G	7.537240E-02	1.[illegible]E-01	1.[illegible]E-04	0.0	0.0	0.0
125067	G	1.[illegible]E-01	1.[illegible]E-01	-2.[illegible]E-02	0.0	0.0	0.0
125183	G	1.395454E-01	1.071148E-01	-6.699342E-02	0.0	0.0	0.0
125187	G	4.748235E-01	1.371148E-01	-7.595342E-02	0.0	0.0	0.0
126863	G	2.199116E-02	2.706857E-01	-1.[illegible]E-01	0.0	0.0	0.0
126867	G	1.171187E-01	2.718514E-01	-1.[illegible]E-01	0.0	0.0	0.0
127200	G	3.863068E-01	3.832603E-01	-3.[illegible]E-01	3.816804E-04	1.422552E-02	1.429026E-02
189073	G	-1.[illegible]E-02	-5.[illegible]E-02	1.[illegible]E-01	-4.904278E-03	9.919114E-03	-7.274484E-05
189077	G	-1.[illegible]E-02	-5.[illegible]E-02	2.[illegible]E-01	-4.904278E-03	9.919114E-03	-7.274484E-05
200070		-9.[illegible]E-02	-9.[illegible]E-02	1.[illegible]E-01	-4.904278E-03	9.919114E-03	-7.274484E-05
200078		-1.[illegible]E-02	-6.[illegible]E-02	1.[illegible]E-01	-4.904278E-03	9.919114E-03	-7.274484E-05
200079		-6.[illegible]E-04	-5.[illegible]E-02	1.[illegible]E-01	-4.[illegible]E-03	9.[illegible]E-03	-7.274484E-05
200086		8.337641E-02	-1.[illegible]E-02	1.[illegible]E-01	-5.[illegible]E-03	1.[illegible]E-02	-7.274484E-05
200087		7.[illegible]E-02	-1.[illegible]E-01	1.[illegible]E-01	-4.[illegible]E-03	1.[illegible]E-02	-7.274484E-05
200095		1.[illegible]E-01	3.[illegible]E-02	1.[illegible]E-01	-4.[illegible]E-03	9.[illegible]E-03	-7.274484E-05
200096		1.[illegible]E-01	2.[illegible]E-02	1.[illegible]E-01	-4.[illegible]E-03	1.[illegible]E-02	-7.274484E-05
200101		2.[illegible]E-01	5.[illegible]E-02	1.[illegible]E-01	-3.[illegible]E-03	7.[illegible]E-03	-7.274484E-05

200136		2.5737035E-01	7.3757516E-02	1.3847384E-01	-2.6732366E-03	5.2915746E-03	-7.2744846E-05
200114		2.8465778E-01	8.5278756E-02	1.4011503E-01	-9.5151576E-04	1.0415256E-03	-7.2744846E-05
200121		2.7600526E-01	8.0551196E-02	1.4155436E-01	5.9453076E-04	-2.9910546E-03	-7.2744846E-05
200129		2.3449086E-01	7.5210996E-02	1.4319536E-01	2.1687976E-03	-7.1977646E-03	-7.2744846E-05
200137		1.6387726E-01	5.2997626E-02	1.4319526E-01	3.3127966E-03	-1.0265876E-02	-7.2744846E-05
200145		7.3446276E-02	2.3408656E-02	1.4319526E-01	4.0059096E-03	-1.2130456E-02	-7.2744846E-05
200153		-2.3773236E-02	-8.8247956E-03	1.4319526E-01	4.2277286E-03	-1.2727196E-02	-7.2744846E-05
200155		-9.1900216E-02	-1.8168046E-02	1.4319526E-01	4.2277286E-03	-1.2727196E-02	-7.2744846E-05
211001		-5.2357186E-01	-1.5381076E-02	1.2179046E-02	-3.5225916E-03	3.5103636E-03	-2.9854126E-03
211002		3.9666126E-01	2.9765786E-01	-1.3302556E-01	6.1475676E-03	-2.0163456E-03	-5.8342936E-03
211073		-1.4504946E-02	-6.1337746E-02	-9.2086516E-02	-4.9042786E-03	9.9191146E-03	-7.2744846E-05
211077		-2.6305386E-02	-6.1337746E-02	7.9295756E-02	-4.9042786E-03	9.9191146E-03	-7.2744846E-05
214075		-1.5405166E-02	-6.1539976E-02	-8.9699366E-03	-4.9042786E-03	9.9191146E-03	-7.2744846E-05
214901		-5.2357186E-01	-1.3539596E-01	-1.2623556E-01	-3.5225916E-03	3.5103636E-03	-2.9854126E-03
214902		3.9666126E-01	6.7611586E-02	-2.0521356E-02	6.1475676E-03	-2.0163456E-03	-5.8342936E-03
215101		-1.9341256E-01	-9.7213636E-02	-1.8667956E-01	-1.7540576E-03	1.5357956E-02	-1.1853716E-02
215102		1.6401276E-01	-7.7086616E-02	-7.6993896E-02	4.8436376E-03	-7.6219896E-03	-9.9026866E-03
215201		8.5293846E-03	-1.0056486E-01	-2.0246426E-01	1.0375456E-03	1.0202186E-02	-4.6288176E-03
215202		2.9285036E-02	-9.7906296E-02	-1.3073446E-01	3.2343256E-03	-1.7865326E-03	-3.0836416E-03
222001		-5.2089846E-01	1.1325966E-02	1.3392736E-01	-2.6046566E-03	7.9531416E-03	-4.3161186E-03
222002		3.9371656E-01	-9.7498666E-02	-1.2420386E-01	-6.5828156E-03	-8.1547206E-03	-6.3056356E-03
222201		-1.3859426E-01	2.7831756E-02	7.7632966E-02	-7.5666756E-04	1.7040286E-02	-9.6048686E-03
222202		5.4509526E-02	1.0576136E-02	-1.9323516E-02	-5.2119686E-03	-1.3305656E-02	-7.9506606E-03
222301		2.8110506E-02	2.5422726E-02	6.5337136E-02	-6.1563276E-05	9.9057006E-03	-6.3757646E-04
222302		-6.7580766E-02	2.6251106E-02	4.3403406E-02	-2.1771296E-03	-5.7165666E-03	4.9564246E-04
223401		-5.2089846E-01	-5.1472596E-02	1.8209106E-02	-2.6046856E-03	7.9531416E-03	-4.3161186E-03
223402		3.9371656E-01	-1.8924566E-01	-5.5525796E-03	-6.5828156E-03	-8.1547206E-03	-6.3056356E-03
520018		-1.7670826E-01	3.0463996E-01	5.4905666E-01	-9.3275316E-02	-3.5347206E-03	-6.8387876E-02
520024		-1.3430906E-01	3.0463996E-01	4.8224026E-01	-9.3254396E-02	-3.5347206E-03	-6.8381796E-02
520057		9.3919406E-02	3.0465486E-01	1.7304746E-01	-9.7918396E-02	-3.5347206E-03	-7.3376066E-02
520065		1.5097536E-01	3.0465936E-01	9.7413306E-02	-1.0124546E-01	-3.5347206E-03	-7.6907936E-02
520068		1.7976656E-01	3.0465996E-01	5.9637296E-02	-1.0297686E-01	-3.5347206E-03	-7.8750196E-02
520079		2.6764186E-01	3.0469366E-01	-5.4234876E-02	-1.0777986E-01	-3.5347206E-03	-8.3852476E-02
520135		8.1396796E-01	3.0493326E-01	-7.2954736E-01	-1.2983796E-01	-3.5347206E-03	-1.0709896E-01
520139		8.5802756E-01	3.0495566E-01	-7.8291316E-01	-1.3047476E-01	-3.5347206E-03	-1.0778526E-01
520152		1.0000036E 00	3.0502646E-01	-9.5459276E-01	-1.3134226E-01	-3.5347206E-03	-1.0867126E-01
520185		1.3583976E 00	3.0502646E-01	-1.3877576E 00	-1.3134226E-01	-3.5347206E-03	-1.0867126E-01

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 4.249065E 04

REAL EIGENVECTOR NO. 27

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	7.927038E-02	3.603852E-01	-3.593477E-01	0.0	0.0	0.0
3339	G	3.683836E-02	3.604546E-01	-3.595754E-01	0.0	0.0	0.0
3341	G	-1.265757E-02	3.952060E-01	-3.950556E-01	0.0	0.0	0.0
3349	G	4.345077E-02	4.961554E-01	-3.220199E-01	0.0	0.0	0.0
4631	G	1.047352E-01	3.066745E-01	-2.981211E-01	0.0	0.0	0.0
4633	G	1.161649E-01	2.986508E-01	-2.937181E-01	0.0	0.0	0.0
4637	G	3.792869E-02	2.977240E-01	-2.639131E-01	0.0	0.0	0.0
4639	G	1.047277E-02	3.063642E-01	-2.560762E-01	0.0	0.0	0.0
4641	G	5.729277E-02	3.233148E-01	-3.003399E-01	0.0	0.0	0.0
4649	G	-2.326407E-02	3.229573E-01	-2.565257E-01	0.0	0.0	0.0
4661	G	-2.933995E-02	3.473848E-01	-2.957890E-01	0.0	0.0	0.0
4669	G	-3.885643E-02	3.361396E-01	-2.596549E-01	0.0	0.0	0.0
6123	G	1.646674E-01	2.274742E-01	-1.555279E-01	0.0	0.0	0.0
6127	G	5.923683E-02	2.287153E-01	-1.380825E-01	0.0	0.0	0.0
6131	G	1.344499E-01	2.234335E-01	-1.579612E-01	0.0	0.0	0.0
6133	G	1.155509E-01	2.230316E-01	-1.544982E-01	0.0	0.0	0.0
6137	G	3.334448E-02	2.225857E-01	-1.888324E-01	0.0	0.0	0.0
6139	G	1.600248E-02	2.226320E-01	-1.881321E-01	0.0	0.0	0.0
6141	G	8.778763E-02	2.337903E-01	-1.613961E-01	0.0	0.0	0.0
6143	G	5.605967E-02	2.339228E-01	-1.517344E-01	0.0	0.0	0.0
6147	G	6.843284E-03	2.256078E-01	-1.918644E-01	0.0	0.0	0.0
6149	G	-2.336057E-02	2.255857E-01	-1.847814E-01	0.0	0.0	0.0
6161	G	5.055751E-02	2.472337E-01	-1.539063E-01	0.0	0.0	0.0
6163	G	1.470565E-02	2.475353E-01	-1.498019E-01	0.0	0.0	0.0
6167	G	-1.446373E-02	2.356105E-01	-1.983481E-01	0.0	0.0	0.0
6169	G	-4.835618E-02	2.354932E-01	-1.902959E-01	0.0	0.0	0.0
6171	G	-7.365495E-02	2.359694E-01	-2.132435E-01	0.0	0.0	0.0
6179	G	-5.445662E-02	2.339963E-01	-2.141187E-01	0.0	0.0	0.0
7031	G	1.351873E-01	1.603352E-01	0.0	0.0	0.0	0.0
7033	G	1.130046E-01	1.493829E-01	-7.593264E-02	0.0	0.	0.0
7037	G	4.399430E-02	1.609829E-01	-1.624662E-01	0.0	0.0	0.0
7039	G	1.225509E-02	1.612193E-01	0.0	0.0	0.0	0.0
7043	G	5.483727E-02	0.0	-7.595360E-02	0.0	0.0	0.0
7047	G	6.367780E-03	0.0	-1.571112E-01	0.0	0.0	0.0
7061	G	5.577271E-02	1.763002E-01	-5.317476E-02	0.0	0.0	0.0
7063	G	1.131396E-02	1.763002E-01	-7.579517E-02	0.0	0.0	0.0
7067	G	-2.071811E-02	1.594056E-01	-1.552143E-01	0.0	0.0	0.0
7069	G	-5.529917E-02	1.590577E-01	-5.438134E-02	0.0	0.0	0.0
7071	G	4.041626E-02	0.0	-7.167679E-02	0.0	0.0	0.0
7079	G	-8.817291E-02	0.0	-2.974533E-02	0.0	0.0	0.0
7505	G	1.877735E-01	2.272744E-01	-5.331301E-02	4.326988E-03	-7.617999E-03	-3.953816E-03
8300	G	-1.164958E-01	3.199162E-02	-2.814915E-02	0.0	0.0	0.0
8531	G	1.367340E-01	1.226898E-01	0.0	0.0	0.0	0.0
8533	G	1.130086E-01	1.238146E-01	3.430596E-02	0.0	0.0	0.0
8537	G	3.399230E-02	1.238146E-01	-5.223381E-02	0.0	0.0	0.0
8539	G	2.765526E-03	1.232248E-01	0.0	0.0	0.0	0.0
8543	G	5.376101E-02	0.0	3.310336E-02	0.0	0.0	0.0
8547	G	5.088530E-03	0.0	-5.377352E-02	0.0	0.0	0.0
8561	G	6.149000E-02	6.654751E-02	6.654823E-02	0.0	0.0	0.0
8563	G	1.241559E-02	6.730712E-02	3.278357E-02	0.0	0.0	0.0
8567	G	-2.431863E-02	5.329238E-02	-5.456574E-02	0.0	0.0	0.0
8569	G	-5.755729E-02	5.329226E-02	-6.696992E-03	0.0	0.0	0.0
8571	G	4.964248E-02	0.0	5.471467E-02	0.0	0.0	0.0
8579	G	-6.284028E-03	0.0	7.991679E-03	0.0	0.0	0.0
9303	G	2.965022E-02	1.473264E-01	9.684131E-02	0.0	0.0	0.0
9307	G	-4.467433E-02	1.472057E-01	1.083257E-02	0.0	0.0	0.0

9313		7.570589E-02	1.[illegible]	[illegible]	0.0	0.0	0.0
9317		-2.933525E-02	1.2871[illegible]	[illegible]	0.0	0.0	0.0
9331		1.956282E-01	8.5124[illegible]	1.[illegible]	0.0	0.0	0.0
9333		1.[illegible]9E-01	8.[illegible]	[illegible]	0.0	0.0	0.0
9337		3.116867E-02	6.[illegible]	4.[illegible]	0.0	0.0	0.0
9339		-3.991626E-03	8.6241726-02	-1.515004E-02	0.0	0.0	0.0
9341		0.0	1.[illegible]	1.[illegible]	0.0	0.0	0.0
9343		5.376127E-02	1.[illegible]	[illegible]	0.0	0.0	0.0
9347		[illegible]	1.[illegible]	[illegible]	0.0	0.0	0.0
9349		0.0	1.[illegible]	-1.786115E-02	0.0	0.0	0.0
9361		6.430227E-02	-2.[illegible]	1.[illegible]	0.0	0.0	0.0
9363		1.930825E-02	-2.[illegible]	1.[illegible]	0.0	0.0	0.0
9367		-1.420873E-02	-1.[illegible]	1.484519E-02	0.0	0.0	0.0
9369		-4.554276E-02	-1.[illegible]	-5.[illegible]	0.0	0.0	0.0
9371		3.401349E-02	-5.[illegible]	1.[illegible]	0.0	0.0	0.0
9373		0.0	-4.[illegible]	1.[illegible]	0.0	0.0	0.0
9377		0.0	-4.[illegible]	1.13e436E-02	0.0	0.0	0.0
9379		-4.517862E-02	-4.[illegible]	-4.[illegible]	0.0	0.0	0.0
11300		1.762987E-02	-6.[illegible]	2.[illegible]	0.0	0.0	0.0
11503		3.616221E-02	3.0272916-02	0.0	0.0	0.0	0.0
11507		-2.718006E-02	3.0272916-02	0.0	0.0	0.0	0.0
11531		1.035550E-01	-2.395904E-03	0.0	0.0	0.0	0.0
11533		7.403817E-02	-2.903009E-03	1.503713E-01	0.0	0.0	0.0
11537		2.021572E-02	-5.390301E-03	5.580263E-02	0.0	0.0	0.0
11539		-6.293092E-03	-5.475808E-03	0.0	0.0	0.0	0.0
11543		5.128155E-02	-4.963881E-02	1.533449E-01	0.0	0.0	0.0
11547		6.146204E-03	-4.963881E-02	5.577260E-02	0.0	0.0	0.0
11561		4.814588E-02	-1.335860E-01	1.857669E-01	0.0	0.0	0.0
11563		3.013759E-02	-1.341159E-01	1.499683E-01	0.0	0.0	0.0
11567		-4.491753E-05	-9.432423E-02	5.558734E-02	0.0	0.0	0.0
11569		-1.709329E-02	-9.401858E-02	2.184943E-02	0.0	0.0	0.0
11571		6.539124E-02	0.0	1.775459E-01	0.0	0.0	0.0
11579		-1.875062E-02	0.0	2.170539E-02	0.0	0.0	0.0
11700		-3.267771E-02	-3.025797E-02	8.028525E-02	0.0	0.0	0.0
13500		5.895822E-02	-2.127814E-01	1.198844E-01	0.0	0.0	0.0
13801		-6.656487E-03	-[illegible]	1.686[illegible]	0.0	0.0	0.0
13803		-6.636139E-03	-2.013885E-02	1.537582E-01	0.0	0.0	0.0
13807		-2.266437E-02	-1.965015E-02	7.986134E-02	0.0	0.0	0.0
13809		-1.476032E-02	2.400757E-02	6.119324E-02	0.0	0.0	0.0
13821		5.783927E-03	-4.883250E-02	1.739254E-01	0.0	0.0	0.0
13823		9.079769E-03	-4.936572E-02	1.523731E-01	0.0	0.0	0.0
13827		2.044646E-03	-4.993541E-02	7.794273E-02	0.0	0.0	0.0
13829		7.610567E-03	-5.025280E-02	5.440229E-02	0.0	0.0	0.0
13831		7.882130E-02	-7.613754E-02	1.745234E-01	0.0	0.0	0.0
13833		4.345598E-02	-7.661587E-02	1.501824E-01	0.0	0.0	0.0
13837		1.402185E-02	-7.802981E-02	7.468158E-02	0.0	0.0	0.0
13839		-4.208371E-03	-7.834500E-02	4.966596E-02	0.0	0.0	0.0
13841		0.0	-1.137249E-01	1.772157E-01	0.0	0.0	0.0
13843		4.355102E-02	-1.114388E-01	1.480855E-01	0.0	0.0	0.0
13847		1.409032E-02	-1.113827E-01	7.316804E-02	0.0	0.0	0.0
13848		1.380948E-02	-1.037052E-01	7.353401E-02	0.0	0.0	0.0
13849		0.0	-1.041677E-01	4.413063E-02	0.0	0.0	0.0
13861		1.405289E-02	-1.534357E-01	1.761295E-01	0.0	0.0	0.0
13863		3.723368E-02	-1.534506E-01	1.472279E-01	0.0	0.0	0.0
13867		1.171115E-02	-1.282228E-01	7.216364E-02	0.0	0.0	0.0
13869		6.063893E-03	-1.283046E-01	4.754856E-02	0.0	0.0	0.0
13871		2.906287E-02	0.0	1.795473E-01	0.0	0.0	0.0
13879		1.855132E-02	0.0	3.754561E-02	0.0	0.0	0.0
14801		-6.653487E-03	-3.426354E-02	1.494014E-01	0.0	0.0	0.0
14803		-1.337615E-02	-3.123081E-02	1.288897E-01	0.0	0.0	0.0
14807		-1.551190E-02	-2.989991E-02	6.157822E-02	0.0	0.0	0.0
14809		-1.476032E-02	-3.281295E-02	4.039895E-02	0.0	0.0	0.0
14821		4.169855E-03	-6.155959E-02	1.556899E-01	0.0	0.0	0.0
14823		7.028777E-03	-6.131886E-02	1.288897E-01	0.0	0.0	0.0
14827		3.792817E-03	-6.027943E-02	6.157822E-02	0.0	0.0	0.0
14829		1.003489E-02	-6.076094E-02	3.400882E-02	0.0	0.0	0.0

14831		7.441397E-02	-1.317745E-01	1.542501E-01	0.0	0.0	0.0
14833	G	3.562915E-02	-1.311906E-01	1.296514E-01	0.0	0.0	0.0
14837		1.491745E-02	-9.773116E-02	8.104695E-02	0.0	0.0	0.0
14839		-5.551427E-03	-9.794784E-02	8.543459E-02	0.0	0.0	0.0
14841		0.0	-1.251030E-01	1.511415E-01	0.0	0.0	0.0
14843		3.377477E-02	-1.259094E-01	1.307721E-01	0.0	0.0	0.0
14847	G	1.669390E-02	-1.230576E-01	6.047752E-02	0.0	0.0	0.0
14849	G	0.0	-1.220753E-01	3.765395E-02	0.0	0.0	0.0
14861	G	-1.001226E-03	-1.405818E-01	1.487625E-01	0.0	0.0	0.0
14863	G	3.667373E-02	-1.421728E-01	1.304938E-01	0.0	0.0	0.0
14867	G	1.866314E-02	-1.396649E-01	8.110938E-02	0.0	0.0	0.0
14869	G	2.891634E-02	-1.386153E-01	3.834566E-02	0.0	0.0	0.0
14881	G	3.166724E-02	-1.596050E-01	1.432976E-01	0.0	0.0	0.0
14883	G	3.151453E-02	-1.604369E-01	1.275831E-01	0.0	0.0	0.0
14887	G	7.433625E-02	-1.529010E-01	4.716576E-02	0.0	0.0	0.0
14889	G	5.581513E-02	-1.621308E-01	2.828653E-02	0.0	0.0	0.0
15212	G	-6.858103E-03	-4.121556E-02	1.316442E-01	3.354249E-03	2.274737E-03	3.085074E-04
15218	G	-8.926532E-03	-3.963275E-02	4.122348E-02	3.386792E-03	2.152143E-03	3.397574E-04
15601	G	-2.804604E-02	-3.607916E-02	1.257113E-01	0.0	0.0	0.0
15603	G	-1.337615E-02	-2.879051E-02	1.108960E-01	0.0	0.0	0.0
15607	G	-1.551190E-02	-2.673782E-02	4.455477E-02	0.0	0.0	0.0
15609	G	-8.275674E-04	-3.365323E-02	1.998702E-02	0.0	0.0	0.0
15621	G	2.517305E-03	-5.793731E-02	1.289650E-01	0.0	0.0	0.0
15623	G	6.513570E-03	-5.687857E-02	1.164977E-01	0.0	0.0	0.0
15625	G	5.911417E-03	-5.842094E-02	7.863375E-02	0.0	0.0	0.0
15627	G	4.460409E-03	-5.711735E-02	3.889483E-02	0.0	0.0	0.0
15629	G	1.375606E-02	-5.517047E-02	1.574612E-02	0.0	0.0	0.0
15633	G	8.258535E-03	0.0	1.158267E-01	0.0	0.0	0.0
15637	G	3.396386E-02	0.0	4.238430E-02	0.0	0.0	0.0
16491	G	2.849227E-02	-1.214301E-01	1.389475E-01	0.0	0.0	0.0
16493	G	3.225391E-02	-1.214100E-01	0.0	0.0	0.0	0.0
16495	G	4.963674E-02	-1.220653E-01	0.0	0.0	0.0	0.0
16497	G	6.338334E-02	-1.270949E-01	0.0	0.0	0.0	0.0
16499	G	6.711751E-02	-1.283226E-01	1.250099E-03	0.0	0.0	0.0
17100	G	7.807022E-02	-1.285490E-01	2.357562E-02	0.0	0.0	0.0
18601	G	-2.944229E-02	-5.377237E-03	-1.668174E-02	0.0	0.0	0.0
18603	G	-2.210937E-02	-2.394829E-03	-2.607403E-02	0.0	0.0	0.0
18607	G	1.249036E-02	-5.526100E-03	-5.509420E-02	0.0	0.0	0.0
18609	G	2.142523E-02	-7.131174E-03	-6.495680E-02	0.0	0.0	0.0
18621	G	-2.661424E-02	-2.493652E-02	-1.289590E-02	0.0	0.0	0.0
18623	G	-1.433395E-02	-2.461810E-02	-2.638022E-02	0.0	0.0	0.0
18625	G	8.759062E-03	-2.443630E-02	-4.139356E-02	0.0	0.0	0.0
18627	G	2.621314E-02	-2.524554E-02	-5.617347E-02	0.0	0.0	0.0
18629	G	3.687625E-02	-2.587713E-02	-6.941222E-02	0.0	0.0	0.0
18631	G	-1.304361E-02	-1.930774E-02	-1.871448E-02	0.0	0.0	0.0
18633	G	0.0	-2.023845E-02	-2.830227E-02	0.0	0.0	0.0
18635	G	0.0	-2.114175E-02	-4.238367E-02	0.0	0.0	0.0
18637	G	0.0	-2.231142E-02	-5.604559E-02	0.0	0.0	0.0
14639	G	3.534946E-02	-2.241826E-02	-6.570377E-02	0.0	0.0	0.0
18641	G	-6.449485E-02	-1.192207E-02	-2.548859E-02	-1.140362E-03	1.122412E-03	-4.712723E-03
18642	G	-5.399799E-02	-1.158660E-02	-2.601182E-02	5.499384E-04	1.544780E-03	-4.694495E-03
18643	G	-6.987447E-02	-1.132211E-02	-2.762359E-02	0.0	1.965934E-03	-4.396155E-03
18644	G	-8.603215E-02	-1.137725E-02	-3.672652E-02	0.0	0.0	-5.940728E-04
18645	G	-7.986903E-02	-1.131730E-02	-4.424356E-02	0.0	0.0	2.648429E-03
18646	G	-5.569857E-02	-1.142131E-02	-5.185029E-02	0.0	0.0	5.671743E-03
18647	G	-7.601665E-03	-2.000483E-02	-6.050772E-02	0.0	3.185388E-03	8.898842E-03
18648	G	2.391045E-02	-2.076298E-02	-6.352317E-02	9.706558E-04	1.785631E-03	9.234227E-03
18649	G	4.274425E-02	-2.130667E-02	-6.511241E-02	6.279195E-04	3.320364E-04	9.766478E-03
18651	G	-4.145156E-02	-7.422942E-03	-2.610131E-02	-1.166104E-03	1.423275E-03	-5.121164E-03
18652	G	-5.139434E-02	-1.031723E-02	-2.673736E-02	7.561222E-04	2.264930E-03	-4.397970E-03
18653	G	2.611857E-02	-2.133471E-02	-6.360777E-02	4.355111E-04	2.819097E-03	8.081070E-03
18654	G	4.387519E-02	-2.233812E-02	-6.513446E-02	5.473872E-04	5.734230E-04	9.136222E-03
18656	G	-3.322487E-02	-6.412598E-03	-2.611192E-02	-1.254512E-03	2.040751E-03	-1.762638E-03
18657	G	-3.714043E-02	-6.561818E-03	-2.703196E-02	1.294115E-03	2.953512E-03	-2.091348E-03
18658	G	3.810713E-02	-1.475620E-02	-6.342084E-02	1.033328E-03	2.239504E-03	9.967354E-03
18659	G	4.773544E-02	-1.473752E-02	-6.556965E-02	1.059203E-03	6.724353E-04	9.621975E-03

18661		-3.123338E-02	-5.425314E-03	-2.432300E-02	-1.662740E-03	2.872855E-03	-2.763645E-03
18662	G	-3.498193E-02	-7.564686E-03	-2.677301E-02	1.665932E-03	4.347946E-03	-1.070945E-03
18663	G	-3.760066E-02	-9.314737E-03	-3.184646E-02	3.076726E-03	5.818974E-03	-5.113402E-04
18664		-3.368032E-02	-1.139662E-02	-3.781765E-02	0.0	0.0	1.574839E-03
18665		-1.991360E-02	-1.689912E-02	-4.524871E-02	0.0	0.0	3.059192E-03
18666	G	3.402745E-04	-1.944450E-02	-5.235360E-02	0.0	0.0	3.815647E-03
18667	G	2.582021E-02	-2.126593E-02	-5.985397E-02	2.274062E-03	2.470581E-03	3.795895E-03
18668	G	3.895532E-02	-2.127267E-02	-6.405443E-02	1.285819E-03	1.201502E-03	3.731879E-03
18669		4.624251E-02	-2.115542E-02	-6.642187E-02	5.650190E-04	-7.108417E-05	3.613621E-03
18681	G	2.967481E-02	-4.519033E-02	-2.156268E-02	0.0	0.0	0.0
18684	G	3.221513E-02	-4.584312E-02	-3.342163E-02	3.076726E-03	5.766660E-03	9.178561E-04
18685	G	4.571383E-02	-4.928048E-02	-4.752846E-02	0.0	0.0	0.0
18687	G	5.493213E-02	-4.848665E-02	-5.926493E-02	2.274062E-03	2.370836E-03	9.178559E-04
18689	G	7.503672E-02	-4.915452E-02	-6.820875E-02	0.0	0.0	0.0
18983	G	3.159543E-02	-4.505451E-02	-4.759741E-02	0.0	1.701086E-03	-4.062681E-04
18987	G	5.331256E-02	-4.766590E-02	-6.471390E-02	0.0	6.755174E-04	-3.651655E-04
19741	G	-4.551409E-02	-4.010835E-02	-4.967259E-02	2.641402E-03	-6.524091E-05	-2.333249E-03
19742	G	-6.196821E-02	-3.723397E-02	-7.255042E-02	3.216512E-03	1.751227E-03	-1.821413E-03
19743	G	-6.473631E-02	-3.763217E-02	-8.034116E-02	0.0	2.379224E-03	-7.398317E-04
19745	G	-5.620914E-02	-4.131138E-02	-9.670359E-02	0.0	0.0	2.790507E-03
19747	G	-2.216080E-02	-4.602222E-02	-9.415734E-02	0.0	2.695391E-03	5.704902E-03
19748	G	-9.016804E-03	-4.710029E-02	-9.135640E-02	-9.870576E-04	2.251290E-03	6.404541E-03
19749	G	4.222777E-02	-4.872951E-02	-8.177102E-02	-1.788384E-03	9.229986E-05	6.807316E-03
19751	G	-4.696757E-02	-4.199843E-02	-5.003149E-02	3.222347E-03	-7.289480E-04	-6.167975E-04
19752	G	-6.840384E-02	-4.387465E-02	-7.259142E-02	2.597551E-03	2.115616E-03	2.720120E-05
19758	G	7.717334E-03	-4.245265E-02	-9.112918E-02	-5.833413E-04	2.178737E-03	6.696186E-03
19759	G	4.308426E-02	-4.041813E-02	-8.204013E-02	-2.255048E-03	1.809534E-04	6.498281E-03
19761	G	-6.926855E-02	-5.001110E-02	-6.994920E-02	2.997132E-03	-1.027217E-03	7.991998E-04
19762	G	-6.290193E-02	-6.958356E-02	-7.263714E-02	3.008734E-03	2.262408E-03	8.952518E-04
19763	G	-6.038906E-02	-6.930168E-02	-7.949609E-02	0.0	2.455350E-03	1.414873E-03
19765	G	-2.274067E-02	-6.611711E-02	-9.992129E-02	0.0	0.0	2.939222E-03
19767	G	6.543606E-03	-6.197703E-02	-9.369979E-02	0.0	2.591186E-03	3.848189E-03
19768	G	1.305123E-02	-6.109586E-02	-9.102046E-02	-1.254427E-03	2.156615E-03	3.962939E-03
19769	G	6.357287E-02	-5.943437E-02	-8.207364E-02	-8.705875E-04	2.096062E-04	4.002109E-03
21183	G	2.895417E-02	-1.088711E-01	7.748265E-03	0.0	2.881819E-03	-4.814949E-03
21187	G	4.862038E-02	-1.105232E-01	-5.686757E-02	0.0	1.748225E-03	-4.727345E-03
21321	G	-6.504421E-02	6.993462E-02	1.031744E-03	0.0	0.0	0.0
21323	G	-2.073206E-02	6.870460E-02	-1.299225E-02	0.0	0.0	0.0
21325	G	7.666461E-03	6.808405E-02	-3.457415E-02	0.0	0.0	0.0
21327	G	3.607526E-02	6.839871E-02	-5.594210E-02	0.0	0.0	0.0
21329	G	6.382197E-02	6.942486E-02	-6.825570E-02	0.0	0.0	0.0
21341	G	-5.822084E-02	-9.340093E-02	7.196623E-03	1.384470E-03	2.884012E-03	-7.566713E-03
21343	G	-9.565520E-02	-1.052347E-02	-2.788280E-03	0.0	2.789692E-03	-5.879968E-03
21345	G	-9.651255E-02	-1.099323E-02	-3.048416E-02	0.0	1.091677E-03	4.669469E-03
21347	G	-8.012373E-03	-7.269830E-02	-6.138941E-02	0.0	-6.063369E-04	9.112891E-03
21349	G	4.306745E-02	-7.244045E-02	-7.525980E-02	2.061552E-03	-7.006570E-04	9.109322E-03
21361	G	-7.661283E-02	-9.322631E-02	5.735774E-03	0.0	0.0	0.0
21363	G	-6.075888E-02	-9.403014E-02	-1.871657E-03	2.166243E-03	7.373728E-03	0.0
21364	G	-5.298271E-02	-9.366882E-02	-1.681762E-02	0.0	0.0	0.0
21366	G	-1.036064E-02	-9.414852E-02	-4.440080E-02	0.0	0.0	0.0
21367	G	1.517937E-02	-9.395534E-02	-6.186983E-02	2.176854E-03	2.693173E-03	0.0
21369	G	3.924117E-02	-9.440082E-02	-7.582932E-02	0.0	0.0	0.0
21383	G	2.876368E-02	-1.197697E-01	-2.552416E-03	1.810596E-03	6.618291E-03	-4.970841E-03
21387	G	4.859398E-02	-1.212077E-01	-6.176664E-02	2.150428E-03	2.588499E-03	-4.863556E-03
21485	G	0.0	-1.262188E-01	-3.251541E-02	2.766563E-03	0.0	0.0
21801	G	-2.732933E-02	8.539402E-02	-2.126634E-03	0.0	0.0	0.0
21803	G	-5.658593E-03	8.824992E-02	-1.003477E-02	0.0	0.0	0.0
21807	G	4.084907E-02	8.765537E-02	-4.295166E-02	0.0	0.0	0.0
21809	G	6.136930E-02	8.466754E-02	-5.278085E-02	0.0	0.0	0.0
21821	G	-4.491694E-02	7.130551E-02	5.405165E-03	0.0	0.0	0.0
21823	G	-2.128142E-02	7.131708E-02	-9.988561E-03	0.0	0.0	0.0
21825	G	7.773157E-03	7.072759E-02	-2.685541E-02	0.0	0.0	0.0
21827	G	3.731446E-02	7.041425E-02	-4.438452E-02	0.0	0.0	0.0
21829	G	6.393421E-02	6.988263E-02	-6.040788E-02	0.0	0.0	0.0
22312	G	-2.801154E-02	9.914094E-02	2.715129E-03	0.0	0.0	0.0
22318	G	5.772932E-02	9.962308E-02	-4.616067E-02	0.0	0.0	0.0

22701	6	-2.417159E-02	1.216699E-01	9.313135E-03	0.0	0.0	0.0
22703	6	-8.785603E-04	1.259019E-01	-3.534012E-03	0.0	0.0	0.0
22707	6	4.158917E-02	1.252480E-01	-2.937301E-03	0.0	0.0	0.0
22709	6	6.126130E-02	1.204526E-01	-3.983363E-03	0.0	0.0	0.0
22721	6	-4.457359E-02	1.379657E-01	1.274421E-03	0.0	0.0	0.0
22723	6	-2.171096E-02	1.376025E-01	2.210119E-03	0.0	0.0	0.0
22725	6	7.512864E-03	1.341433E-01	-1.654262E-03	0.0	0.0	0.0
22727	6	3.795365E-02	1.372448E-01	-3.374533E-03	0.0	0.0	0.0
22729	6	6.325996E-02	1.371515E-01	-4.610132E-03	0.0	0.0	0.0
23100	6	-3.430744E-02	1.103146E-01	1.553379E-03	0.0	0.0	0.0
25001	6	-1.618694E-02	2.159409E-01	8.446567E-03	0.0	0.0	0.0
25003	6	-4.367365E-04	2.209075E-01	7.471187E-03	0.0	0.0	0.0
25007	6	4.268452E-02	2.212735E-01	4.226490E-03	0.0	0.0	0.0
25009	6	6.323773E-02	2.167842E-01	2.661913E-03	0.0	0.0	0.0
25021	6	-4.351156E-02	1.987283E-01	9.500309E-03	0.0	0.0	0.0
25025	6	5.662270E-03	2.001703E-01	5.522990E-03	0.0	0.0	0.0
25029	6	6.161346E-02	2.014536E-01	1.825362E-03	0.0	0.0	0.0
25041	6	-7.652569E-02	1.443128E-01	9.651439E-03	0.0	0.0	0.0
25045	6	0.0	1.437333E-01	5.494566E-03	0.0	0.0	0.0
25049	6	3.879409E-02	1.429802E-01	1.416904E-03	0.0	0.0	0.0
25061	6	-1.073117E-01	1.349750E-01	9.397076E-03	0.0	0.0	0.0
25065	6	-4.290347E-02	1.045426E-01	5.413463E-03	0.0	0.0	0.0
25067	6	2.285734E-02	1.039657E-01	1.229123E-03	0.0	0.0	0.0
26801	6	-5.453184E-03	2.961523E-01	1.272039E-01	0.0	0.0	0.0
26809	6	3.963317E-02	2.980531E-01	9.203494E-03	0.0	0.0	0.0
26821	6	-4.455008E-02	2.786422E-01	1.450494E-01	0.0	0.0	0.0
26825	6	1.341165E-03	2.780618E-01	1.090443E-01	0.0	0.0	0.0
26829	6	5.534252E-02	2.776744E-01	6.530762E-02	0.0	0.0	0.0
26841	6	-6.937391E-02	2.304912E-01	1.480131E-01	0.0	0.0	0.0
26845	6	0.0	2.330157E-01	1.154485E-01	0.0	0.0	0.0
26849	6	3.068924E-02	2.351744E-01	6.545134E-02	0.0	0.0	0.0
26861	6	-1.004443E-01	1.976730E-01	1.514133E-01	0.0	0.0	0.0
26865	6	-4.477466E-02	1.976686E-01	1.247345E-01	0.0	0.0	0.0
26869	6	9.842403E-03	1.966945E-01	6.719023E-02	0.0	0.0	0.0
29905	6	-1.156234E-03	4.206417E-01	1.520243E-01	0.0	0.0	0.0
29921	6	-4.153013E-02	4.105449E-01	1.815919E-01	0.0	0.0	0.0
29925	6	-5.325191E-03	4.094830E-01	1.518733E-01	0.0	0.0	0.0
29929	6	6.670671E-03	4.105449E-01	1.212478E-01	0.0	0.0	0.0
29941	6	6.566751E-02	3.745112E-01	1.866509E-01	0.0	0.0	0.0
29945	6	0.0	3.749139E-01	1.520223E-01	0.0	0.0	0.0
29949	6	2.115789E-02	3.749100E-01	1.154375E-01	0.0	0.0	0.0
29961	6	-5.874604E-02	3.392583E-01	1.815372E-01	0.0	0.0	0.0
29965	6	-4.020578E-02	3.379406E-01	1.498443E-01	0.0	0.0	0.0
29969	6	-9.007864E-03	3.392583E-01	1.192930E-01	0.0	0.0	0.0
33045	6	-2.579872E-02	3.744550E-01	1.509436E-01	2.531212E-03	-6.115260E-04	2.023524E-03
31745	6	-2.844942E-02	3.950273E-01	1.535093E-01	2.378586E-03	3.004698E-04	5.377624E-04
33845	6	-3.005215E-02	3.829230E-01	1.371388E-01	2.103051E-03	1.214759E-03	-1.433605E-03
35945	6	-3.081126E-02	3.225311E-01	1.003872E-01	1.766493E-03	2.200487E-03	-4.039757E-03
38045	6	-3.052523E-02	2.872402E-01	4.381705E-02	1.273276E-03	3.154585E-03	-6.720297E-03
40141	6	4.346347E-01	3.931523E-02	-1.757641E-02	2.080913E-04	3.813243E-03	-1.959729E-02
40142	6	2.410683E-01	3.931523E-02	-1.999415E-02	2.829666E-04	3.813243E-03	-1.674952E-02
40143	6	7.718667E-02	3.931523E-02	-2.377250E-02	4.372636E-04	3.813243E-03	-1.198458E-02
40145	6	-2.926689E-02	3.928302E-02	-3.048382E-02	5.758128E-04	3.813343E-03	-9.068012E-03
40147	6	-1.370585E-01	3.931543E-02	-3.860179E-02	1.387206E-03	3.813146E-03	-1.240726E-02
40148	6	-3.187339E-01	3.931543E-02	-6.128033E-02	2.532451E-03	3.813146E-03	-1.866790E-02
40149	6	-5.392342E-01	3.931543E-02	-9.230357E-02	3.216906E-03	3.813146E-03	-2.243028E-02
42245	6	-2.736148E-02	-1.691490E-01	-1.113406E-01	-4.031691E-04	3.752154E-03	-1.067308E-02
44345	6	-2.663756E-02	-4.306192E-01	-1.790361E-01	-1.859548E-03	2.517749E-03	-1.135808E-02
45245	6	-2.672595E-02	-5.021141E-01	-1.975102E-01	-2.753896E-03	1.488145E-03	-1.118105E-02
46445	6	-2.801424E-02	-6.283169E-01	-2.058835E-01	-4.055593E-03	-1.536756E-04	-1.045786E-02
48045	6	-3.818737E-02	-8.516035E-01	-1.997643E-01	-5.800270E-03	-3.387102E-04	-1.666063E-03
48845	6	-5.000250E-02	-9.874100E-01	-1.901206E-01	-6.635450E-03	-1.641165E-03	4.479438E-03
49745	6	-6.875306E-02	-1.569765E-01	-1.732638E-01	-7.239599E-03	-2.412244E-03	1.141056E-02
50645	6	-9.339321E-02	-2.621217E-01	-1.504923E-01	-6.952167E-03	-3.009429E-03	1.876486E-02
51545	6	-1.231216E-01	-2.080202E-01	-1.225913E-01	-6.259602E-03	-3.562350E-03	2.732899E-02
52045	6	-1.567965E-01	2.179762E-01	-1.042437E-01	-4.782580E-03	-3.826543E-03	3.755672E-02

61912	G	-2.686078E-02	-6.982656E-04	-2.907607E-02	-2.289864E-03	1.677685E-03	-3.479308E-03
61913	G	-2.901997E-02	-3.645322E-03	-2.907607E-02	-2.289864E-03	1.677685E-03	1.019984E-03
61914	G	-3.102144E-02	-6.477128E-03	-2.907607E-02	-2.289864E-03	1.677685E-03	-1.585208E-03
61916	G	-3.470365E-02	-8.530043E-03	-2.905336E-02	-2.555117E-03	1.636270E-03	-5.440831E-03
61917	G	-3.634156E-02	-1.108772E-02	-2.905336E-02	-2.555117E-03	1.636270E-03	-8.551322E-03
61918	G	-3.828708E-02	-1.412575E-02	-2.905336E-02	-2.555117E-03	1.636270E-03	-4.592653E-03
61922	G	-4.671282E-02	-4.221160E-02	-4.561527E-02	2.415502E-03	-9.664570E-04	-3.758956E-03
61923	G	-4.586234E-02	-4.038596E-02	-4.561527E-02	2.415502E-03	-9.664572E-04	-8.271195E-04
61924	G	-4.507951E-02	-3.812940E-02	-4.561527E-02	2.415502E-03	-9.664570E-04	-6.820332E-03
61926	G	-4.276936E-02	-4.268575E-02	-4.678826E-02	8.942008E-04	-1.336079E-03	-1.190668E-02
61927	G	-4.186082E-02	-4.207770E-02	-4.678826E-02	8.942008E-04	-1.336079E-03	-2.586757E-03
61928	G	-4.049802E-02	-4.116561E-02	-4.678826E-02	8.942008E-04	-1.336079E-03	-1.243629E-02
61934	G	-4.381600E-02	-9.482074E-02	5.312309E-03	-3.652568E-03	2.894429E-03	-9.095609E-03
61935	G	-4.566844E-02	-9.715837E-02	5.312309E-03	-3.652568E-03	2.894430E-03	-7.984586E-03
61936	G	-4.769454E-02	-9.971517E-02	5.312309E-03	-3.652568E-03	2.894429E-03	-1.655463E-02
62211	G	-3.501588E-02	1.784279E-02	-5.040667E-02	0.0	0.0	0.0
62213	G	-3.056060E-02	1.104226E-03	-5.[illegible]0972E-02	-8.089319E-03	3.817062E-03	4.493454E-04
62217	G	-1.183546E-02	-1.691413E-02	-5.255737E-02	-9.811807E-03	4.225951E-03	-7.462006E-03
62219	G	-8.960619E-03	-2.318988E-02	-5.592769E-02	0.0	0.0	0.0
62221	G	-3.287434E-02	-3.762943E-02	-3.187709E-02	-2.377880E-03	2.156448E-03	-3.563871E-03
62224	G	-2.493884E-02	-4.095249E-02	-3.221487E-02	-3.472414E-04	-8.210957E-03	-6.360140E-03
62226	G	-8.287549E-03	-4.920192E-02	-3.320343E-02	2.878601E-03	8.089852E-03	-1.072241E-02
62229	G	-1.132278E-03	-5.131039E-02	-3.360585E-02	-3.707740E-03	-1.755032E-02	-1.026211E-02
62231	G	-8.902982E-03	-1.144254E-01	1.586307E-02	1.691077E-02	1.017588E-02	-7.258270E-03
62239	G	-6.342030E-06	-1.336516E-01	1.533656E-02	6.671038E-03	-1.610751E-04	-1.457893E-02
62811	G	-2.216451E-02	1.492127E-02	-8.582937E-02	0.0	0.0	0.0
62819	G	2.163175E-02	-2.671247E-02	-8.273530E-02	0.0	0.0	0.0
62821	G	-1.288144E-02	-3.980530E-02	-3.801133E-02	0.0	0.0	0.0
62829	G	3.361963E-02	-5.829553E-02	-3.755716E-02	0.0	0.0	0.0
62831	G	2.505134E-02	-1.207517E-01	4.363176E-02	0.0	0.0	0.0
62839	G	3.663979E-02	-1.149130E-01	4.365709E-02	0.0	0.0	0.0
63411	G	-4.837461E-03	1.822528E-02	-1.142235E-01	0.0	0.0	0.0
63419	G	5.266505E-02	-2.811380E-02	-1.136428E-01	0.0	0.0	0.0
63421	G	7.767774E-03	-4.203693E-02	-4.530105E-02	0.0	0.0	0.0
63429	G	6.896263E-02	-6.502473E-02	-4.531081E-02	0.0	0.0	0.0
63431	G	5.668284E-02	-1.279075E-01	6.141879E-02	0.0	0.0	0.0
63439	G	7.272375E-02	-1.246330E-01	6.146702E-02	0.0	0.0	0.0
64211	G	1.984997E-02	2.203812E-02	-1.640247E-01	0.0	0.0	0.0
64219	G	9.894907E-02	-3.143964E-02	-1.632408E-01	0.0	0.0	0.0
64221	G	4.048325E-02	-4.611883E-02	-5.931101E-02	0.0	0.0	0.0
64229	G	1.240734E-01	-7.447273E-02	-5.941883E-02	-3.805942E-03	-1.089403E-02	-4.515458E-03
64231	G	1.054437E-01	-1.374009E-01	8.621803E-02	0.0	0.0	0.0
64239	G	1.287251E-01	-1.350016E-01	8.625114E-02	0.0	0.0	0.0
65011	G	4.434633E-02	2.399427E-02	-2.242762E-01	0.0	0.0	0.0
65019	G	1.447924E-01	-3.460256E-02	-2.230883E-01	0.0	0.0	0.0
65021	G	7.667547E-02	-5.184652E-02	-7.414544E-02	0.0	0.0	0.0
65029	G	1.814373E-01	-8.325773E-02	-7.399249E-02	0.0	0.0	0.0
65031	G	1.560659E-01	-1.474416E-01	1.088039E-01	0.0	0.0	0.0
65039	G	1.875745E-01	-1.441200E-01	1.088136E-01	0.0	0.0	0.0
65911	G	6.905735E-02	2.052626E-02	-2.960446E-01	0.0	0.0	0.0
65919	G	1.888164E-01	-3.351649E-02	-3.000349E-01	0.0	0.0	0.0
65921	G	1.192928E-01	-6.100785E-02	-6.494759E-02	0.0	0.0	0.0
65929	G	2.420133E-01	-9.290749E-02	-8.213061E-02	-5.799990E-03	-2.493261E-02	-6.795518E-03
65931	G	2.080152E-01	-1.480787E-01	1.268086E-01	0.0	0.0	0.0
65939	G	2.466834E-01	-1.485438E-01	1.269907E-01	0.0	0.0	0.0
71912	G	5.105264E-02	-1.982365E-02	-6.664473E-02	2.956043E-04	-1.102176E-03	3.577690E-03
71913	G	5.247115E-02	-1.944321E-02	-6.664473E-02	2.956043E-04	-1.102176E-03	-2.351924E-04
71914	G	5.378604E-02	-1.909055E-02	-6.664473E-02	2.956043E-04	-1.102176E-03	4.439279E-03
71916	G	5.631445E-02	-2.391440E-02	-6.566936E-02	3.180022E-04	5.069586E-05	9.356514E-03
71917	G	5.626370E-02	-2.359608E-02	-6.566936E-02	3.180022E-04	5.069586E-05	-1.469865E-03
71918	G	5.620342E-02	-2.321798E-02	-6.566936E-02	3.180022E-04	5.069586E-05	9.959150E-03
71922	G	4.977921E-02	-3.592508E-02	-7.807887E-02	-3.094378E-03	2.171714E-04	-3.107933E-04
71923	G	4.958810E-02	-3.844813E-02	-7.807887E-02	-3.094379E-03	2.171714E-04	4.432924E-03
71924	G	4.941219E-02	-4.115458E-02	-7.807887E-02	-3.094378E-03	2.171714E-04	8.986925E-04
71926	G	5.220448E-02	-4.818295E-02	-7.807273E-02	-3.188071E-03	-1.786540E-04	-3.122173E-05
71927	G	5.232474E-02	-5.035083E-02	-7.807273E-02	-3.188071E-03	-1.786540E-04	6.969996E-03

71925		5.25351E-02	5.86J267E-02	-7.837273E-J2	-3.186J71E-03	-1.7o4540E-04	-1.915989E-04
71934		5.71470E-J2	-7.3759246E-02	-7.459724E-J2	-2.5973942E-03	-7.1125978E-J4	-1.170879E-03
71935		5.78o2J9E-J2	-7.2421611E-02	-7.459724E-J2	-2.5973J2E-03	-7.1125978E-J4	-1.0723J82E-03
71936		5.81J077E-J2	-7.4239738E-02	-7.459724E-J2	-2.5973J2E-03	-7.1125978E-04	-1.779928E-03
72211		5.1444778E-02	-1.1815238E-02	-6.4J0493E-J2	0.0	0.0	0.0
72215		5.1336678E-02	-1.8179660E-02	-6.4J0257E-J2	-1.2J442IE-03	-1.5489196E-0.	-3.3622J0E-04
72217		5.24449JE-02	-2.6608718E-02	-6.3807J7E-J2	-1.2653261E-03	-4.1711J8E-04	-1.3419J3E-03
72219		5.2695J6E-02	-3.4J9284E-02	-6.3886J7E-J2	0.0	0.0	0.0
72221	G	5.1174J8E-02	-2.9016146E-02	-6.4858J8E-J2	-5.4J6725E-03	3.338164E-03	-6.243701E-04
72224	G	5.147890E-02	-3.8258J1E-02	-6.4791J1E-J2	-3.4J27J5E-03	-1.J36693E-03	7.094026E-04
72226		5.219487E-02	-4.980116E-02	-6.459J2JE-J2	-4.1525J9E-03	1.2J2160E-03	-2.2899J8E-04
72229		5.2J0471E-02	-5.012994E-02	-6.461728E-J2	-4.0438J3E-03	-2.094709E-03	-4.153010E-04
72231	G	5.2531J7E-02	-6.658310E-02	-6.313J58E-02	-4.3759J3E-03	-1.3639J6E-03	-1.006186E-03
72239		5.2933J9E-02	-7.4280J4E-02	-6.315565E-J2	-4.337881E-03	-4.441624E-04	-1.607222E-03
72811		4.5J5J25E-02	-1.9177J5E-02	-4.8203J7E-J2	0.0	0.0	0.0
72814		4.6878J8E-J2	-3.3379J7E-02	-4.7583J2E-J2	0.0	0.0	0.0
72821		4.5825J7E-02	-2.8912J3E-02	-4.5124J3E-J2	0.0	0.0	0.0
72829		4.7725J4E-02	-5.6078J1E-02	-4.5267J5E-J2	0.0	0.0	0.0
72834		4.7168J0E-02	-6.4472J1E-02	-4.2719J3E-J2	0.0	0.0	0.0
72839		4.75J798E-J2	-7.2201J5E-02	-4.2722J7E-02	0.0	0.0	0.0
73411	G	3.7603J4E-02	-1.2793J8E-J2	-3.1464J3E-J2	0.0	0.0	0.0
73419	G	4.1794J7E-J2	-1.6735J3E-02	-3.1424J9E-J2	0.0	0.0	0.0
73427	G	3.9017J4E-02	-2.0563J2E-02	-2.6162J5E-J2	0.0	0.0	0.0
73429	G	4.2630J5E-02	-5.5J6448E-02	-2.6104J2E-J2	0.0	0.0	0.0
73431		4.1837J6E-02	-6.1991J8E-02	-2.0611J5E-J2	0.0	0.0	0.0
73439	G	4.2592J2E-02	-7.3J9J82E-02	-2.0595J1E-J2	0.0	0.0	0.0
74211		2.9172J0E-02	-1.2268J9E-02	-1.8J4J3JE-J3	0.0	0.0	0.0
74219	G	3.5547J6E-02	-3.9255J2E-02	-1.9787J3E-J3	0.0	0.0	0.0
74221		3.1275J7E-02	-2.7320J9E-02	6.0240J2E-03	0.0	0.0	0.0
74229		3.6911J7E-02	-5.5716J2E-02	6.0484J4E-03	-3.9657J6E-03	-8.4228J6E-04	-1.6324J2E-03
74231		3.3582J1E-02	-5.7778J3E-02	1.5944J4E-02	0.0	0.0	0.0
74239		3.6917J9E-02	-6.0879J3E-02	1.5J7J8JE-02	0.0	0.0	0.0
75011		2.3502J3E-02	-1.1699J9E-02	3.4035J4E-02	0.0	0.0	0.0
75014		3.1249J0E-02	-3.9181J7E-02	3.3955J0E-02	0.0	0.0	0.0
75021		2.6J9817E-02	-2.5351J0E-02	4.4516J3E-02	0.0	0.0	0.0
75029		3.3440J5E-02	-5.5J1681E-02	4.4321J2E-02	0.0	0.0	0.0
75031	G	3.1461J5E-02	-5.J97695E-02	5.6611J7E-02	0.0	0.0	0.0
75039	G	3.3431J2E-02	-6.5140J3E-02	5.6643J0E-02	0.0	0.0	0.0
75911		1.9378J7E-02	-1.1810J9E-02	7.5495J0E-02	0.0	0.0	0.0
75919		2.7839J2E-02	-3.0[illegible]9E-02	7.5965J6E-02	0.0	0.0	0.0
75921	G	2.3491J6E-02	-2.5053J9E-02	9.0768J2E-02	0.0	0.0	0.0
75929	G	3.1810J1E-02	-5.4759J9E-02	9.1305J9E-02	-5.4005J9E-03	-1.7552J0E-03	-2.1025J3E-03
75931	G	2.9413J0E-02	-4.8063J3E-02	1.0J54J9E-01	0.0	0.0	0.0
75939		3.1746J0E-02	-5.8570J0E-02	1.0459J3E-01	0.0	0.0	0.0
122403	G	-2.152801E-01	-2.0551J5E-01	-3.4650J7E-02	2.2135J9E-03	-3.234361E-03	7.4722J1E-03
123467		9.5874J7E-03	4.0701J4E-02	-1.7354J4E-02	0.0	0.0	0.0
123487	G	-1.3062J4E-01	-1.2161J9E-01	-2.3414J1E-02	0.0	0.0	0.0
124803	G	-2.152801E-01	-2.0693J8E-02	4.2652J3E-02	2.2135J9E-03	-3.234361E-03	7.4722J1E-03
125063	G	-9.4620J2E-02	1.0497J5E-01	8.6121J5E-02	0.0	0.0	0.0
125065	G	-3.5040J8E-02	1.J45426E-01	4.9131J3E-02	[illegible]	0.0	0.0
125067	G	9.9J0026E-03	1.0394J7E-01	1.2293J3E-02	[illegible]	0.0	0.0
125383	G	-2.849476E-01	2.5177J1E-02	8.5544J4E-03		0.0	0.0
125387	G	-1.096336E-01	2.5177J1E-02	3.3909J1E-02		0.0	0.0
126863	G	-8.237326E-02	1.9767J0E-01	1.4276J4E-01		0.0	0.0
126867	G	-7.8868J4E-03	1.9669J5E-01	8.5960J[illegible]		0.0	0.0
27230	G	-2.152801E-01	1.5983J9E-01	1.228o26E[illegible]	[illegible]03	-3.234361E-03	7.4722J1E-03
189073	G	2.0e0331E-02	-6.7159951E-02	-2.1756J6E[illegible]	[illegible]-03	-5.1059J7E-03	-8.046106E-04
189077	G	6.892013E-04	-6.7159956E-02	-6.3772J2E[illegible]	[illegible]-03	-5.1059J7E-03	-8.046106E-04
200070	G	4.9298J4E-02	-1.2229J2E-01	-8.9304J9E-02	-6.2[illegible]E-03	-5.1059J7E-03	-8.046106E-04
200078	G	1.0646J6E-02	-7.5255J8E-02	-8.9304J9E-02	-6.2139J2E-03	-5.1059J7E-03	-8.046106E-04
200079	G	5.0595J8E-03	-6.6046J8E-02	-8.9515J3E-02	-6.[illegible]E-03	-5.1456J5E-03	-8.046106E-04
200086	G	-4.J41J0E-02	-1.5743J4E-02	-9.0028J5E-02	-6.8[illegible]E-03	-5.8287J1E-03	-8.046106E-04
200087	G	-3.457J9JE-02	-2.J489J2E-02	-9.0028J5E-02	-6.2[illegible]E-03	-5.2969J9E-03	-8.046106E-04
200095	G	-8.729J4JE-02	3.9901J2E-02	-9.0652J9E-02	[illegible]7991E-03	-4.9235J1E-03	-8.046106E-04
200096	G	-8.1420J4E-02	5.4111J2E-02	-9.0652J9E-02	-6.3057J0E-03	-5.3972J8E-03	-8.046106E-04
200101	G	-1.1711J3E-01	6.9899J2E-02	-9.1056J6E-02	-4.7326J3E-03	-3.9229J1E-03	-8.046106E-04

200106	G	-1.302820E-01	9.181547E-02	-9.181547E-02	-3.449300E-03	-2.810038E-03	-8.046106E-04
200114	G	-1.441822E-01	1.105824E-01	-9.295542E-02	-1.251491E-03	-6.280029E-04	-8.046106E-04
200121	G	-1.413574E-01	1.124830E-01	-9.395432E-02	7.501349E-04	1.463430E-03	-8.046106E-04
200129	G	-1.204892E-01	9.790641E-02	-9.509446E-02	2.300175E-03	3.655022E-03	-8.046106E-04
200137	G	-8.443448E-02	6.916708E-02	-9.509440E-02	4.291557E-03	5.255081E-03	-8.046106E-04
200145	G	-3.807940E-02	3.080677E-02	-9.509440E-02	5.195575E-03	6.228339E-03	-8.046106E-04
200153	G	1.186[illegible]5E-02	-1.101145E-02	-9.509440E-02	5.485419E-03	6.539814E-03	-8.046106E-04
200155	G	2.631688E-02	-2.131418E-02	-9.509440E-02	5.485419E-03	6.539814E-03	-8.046106E-04
211001	G	-3.554253E-01	2.570689E-01	5.147991E-02	2.321403E-03	3.885569E-04	-6.720886E-03
211002	G	4.129109E-01	9.493923E-02	2.802133E-03	-7.601742E-03	-9.873002E-04	-5.310908E-03
211073	G	2.060331E-02	-8.468437E-02	-1.063602E-01	-6.213978E-03	-5.105987E-03	-8.046106E-04
211077	G	6.892013E-04	-8.468437E-02	9.743531E-02	-6.213978E-03	-5.105987E-03	-8.046106E-04
214075	G	1.064626E-02	-8.692122E-02	-1.526755E-02	-6.213978E-03	-5.105987E-03	-8.046106E-04
214901	G	-3.554253E-01	-7.935505E-03	5.615912E-02	-2.321403E-03	3.885569E-04	-6.720886E-03
214902	G	4.129109E-01	-1.144698E-01	4.173137E-02	-7.601742E-03	-9.873002E-04	-5.310908E-03
215101	G	-1.367073E-01	-2.866532E-02	2.144140E-02	9.623335E-04	7.776912E-03	-9.414885E-03
215102	G	1.526159E-01	-3.894418E-02	1.174710E-01	-2.398716E-03	-1.119636E-02	-1.024637E-02
215201	G	-6.924592E-03	-3.963275E-02	4.122348E-02	2.758939E-03	3.200710E-03	-2.552736E-03
215202	G	-6.858103E-03	-4.121556E-02	1.316442E-01	1.720922E-03	-6.925747E-03	-3.243998E-03
222001	G	-3.528661E-01	-2.466805E-01	2.949454E-01	-1.884295E-02	5.753782E-03	-6.391928E-03
222002	G	4.105834E-01	-2.045338E-01	-2.982931E-01	-1.749536E-02	-5.376548E-03	-5.347531E-03
222201	G	-5.560506E-02	6.472844E-02	7.492759E-02	-1.251675E-02	1.220090E-02	-7.150363E-03
222202	G	1.019912E-01	7.164258E-02	-9.768309E-02	-1.070380E-02	-1.348855E-02	-7.779900E-03
222301	G	5.772932E-02	9.962308E-02	-4.616067E-02	-1.589599E-03	5.976252E-03	3.124063E-04
222302	G	-2.801154E-02	9.914094E-02	2.715129E-03	-7.183235E-04	-7.453922E-03	-1.403485E-04
223401	G	-3.528661E-01	-3.398111E-01	2.112278E-01	-1.889295E-02	5.753782E-03	-6.391928E-03
223402	G	4.105834E-01	-2.823404E-01	-2.200643E-01	-1.749536E-02	-5.376548E-03	-5.347531E-03
520018	G	-2.241535E-01	2.170769E-01	-1.127903E-01	-4.713204E-03	-3.826543E-03	3.726819E-02
520024	G	-2.472616E-01	2.170769E-01	-1.157126E-01	-4.713643E-03	-3.826543E-03	3.727759E-02
520057	G	-3.741683E-01	2.170881E-01	-1.323712E-01	-6.032594E-03	-3.826543E-03	4.261662E-02
520065	G	-4.079235E-01	2.170907E-01	-1.372920E-01	-6.953467E-03	-3.826543E-03	4.636036E-02
520068	G	-4.254330E-01	2.170919E-01	-1.399375E-01	-7.435041E-03	-3.826543E-03	4.831769E-02
520079	G	-4.806151E-01	2.171170E-01	-1.487200E-01	-8.765765E-03	-3.826543E-03	5.372977E-02
520135	G	-8.615787E-01	2.172956E-01	-2.180744E-01	-1.476911E-02	-3.826543E-03	7.822961E-02
520139	G	-8.978064E-01	2.173123E-01	-2.241698E-01	-1.493915E-02	-3.826543E-03	7.893479E-02
520152	G	-1.000000E 00	2.173651E-01	-2.439264E-01	-1.515590E-02	-3.826543E-03	7.983822E-02
520185	G	-1.263306E 00	2.173651E-01	-2.939104E-01	-1.515590E-02	-3.826543E-03	7.983822E-02

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 4.612669E 04

REAL EIGENVECTOR NO. 28

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	1.263894E-01	2.722270E-02	-3.616391E-02	0.0	0.0	0.0
3339	G	1.233173E-01	2.720048E-02	-1.941045E-02	0.0	0.0	0.0
3341	G	1.136022E-01	6.053088E-02	-4.542529E-02	0.0	0.0	0.0
3349	G	1.291445E-01	6.366d10E-02	-1.011147E-02	0.0	0.0	0.0
4631	G	1.273604E-01	2.347404E-02	-4.336015E-02	0.0	0.0	0.0
4633	G	1.290936E-01	1.627643E-02	-3.876716E-02	0.0	0.0	0.0
4637	G	1.236261E-01	1.625621E-02	-4.198711E-03	0.0	0.0	0.0
4639	G	1.213496E-01	2.363867E-02	4.197582E-04	0.0	0.0	0.0
4641	G	1.220289E-01	3.833569E-02	-4.509074E-02	0.0	0.0	0.0
4649	G	1.184635E-01	3.831228E-02	2.199879E-03	0.0	0.0	0.0
4661	G	1.146301E-01	5.341072E-02	-3.998043E-02	0.0	0.0	0.0
4669	G	1.194980E-01	5.376234E-02	-2.759444E-03	0.0	0.0	0.0
6123	G	1.240119E-01	2.612078E-03	-2.535373E-02	0.0	0.0	0.0
6127	G	1.237176E-01	2.615580E-03	-1.143943E-03	0.0	0.0	0.0
6131	G	1.302492E-01	9.574469E-03	-3.127234E-02	0.0	0.0	0.0
6135	G	1.288221E-01	9.567524E-03	-2.517781E-02	0.0	0.0	0.0
6137	G	1.226352E-01	9.660657E-03	-1.336496E-03	0.0	0.0	0.0
6139	G	1.211684E-01	9.681825E-03	5.132627E-03	0.0	0.0	0.0
6141	G	1.252140E-01	2.225918E-02	-3.296743E-02	0.0	0.0	0.0
6143	G	1.206214E-01	2.227905E-02	-2.460557E-02	0.0	0.0	0.0
6147	G	1.210337E-01	2.444317E-02	-1.862300E-03	0.0	0.0	0.0
6149	G	1.179317E-01	2.443113E-02	5.971475E-03	0.0	0.0	0.0
6161	G	1.203528E-01	3.294082E-02	-3.456564E-02	0.0	0.0	0.0
6163	G	1.149176E-01	3.292087E-02	-2.412e37E-02	0.0	0.0	0.0
6167	G	1.197963E-01	3.616330E-02	-2.159531E-03	0.0	0.0	0.0
6169	G	1.155941E-01	3.611024E-02	5.325385E-03	0.0	0.0	0.0
6171	G	1.075603E-01	6.333467E-02	-2.870301E-02	0.0	0.0	0.0
6179	G	1.197511E-01	6.357366E-02	-3.084485E-03	0.0	0.0	0.0
7031	G	1.296801E-01	6.412096E-03	0.0	0.0	0.0	0.0
7033	G	1.280183E-01	6.474786E-03	-1.362901E-02	0.0	0.0	0.0
7037	G	1.227557E-01	6.474786E-03	-8.427026E-04	0.0	0.0	0.0
7039	G	1.210564E-01	6.541237E-03	0.0	0.0	0.0	0.0
7043	G	1.201501E-01	0.0	-1.379399E-02	0.0	0.0	0.0
7047	G	1.209723E-01	0.0	2.121794E-04	0.0	0.0	0.0
7061	G	1.208721E-01	2.032742E-02	-2.866894E-02	0.0	0.0	0.0
7063	G	1.149390E-01	2.032742E-02	-1.386044E-02	0.0	0.0	0.0
7067	G	1.184866E-01	2.920739E-02	5.665992E-04	0.0	0.0	0.0
7069	G	1.133239E-01	2.914640E-02	1.711596E-02	0.0	0.0	0.0
7071	G	1.128791E-01	0.0	-5.145241E-02	0.0	0.0	0.0
7079	G	1.113949E-01	0.0	-1.928101E-03	0.0	0.0	0.0
7505	G	1.395801E-01	-4.353540E-03	-2.779701E-03	-6.393155E-04	-9.461057E-04	-2.629813E-04
8300	G	1.265615E-01	1.595857E-02	-1.236592E-03	0.0	0.0	0.0
8531	G	1.282883E-01	2.571664E-03	0.0	0.0	0.0	0.0
8533	G	1.280183E-01	2.669445E-03	6.113567E-05	0.0	0.0	0.0
8537	G	1.227587E-01	2.669445E-03	1.284745E-02	0.0	0.0	0.0
8539	G	1.197123E-01	2.542590E-03	0.0	0.0	0.0	0.0
8543	G	1.194121E-01	0.0	-6.496145E-04	0.0	0.0	0.0
8547	G	1.198891E-01	0.0	1.131322E-02	0.0	0.0	0.0
8561	G	1.200970E-01	3.691434E-03	-9.913977E-03	0.0	0.0	0.0
8563	G	1.191776E-01	3.774127E-03	-7.982713E-04	0.0	0.0	0.0
8567	G	1.192718E-01	1.158d40E-02	1.044328E-02	0.0	0.0	0.0
8569	G	1.094875E-01	1.158841E-02	1.485231E-02	0.0	0.0	0.0
8571	G	1.107756E-01	0.0	-3.121569E-02	0.0	0.0	0.0
8579	G	1.112992E-01	0.0	-5.245742E-03	0.0	0.0	0.0
9303	G	1.329607E-01	1.e219168-03	9.227354E-03	0.0	0.0	0.0
9307	G	1.391591E-01	1.e44546E-03	1.131901E-02	0.0	0.0	0.0

9313	G	1.673133E-01	1.026656E-03	9.235332E-03	0.0	0.0	0.0
9317	G	1.707803E-01	2.135146E-03	1.402235E-02	0.0	0.0	0.0
9331	G	1.270444E-01	1.590462E-03	4.812434E-03	0.0	0.0	0.0
9333	G	1.260813E-01	1.490969E-03	1.253568E-03	0.0	0.0	0.0
9337	G	1.211472E-01	1.955650E-04	6.277467E-03	0.0	0.0	0.0
9339	G	1.183540E-01	-1.027442E-04	5.657051E-03	0.0	0.0	0.0
9341	G	0.0	-5.315773E-03	3.731967E-02	0.0	0.0	0.0
9343	G	1.160167E-01	-5.779147E-03	3.282501E-03	0.0	0.0	0.0
9347	G	1.183673E-01	-6.315802E-03	6.544153E-03	0.0	0.0	0.0
9349	G	0.0	-6.208248E-03	3.558470E-02	0.0	0.0	0.0
9361	G	1.175913E-01	-7.137164E-03	5.768087E-03	0.0	0.0	0.0
9363	G	1.145950E-01	-7.055249E-03	4.457343E-03	0.0	0.0	0.0
9367	G	1.190886E-01	-6.516170E-03	6.151579E-03	0.0	0.0	0.0
9369	G	1.072206E-01	-6.471135E-03	7.653344E-03	0.0	0.0	0.0
9371	G	1.103784E-01	-7.601760E-03	7.489206E-03	0.0	0.0	0.0
9373	G	0.0	-7.405236E-03	3.411476E-02	0.0	0.0	0.0
9377	G	0.0	-7.338765E-03	3.663362E-02	0.0	0.0	0.0
9379	G	1.118155E-01	-7.200290E-03	6.324764E-03	0.0	0.0	0.0
11300	G	1.582670E-01	-1.100259E-03	4.925469E-02	0.0	0.0	0.0
11503	G	1.517932E-01	7.794175E-03	0.0	0.0	0.0	0.0
11507	G	1.558278E-01	7.794175E-03	0.0	0.0	0.0	0.0
11531	G	1.217518E-01	-3.059077E-03	0.0	0.0	0.0	0.0
11533	G	1.194165E-01	-3.152318E-03	1.247391E-03	0.0	0.0	0.0
11537	G	1.145882E-01	-3.799515E-03	-7.033609E-03	0.0	0.0	0.0
11539	G	1.154041E-01	-3.852712E-03	0.0	0.0	0.0	0.0
11543	G	1.144935E-01	-9.926405E-03	1.111342E-03	0.0	0.0	0.0
11547	G	1.149437E-01	-9.926405E-03	-7.058937E-03	0.0	0.0	0.0
11561	G	1.096406E-01	-2.169478E-02	1.553000E-02	0.0	0.0	0.0
11563	G	1.105415E-01	-2.181967E-02	9.997d50E-04	0.0	0.0	0.0
11567	G	1.160492E-01	-2.623056E-02	-7.062510E-03	0.0	0.0	0.0
11569	G	1.073047E-01	-2.616519E-02	-1.246049E-02	0.0	0.0	0.0
11571	G	1.061704E-01	0.0	-4.834342E-03	0.0	0.0	0.0
11579	G	1.085474E-01	0.0	-3.340876E-02	0.0	0.0	0.0
11700	G	1.659114E-01	1.121414E-02	5.194579E-02	0.0	0.0	0.0
13500	G	1.059523E-01	-4.710637E-02	-2.875566E-04	0.0	0.0	0.0
13801	G	1.320791E-01	1.266155E-02	7.884126E-03	0.0	0.0	0.0
13803	G	1.369920E-01	1.387938E-02	1.391564E-03	0.0	0.0	0.0
13807	G	1.394275E-01	1.324025E-02	-1.841544E-02	0.0	0.0	0.0
13809	G	1.360230E-01	1.237673E-02	-2.422760E-02	0.0	0.0	0.0
13821	G	1.228419E-01	4.217263E-03	1.018869E-02	0.0	0.0	0.0
13823	G	1.244273E-01	4.388418E-03	1.873570E-03	0.0	0.0	0.0
13827	G	1.260499E-01	4.391123E-03	-1.814736E-02	0.0	0.0	0.0
13829	G	1.275903E-01	4.485700E-03	-2.600327E-02	0.0	0.0	0.0
13831	G	1.181151E-01	-6.102234E-03	1.168894E-02	0.0	0.0	0.0
13833	G	1.155189E-01	-6.030444E-03	2.815402E-03	0.0	0.0	0.0
13837	G	1.142064E-01	-6.079100E-03	-1.726658E-02	0.0	0.0	0.0
13839	G	1.142063E-01	-6.077711E-03	-2.585658E-02	0.0	0.0	0.0
13841	G	0.0	-1.444626E-02	1.460698E-02	0.0	0.0	0.0
13843	G	1.084792E-01	-1.448519E-02	3.110376E-03	0.0	0.0	0.0
13847	G	1.085184E-01	-1.461999E-02	-1.710390E-02	0.0	0.0	0.0
13848	G	1.082217E-01	-1.952785E-02	-1.879233E-02	0.0	0.0	0.0
13849	G	0.0	-1.924363E-02	-6.353247E-02	0.0	0.0	0.0
13861	G	9.576046E-02	-2.584359E-02	1.576968E-02	0.0	0.0	0.0
13863	G	9.935766E-02	-2.580674E-02	3.221431E-03	0.0	0.0	0.0
13867	G	1.058583E-01	-2.898102E-02	-1.933184E-02	0.0	0.0	0.0
13869	G	1.069411E-01	-2.887759E-02	-2.414416E-02	0.0	0.0	0.0
13871	G	9.521949E-02	0.0	1.699725E-02	0.0	0.0	0.0
13879	G	9.438765E-02	0.0	-6.084761E-02	0.0	0.0	0.0
14801	G	1.320791E-01	1.245856E-02	1.777423E-02	0.0	0.0	0.0
14803	G	1.317666E-01	1.340300E-02	1.149678E-02	0.0	0.0	0.0
14807	G	1.341125E-01	1.527227E-02	-8.298438E-03	0.0	0.0	0.0
14809	G	1.360230E-01	1.424811E-02	-1.429968E-02	0.0	0.0	0.0
14821	G	1.223939E-01	4.163641E-03	1.966361E-02	0.0	0.0	0.0
14823	G	1.242943E-01	4.115045E-03	1.149678E-02	0.0	0.0	0.0
14827	G	1.261129E-01	4.220941E-03	-8.298438E-03	0.0	0.0	0.0
14829	G	1.273220E-01	4.061152E-03	-1.639897E-02	0.0	0.0	0.0

14831	G	1.175919E-01	-6.867748E-03	1.948351E-02	0.0	0.0	0.0
14833	G	1.149719E-01	-6.803226E-03	1.192132E-02	0.0	0.0	0.0
14837	G	1.143124E-01	-5.968794E-03	-3.930359E-03	0.0	0.0	0.0
14839	G	1.143036E-01	-5.958859E-03	-1.705098E-02	0.0	0.0	0.0
14841	G	0.0	-1.637249E-02	1.911493E-02	0.0	0.0	0.0
14843	G	1.066135E-01	-1.618369E-02	1.092403E-02	0.0	0.0	0.0
14847	G	1.073875E-01	-1.521537E-02	-9.260181E-03	0.0	0.0	0.0
14849	G	0.0	-1.505934E-02	-1.702496E-02	0.0	0.0	0.0
14861	G	8.926329E-02	-2.383556E-02	1.871736E-02	0.0	0.0	0.0
14863	G	9.336010E-02	-2.480176E-02	1.115737E-02	0.0	0.0	0.0
14867	G	9.548474E-02	-2.198330E-02	-8.817744E-03	0.0	0.0	0.0
14869	G	1.029404E-01	-2.266238E-02	-1.714660E-02	0.0	0.0	0.0
14881	G	8.997053E-02	-3.315763E-02	1.840400E-02	0.0	0.0	0.0
14883	G	9.456489E-02	-3.310983E-02	1.084964E-02	0.0	0.0	0.0
14887	G	1.058708E-01	-3.570341E-02	-1.116624E-02	0.0	0.0	0.0
14889	G	1.027224E-01	-3.563030E-02	-1.664250E-02	0.0	0.0	0.0
15212	G	1.279680E-01	1.139155E-02	1.841133E-02	1.035446E-03	-8.330347E-04	2.903654E-04
15218	G	1.314762E-01	1.228834E-02	-8.307517E-03	1.009067E-03	-6.918114E-04	9.781129E-05
15601	G	1.224902E-01	1.333083E-02	2.288139E-02	0.0	0.0	0.0
15603	G	1.317666E-01	1.569979E-02	1.808608E-02	0.0	0.0	0.0
15607	G	1.341125E-01	1.604596E-02	-1.244213E-03	0.0	0.0	0.0
15609	G	1.274579E-01	1.427312E-02	-1.042260E-02	0.0	0.0	0.0
15621	G	1.221182E-01	6.583702E-03	2.392716E-02	0.0	0.0	0.0
15623	G	1.238094E-01	6.411836E-03	1.981526E-02	0.0	0.0	0.0
15625	G	1.252496E-01	6.691322E-03	8.397311E-03	0.0	0.0	0.0
15627	G	1.262763E-01	6.996627E-03	-2.929154E-03	0.0	0.0	0.0
15629	G	1.272596E-01	6.815400E-03	-1.200355E-02	0.0	0.0	0.0
15633	G	1.098826E-01	0.0	1.794101E-02	0.0	0.0	0.0
15637	G	1.130953E-01	0.0	-4.434150E-03	0.0	0.0	0.0
16481	G	8.803105E-02	-2.581076E-02	1.962743E-02	0.0	0.0	0.0
16483	G	8.851117E-02	-2.579924E-02	0.0	0.0	0.0	0.0
16485	G	9.494716E-02	-2.630756E-02	0.0	0.0	0.0	0.0
16487	G	9.800756E-02	-2.769515E-02	0.0	0.0	0.0	0.0
16489	G	1.014310E-01	-2.747871E-02	-1.426155E-02	0.0	0.0	0.0
17100	G	1.569428E-01	-9.924076E-03	-1.145555E-02	0.0	0.0	0.0
18601	G	1.119344E-01	2.125693E-02	-1.616605E-03	0.0	0.0	0.0
18603	G	1.154879E-01	2.295338E-02	-7.396523E-03	0.0	0.0	0.0
18607	G	1.227158E-01	2.238325E-02	-2.226693E-02	0.0	0.0	0.0
18609	G	1.210576E-01	2.011960E-02	-2.892353E-02	0.0	0.0	0.0
18621	G	1.149928E-01	1.528164E-02	1.276330E-04	0.0	0.0	0.0
18623	G	1.145695E-01	1.378374E-02	-7.265439E-03	0.0	0.0	0.0
18625	G	1.202843E-01	1.203613E-02	-1.538796E-02	0.0	0.0	0.0
18627	G	1.201373E-01	1.007815E-02	-2.285728E-02	0.0	0.0	0.0
18629	G	1.197766E-01	8.446477E-03	-3.132325E-02	0.0	0.0	0.0
18631	G	9.693392E-02	4.086994E-03	2.645431E-03	0.0	0.0	0.0
18633	G	0.0	3.590999E-03	-8.611340E-03	0.0	0.0	0.0
18635	G	0.0	2.668989E-03	-1.704678E-02	0.0	0.0	0.0
18637	G	0.0	1.560021E-03	-2.153330E-02	0.0	0.0	0.0
18639	G	1.032705E-01	2.150171E-03	-2.046305E-02	0.0	0.0	0.0
18641	G	3.878492E-02	-7.738656E-03	3.646710E-03	4.279725E-03	6.839111E-04	3.950874E-02
18642	G	1.168623E-01	-8.363795E-03	-1.045317E-03	1.779050E-03	7.533694E-04	3.815326E-02
18643	G	2.466071E-01	-8.904997E-03	-7.749062E-03	0.0	8.226365E-04	3.637338E-02
18644	G	4.207661E-01	-6.367009E-03	-1.362287E-02	0.0	0.0	1.660613E-02
18645	G	4.676138E-01	-4.196286E-03	-1.913141E-02	0.0	0.0	-3.590006E-04
18646	G	4.173595E-01	-2.242919E-03	-1.985103E-02	0.0	0.0	-1.693519E-02
18647	G	2.450508E-01	-4.936631E-04	-2.039621E-02	0.0	3.570711E-03	-3.531466E-02
18648	G	1.193867E-01	-1.483184E-03	-1.507252E-02	-1.387099E-03	3.254204E-03	-3.685259E-02
18649	G	4.445384E-02	-2.471610E-03	-1.074355E-02	-4.483890E-03	2.936823E-03	-3.765973E-02
18651	G	4.057236E-02	-1.645844E-02	4.291799E-03	4.447315E-03	1.058720E-03	4.023192E-02
18652	G	1.191514E-01	-1.565035E-02	-3.868351E-04	1.604531E-03	8.237234E-04	3.849060E-02
18653	G	1.259866E-01	5.709134E-03	-1.427068E-02	-1.178340E-03	2.396505E-03	-3.686823E-02
18654	G	5.092586E-02	6.331065E-03	-1.036227E-02	-4.710868E-03	2.979707E-03	-3.824700E-02
18656	G	4.786942E-02	-2.867825E-02	3.930133E-03	4.814447E-03	1.662320E-03	3.920529E-02
18657	G	1.136345E-01	-2.836605E-02	-4.329255E-04	7.675157E-04	-2.204078E-03	3.249430E-02
18658	G	1.286525E-01	2.355590E-02	-1.435368E-02	-2.419163E-04	-5.405631E-04	-3.123579E-02
18659	G	8.523019E-02	2.127517E-02	-1.040284E-02	-4.911449E-03	2.906843E-03	-3.142563E-02

18661	G	5.583418E-02	-3.352128E-02	3.265398E-03	4.717968E-03	-1.418012E-03	3.372182E-02
18662	G	1.141523E-01	-3.153145E-02	1.735354E-04	4.953869E-04	-6.203748E-03	2.945535E-02
18663	G	2.176529E-01	-2.874928E-02	-2.246626E-03	-6.490969E-04	-1.097630E-02	2.735640E-02
18664	G	3.555536E-01	-1.629845E-02	-1.152052E-02	0.0	0.0	1.452516E-02
18665	G	3.993481E-01	-4.774723E-03	-1.582039E-02	0.0	0.0	6.008169E-04
18666	G	3.624918E-01	6.982908E-03	-1.753707E-02	0.0	0.0	-1.333350E-02
18667	G	2.323548E-01	2.025676E-02	-1.379451E-02	1.893015E-03	-1.160604E-02	-2.619356E-02
18668	G	1.377560E-01	2.344233E-02	-1.359804E-02	1.997588E-04	-6.366789E-03	-2.840986E-02
18669	G	7.602262E-02	2.577 72E-02	-1.146467E-02	-4.965290E-03	-1.113069E-03	-3.316788E-02
18681	G	8.570713E-02	-2.193021E-02	3.644726E-04	0.0	0.0	0.0
18683	G	8.540303E-02	-2.047958E-02	-1.070423E-03	-6.490969E-04	-1.086984E-02	2.677266E-04
18685	G	8.882832E-02	-1.215203E-02	-6.273434E-03	0.0	0.0	0.0
18687	G	9.202927E-02	-2.402635E-03	-1.208449E-02	1.893015E-03	-1.155753E-02	2.677264E-04
18689	G	9.837294E-02	-1.191593E-03	-1.574973E-02	0.0	0.0	0.0
18983	G	8.385015E-02	-2.059075E-02	2.378737E-02	0.0	-3.517686E-03	-5.325567E-05
18987	G	9.307847E-02	-2.842570E-03	1.410755E-02	0.0	-3.448366E-03	-4.427934E-04
19741	G	1.697001E-02	5.707431E-03	-6.299424E-02	4.891476E-03	3.264158E-03	1.696605E-02
19742	G	1.406701E-01	4.493430E-03	-9.667189E-02	4.182890E-03	-3.505547E-03	1.535604E-02
19743	G	1.704469E-01	2.551125E-03	-1.071766E-01	0.0	-5.207054E-03	1.209663E-02
19745	G	2.196554E-01	-6.944284E-03	-1.281183E-01	0.0	0.0	3.475107E-04
19747	G	1.762329E-01	-1.695846E-02	-1.170135E-01	0.0	-4.596028E-03	-1.129503E-02
19748	G	1.482645E-01	-1.923141E-02	-1.097730E-01	-2.663905E-03	-2.734165E-03	-1.448836E-02
19749	G	3.166335E-02	-2.211922E-02	-8.533500E-02	-4.267007E-03	3.951874E-03	-1.603514E-02
19751	G	3.668099E-02	-1.390351E-02	-6.350607E-02	4.674137E-03	2.660031E-03	1.067570E-02
19752	G	1.131636E-01	-1.233609E-02	-9.641045E-02	3.759506E-03	-4.217923E-03	9.677742E-03
19758	G	1.259813E-01	-6.457392E-03	-1.093303E-01	-2.204434E-03	-3.674940E-03	-8.622937E-03
19759	G	5.674535E-02	-3.140972E-03	-8.586591E-02	-4.371665E-03	3.577529E-03	-9.939738E-03
19761	G	4.307123E-02	-2.231790E-02	-6.350881E-02	4.013166E-03	2.538574E-03	7.830366E-03
19762	G	1.022374E-01	-1.995847E-02	-9.629764E-02	4.395887E-03	-4.505422E-03	7.584784E-03
19763	G	1.171632E-01	-1.864242E-02	-1.059747E-01	0.0	-5.279299E-03	6.164718E-03
19765	G	1.447564E-01	-1.127115E-02	-1.327832E-01	0.0	0.0	7.617138E-04
19767	G	1.285806E-01	-3.476452E-03	-1.159767E-01	0.0	-4.746206F-03	-4.887473E-03
19768	G	1.167651E-01	-1.883524E-03	-1.091949E-01	-3.182427E-03	-4.032671E-03	-6.460659E-03
19769	G	6.553638E-02	1.077521F-03	-8.591491E-02	-2.577440E-03	3.536906E-03	-6.736659E-03
21183	G	7.970917E-02	-3.860762E-02	-6.229657E-02	0.0	5.289041E-03	-1.460820E-03
21187	G	8.507651E-02	-3.770839E-02	-9.669181E-02	0.0	5.367558E-03	-2.381113E-03
21321	G	9.179169E-02	3.262107E-02	-4.670525E-02	0.0	0.0	0.0
21323	G	1.030508E-01	3.189554E-02	-5.797239E-02	0.0	0.0	0.0
21325	G	1.117147E-01	3.018373E-02	-7.291776E-02	0.0	0.0	0.0
21327	G	1.179866E-01	2.861995E-02	-8.698388E-02	0.0	0.0	0.0
21329	G	1.241989E-01	2.346073E-02	-9.756640E-02	0.0	0.0	0.0
21341	G	3.342684E-02	2.556118E-02	-5.612348E-02	6.855186E-04	-4.571720E-04	3.166580E-02
21343	G	2.027434E-01	1.659166E-02	-7.004654E-02	0.0	-5.170244E-04	2.888500E-02
21345	G	3.899795E-01	-1.366397E-02	-9.217239E-02	0.0	-1.594528E-03	1.792969E-03
21347	G	2.331016E-01	-4.476469E-02	-1.032701E-01	0.0	-2.672031E-03	-2.846733E-02
21349	G	6.382275E-02	-5.429806E-02	-1.031324E-01	1.363983E-03	-2.731883E-03	-3.215220E-02
21361	G	3.027246E-02	-2.072084E-02	-5.550515E-02	0.0	0.0	0.0
21363	G	3.126487E-02	-2.185260E-02	-7.279742E-02	1.900108E-03	3.790564E-03	0.0
21364	G	3.192716E-02	-2.424900E-02	-8.609778E-02	0.0	0.0	0.0
21366	G	4.076325E-02	-2.945041E-02	-1.015282E-01	0.0	0.0	0.0
21367	G	4.967171F-02	-3.186105E-02	-1.063386E-01	6.324640E-04	2.683962E-03	0.0
21369	G	5.789119E-02	-3.313721E-02	-1.036174E-01	0.0	0.0	0.0
21383	G	7.976019E-02	-4.193641E-02	-7.271731E-02	9.930539E-04	3.992930E-03	-1.526448E-03
21387	G	8.518326E-02	-4.305639E-02	-1.061358E-01	1.406991E-03	3.107390E-03	-2.423767E-03
21485	G	0.0	-4.476699E-02	-8.260876E-02	1.510495E-03	0.0	0.0
21801	G	1.103148E-01	4.669388E-02	-3.649638E-02	0.0	0.0	0.0
21803	G	1.195776E-01	4.940718E-02	-4.294537E-02	0.0	0.0	0.0
21807	G	1.301414E-01	4.876858E-02	-6.788069E-02	0.0	0.0	0.0
21809	G	1.335828E-01	4.655162E-02	-7.613301E-02	0.0	0.0	0.0
21821	G	9.264153E-02	3.882407E-02	-3.549023E-02	0.0	0.0	0.0
21823	G	1.017601E-01	3.776382E-02	-4.133545E-02	0.0	0.0	0.0
21825	G	1.119446E-01	3.667611E-02	-5.586244E-02	0.0	0.0	0.0
21827	G	1.172511E-01	3.565275E-02	-6.932062E-02	0.0	0.0	0.0
21829	G	1.233752E-01	3.454141E-02	-8.321953E-02	0.0	0.0	0.0
22312	G	1.072707E-01	4.903137E-02	-2.805990E-02	0.0	0.0	0.0
22318	G	1.298106E-01	4.891458E-02	-6.653273E-02	0.0	0.0	0.0

22701	G	1.122001E-01	4.837211E-02	-1.867193E-02	0.0	0.0	0.0	0.0	0.0
22703	G	1.218782E-01	8.127715E-02	-2.851405E-02	0.0	0.0	0.0	0.0	0.0
22707	G	1.313665E-01	5.966852E-02	-8.992965E-02	0.0	0.0	0.0	0.0	0.0
22719	G	1.340457E-01	3.613467E-02	-5.722134E-02	0.0	0.0	0.0	0.0	0.0
22721	G	9.388116E-02	4.577589E-02	-1.228881E-02	0.0	0.0	0.0	0.0	0.0
22723	G	1.011311E-01	7.069965E-02	-2.446893E-02	0.0	0.0	0.0	0.0	0.0
22725	G	1.115536E-01	4.732186E-02	-4.014131E-02	0.0	0.0	0.0	0.0	0.0
22727	G	1.170629E-01	4.736411E-02	-5.347083E-02	0.0	0.0	0.0	0.0	0.0
22729	G	1.224467E-01	4.307468E-02	-5.887733E-02	0.0	0.0	0.0	0.0	0.0
23150	G	8.901593E-02	3.640819E-02	-4.321529E-02	0.0	0.0	0.0	0.0	0.0
25001	G	1.188435E-01	9.124916E-02	1.742916E-02	0.0	0.0	0.0	0.0	0.0
25003	G	1.254774E-01	8.442181E-02	3.039772E-02	0.0	0.0	0.0	0.0	0.0
25007	G	1.460495E-01	8.340830E-02	5.526333E-03	0.0	0.0	0.0	0.0	0.0
25039	G	1.349235E-01	7.955682E-02	-5.610514E-03	0.0	0.0	0.0	0.0	0.0
25021	G	1.035607E-01	7.201846E-02	4.334011E-02	0.0	0.0	0.0	0.0	0.0
25025	G	1.088502E-01	8.819991E-02	1.381981E-02	0.0	0.0	0.0	0.0	0.0
25029	G	1.218002E-01	8.476185E-02	-1.337483E-02	0.0	0.0	0.0	0.0	0.0
25041	G	5.242354E-02	3.666476E-02	4.602579E-02	0.0	0.0	0.0	0.0	0.0
25045	G	0.0	3.295070E-02	9.335775E-03	0.0	0.0	0.0	0.0	0.0
25049	G	7.609832E-02	3.385139E-02	-1.467394E-02	0.0	0.0	0.0	0.0	0.0
25061	G	2.138007E-02	8.698482E-03	4.517762E-02	0.0	0.0	0.0	0.0	0.0
25065	G	3.214198E-02	3.561762E-03	4.524574E-03	0.0	0.0	0.0	0.0	0.0
25069	G	4.624032E-02	7.478177E-03	-1.589040E-02	0.0	0.0	0.0	0.0	0.0
26801	G	1.229687E-01	9.588975E-02	9.118006E-02	0.0	0.0	0.0	0.0	0.0
26809	G	1.305006E-01	9.716547E-02	6.676143E-02	0.0	0.0	0.0	0.0	0.0
26821	G	1.302063E-01	8.098811E-02	1.038461E-01	0.0	0.0	0.0	0.0	0.0
26825	G	1.034511E-01	8.175582E-02	7.836332E-02	0.0	0.0	0.0	0.0	0.0
26829	G	1.163695E-01	8.194339E-02	4.811399E-02	0.0	0.0	0.0	0.0	0.0
26841	G	6.052944E-02	4.837398E-02	1.055081E-01	0.0	0.0	0.0	0.0	0.0
26845	G	0.0	4.962540E-02	8.222687E-02	0.0	0.0	0.0	0.0	0.0
26869	G	7.694679E-02	5.399622E-02	4.931287E-02	0.0	0.0	0.0	0.0	0.0
26881	G	2.659121E-02	2.510421E-02	1.066378E-01	0.0	0.0	0.0	0.0	0.0
26885	G	3.445749E-02	2.491091E-02	8.760887E-02	0.0	0.0	0.0	0.0	0.0
26889	G	4.326158E-02	2.652374E-02	5.156933E-02	0.0	0.0	0.0	0.0	0.0
29905	G	1.087471E-01	1.360167E-01	1.518300E-01	0.0	0.0	0.0	0.0	0.0
29921	G	9.218371E-02	9.738708E-02	1.753871E-01	0.0	0.0	0.0	0.0	0.0
29923	G	1.309694E-01	9.725136E-02	1.514792E-01	0.0	0.0	0.0	0.0	0.0
29941	G	4.382339E-02	9.718708E-02	1.268471E-01	0.0	0.0	0.0	0.0	0.0
29945	G	6.649304E-02	6.349904E-02	1.732498E-01	0.0	0.0	0.0	0.0	0.0
29949	G	0.0	6.997091E-02	1.448727E-01	0.0	0.0	0.0	0.0	0.0
29961	G	7.697624E-02	5.999020E-02	1.220722E-01	0.0	0.0	0.0	0.0	0.0
29965	G	4.972535E-02	4.268568E-02	1.734908E-01	0.0	0.0	0.0	0.0	0.0
29969	G	4.189437E-02	4.252727E-02	1.478169E-01	0.0	0.0	0.0	0.0	0.0
30045	G	5.004823E-02	4.226856E-02	1.234320E-01	0.0	0.0	0.0	0.0	0.0
31745	G	7.416554E-02	6.962055E-02	1.498516E-01	2.036074E-03	-1.581888E-03	4.405508E-05		
33845	G	6.969231E-02	6.388099E-02	1.699590E-01	2.165476E-03	-6.349229E-04	-3.505412E-04		
35965	G	6.926376E-02	4.958260E-02	1.723129E-01	2.359966E-03	3.872248E-04	-7.719317E-04		
38045	G	7.025254E-02	4.532132E-02	1.511916E-01	2.602842E-03	1.604035E-03	-1.210708E-03		
40141	G	7.288114E-02	7.160496E-03	1.026594E-01	2.904489E-03	2.958376E-03	-1.511705E-03		
40142	G	2.394830E-01	4.423761E-02	2.435602E-01	1.309836E-02	4.245076E-03	-8.401908E-03		
40143	G	9.867889E-02	4.423761E-02	1.450027E-01	3.290462E-03	4.245076E-03	-6.646797E-03		
40145	G	7.719672E-02	4.423761E-02	6.718141E-02	3.265445E-03	4.245076E-03	-5.710105E-03		
40147	G	5.983396E-02	4.423823E-02	2.616300E-02	3.270766E-03	4.244700E-03	-1.598992E-03		
40148	G	5.483626E-02	4.423823E-02	-1.342154E-02	4.293542E-03	4.244618E-03	-8.651153E-04		
40149	G	5.673909E-02	4.423823E-02	-7.249761E-02	6.059269E-03	4.244618E-03	-1.154531E-04		
42245	G	8.199751E-02	8.012074E-02	-1.426924E-01	7.111235E-03	4.244618E-03	3.327015E-04		
44345	G	8.710277E-02	1.037622E-01	-1.764393E-01	3.873087E-03	4.769955E-03	-7.309066E-04		
45245	G	8.905780E-02	1.142157E-01	-2.175785E-01	4.067905E-03	4.221916E-03	-2.513158E-04		
46445	G	9.149937E-02	1.158606E-01	-2.617749E-01	4.340719E-03	3.162368E-03	5.121978E-04		
48045	G	1.349123E-01	1.930506E-01	-3.099390E-01	9.595327E-03	2.649816E-03	1.001155E-02		
48845	G	1.534199E-01	1.219028E-01	-3.307768E-01	1.385708E-02	1.960574E-03	1.687457E-02		
49745	G	1.862859E-01	7.792044E-02	-3.455837E-01	1.911504E-02	1.247137E-03	2.490632E-02		
50645	G	1.736390E-01	9.018717E-03	-3.567458E-01	2.581366E-02	6.066169E-04	3.432247E-02		
51545	G	1.757066E-01	9.001571E-02	-3.587635E-01	3.364992E-02	1.236933E-04	4.538009E-02		
52045	G	1.749574E-01	3.865353E-02	-3.591993E-01	3.960369E-02	-1.307117E-04	5.807636E-02		

61912	G	9.327754E-03	-4.[illegible]E-02	1.182340E-02	5.334981E-03	2.459554E-03	3.516508E-02
61913	G	6.162304E-03	-4.705568E-02	1.182340E-02	5.334981E-03	2.459554E-03	-1.705168E-03
61914	G	3.228063E-03	-4.369100E-02	1.182340E-02	5.334981E-03	2.459554E-03	3.336468E-02
61916	G	-1.342239E-02	-1.[illegible]E-02	1.214905E-02	6.264716E-03	1.263661E-04	4.090079E-02
61917	G	-1.404888E-02	-1.277873E-02	1.214905E-02	6.264716E-03	1.263661E-04	1.458132E-02
61918	G	-1.419913E-02	-5.[illegible]E-03	1.214905E-02	6.264716E-03	1.263661E-04	3.955630E-02
61922	G	2.383956E-02	-1.951783E-02	-5.629238E-02	5.067941E-03	3.473577E-03	4.331604E-03
61923	G	2.076279E-02	-1.[illegible]E-02	-5.629238E-02	5.067941E-03	3.473577E-03	1.099601E-02
61924	G	1.796919E-02	-1.095301E-02	-5.629238E-02	5.067941E-03	3.473577E-03	1.200757E-02
61926	G	-4.272413E-03	2.214294E-03	-5.471681E-02	6.318416E-03	6.227095E-03	2.170779E-02
61927	G	-8.506838E-03	6.514827E-03	-5.471681E-02	6.318420E-03	6.227095E-03	1.769198E-02
61928	G	-1.485848E-02	1.249961E-02	-5.471681E-02	6.318416E-03	6.227095E-03	2.180942E-02
61934	G	-1.817781E-02	3.325519E-02	-6.494105E-02	-5.999427E-03	-4.505613E-04	1.302530E-02
61935	G	-1.788945E-02	3.941555E-02	-6.494105E-02	-5.999427E-03	-4.505615E-04	3.227640E-02
61936	G	-1.757406E-02	3.521595E-02	-6.494105E-02	-5.999427E-03	-4.505613E-04	2.445928E-02
62211	G	2.471073E-02	-8.291739E-02	4.652311E-02	0.0	0.0	0.0
62213	G	9.220831E-03	-4.735730E-02	4.662174E-02	1.468153E-02	3.628274E-04	-1.719619E-03
62217	G	-5.530240E-02	-3.939375E-03	5.560432E-02	1.623100E-02	-4.389569E-03	1.198156E-02
62219	G	-7.098901E-02	7.900752E-03	5.633649E-02	0.0	0.0	0.0
62221	G	5.833145E-03	-2.114066E-02	-4.012943E-02	2.929299E-03	-6.256383E-03	3.445278E-03
62224	G	-1.728646E-02	-6.906670E-03	-3.946705E-02	8.164275E-03	2.253703E-02	1.083958E-02
62226	G	-6.643325E-02	1.471048E-02	-3.800413E-02	8.895840E-04	-1.542957E-02	1.897253E-02
62229	G	-8.652407E-02	2.760433E-02	-3.757459E-02	1.092125E-02	3.986664E-02	1.741067E-02
62231	G	-6.486881E-02	8.403355E-02	-1.529638E-01	-4.015550E-02	-1.106954E-02	1.034580E-02
62239	G	-8.806050E-02	4.574001E-02	-1.516150E-01	-3.794565E-02	4.021071E-03	2.156792E-02
62811	G	1.653724E-02	-8.142859E-02	1.151180E-01	0.0	0.0	0.0
62819	G	-1.044822E-01	9.634126E-03	1.078917E-01	0.0	0.0	0.0
6282.	G	-9.728513E-03	-1.772244E-02	-2.211066E-02	0.0	0.0	0.0
62829	G	-1.350234E-01	3.214843E-02	-2.274841E-02	0.0	0.0	0.0
62831	G	-1.108842E-01	9.611225E-02	-2.337697E-01	0.0	0.0	0.0
62839	G	-1.406547E-01	7.576334E-02	-2.339934E-01	0.0	0.0	0.0
63411	G	8.966263E-03	-9.500057E-02	1.721385E-01	0.0	0.0	0.0
63419	G	-1.415163E-01	4.271511E-03	1.710606E-01	0.0	0.0	0.0
63421	G	-2.536710E-02	-1.531780E-02	-6.192427E-03	0.0	0.0	0.0
63429	G	-1.820776E-01	3.821516E-02	-6.317683E-03	0.0	0.0	0.0
63431	G	-1.500568E-01	1.091833E-01	-2.786064E-01	0.0	0.0	0.0
63439	G	-1.904824E-01	9.908360E-02	-2.788196E-01	0.0	0.0	0.0
64211	G	-5.555682E-03	-1.109751E-01	2.709721E-01	0.0	0.0	0.0
64219	G	-2.001974E-01	-1.079052E-04	2.696545E-01	0.0	0.0	0.0
64221	G	-5.697172E-02	-9.634364E-03	1.658050E-02	0.0	0.0	0.0
64229	G	-2.603242E-01	4.783013E-02	1.679590E-02	7.713456E-03	2.653245E-02	5.030137E-03
64231	G	-2.146360E-01	1.290412E-01	-3.375553E-01	0.0	0.0	0.0
64239	G	-2.709029E-01	1.234498E-01	-3.376955E-01	0.0	0.0	0.0
65011	G	-2.269004E-02	-1.217245E-01	3.861818E-01	0.0	0.0	0.0
65019	G	-2.610508E-01	-3.133973E-03	3.838962E-01	0.0	0.0	0.0
65021	G	-9.541643E-02	-1.199181E-04	3.325495E-02	0.0	0.0	0.0
65029	G	-3.466738E-01	5.745728E-02	3.316998E-02	0.0	0.0	0.0
65031	G	-2.864044E-01	1.456750E-01	-3.982584E-01	0.0	0.0	0.0
65039	G	-3.605024E-01	1.414025E-01	-3.983088E-01	0.0	0.0	0.0
65911	G	-4.161939E-02	-1.212581E-01	5.202060E-01	0.0	0.0	0.0
65919	G	-3.190812E-01	-1.286011E-02	5.262568E-01	0.0	0.0	0.0
65921	G	-1.582347E-01	1.463152E-02	3.283007E-02	0.0	0.0	0.0
65929	G	-4.419824E-01	7.063413E-02	2.617884E-02	1.018239E-02	5.744777E-02	9.533410E-03
65931	G	-3.635593E-01	1.556435E-01	-4.566756E-01	0.0	0.0	0.0
65939	G	-4.530119E-01	1.522032E-01	-4.570825E-01	0.0	0.0	0.0
71912	G	3.010386E-02	3.802560E-02	-2.013621E-03	-5.813472E-03	3.143675E-03	-3.481786E-02
71913	G	2.605795E-02	3.054366E-02	-2.013621E-03	-5.813472E-03	3.143675E-03	2.573106E-03
71914	G	2.230755E-02	2.360819E-02	-2.013621E-03	-5.813472E-03	3.143675E-03	-3.208308E-02
71916	G	-8.135424E-04	8.523650E-03	-1.481940E-03	-6.839104E-03	2.290120E-03	-3.879390E-02
71917	G	-3.105954E-03	1.677701E-03	-1.481940E-03	-6.839104E-03	2.290120E-03	-1.372827E-02
71918	G	-5.828902E-03	-6.453991E-03	-1.481940F-03	-6.839104E-03	2.290120E-03	-3.745694E-02
71922	G	4.571505E-02	4.651152E-03	-7.849610E-02	-5.644798E-03	4.426476E-03	-4.367139E-03
71923	G	4.181975E-02	-3.162713E-04	-7.849610E-02	-5.644798E-03	4.426476E-03	-1.036676E-02
71924	G	3.823430E-02	-4.888561E-03	-7.849610E-02	-5.644798E-03	4.426476E-03	-1.214631E-02
71926	G	1.254943E-02	-2.029390E-02	-7.680577E-02	-7.351637E-03	6.969783E-03	-2.310890E-02
71927	G	7.809971E-03	-2.529301E-02	-7.680577E-02	-7.351637E-03	6.969783E-03	-1.669495E-02

71928	G	7.007867E-04	-3.279169E-02	-7.644777E-02	-7.351637E-03	6.697783E-03	-2.347449E-02
71934	G	9.706985E-03	-7.168405E-02	-1.114914E-01	3.787721E-03	-2.738611E-03	-1.573016E-02
71935	G	1.131970E-02	-6.925976E-02	-1.114914E-01	3.787721E-03	-2.738611E-03	-3.297179E-02
71936	G	1.343677E-02	-6.660825E-02	-1.114914E-01	3.787721E-03	-2.738611E-03	-3.117166E-02
72211	G	4.878056E-02	8.503437E-02	3.770494E-02	0.0	0.0	0.0
72213	G	5.115971E-02	4.296597E-02	3.739632E-02	-1.707733E-02	3.162755E-04	2.384389E-03
72217	G	-4.205235E-02	-7.878684E-03	4.814723E-02	-1.959588E-02	-2.407551E-03	-1.164690E-02
72219	G	-5.912596E-02	-2.452274E-02	4.889486E-02	0.0	0.0	0.0
72221	G	2.857246E-02	1.213310E-02	-5.983113E-02	-6.437756E-03	-4.532155E-03	-3.597670E-03
72224	G	2.256899E-03	-7.246263E-03	-5.897533E-02	-9.930588E-03	2.347084E-02	-1.096679E-02
72226	G	-5.349696E-02	-3.467300E-02	-5.693405E-02	-2.336367E-03	-1.567651E-02	-2.026287E-02
72227	G	-7.612062E-02	-5.077271E-02	-5.640618E-02	-1.383787E-02	4.279754E-02	-1.875236E-02
72231	G	-4.986790E-02	-1.135896E-01	-1.932897E-01	4.058010E-02	-1.747672E-02	-1.196128E-02
72239	G	-7.607257E-02	-7.770729E-02	-1.918289E-01	3.599227E-02	3.456276E-03	-2.716603E-02
72811	G	4.231243E-02	8.351636E-02	1.202779E-01	0.0	0.0	0.0
72819	G	-9.422654E-02	-2.522454E-02	1.127593E-01	0.0	0.0	0.0
72821	G	1.135796E-02	9.513405E-03	-3.141214E-02	0.0	0.0	0.0
72829	G	-1.281888E-01	-5.624063E-02	-3.223117E-02	0.0	0.0	0.0
72831	G	-1.011018E-01	-1.257085E-01	-2.687114E-01	0.0	0.0	0.0
72839	G	-1.345013E-01	-1.083536E-01	-2.689238E-01	0.0	0.0	0.0
73411		3.048135E-02	9.916461E-02	1.903523E-01	0.0	0.0	0.0
73419	G	-1.346145E-01	-2.082680E-02	1.888403E-01	0.0	0.0	0.0
73421	G	-6.955277E-03	7.957894E-03	-5.623740E-03	0.0	0.0	0.0
73429	G	-1.793324E-01	-6.336224E-02	-5.728763E-03	0.0	0.0	0.0
73431	G	-1.439444E-01	-1.386950E-01	-3.055913E-01	0.0	0.0	0.0
73439	G	-1.885449E-01	-1.321588E-01	-3.057944E-01	0.0	0.0	0.0
74211	G	1.377089E-02	1.179073E-01	3.121213E-01	0.0	0.0	0.0
74219	G	-1.977370E-01	-1.694375E-02	3.105634E-01	0.0	0.0	0.0
74221	G	-4.193545E-02	3.631165E-03	3.521351E-02	0.0	0.0	0.0
74229	G	-2.634193E-01	-7.403967E-02	3.545493E-02	-1.042844E-02	2.386712E-02	-5.993173E-03
74231	G	-2.135973E-01	-1.579287E-01	-3.503427E-01	0.0	0.0	0.0
74239	G	-2.750139E-01	-1.567578E-01	-3.503712E-01	0.0	0.0	0.0
75011	G	-4.176993E-03	1.310218E-01	4.562532E-01	0.0	0.0	0.0
75019	G	-2.620198E-01	-1.302976E-02	4.536713E-01	0.0	0.0	0.0
75021	G	-8.713084E-02	-4.575126E-03	7.389490E-02	0.0	0.0	0.0
75029	G	-3.549443E-01	-8.412075E-02	7.369447E-02	0.0	0.0	0.0
75031	G	-2.897295E-01	-1.731924E-01	-3.939703E-01	0.0	0.0	0.0
75039	G	-3.701349E-01	-1.741911E-01	-3.940392E-01	0.0	0.0	0.0
75911	G	-2.301068E-02	1.314810E-01	6.245272E-01	0.0	0.0	0.0
75919	G	-3.225514E-01	-1.525309E-05	6.336339E-01	0.0	0.0	0.0
75921	G	-1.484933E-01	-1.957160E-02	9.886694E-02	0.0	0.0	0.0
75929	G	-4.550361E-01	-9.685135E-02	9.199519E-02	-1.405130E-02	6.197430E-02	-1.107769E-02
75931	G	-3.703960E-01	-1.811814E-01	-4.307739E-01	0.0	0.0	0.0
75939	G	-4.672400E-01	-1.933443E-01	-4.312091E-01	0.0	0.0	0.0
122400	G	-1.094519E-01	-5.820848E-03	-1.388102E-01	1.480010E-03	-5.723111E-03	-4.428553E-04
123467	G	4.339542E-02	-5.680591E-03	-4.967403E-02	0.0	0.0	0.0
123487	G	-8.933139E-02	-3.945630E-03	-9.580184E-02	0.0	0.0	0.0
124800	G	-1.094519E-01	-1.640509E-02	-2.027941E-03	1.480010E-03	-5.723111E-03	-4.428553E-04
125063	G	2.325967E-02	8.698482E-03	3.716745E-02	0.0	0.0	0.0
125065	G	3.382769E-02	8.561742E-03	2.083598E-03	0.0	0.0	0.0
125067	G	4.340243E-02	7.878177E-03	-1.589143E-02	0.0	0.0	0.0
125383	G	-7.242483E-02	-1.053192E-02	4.581334E-02	0.0	0.0	0.0
125387	G	-8.281511E-02	-1.053192E-02	1.109135E-02	0.0	0.0	0.0
126863	G	2.914469E-02	2.513421E-02	1.004609E-01	0.0	0.0	0.0
126867	G	4.040367E-02	2.452375E-02	6.326813E-02	0.0	0.0	0.0
127200	G	-1.094519E-01	-2.738789E-02	1.399052E-01	1.480010E-03	-5.723111E-03	-4.428553E-04
189073	G	2.952478E-02	-2.048781E-02	-2.306563E-01	-1.905806E-03	-9.583302E-03	-3.981602E-04
189077	G	1.967032E-02	-2.048781E-02	-1.835176E-01	-1.905806E-03	-9.583302E-03	-3.981602E-04
200070	G	9.714317E-02	-3.892027E-02	-1.106939E-01	-1.905806E-03	-9.583302E-03	-3.981602E-04
200078	G	2.459755E-02	-2.449331E-02	-1.106439E-01	-1.905806E-03	-9.583302E-03	-3.981602E-04
200079	G	1.034703E-02	-2.166860E-02	-1.109789E-01	-1.911232E-03	-9.672713E-03	-3.981602E-04
200086	G	-7.079810E-02	-6.297998E-03	-1.116721E-01	-2.038881E-03	-1.096471E-02	-3.981602E-04
200087	G	-6.059848E-02	-7.832289E-03	-1.116721E-01	-1.930481E-03	-1.000858E-02	-3.981602E-04
200095	G	-1.598936E-01	1.380460E-02	-1.125146E-01	-1.788820E-03	-9.174395E-03	-3.981602E-04
200096	G	-1.492698E-01	9.112414E-03	-1.125146E-01	-1.943069E-03	-1.022740E-02	-3.981602E-04
200101	G	-2.074620E-01	2.012479E-02	-1.130610E-01	-1.480487E-03	-7.597521E-03	-3.981602E-04

200106	G	-2.430563E-01	2.703461E-02	-1.140664E-01	-1.098135E-03	-5.587030E-03	-3.981602E-04
200114	G	-2.716454E-01	3.316775E-02	-1.156269E-01	-4.283208E-04	-1.472194E-03	-3.981602E-04
200121	G	-2.680681E-01	3.401536E-02	-1.169748E-01	1.913741E-04	2.561722E-03	-3.981602E-04
200129	G	-2.297372E-01	2.981108E-02	-1.185154E-01	9.307849E-04	6.829932E-03	-3.981602E-04
200137	G	-1.618459E-01	2.118540E-02	-1.195153E-01	1.296723E-03	9.951852E-03	-3.981602E-04
200145	G	-7.376099E-02	9.551451E-03	-1.185153E-01	1.579681E-03	1.185373E-02	-3.981602E-04
200153	G	2.137290E-02	-3.173366E-03	-1.185153E-01	1.670237E-03	1.246240E-02	-3.981602E-04
200155	G	4.891470E-02	-6.866574E-03	-1.185153E-01	1.670237E-03	1.246240E-02	-3.981602E-04
211001	G	-1.405175E-01	1.893684E-01	7.567447E-02	-1.913300E-03	1.308251E-03	-4.474554E-03
211002	G	3.964011E-03	-8.273166E-02	7.545669E-02	-4.267808E-03	2.130166E-03	7.255592E-04
211073	G	2.952478E-02	-2.915974E-02	-2.196197E-02	-1.905806E-03	-9.583302E-03	-3.981602E-04
211077	G	1.967032E-02	-2.915974E-02	2.520672E-02	-1.905806E-03	-9.583302E-03	-3.981602E-04
214075	G	2.459755E-02	-3.026663E-02	2.826396E-02	-1.905806E-03	-9.583302E-03	-3.981602E-04
214901	G	-1.405175E-01	1.293663E-02	2.409017E-02	-1.913300E-03	1.308251E-03	-4.474554E-03
214902	G	3.964011E-03	-5.412290E-02	-8.535728E-03	-4.267808E-03	2.130166E-03	7.255592E-04
215101	G	2.864660E-02	1.342802E-02	2.948569E-03	-5.298471E-04	8.190986E-03	-5.582046E-03
215102	G	8.233613E-02	9.333525E-03	1.915194E-02	-1.323109E-03	4.809510E-03	1.410276E-03
215201	G	1.314762E-01	1.228834E-02	-8.307517E-03	2.495928E-04	8.015271E-03	-2.377191E-03
215202	G	1.279680E-01	1.109155E-02	1.841133E-02	8.008964E-04	6.134294E-03	1.387799E-03
222001	G	-1.393126E-01	-1.692485E-01	1.469537E-01	-1.197103E-02	3.155579E-03	-3.628129E-03
222002	G	4.069921E-03	-3.532205E-02	-8.220685E-02	-4.721116E-03	1.461604E-03	4.934713E-04
222201	G	3.868544E-02	2.788902E-02	9.096220E-03	-7.690471E-03	9.030011E-03	-4.072979E-03
222202	G	6.076674E-02	4.237604E-02	-4.307328E-02	-2.668702E-03	3.760830E-03	1.316461E-03
222301	G	1.298106E-01	4.891458E-02	-6.653273E-02	-1.014468E-03	8.339148E-03	-1.301498E-03
222302	G	1.072707E-01	4.903137E-02	-2.805980E-02	8.680811E-04	5.530626E-03	1.710696E-03
223401	G	-1.393126E-01	-2.220378E-01	1.010500E-01	-1.197103E-02	3.155579E-03	-3.628129E-03
223402	G	4.069921E-03	-2.814204E-02	-1.034732E-01	-4.721116E-03	1.461604E-03	4.934713E-04
520018	G	7.070172E-02	3.865368E-02	-2.880206E-01	3.950016E-02	-1.307117E-04	5.776584E-02
520024	G	3.488723E-02	3.865368E-02	-2.635325E-01	3.949034E-02	-1.307117E-04	5.776426E-02
520057	G	-1.592885E-01	3.865583E-02	-1.327345E-01	4.133718E-02	-1.307117E-04	6.346035E-02
520065	G	-2.089867E-01	3.865633E-02	-1.008332E-01	4.266353E-02	-1.307117E-04	6.748086E-02
520068	G	-2.343366E-01	3.865656E-02	-8.492219E-02	4.335282E-02	-1.307117E-04	6.957936E-02
520079	G	-3.126997E-01	3.866143E-02	-3.704256E-02	4.526745E-02	-1.307117E-04	7.538933E-02
520135	G	-8.227957E-01	3.869595E-02	2.450971E-01	5.409456E-02	-1.307117E-04	1.018270E-01
520139	G	-8.647137E-01	3.869918E-02	2.673349E-01	5.436740E-02	-1.307117E-04	1.026040E-01
520152	G	-1.000000E 00	3.870938E-02	3.388681E-01	5.472445E-02	-1.307117E-04	1.036059E-01
520185	G	-1.341691E 00	3.870938E-02	5.193489E-01	5.472445E-02	-1.307117E-04	1.036059E-01

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 5.430755E 04

REAL EIGENVECTOR NO. 29

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-4.869672E-02	-7.758126E-01	2.787406E-01	0.0	0.0	0.0
3339	G	5.548443E-02	-7.761409E-01	4.330232E-01	0.0	0.0	0.0
3341	G	1.025242E-01	-1.000000E 00	3.399405E-01	0.0	0.0	0.0
3349	G	-8.868240E-03	-9.969943E-01	3.714634E-01	0.0	0.0	0.0
4631	G	-1.150286E-01	-6.399834E-01	1.707497E-01	0.0	0.0	0.0
4633	G	-1.101127E-01	-6.688983E-01	1.912435E-01	0.0	0.0	0.0
4637	G	7.665867E-02	-6.668741E-01	3.492827E-01	0.0	0.0	0.0
4639	G	1.214632E-01	-6.389566E-01	3.692294E-01	0.0	0.0	0.0
4641	G	-6.668496E-02	-5.807482E-01	1.644733E-01	0.0	0.0	0.0
4649	G	1.538467E-01	-5.806708E-01	3.763678E-01	0.0	0.0	0.0
4661	G	6.458592E-02	-5.138649E-01	1.878496E-01	0.0	0.0	0.0
4669	G	1.300110E-01	-5.159838E-01	3.536612E-01	0.0	0.0	0.0
6123	G	-1.782348E-01	-5.628247E-01	-3.757999E-03	0.0	0.0	0.0
6127	G	7.173437E-02	-5.649756E-01	3.202420E-01	0.0	0.0	0.0
6131	G	-1.561510E-01	-4.908060E-01	-4.181323E-02	0.0	0.0	0.0
6133	G	-1.113291E-01	-4.897168E-01	-6.655447E-03	0.0	0.0	0.0
6137	G	8.458781E-02	-4.898232E-01	3.228641E-01	0.0	0.0	0.0
6139	G	1.273898E-01	-4.905968E-01	3.608060E-01	0.0	0.0	0.0
6141	G	-1.083337E-01	-4.350268E-01	-4.148985E-02	0.0	0.0	0.0
6143	G	-5.393432E-02	-4.352564E-01	-1.429647E-02	0.0	0.0	0.0
6147	G	1.117920E-01	-4.291522E-01	3.300412E-01	0.0	0.0	0.0
6149	G	1.642306E-01	-4.291474E-01	3.600529E-01	0.0	0.0	0.0
6161	G	-6.449997E-02	-4.063972E-01	-4.298200E-02	0.0	0.0	0.0
6163	G	-1.187693E-02	-4.073891E-01	-1.692923E-02	0.0	0.0	0.0
6167	G	1.333217E-01	-3.981556E-01	3.327857E-01	0.0	0.0	0.0
6169	G	1.817151E-01	-3.978031E-01	3.593494E-01	0.0	0.0	0.0
6171	G	1.202658E-01	-4.485909E-01	7.769598E-02	0.0	0.0	0.0
6179	G	1.380391E-01	-4.444535E-01	3.480857E-01	0.0	0.0	0.0
7031	G	-1.594747E-01	-3.870140E-01	0.0	0.0	0.0	0.0
7033	G	-1.064779E-01	-3.872126E-01	-8.817714E-02	0.0	0.0	0.0
7037	G	8.195460E-02	-3.8.2126E-01	2.994539E-01	0.0	0.0	0.0
7039	G	1.347762E-01	-3.875636E-01	0.0	0.0	0.0	0.0
7043	G	-5.369058E-02	0.0	-8.931446E-02	0.0	0.0	0.0
7047	G	1.127419E-01	0.0	2.943628E-01	0.0	0.0	0.0
7061	G	-6.829542E-02	-3.129393E-01	-1.787404E-01	0.0	0.0	0.0
7063	G	-1.243294E-02	-3.129392E-01	-9.008741E-02	0.0	0.0	0.0
7067	G	1.422169E-01	-3.044200E-01	2.927636E-01	0.0	0.0	0.0
7069	G	1.855870E-01	-3.035635E-01	2.428693E-01	0.0	0.0	0.0
7071	G	-1.045682E-01	0.0	-1.449401E-01	0.0	0.0	0.0
7079	G	2.608486E-01	0.0	1.811778E-01	0.0	0.0	0.0
7505	G	-1.294089E-01	-6.335601E-01	6.885415E-02	-1.938155E-02	7.809814E-03	9.421628E-03
8300	G	1.980494E-01	1.635726E-01	1.070706E-02	0.0	0.0	0.0
8531	G	-1.645773E-01	-2.481322E-01	0.0	0.0	0.0	0.0
8533	G	-1.064779E-01	-2.508817E-01	-2.011852E-01	0.0	0.0	0.0
8537	G	8.195460E-02	-2.508817E-01	1.864459E-01	0.0	0.0	0.0
8539	G	1.508299E-01	-2.478090E-01	0.0	0.0	0.0	0.0
8543	G	-5.350793E-02	0.0	-1.951702E-01	0.0	0.0	0.0
8547	G	1.128710E-01	0.0	1.816754E-01	0.0	0.0	0.0
8561	G	-6.963426E-02	-1.975458E-01	-2.410566E-01	0.0	0.0	0.0
8563	G	-2.423998E-02	-1.987948E-01	-1.931937E-01	0.0	0.0	0.0
8567	G	1.536807E-01	-1.822222E-01	1.805725E-01	0.0	0.0	0.0
8569	G	1.810118E-01	-1.822219E-01	1.519729E-01	0.0	0.0	0.0
8571	G	-1.205884E-01	0.0	-2.118022E-01	0.0	0.0	0.0
8579	G	2.351561E-01	0.0	1.002947E-01	0.0	0.0	0.0
9303	G	-7.105422E-02	-1.583857E-01	-2.275122E-01	0.0	0.0	0.0
9307	G	2.135446E-01	-1.561968E-01	7.430417E-02	0.0	0.0	0.0

9313	G	-2.319546E-01	-1.158949E-01	-2.294900E-01	0.0	0.0	0.0
9317	G	3.190450E-01	-1.594961E-01	7.688516E-02	0.0	0.0	0.0
9331	G	-1.630179E-01	-1.592259E-01	-1.867647E-01	0.0	0.0	0.0
9333	G	-8.969635E-02	-1.553251E-01	-2.014995E-01	0.0	0.0	0.0
9337	G	7.736010E-02	-1.473204E-01	7.012045E-02	0.0	0.0	0.0
9339	G	1.592039E-01	-1.493038E-01	7.610438E-02	0.0	0.0	0.0
9341	G	0.0	-1.666430E-01	-2.250473E-01	0.0	0.0	0.0
9343	G	-5.365485E-02	-1.695637E-01	-2.044870E-01	0.0	0.0	0.0
9347	G	1.104679E-01	-1.777911E-01	5.953924E-02	0.0	0.0	0.0
9349	G	0.0	-1.752159E-01	1.242074E-01	0.0	0.0	0.0
9361	G	-6.957743E-02	-1.171176E-01	-2.259777E-01	0.0	0.0	0.0
9363	G	-4.228725E-02	-1.163676E-01	-2.030595E-01	0.0	0.0	0.0
9367	G	1.461853E-01	-1.230911E-01	4.700712E-02	0.0	0.0	0.0
9369	G	1.609510E-01	-1.235364E-01	8.767688E-02	0.0	0.0	0.0
9371	G	-8.941495E-02	-7.238364E-02	-2.195132E-01	0.0	0.0	0.0
9373	G	0.0	-6.693393E-02	-2.032905E-01	0.0	0.0	0.0
9377	G	0.0	-6.788552E-02	7.956705E-02	0.0	0.0	0.0
9379	G	1.990718E-01	-7.306403E-02	7.583880E-02	0.0	0.0	0.0
11300	G	-4.790591E-02	8.624212E-01	-5.090257E-01	0.0	0.0	0.0
11503	G	-5.935266E-02	3.211439E-01	0.0	0.0	0.0	0.0
11507	G	1.748285E-01	3.211439E-01	0.0	0.0	0.0	0.0
11531	G	-1.057757E-01	3.203390E-02	0.0	0.0	0.0	0.0
11533	G	-4.186218E-02	3.242885E-02	-1.611167E-01	0.0	0.0	0.0
11537	G	7.071829E-02	3.576764E-02	-4.238974E-02	0.0	0.0	0.0
11539	G	1.281823E-01	3.611615E-02	0.0	0.0	0.0	0.0
11543	G	-4.828866E-02	-4.105093E-02	-1.610431E-01	0.0	0.0	0.0
11547	G	9.974146E-02	-4.105093E-02	-4.250714E-02	0.0	0.0	0.0
11561	G	-6.359553E-02	-4.396153E-02	-7.721317E-02	0.0	0.0	0.0
11563	G	-5.868589E-02	-4.416051E-02	-1.604712E-01	0.0	0.0	0.0
11567	G	1.281719E-01	-7.993513E-02	-4.246889E-02	0.0	0.0	0.0
11569	G	1.342345E-01	-7.964683E-02	-9.035641E-02	0.0	0.0	0.0
11571	G	-1.264024E-01	0.0	-6.231664E-02	0.0	0.0	0.0
11579	G	1.724426E-01	0.0	-1.167495E-01	0.0	0.0	0.0
11700	G	1.598570E-01	7.915499E-01	4.452821E-01	0.0	0.0	0.0
13500	G	-4.973367E-03	-2.783464E-01	-8.619106E-02	0.0	0.0	0.0
13801	G	1.294775E-01	3.845769E-01	1.740492E-02	0.0	0.0	0.0
13803	G	1.109611E-01	3.994098E-01	-6.251580E-02	0.0	0.0	0.0
13807	G	3.357901E-02	4.302897E-01	-1.089016E-01	0.0	0.0	0.0
13809	G	4.134100E-03	3.844568E-01	-1.935381E-01	0.0	0.0	0.0
13821	G	9.081525E-02	2.875404E-01	4.277606E-02	0.0	0.0	0.0
13823	G	5.430596E-02	2.893604E-01	-4.910125E-02	0.0	0.0	0.0
13827	G	4.466136E-02	2.875131E-01	-1.263152E-01	0.0	0.0	0.0
13829	G	1.686408E-03	2.866457E-01	-2.148083E-01	0.0	0.0	0.0
13831	G	-6.034483E-02	1.694820E-01	5.309202E-02	0.0	0.0	0.0
13833	G	-1.268576E-02	1.715056E-01	-3.713151E-02	0.0	0.0	0.0
13837	G	6.742281E-02	1.719933E-01	-1.337049E-01	0.0	0.0	0.0
13839	G	1.027289E-01	1.707606E-01	-2.199776E-01	0.0	0.0	0.0
13841	G	0.0	8.635986E-02	6.407934E-02	0.0	0.0	0.0
13843	G	-3.993569E-02	8.740664E-02	-3.491458E-02	0.0	0.0	0.0
13847	G	8.455884E-02	8.872598E-02	-1.362822E-01	0.0	0.0	0.0
13848	G	6.441234E-02	5.477019E-02	-1.257523E-01	0.0	0.0	0.0
13849	G	0.0	5.505496E-02	-2.416863E-01	0.0	0.0	0.0
13861	G	-5.204513E-02	-1.820858E-02	6.735790E-02	0.0	0.0	0.0
13863	G	-6.918782E-02	-1.806185E-02	-3.487136E-02	0.0	0.0	0.0
13867	G	1.108205E-01	-4.631105E-02	-1.142869E-01	0.0	0.0	0.0
13869	G	1.193842E-01	-4.620136E-02	-2.107748E-01	0.0	0.0	0.0
13871	G	-9.592080E-02	0.0	6.873506E-02	0.0	0.0	0.0
13879	G	7.901144E-02	0.0	-2.401652E-01	0.0	0.0	0.0
14801	G	1.294775E-01	3.286414E-01	7.172543E-02	0.0	0.0	0.0
14803	G	1.035440E-01	3.366908E-01	1.681599E-02	0.0	0.0	0.0
14807	G	3.637259E-02	3.365330E-01	-1.439817E-01	0.0	0.0	0.0
14809	G	4.134100E-03	3.284255E-01	-1.977743E-01	0.0	0.0	0.0
14821	G	8.893150E-02	2.574392E-01	8.952975E-02	0.0	0.0	0.0
14823	G	5.494921E-02	2.576791E-01	1.681599E-02	0.0	0.0	0.0
14827	G	4.331834E-02	2.586022E-01	-1.439817E-01	0.0	0.0	0.0
14829	G	2.473887E-03	2.586629E-01	-2.154103E-01	0.0	0.0	0.0

14831	G	-5.076503E-02	1.817744E-01	9.844840E-02	0.0	0.0	0.0
14833	G	-7.766850E-03	1.813977E-01	1.968704E-02	0.0	0.0	0.0
14837	G	6.648809E-02	1.795489E-01	-1.475229E-01	0.0	0.0	0.0
14839	G	9.574318E-02	1.793082E-01	-2.246563E-01	0.0	0.0	0.0
14841	G	0.0	8.611807E-02	1.087016E-01	0.0	0.0	0.0
14843	G	-4.024524E-02	8.827573E-02	2.370369E-02	0.0	0.0	0.0
14847	G	8.442664E-02	8.685809E-02	-1.522111E-01	0.0	0.0	0.0
14849	G	0.0	8.284628E-02	-2.338297E-01	0.0	0.0	0.0
14861	G	-4.505644E-02	-2.976575E-02	1.131930E-01	0.0	0.0	0.0
14863	G	-6.934595E-02	-2.931080E-02	2.625844E-02	0.0	0.0	0.0
14867	G	1.026901E-01	-2.760989E-02	-1.566785E-01	0.0	0.0	0.0
14869	G	1.022602E-01	-2.841012E-02	-2.365934E-01	0.0	0.0	0.0
14881	G	-7.194459E-02	-2.078347E-01	1.108532E-01	0.0	0.0	0.0
14883	G	-3.754385E-02	-2.075364E-01	2.529095E-02	0.0	0.0	0.0
14887	G	3.371955E-02	-2.054046E-01	-1.399240E-01	0.0	0.0	0.0
14889	G	7.338828E-02	-2.053872E-01	-2.176093E-01	0.0	0.0	0.0
15212	G	1.022564E-01	2.883030E-01	6.904459E-02	8.809438E-03	-5.417485E-03	-4.801933E-03
15218	G	2.091185E-02	2.871323E-01	-1.776644E-01	8.692611E-03	7.743309E-04	-5.156286E-03
15601	G	1.015360E-01	2.803958E-01	1.146463E-01	0.0	0.0	0.0
15603	G	1.035440E-01	2.987075E-01	5.966829E-02	0.0	0.0	0.0
15607	G	3.637259E-02	2.957467E-01	-1.501367E-01	0.0	0.0	0.0
15609	G	3.062483E-02	2.774636E-01	-1.947957E-01	0.0	0.0	0.0
15621	G	8.565265E-02	2.208153E-01	1.251287E-01	0.0	0.0	0.0
15623	G	6.296843E-02	2.196959E-01	7.437837E-02	0.0	0.0	0.0
15625	G	4.804873E-02	2.207737E-01	-4.624449E-02	0.0	0.0	0.0
15627	G	3.470735E-02	2.177740E-01	-1.646233E-01	0.0	0.0	0.0
15629	G	2.839454E-03	2.184380E-01	-2.043166E-01	0.0	0.0	0.0
15633	G	3.015570E-02	0.0	7.218611E-02	0.0	0.0	0.0
15637	G	3.010670E-02	0.0	-1.658225E-01	0.0	0.0	0.0
16481	G	-5.621200E-02	-2.090178E-01	1.335022E-01	0.0	0.0	0.0
16483	G	-3.124401E-02	-2.087485E-01	0.0	0.0	0.0	0.0
16485	G	1.325631E-05	-2.046311E-01	0.0	0.0	0.0	0.0
16487	G	3.045418E-02	-2.041141E-01	0.0	0.0	0.0	0.0
16489	G	4.923981E-02	-2.032012E-01	-1.823203E-01	0.0	0.0	0.0
17100	G	-1.752570E-02	7.427210E-02	1.735292E-02	0.0	0.0	0.0
18601	G	6.956100E-02	1.813677E-01	1.708963E-01	0.0	0.0	0.0
18603	G	5.558033E-02	1.946265E-01	1.322172E-01	0.0	0.0	0.0
18607	G	3.697592E-02	1.968685E-01	6.086245E-03	0.0	0.0	0.0
18609	G	2.220560E-02	1.829976E-01	-3.780543E-02	0.0	0.0	0.0
18621	G	6.003458E-02	1.219665E-01	1.848131E-01	0.0	0.0	0.0
18623	G	4.401750E-02	1.201619E-01	1.364684E-01	0.0	0.0	0.0
18625	G	4.111662E-02	1.200629E-01	7.140845E-02	0.0	0.0	0.0
18627	G	3.469882E-02	1.207692E-01	3.802396E-03	0.0	0.0	0.0
18629	G	1.984179E-02	1.223036E-01	-5.082183E-02	0.0	0.0	0.0
18631	G	3.073633E-02	-8.627962E-03	1.878024E-01	0.0	0.0	0.0
18633	G	0.0	-6.885037E-03	1.386151E-01	0.0	0.0	0.0
18635	G	0.0	-4.855920E-03	7.430363E-02	0.0	0.0	0.0
18637	G	0.0	-4.879747E-03	7.273603E-03	0.0	0.0	0.0
18639	G	3.640907E-02	-4.555665E-03	-4.744937E-02	0.0	0.0	0.0
18641	G	-3.295838E-02	-1.377673E-01	1.832026E-01	2.679749E-03	-1.645258E-03	8.207977E-03
18642	G	-1.827679E-02	-1.360503E-01	1.750810E-01	4.560001E-03	-4.067194E-03	6.504465E-03
18643	G	3.034231E-03	-1.338931E-01	1.594845E-01	0.0	-6.482456E-03	5.803842E-03
18644	G	2.713940E-02	-1.280506E-01	1.167100E-01	0.0	0.0	1.952096E-03
18645	G	3.390291E-02	-1.257736E-01	7.860082E-02	0.0	0.0	7.202558E-04
18646	G	3.937172E-02	-1.260813E-01	3.837265E-02	0.0	0.0	1.504671E-03
18647	G	5.885725E-02	-1.294889E-01	-5.588327E-03	0.0	1.087496E-03	4.847985E-03
18648	G	7.666725E-02	-1.309152E-01	-2.314335E-02	5.223803E-03	1.020427E-03	5.421914E-03
18649	G	8.882838E-02	-1.321219E-01	-3.267106E-02	2.927458E-03	9.531730E-04	6.783728E-03
18651	G	-3.608886E-02	-1.450153E-01	1.822867E-01	2.685998E-03	-1.092339E-03	7.385489E-03
18652	G	-2.245475E-02	-1.439232E-01	1.749835E-01	4.167974E-03	-2.425354E-03	6.378688E-03
18653	G	7.725465E-02	-1.401107E-01	-2.231865E-02	4.696142E-03	-1.174805E-03	6.329544E-03
18654	G	9.028149E-02	-1.408177E-01	-3.084390E-02	3.357521E-03	6.338471E-05	6.725878E-03
18656	G	-3.833292E-02	-1.464179E-01	1.816215E-01	2.198721E-03	-2.269161E-04	2.074740E-04
18657	G	-3.740791E-02	-1.468492E-01	1.741831E-01	4.316915E-03	-2.666693E-03	6.376249E-04
18658	G	7.346016E-02	-1.494020E-01	-2.109946E-02	4.802190E-03	-2.900012E-05	5.546485E-03
18659	G	8.559967E-02	-1.494448E-01	-2.912263E-02	1.986559E-03	-1.381888E-03	6.653000E-03

18661	G	-4.020673E-02	-1.532779E-01	1.818931E-01	2.310246E-03	9.340709E-04	-1.791287E-04
18662	G	-4.202237E-02	-1.544380E-01	1.739616E-01	4.414693E-03	1.471991E-03	-7.515147E-05
18663	G	4.116407E-02	-1.559204E-01	1.591146E-01	5.224980E-03	2.008430E-03	4.887020E-04
18664	G	-3.070244E-02	-1.587567E-01	1.170526E-01	0.0	0.0	2.597582E-03
18665	G	-1.040348E-02	-1.600327E-01	7.632915E-02	0.0	0.0	4.327264E-03
18666	G	1.840113E-02	-1.601405E-01	3.843950E-02	0.0	0.0	5.539629E-03
18667	G	5.713074E-02	-1.588318E-01	-4.936151E-03	5.262971E-03	-2.813457E-03	6.136223E-03
18668	G	7.819700E-02	-1.576326E-01	-2.079756E-02	4.706699E-03	-1.852750E-03	5.892098E-03
18669	G	8.882916E-02	-1.567059E-01	-2.909118E-02	2.268984E-03	-8.893891E-04	4.681345E-03
18681	G	-4.280669E-02	-2.174318E-01	1.818455E-01	0.0	0.0	0.0
18683	G	-1.501736E-02	-2.184634E-01	1.577214E-01	5.224980E-03	2.316228E-03	1.519661E-03
18685	G	2.526658E-03	-2.233715E-01	7.764298E-02	0.0	0.0	0.0
18687	G	2.259428E-02	-2.218297E-01	-3.223180E-03	5.262971E-03	-2.835410E-03	1.519661E-03
18689	G	2.521202E-02	-2.211254E-01	-2.958461E-02	0.0	0.0	0.0
18985	G	-1.195689E-02	-2.215525E-01	1.476091E-01	0.0	2.556404E-03	-2.804869E-03
18987	G	2.267822E-02	-2.250058E-01	4.713748E-03	0.0	-2.466398E-04	-2.858886E-03
19741	G	-3.646778E-02	-1.919840E-01	2.093678E-01	-1.509828E-03	2.125528E-04	4.369155E-03
19742	G	-4.571758E-03	-1.837532E-01	2.063545E-01	1.175656E-03	-1.238062E-03	3.937889E-03
19743	G	3.454825E-03	-1.805456E-01	2.054643E-01	0.0	-9.195940E-04	3.477019E-03
19745	G	2.674354E-02	-1.673977E-01	1.836270E-01	0.0	0.0	2.614653E-03
19747	G	4.820513E-02	-1.577194E-01	1.115229E-01	0.0	2.094019E-03	3.016382E-03
19748	G	5.509602E-02	-1.568410E-01	8.248299E-02	1.244662E-02	2.434492E-03	3.348030E-03
19749	G	8.310266E-02	-1.677147E-01	-4.961330E-03	9.679932E-03	1.361435E-03	3.712680E-03
19751	G	-3.704787E-02	-1.862218E-01	2.090998E-01	-2.631301E-03	-6.230620E-04	2.408131E-03
19752	G	-1.204739E-02	-1.933149E-01	2.056398E-01	2.119556E-03	-3.674410E-04	3.704166E-03
19758	G	7.197887E-02	-1.970623E-01	8.271390E-02	1.153878E-02	1.807862E-03	3.379010E-03
19759	G	9.535026E-02	-1.908243E-01	-4.581015E-03	9.199310E-03	2.674808E-03	2.420381E-03
19761	G	-3.907609E-02	-1.937522E-01	2.093028E-01	1.462952E-03	-9.187625E-04	3.452732E-03
19762	G	-1.243946E-02	-1.987126E-01	2.052837E-01	2.690989E-04	-9.479471E-05	3.549279E-03
19763	G	-4.191410E-03	-2.013242E-01	2.068258E-01	0.0	-5.733650E-04	4.032277E-03
19765	G	3.180975E-02	-2.127892E-01	1.921075E-01	0.0	0.0	4.802153E-03
19767	G	6.780726E-02	-2.207240E-01	1.091345E-01	0.0	1.860221E-03	4.031338E-03
19768	G	7.605475E-02	-2.211984E-01	8.220011E-02	1.150066E-02	1.604078E-03	3.550469E-03
19769	G	1.027061E-01	-2.215953E-01	-4.697599E-03	1.185568E-02	3.126809E-03	3.455058E-03
21183	G	-3.956720E-03	-4.387897E-01	1.436101E-01	0.0	1.147421E-04	-1.499490E-02
21187	G	2.444908E-02	-4.455777E-01	-1.342167E-01	0.0	1.780190E-03	-1.512641E-02
21321	G	-8.262239E-03	7.146865E-02	1.768943E-01	0.0	0.0	0.0
21323	G	1.336745E-02	7.208931E-02	1.071895E-01	0.0	0.0	0.0
21325	G	2.998013E-02	7.296568E-02	2.135056E-04	0.0	0.0	0.0
21327	G	4.406345E-02	7.258797E-02	-1.101470E-01	0.0	0.0	0.0
21329	G	6.075844E-02	7.182258E-02	-1.861976E-01	0.0	0.0	0.0
21341	G	-4.051374E-02	-2.183918E-01	1.893477E-01	8.616623E-03	1.236323E-03	1.953393E-03
21343	G	-2.856724E-02	-2.161325E-01	1.344444E-01	0.0	1.285965E-03	2.303071E-03
21345	G	1.082816E-02	-2.110892E-01	4.135516E-03	0.0	2.179661E-03	3.922876E-03
21347	G	5.742292E-02	-2.096508E-01	-1.316323E-01	0.0	3.073356E-03	3.502966E-03
21349	G	7.645333E-02	-2.100022E-01	-1.937516E-01	8.276013E-03	3.122999E-03	3.287995E-03
21361	G	-4.421913E-02	-3.185308E-01	1.910869E-01	0.0	0.0	0.0
21363	G	-2.604119E-02	-3.194269E-01	1.404536E-01	1.327250E-02	1.924579E-03	0.0
21364	G	-4.563354E-03	-3.193806E-01	6.373429E-02	0.0	0.0	0.0
21366	G	4.854403E-02	-3.226125E-01	-5.594565E-02	0.0	0.0	0.0
21367	G	8.305299E-02	-3.230100E-01	-1.346222E-01	1.268560E-02	-5.068701E-03	0.0
21369	G	1.192225E-01	-3.238918E-01	-1.961087E-01	0.0	0.0	0.0
21383	G	-4.091673E-03	-4.726073E-01	1.422436E-01	1.001355E-02	1.389387E-03	-1.541690E-02
21387	G	2.477628E-02	-4.796361E-01	-1.328673E-01	1.200968E-02	-3.771120E-03	-1.549370E-02
21485	G	0.0	-4.922614E-01	2.342248E-02	1.247365E-02	0.0	0.0
21801	G	-4.784007E-03	1.666648E-01	1.397561E-01	0.0	0.0	0.0
21803	G	1.067093E-02	1.879112E-01	8.229542E-02	0.0	0.0	0.0
21807	G	2.902272E-02	1.881335E-01	-9.852695E-02	0.0	0.0	0.0
21809	G	4.421841E-02	1.875022E-01	-1.535518E-01	0.0	0.0	0.0
21821	G	-1.193532E-02	8.764845E-02	1.737715E-01	0.0	0.0	0.0
21823	G	9.170789E-03	8.839756E-02	9.602171E-02	0.0	0.0	0.0
21825	G	2.944840E-02	8.917493E-02	-8.160342E-03	0.0	0.0	0.0
21827	G	4.618586E-02	8.941031E-02	-1.101970E-01	0.0	0.0	0.0
21829	G	6.248217E-02	8.894616E-02	-1.887220E-01	0.0	0.0	0.0
22312	G	-5.316000E-03	1.596814E-01	1.331500E-01	0.0	0.0	0.0
22318	G	4.845775E-02	1.592308E-01	-1.562093E-01	0.0	0.0	0.0

22701	G	-8.994456E-03	1.930738E-01	1.295795E-01	0.0	0.0	0.0
22703	G	6.883413E-03	2.145920E-01	6.973702E-02	0.0	0.0	0.0
22707	G	2.846710E-02	2.161939E-01	-1.003130E-01	0.0	0.0	0.0
22709	G	4.501738E-02	1.946679E-01	-1.633536E-01	0.0	0.0	0.0
22721	G	-1.553905E-02	1.130336E-01	1.696857E-01	0.0	0.0	0.0
22723	G	8.892115E-03	1.134989E-01	9.114993E-02	0.0	0.0	0.0
22725	G	2.839294E-02	1.148021E-01	-1.524234E-02	0.0	0.0	0.0
22727	G	4.752114E-02	1.143251E-01	-1.239076E-01	0.0	0.0	0.0
22729	G	6.508374E-02	1.155101E-01	-1.967558E-01	0.0	0.0	0.0
23100	G	9.158355E-02	-5.733475E-02	-8.526659E-02	0.0	0.0	0.0
25001	G	-2.148507E-02	2.764127E-01	1.259677E-02	0.0	0.0	0.0
[illegible]	G	-8.638865E-03	2.977972E-01	-3.297272E-02	0.0	0.0	0.0
25007	G	3.717936E-02	2.903309E-01	-1.774074E-01	0.0	0.0	0.0
25009	G	6.289411E-02	2.690965E-01	-2.344518E-01	0.0	0.0	0.0
25021	G	-3.237683E-02	2.044478E-01	5.508054E-02	0.0	0.0	0.0
25025	G	2.456210E-02	1.985340E-01	-1.344022E-01	0.0	0.0	0.0
25029	G	8.444411E-02	1.889924E-01	-2.767914E-01	0.0	0.0	0.0
25041	G	-6.094946E-02	4.215989E-02	5.881752E-02	0.0	0.0	0.0
25045	G	0.0	2.797873E-02	-1.724343E-01	0.0	0.0	0.0
25049	G	7.671605E-02	1.409299E-02	-2.833083E-01	0.0	0.0	0.0
25061	G	-7.276100E-02	-8.372002E-02	5.439181E-02	0.0	0.0	0.0
25065	G	-1.716036E-02	-8.823222E-02	-2.207184E-01	0.0	0.0	0.0
25069	G	7.854497E-02	-9.127742E-02	-2.860168E-01	0.0	0.0	0.0
26801	G	-1.118684E-02	3.717740E-01	6.872773E-03	0.0	0.0	0.0
26809	G	4.143728E-02	3.752922E-01	-1.226482E-01	0.0	0.0	0.0
26821	G	-4.013890E-02	2.950019E-01	7.232583E-02	0.0	0.0	0.0
26825	G	2.054222E-02	2.971002E-01	-6.585354E-02	0.0	0.0	0.0
26829	G	8.418959E-02	2.974008E-01	-2.216187E-01	0.0	0.0	0.0
26841	G	-5.445075E-02	1.327227E-01	7.496595E-02	0.0	0.0	0.0
26845	G	0.0	1.362644E-01	-5.497094E-02	0.0	0.0	0.0
26849	G	6.893390E-02	1.406190E-01	-2.187379E-01	0.0	0.0	0.0
26861	G	-7.329684E-02	1.434409E-02	7.692027E-02	0.0	0.0	0.0
26865	G	-1.651254E-02	1.411319E-01	-3.797257E-02	0.0	0.0	0.0
26869	G	4.855786E-02	1.370979E-02	-2.087246E-01	0.0	0.0	0.0
29905	G	1.580710E-02	5.196661E-01	-5.420503E-02	0.0	0.0	0.0
29921	G	-3.029220E-02	4.781789E-01	6.352574E-02	0.0	0.0	0.0
29925	G	1.692098E-02	4.767349E-01	-5.415533E-02	0.0	0.0	0.0
29929	G	5.168198E-02	4.781789E-01	-1.794629E-01	0.0	0.0	0.0
29941	G	-5.347691E-02	3.418491E-01	8.670634E-02	0.0	0.0	0.0
29945	G	0.0	3.415604E-01	-5.505273E-02	0.0	0.0	0.0
29949	G	5.956581E-02	3.418467E-01	-1.960356E-01	0.0	0.0	0.0
29961	G	-4.827026E-02	2.064226E-01	6.615442E-02	0.0	0.0	0.0
29965	G	-1.075698E-02	2.046186E-01	-5.589624E-02	0.0	0.0	0.0
29969	G	3.624833E-02	2.064226E-01	-1.775512E-01	0.0	0.0	0.0
30045	G	2.214294E-03	3.403886E-01	5.515687E-02	9.914793E-03	-6.226539E-04	3.438510E-03
31745	G	2.162613E-04	3.827415E-01	-4.646280E-02	9.677965E-03	-3.533277E-04	2.398631E-03
33845	G	-1.618810E-03	4.034192E-01	-4.167226E-02	9.300496E-03	-1.350965E-04	6.890472E-04
35945	G	-3.446158E-03	3.787444E-01	-4.056963E-02	8.841705E-03	-9.108358E-06	-1.899879E-03
38045	G	-5.305618E-03	2.967080E-01	-4.059251E-02	8.213572E-03	-2.381804E-05	-4.859455E-03
40141	G	4.938675E-01	1.532091E-01	4.339679E-01	2.144377E-02	-2.534171E-04	-2.292257E-02
40142	G	2.700375E-01	1.532091E-01	2.246175E-01	1.761840E-02	-2.534171E-04	-1.884566E-02
40143	G	9.286553E-02	1.532091E-01	5.909865E-02	1.121772E-02	-2.534171E-04	-1.202408E-02
40145	G	-7.375292E-03	1.531769E-01	-3.817209E-02	7.359705E-03	-2.538618E-04	-7.757891E-03
40147	G	-1.080980E-01	1.532092E-01	-1.381181E-01	1.306419E-02	-2.548653E-04	-1.235686E-02
40148	G	-2.916882E-01	1.532092E-01	-3.392499E-01	2.195772E-02	-2.548653E-04	-1.960963E-02
40149	G	-5.252323E-01	1.532092E-01	-6.025005E-01	2.711316E-02	-2.548653E-04	-2.394493E-02
42245	G	-9.876922E-03	-6.339555E-02	-2.791732E-02	5.628489E-03	-7.641257E-04	-1.003804E-02
44345	G	-1.338636E-02	-2.772504E-01	-3.092040E-03	3.123385E-03	-1.654389E-03	-1.151650E-02
45245	G	-1.532469E-02	-3.846618E-01	1.426721E-02	1.608389E-03	-2.178846E-03	-1.173669E-02
46445	G	-1.827648E-02	-5.233811E-01	4.424804E-02	-5.843705E-04	-2.904906E-03	-1.151773E-02
48045	G	-6.699139E-02	-6.194816E-01	9.214038E-02	-9.150205E-03	-3.161933E-03	-9.360462E-03
48845	G	-9.535944E-02	-5.926703E-01	1.200619E-01	-1.534731E-02	-3.396236E-03	-7.996589E-03
49745	G	-1.260936E-01	-4.954168E-01	1.501450E-01	-2.237363E-02	-3.582063E-03	-6.763804E-03
50645	G	-1.580966E-01	-3.304054E-01	1.815629E-01	-2.970525E-02	-3.707591E-03	-6.514575E-03
51545	G	-1.913461E-01	-9.912473E-02	2.138956E-01	-3.773110E-02	-3.829046E-03	-6.786637E-03
52045	G	-2.260715E-01	2.231959E-01	2.332189E-01	-4.238033E-02	-3.898332E-03	-5.534802E-03

51912	G	-3.716446E-02	-1.473297E-01	1.833958E-01	1.116953E-03	4.982296E-04	-2.509889E-03
51913	G	-3.780569E-02	-1.458921E-01	1.833958E-01	1.116953E-03	4.982296E-04	3.266684E-04
51914	G	-3.840007E-02	-1.445596E-01	1.833958E-01	1.116953E-03	4.982296E-04	-2.856924E-05
51916	G	-4.641328E-02	-1.489214E-01	1.851122E-01	1.814706E-03	-7.959772E-04	7.864475E-03
51917	G	-4.561651E-02	-1.471049E-01	1.851122E-01	1.814706E-03	-7.959772E-04	-3.679437E-03
51918	G	-4.467009E-02	-1.449472E-01	1.851122E-01	1.814706E-03	-7.959772E-04	9.006169E-03
51922	G	-4.049512E-02	-1.750439E-01	2.031222E-01	-5.490873E-03	-3.931583E-04	-6.460298E-04
51923	G	-4.014913E-02	-1.798759E-01	2.031222E-01	-5.490873E-03	-3.931583E-04	1.982181E-03
51924	G	-3.983068E-02	-1.843235E-01	2.031222E-01	-5.490873E-03	-3.931583E-04	-5.845081E-04
51926	G	-4.286108E-02	-1.935022E-01	2.024320E-01	-6.534133E-03	4.656480E-04	-2.905473E-03
51927	G	-4.317772E-02	-1.979454E-01	2.024320E-01	-6.534133E-03	4.656480E-04	4.709233E-03
51928	G	-4.365268E-02	-2.046102E-01	2.024320E-01	-6.534133E-03	4.656480E-04	-3.282089E-03
51934	G	-4.275413E-02	-2.180865E-01	1.913078E-01	-5.847026E-03	1.230840E-03	-2.266676E-03
51935	G	-4.354187E-02	-2.218286E-01	1.913078E-01	-5.847026E-03	1.230840E-03	1.862184E-03
51936	G	-4.440345E-02	-2.259216E-01	1.913078E-01	-5.847026E-03	1.230840E-03	-4.014645E-03
52211	G	-3.782851E-02	-1.194364E-01	1.738834E-01	0.0	0.0	0.0
52213	G	-3.734553E-02	-1.399697E-01	1.738702E-01	-5.242262E-03	2.143695E-03	1.652300E-04
52217	G	-3.652593E-02	-1.558161E-01	1.720808E-01	-7.206511E-03	1.695643E-03	-3.165542E-03
52219	G	-3.626663E-02	-1.774369E-01	1.721637E-01	0.0	0.0	0.0
52221	G	-3.729276E-02	-1.545134E-01	1.767076E-01	-1.326674E-02	-5.160442E-04	-7.200451E-04
52224	G	-3.661091E-02	-1.765760E-01	1.764382E-01	-8.949336E-03	4.820707E-04	-5.992723E-04
52226	G	-3.522507E-02	-2.000698E-01	1.755956E-01	-8.136310E-03	2.206277E-03	-2.730476E-03
52229	G	-3.458058E-02	-2.146496E-01	1.755356E-01	-1.140677E-02	-2.462390E-03	-2.792606E-03
52231	G	-3.373737E-02	-2.181431E-01	1.765591E-01	-1.295983E-03	2.812824E-03	-1.867493E-03
52239	G	-3.279234E-02	-2.283068E-01	1.764179E-01	-4.582595E-03	5.614701E-04	-3.581817E-03
52811	G	-3.132294E-02	-1.206802E-01	1.273311E-01	0.0	0.0	0.0
52819	G	-2.548777E-02	-1.743745E-01	1.264294E-01	0.0	0.0	0.0
52821	G	-3.131744E-02	-1.516679E-01	1.304923E-01	0.0	0.0	0.0
52829	G	-2.411918E-02	-2.160855E-01	1.310918E-01	0.0	0.0	0.0
52831	G	-2.433520E-02	-2.164026E-01	1.457410E-01	0.0	0.0	0.0
52839	G	-2.213432E-02	-2.301087E-01	1.457678E-01	0.0	0.0	0.0
53411	G	-2.283368E-02	-1.140385E-01	8.026516E-02	0.0	0.0	0.0
53419	G	-1.764410E-02	-1.831666E-01	8.044803E-02	0.0	0.0	0.0
53421	G	-2.338229E-02	-1.474404E-01	8.635545E-02	0.0	0.0	0.0
53429	G	-1.870167E-02	-2.186366E-01	8.616054E-02	0.0	0.0	0.0
53431	G	-1.591435E-02	-2.138011E-01	1.045043E-01	0.0	0.0	0.0
53439	G	-1.294024E-02	-2.307485E-01	1.044557E-01	0.0	0.0	0.0
54211	G	-1.794085E-02	-1.042074E-01	-8.803450E-03	0.0	0.0	0.0
54219	G	-9.470381E-03	-1.896090E-01	-7.793810E-03	0.0	0.0	0.0
54221	G	-1.725104E-02	-1.390535E-01	5.059663E-03	0.0	0.0	0.0
54229	G	-4.309662E-03	-2.216962E-01	4.980683E-03	-1.109312E-02	-1.340427E-03	-3.387888E-03
54231	G	-6.776884E-03	-2.073988E-01	3.047531E-02	0.0	0.0	0.0
54239	G	-2.348463E-03	-2.292689E-01	3.041364E-02	0.0	0.0	0.0
65011	G	-2.126278E-02	-9.449565E-02	-1.240760E-01	0.0	0.0	0.0
65019	G	-7.654257E-03	-1.873906E-01	-1.230219E-01	0.0	0.0	0.0
65021	G	-1.709313E-02	-1.286137E-01	-9.917104E-02	0.0	0.0	0.0
65029	G	-2.877414E-04	-2.233430E-01	-9.823018E-02	0.0	0.0	0.0
65031	G	-3.445842E-03	-1.975745E-01	-6.733876E-02	0.0	0.0	0.0
65039	G	2.465098E-03	-2.243741E-01	-6.740326E-02	0.0	0.0	0.0
65911	G	-2.923805E-02	-8.907312E-02	-2.631689E-01	0.0	0.0	0.0
65919	G	-9.675439E-03	-1.744335E-01	-2.663701E-01	0.0	0.0	0.0
65921	G	-2.307155E-02	-1.259269E-01	-2.300667E-01	0.0	0.0	0.0
65929	G	-1.761745E-03	-2.215982E-01	-2.305921E-01	-1.739496E-02	-4.093722E-03	-5.396578E-03
65931	G	-7.273071E-03	-1.856117E-01	-1.888649E-01	0.0	0.0	0.0
65939	G	2.610493E-04	-2.146016E-01	-1.887770E-01	0.0	0.0	0.0
71912	G	9.462559E-02	-1.525270E-01	-3.040561E-02	1.054632E-03	-1.088416E-04	4.147854E-03
71913	G	9.476564E-02	-1.511697E-01	-3.040561E-02	1.054632E-03	-1.088416E-04	3.639889E-03
71914	G	9.489554E-02	-1.499115E-01	-3.040561E-02	1.054632E-03	-1.088416E-04	7.124115E-03
71916	G	9.943843E-02	-1.427880E-01	-3.440477E-02	2.142310E-03	4.231445E-04	6.887354E-03
71917	G	9.901488E-02	-1.406435E-01	-3.440477E-02	2.142310E-03	4.231445E-04	-3.967319E-03
71918	G	9.851176E-02	-1.380963E-01	-3.440477E-02	2.142310E-03	4.231445E-04	7.447720E-03
71922	G	1.010973E-01	-1.897501E-01	-1.615125E-02	5.972136E-03	2.864796E-03	4.304480E-04
71923	G	9.857631E-02	-1.844947E-01	-1.615125E-02	5.972136E-03	2.864796E-03	2.039936E-03
71924	G	9.625584E-02	-1.796572E-01	-1.615125E-02	5.972136E-03	2.864796E-03	1.497740E-03
71926	G	8.972907E-02	-1.765543E-01	-1.531222E-02	3.757104E-03	1.315610E-03	-2.447756E-03
71927	G	8.883446E-02	-1.739995E-01	-1.531222E-02	3.757104E-03	1.315610E-03	4.032541E-03

71928	G	8.749259E-02	-1.701673E-01	-1.531222E-02	3.757104E-03	1.315610E-03	-3.856961E-03
71934	G	8.365168E-02	-2.021826E-01	-1.852413E-01	-1.380331E-02	3.128579E-03	-1.424082E-03
71935	G	8.164930E-02	-2.113167E-01	-1.852413E-01	-1.380331E-02	3.128579E-03	-2.227273E-03
71936	G	7.945931E-02	-2.206790E-01	-1.852413E-01	-1.380331E-02	3.128579E-03	-2.374144E-03
72211	G	1.083831E-01	-1.367034E-01	-2.188843E-02	0.0	0.0	0.0
72213	G	1.039273E-01	-1.463423E-01	-2.163071E-02	-4.027372E-03	-2.946348E-03	2.474911E-03
72217	G	8.884272E-02	-1.476240E-01	-2.033525E-02	-6.985072E-03	-2.259237E-03	-3.260321E-03
72219	G	8.553259E-02	-1.605654E-01	-2.034713E-02	0.0	0.0	0.0
72221	G	1.085570E-01	-1.686409E-01	-4.069398E-02	-9.783037E-03	1.016939E-02	-4.707996E-04
72224	G	9.973603E-02	-1.742948E-01	-4.057469E-02	1.396669E-03	-1.983945E-03	1.310423E-03
72226	G	8.299410E-02	-1.807081E-01	-3.981056E-02	1.583173E-03	1.598365E-04	-2.352324E-03
72229	G	7.637161E-02	-1.813316E-01	-3.950336E-02	-4.685514E-03	7.126771E-03	-2.923125E-03
72231	G	8.157635E-02	-1.992665E-01	-1.206410E-01	-7.383040E-03	2.077103E-03	-1.158762E-03
72239	G	7.262540E-02	-2.194538E-01	-1.208925E-01	-2.355894E-02	3.574810E-03	-2.085611E-03
72811	G	1.041854E-01	-1.374416E-01	-1.826096E-03	0.0	0.0	0.0
72819	G	7.777661E-02	-1.601789E-01	-4.569995E-04	0.0	0.0	0.0
72821	G	1.004540E-01	-1.646208E-01	-2.617108E-02	0.0	0.0	0.0
72829	G	7.117122E-02	-1.881366E-01	-2.664933E-02	0.0	0.0	0.0
72831	G	7.801646E-02	-1.983498E-01	-8.168793E-02	0.0	0.0	0.0
72839	G	6.976372E-02	-2.134552E-01	-8.152443E-02	0.0	0.0	0.0
73411	G	9.508127E-02	-1.357265E-01	1.621310E-02	0.0	0.0	0.0
73419	G	7.386559E-02	-1.687781E-01	1.598516E-02	0.0	0.0	0.0
73421	G	9.120226E-02	-1.604993E-01	-9.225171E-03	0.0	0.0	0.0
73429	G	6.751877E-02	-1.935593E-01	-8.975782E-03	0.0	0.0	0.0
73431	G	7.333112E-02	-1.973187E-01	-5.136329E-02	0.0	0.0	0.0
73439	G	6.662160E-02	-2.098867E-01	-5.092101E-02	0.0	0.0	0.0
74211	G	8.786857E-02	-1.314640E-01	5.630957E-02	0.0	0.0	0.0
74219	G	7.200843E-02	-1.768622E-01	5.544194E-02	0.0	0.0	0.0
74221	G	8.430398E-02	-1.527815E-01	3.284504E-02	0.0	0.0	0.0
74229	G	6.573313E-02	-1.996254E-01	3.285273E-02	-6.287843E-03	2.370288E-03	-2.388541E-03
74231	G	7.020128E-02	-1.919516E-01	-7.332312E-04	0.0	0.0	0.0
74239	G	6.445348E-02	-2.067642E-01	-6.379157E-04	0.0	0.0	0.0
75011	G	8.779657E-02	-1.258835E-01	1.168411E-01	0.0	0.0	0.0
75019	G	7.621175E-02	-1.785948E-01	1.161054E-01	0.0	0.0	0.0
75021	G	8.404326E-02	-1.432766E-01	9.659678E-02	0.0	0.0	0.0
75029	G	7.065558E-02	-2.036801E-01	9.576380E-02	0.0	0.0	0.0
75031	G	7.334369E-02	-1.832304E-01	7.094210E-02	0.0	0.0	0.0
75039	G	6.858599E-02	-2.023800E-01	7.100713E-02	0.0	0.0	0.0
75911	G	9.171492E-02	-1.224223E-01	1.956969E-01	0.0	0.0	0.0
75919	G	8.366066E-02	-1.719159E-01	1.975632E-01	0.0	0.0	0.0
75921	G	9.079266E-02	-1.400793E-01	1.854337E-01	0.0	0.0	0.0
75929	G	8.167475E-02	-2.038540E-01	1.866410E-01	-1.159551E-02	1.249711E-03	-3.654349E-03
75931	G	8.349204E-02	-1.734124E-01	1.640157E-01	0.0	0.0	0.0
75939	G	7.939798E-02	-1.946746E-01	1.6[illegible]789E-01	0.0	0.0	0.0
122400	G	-3.259884E-01	1.878507E-01	-5.782722E-01	7.759791E-03	-1.615042E-02	-6.526098E-03
123467	G	5.923259E-02	-1.833199E-01	-2.339947E-01	0.0	0.0	0.0
123487	G	-3.192817E-01	1.557712E-01	-4.909091E-01	0.0	0.0	0.0
124800	G	-3.259884E-01	3.187705E-02	-1.922772E-01	7.759791E-03	-1.615042E-02	-6.526098E-03
125063	G	-6.180562E-02	-8.872002E-02	1.849090E-04	0.0	0.0	0.0
125065	G	-5.717069E-03	-8.823222E-02	-2.285260E-01	0.0	0.0	0.0
125067	G	5.968748E-02	-9.127742E-02	-2.360168E-01	0.0	0.0	0.0
125383	G	-1.596020E-01	4.027901E-02	-1.522994E-02	0.0	0.0	0.0
125387	G	-3.127173E-01	4.027901E-02	-1.972901E-01	0.0	0.0	0.0
126863	G	-5.486404E-02	1.434409E-02	3.962478E-02	0.0	0.0	0.0
126867	G	2.743529E-02	1.370979E-02	-1.532966E-01	0.0	0.0	0.0
127200	G	-3.259884E-01	-1.299701E-01	2.082531E-01	7.759791E-03	-1.615042E-02	-6.526098E-03
189073	G	9.685439E-02	-3.315158E-01	-8.489084E-02	-2.370567E-02	4.004762E-04	-3.554177E-03
189077	G	8.888494E-03	-3.315158E-01	5.018245E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
200070	G	4.983983E-02	-5.467229E-01	2.044380E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
200078	G	5.287144E-02	-3.672709E-01	2.044380E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
200079	G	5.349303E-02	-3.321388E-01	2.053652E-01	-2.376869E-02	4.393000E-04	-3.554177E-03
200086	G	5.907190E-02	-1.439006E-01	2.065908E-01	-2.565451E-02	7.415209E-04	-3.554177E-03
200087	G	5.729723E-02	-1.601155E-01	2.065908E-01	-2.379632E-02	6.135560E-04	-3.554177E-03
200095	G	6.481338E-02	6.885481E-02	2.084448E-01	-2.252837E-02	5.462074E-04	-3.554177E-03
200096	G	6.355574E-02	5.050623E-02	2.084448E-01	-2.411734E-02	7.512758E-04	-3.554177E-03
200101	G	6.771469E-02	1.874159E-01	2.096474E-01	-1.906725E-02	5.286031E-04	-3.554177E-03

200106	G	7.048285E-02	2.777182E-01	2.119039E-01	-1.462449E-02	4.369377E-04	-3.554177E-03
200114	G	7.173049E-02	3.031564E-01	2.152942E-01	-6.613828E-03	-1.700585E-04	-3.554177E-03
200121	G	6.802595E-02	3.832030E-01	2.182636E-01	9.759907E-04	-9.228862E-04	-3.554177E-03
200129	G	5.702794E-02	3.423080E-01	2.216599E-01	8.892752E-03	-1.789169E-03	-3.554177E-03
200137	G	3.994836E-02	2.465993E-01	2.216598E-01	1.467941E-02	-2.430782E-03	-3.554177E-03
200145	G	1.879321E-02	1.134732E-01	2.216598E-01	1.820264E-02	-2.825726E-03	-3.554177E-03
200153	G	-3.788334E-03	-3.361274E-02	2.216502E-01	1.933020E-02	-2.952121E-03	-3.554177E-03
200155	G	-1.031250E-02	-7.633227E-02	2.216502E-01	1.933020E-02	-2.952121E-03	-3.554177E-03
211001	G	1.025761E-02	-5.663041E-02	3.632632E-02	-3.042603E-02	-3.325637E-03	-3.245662E-03
211002	G	-7.077873E-02	-5.222755E-02	-1.130374E-02	-2.750754E-02	5.185150E-03	-2.158654E-03
211073	G	4.685439E-02	-4.089258E-01	-9.361321E-02	-2.370567E-02	4.004762E-04	-3.554177E-03
211077	G	8.888494E-03	-4.089258E-01	4.931021E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
214075	G	5.287144E-02	-4.188064E-01	1.986311E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
214901	G	1.025761E-02	-1.846069E-01	1.674567E-01	-3.042603E-02	-3.325637E-03	-3.245662E-03
214902	G	-7.077873E-02	-1.373433E-01	-2.157543E-01	-2.750754E-02	5.185150E-03	-2.158654E-03
215101	G	-1.165227E-02	2.549214E-01	-9.497315E-02	-1.358850E-02	-7.120688E-04	-1.334166E-03
215102	G	6.554484E-02	2.695520E-01	8.127953E-03	-1.189575E-02	7.371008E-03	1.557885E-03
215201	G	2.091185E-02	2.871323E-01	-1.774644E-01	4.018430E-03	1.733179E-03	-2.927622E-03
215202	G	1.022564E-01	2.883030E-01	6.904459E-02	4.636522E-03	5.483888E-03	-1.223140E-03
222001	G	1.095273E-02	-4.676672E-01	3.252891E-01	-3.697709E-02	4.049637E-04	-2.426457E-03
222002	G	-7.130653E-02	-4.342066E-01	-3.115519E-01	-3.469668E-02	1.944035E-04	-1.899078E-03
222201	G	5.296335E-02	1.159740E-01	-2.408225E-02	-1.911753E-02	2.808462E-03	9.127262E-04
222202	G	-5.302584E-02	1.136375E-01	1.232979E-02	-1.811128E-02	8.658615E-04	2.655114E-03
222301	G	4.845775E-02	1.592308E-01	-1.562093E-01	4.007857E-03	2.624579E-03	1.496602E-03
222302	G	-5.316000E-03	1.596814E-01	1.331500E-01	4.271489E-03	1.441299E-03	2.530620E-03
223401	G	1.095273E-02	-5.029721E-01	3.193969E-01	-3.697709E-02	4.049637E-04	-2.426457E-03
223402	G	-7.130653E-02	-4.618392E-01	-3.143805E-01	-3.469668E-02	1.944035E-04	-1.899078E-03
520018	G	-2.160519E-01	2.231969E-01	1.571542E-01	-4.215544E-02	-3.898332E-03	-5.618565E-03
520024	G	-2.125709E-01	2.231969E-01	1.310202E-01	-4.214383E-02	-3.898332E-03	-5.606510E-03
520057	G	-1.957397E-01	2.232115E-01	-1.059030E-02	-4.627342E-02	-3.898332E-03	-4.043285E-03
520065	G	-1.930606E-01	2.232149E-01	-4.682828E-02	-4.920262E-02	-3.898332E-03	-2.963046E-03
520069	G	-1.920674E-01	2.232165E-01	-6.531.13E-02	-5.072926E-02	-3.898332E-03	-2.395852E-03
520079	G	-1.903478E-01	2.232496E-01	-1.224405E-01	-5.496009E-02	-3.898332E-03	-8.318441E-04
520135	G	-2.097040E-01	2.234844E-01	-4.944287E-01	-7.428950E-02	-3.898332E-03	6.170202E-03
520139	G	-2.122759E-01	2.235063E-01	-5.250126E-01	-7.486635E-02	-3.898332E-03	6.362952E-03
520152	G	-2.208240E-01	2.235757E-01	-6.237402E-01	-7.561362E-02	-3.898332E-03	6.606396E-03
520185	G	-2.426118E-01	2.235757E-01	-8.731133E-01	-7.561362E-02	-3.898332E-03	6.606396E-03

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 5.673557E 04

REAL EIGENVECTOR NO. 30

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	3.711207E-02	3.069146E-01	3.131944E-01	0.0	0.0	0.0
3339	G	-2.105616E-03	3.075097E-01	3.515730E-01	0.0	0.0	0.0
3341	G	-2.244948E-04	5.407354E-01	2.448804E-01	0.0	0.0	0.0
3349	G	1.167786E-01	5.390736E-01	4.152443E-01	0.0	0.0	0.0
4631	G	6.140973E-02	2.356409E-01	1.707957E-01	0.0	0.0	0.0
4633	G	3.458818E-02	2.287426E-01	1.877344E-01	0.0	0.0	0.0
4637	G	-3.793401E-02	2.285478E-01	3.117572E-01	0.0	0.0	0.0
4639	G	-2.688325E-02	2.560287E-01	3.283806E-01	0.0	0.0	0.0
4641	G	9.005702E-02	3.109000E-01	1.645120E-01	0.0	0.0	0.0
4649	G	2.044439E-02	3.122295E-01	3.357093E-01	0.0	0.0	0.0
4661	G	9.463429E-02	3.672960E-01	1.929275E-01	0.0	0.0	0.0
4669	G	1.201779E-01	3.699247E-01	3.181078E-01	0.0	0.0	0.0
6123	G	2.194153E-02	1.431571E-01	1.385285E-01	0.0	0.0	0.0
6127	G	-9.388018E-02	1.434766E-01	1.503919E-01	0.0	0.0	0.0
6131	G	5.535559E-02	1.531616E-01	1.210121E-01	0.0	0.0	0.0
6133	G	3.824828E-02	1.527933E-01	1.404676E-01	0.0	0.0	0.0
6137	G	-3.411439E-02	1.538658E-01	1.482303E-01	0.0	0.0	0.0
6139	G	-5.330702E-02	1.547379E-01	1.710866E-01	0.0	0.0	0.0
6141	G	8.966154E-02	2.038965E-01	1.115038E-01	0.0	0.0	0.0
6143	G	6.198908E-02	2.039903E-01	1.465636E-01	0.0	0.0	0.0
6147	G	2.124742E-02	2.152909E-01	1.434479E-01	0.0	0.0	0.0
6149	G	-8.413688E-03	2.151717E-01	1.810252E-01	0.0	0.0	0.0
6161	G	1.081216E-01	2.522959E-01	1.330128E-01	0.0	0.0	0.0
6163	G	7.915139E-02	2.525483E-01	1.496592E-01	0.0	0.0	0.0
6167	G	5.992387E-02	2.677698E-01	1.414292E-01	0.0	0.0	0.0
6169	G	2.936192E-02	2.671943E-01	1.869086E-01	0.0	0.0	0.0
6171	G	9.824693E-02	4.074708E-01	1.751763E-01	0.0	0.0	0.0
6179	G	1.722187E-01	4.061965E-01	2.229357E-01	0.0	0.0	0.0
7031	G	5.607240E-02	1.145377E-01	0.0	0.0	0.0	0.0
7033	G	3.615295E-02	1.143684E-01	1.250575E-01	0.0	0.0	0.0
7037	G	-3.046239E-02	1.143684E-01	7.065445E-02	0.0	0.0	0.0
7039	G	-5.088335E-02	1.141522E-01	0.0	0.0	0.0	0.0
7043	G	8.368268E-02	0.0	1.192720E-01	0.0	0.0	0.0
7047	G	2.182589E-02	0.0	7.157940E-02	0.0	0.0	0.0
7061	G	1.142236E-01	1.889282E-01	-1.841385E-02	0.0	0.0	0.0
7063	G	8.666492E-02	1.889282E-01	1.173726E-01	0.0	0.0	0.0
7067	G	6.220878E-02	2.140830E-01	7.163715E-02	0.0	0.0	0.0
7069	G	2.105263E-02	2.134079E-01	6.727576E-02	0.0	0.0	0.0
7071	G	1.337521E-01	0.0	-5.466804E-02	0.0	0.0	0.0
7079	G	3.580428E-02	0.0	7.379045E-02	0.0	0.0	0.0
7505	G	-9.961449E-02	1.394929E-01	6.568366E-02	2.720151E-03	6.830648E-03	-3.330767E-03
8300	G	1.991017E-01	2.428112E-03	1.073754E-02	0.0	0.0	0.0
8531	G	6.100306E-02	6.536627E-02	0.0	0.0	0.0	0.0
8533	G	3.615295E-02	6.617224E-02	2.621905E-02	0.0	0.0	0.0
8537	G	-3.046239E-02	6.617224E-02	-2.818497E-02	0.0	0.0	0.0
8539	G	-4.750179E-02	6.512803E-02	0.0	0.0	0.0	0.0
8543	G	6.370544E-02	0.0	2.796233E-02	0.0	0.0	0.0
8547	G	1.994368E-02	0.0	-2.872998E-02	0.0	0.0	0.0
8561	G	1.179697E-01	1.075768E-01	-5.250098E-02	0.0	0.0	0.0
8563	G	8.701748E-02	1.086189E-01	-2.859246E-02	0.0	0.0	0.0
8567	G	5.836268E-02	9.931082E-02	-2.880316E-02	0.0	0.0	0.0
8569	G	1.076136E-02	9.931092E-02	-4.430503E-02	0.0	0.0	0.0
8571	G	1.106772E-01	0.0	-8.031923E-02	0.0	0.0	0.0
8579	G	1.959744E-02	0.0	-4.332468E-02	0.0	0.0	0.0
9303	G	7.917380E-02	1.614595E-02	-2.890212E-02	0.0	0.0	0.0
9307	G	4.818731E-02	1.502926E-02	-1.144366E-01	0.0	0.0	0.0

9313	G	6.792426E-02	5.533346E-03	-2.840903E-02	0.0	0.0	0.0
9317	G	-1.043672E-01	-2.977705E-05	-1.153405E-01	0.0	0.0	0.0
9331	G	6.445205E-02	3.504053E-02	-3.343298E-02	0.0	0.0	0.0
9333	G	3.924974E-02	3.485126E-02	-2.843213E-02	0.0	0.0	0.0
9337	G	-2.194157E-02	3.481509E-02	-8.670044E-02	0.0	0.0	0.0
9339	G	-4.313926E-02	3.714654E-02	-8.225352E-02	0.0	0.0	0.0
9341	G	0.0	3.503254E-02	-1.364365E-02	0.0	0.0	0.0
9343	G	5.921450E-02	3.574589E-02	-3.118181E-02	0.0	0.0	0.0
9347	G	1.825577E-02	3.553940E-02	-9.221554E-02	0.0	0.0	0.0
9349	G	0.0	3.484830E-02	-9.222382E-02	0.0	0.0	0.0
9361	G	1.066548E-01	2.811011E-02	-3.989208E-02	0.0	0.0	0.0
9363	G	7.363504E-02	2.756206E-02	-3.565519E-02	0.0	0.0	0.0
9367	G	4.578675E-02	2.287826E-02	-9.853929E-02	0.0	0.0	0.0
9369	G	7.410597E-03	2.262533E-02	-9.748757E-02	0.0	0.0	0.0
9371	G	9.924150E-02	1.815808E-02	-3.736163E-02	0.0	0.0	0.0
9373	G	0.0	1.596737E-02	-1.670065E-02	0.0	0.0	0.0
9377	G	0.0	1.161113E-02	-8.276474E-02	0.0	0.0	0.0
9379	G	2.714622E-02	1.222822E-02	-1.023239E-01	0.0	0.0	0.0
11300	G	3.035692E-02	-2.677882E-01	1.100491E-01	0.0	0.0	0.0
11503	G	3.618135E-02	-8.667028E-02	0.0	0.0	0.0	0.0
11507	G	6.972574E-03	-8.667028E-02	0.0	0.0	0.0	0.0
11531	G	5.688418E-02	-1.696319E-02	0.0	0.0	0.0	0.0
11533	G	4.684575E-02	-1.687075E-02	-3.179919E-02	0.0	0.0	0.0
11537	G	7.617674E-03	-1.601726E-02	-1.214602E-01	0.0	0.0	0.0
11539	G	-1.031996E-02	-1.577002E-02	0.0	0.0	0.0	0.0
11543	G	5.355276E-02	-1.212389E-02	-3.179431E-02	0.0	0.0	0.0
11547	G	1.565994E-02	-1.212389E-02	-1.216002E-01	0.0	0.0	0.0
11561	G	7.912719E-02	-4.075596E-02	-2.371947E-02	0.0	0.0	0.0
11563	G	5.646335E-02	-4.097791E-02	-3.169806E-02	0.0	0.0	0.0
11567	G	2.756998E-02	-6.284922E-02	-1.213021E-01	0.0	0.0	0.0
11569	G	1.523736E-02	-6.251377E-02	-1.114468E-01	0.0	0.0	0.0
11571	G	6.887835E-02	0.0	-3.698389E-02	0.0	0.0	0.0
11579	G	-4.622665E-05	0.0	-1.143118E-01	0.0	0.0	0.0
11700	G	1.229369E-02	-3.491573E-01	-5.412335E-01	0.0	0.0	0.0
13500	G	1.874813E-02	-9.438747E-02	-4.578e33E-02	0.0	0.0	0.0
13801	G	-1.960785E-03	-2.495814E-02	-4.625715E-03	0.0	0.0	0.0
13803	G	1.707535E-02	-2.531341E-02	-9.065636E-03	0.0	0.0	0.0
13807	G	1.075585E-01	-2.740058E-02	-1.104420E-01	0.0	0.0	0.0
13809	G	1.196969E-01	-2.487135E-02	-1.082316E-01	0.0	0.0	0.0
13821	G	-7.306993E-03	-3.076929E-02	-3.364530E-03	0.0	0.0	0.0
13823	G	2.490056E-02	-3.094468E-02	-1.174126E-02	0.0	0.0	0.0
13827	G	6.651926E-02	-2.981029E-02	-9.818941E-02	0.0	0.0	0.0
13829	G	8.922118E-02	-2.904938E-02	-1.084592E-01	0.0	0.0	0.0
13831	G	4.615045E-02	-4.247465E-02	-4.731413E-03	0.0	0.0	0.0
13833	G	4.219685E-02	-4.341362E-02	-1.424690E-02	0.0	0.0	0.0
13837	G	2.654742E-02	-4.366368E-02	-9.015036E-02	0.0	0.0	0.0
13839	G	1.523864E-02	-4.298590E-02	-1.065255E-01	0.0	0.0	0.0
13841	G	0.0	-5.935467E-02	-7.632472E-03	0.0	0.0	0.0
13843	G	4.638642E-02	-5.929014E-02	-1.516481E-02	0.0	0.0	0.0
13847	G	1.827911E-02	-5.960689E-02	-8.750325E-02	0.0	0.0	0.0
13848	G	1.887933E-02	-6.236456E-02	-9.002523E-02	0.0	0.0	0.0
13849	G	0.0	-6.192204E-02	-1.038522E-01	0.0	0.0	0.0
13861	G	5.073911E-02	-6.736428E-02	-8.849621E-03	0.0	0.0	0.0
13863	G	5.040025E-02	-6.761786E-02	-1.531342E-02	0.0	0.0	0.0
13867	G	1.558875E-02	-7.853645E-02	-9.105325E-02	0.0	0.0	0.0
13869	G	2.725093E-02	-7.842797E-02	-9.844351E-02	0.0	0.0	0.0
13871	G	3.751742E-02	0.0	-7.284436E-03	0.0	0.0	0.0
13879	G	-1.765952E-02	0.0	-1.033455E-01	0.0	0.0	0.0
14801	G	-1.960785E-03	1.998979E-02	-3.366780E-03	0.0	0.0	0.0
14803	G	2.278784E-02	2.185905E-02	-1.526731E-02	0.0	0.0	0.0
14807	G	9.836245E-02	2.223635E-02	-5.609075E-02	0.0	0.0	0.0
14809	G	1.196969E-01	2.042886E-02	-6.665230E-02	0.0	0.0	0.0
14821	G	-5.710129E-03	4.435536E-03	1.562456E-03	0.0	0.0	0.0
14823	G	2.417470E-02	5.342942E-03	-1.526731E-02	0.0	0.0	0.0
14827	G	6.659734E-02	7.082446E-03	-5.609075E-02	0.0	0.0	0.0
14829	G	8.721590E-02	6.756134E-03	-7.101458E-02	0.0	0.0	0.0

18661	G	4.366049E-02	5.035769E-02	1.179737E-01	4.292643E-04	8.510957E-05	-3.605405E-03
18662	G	3.730419E-02	4.986484E-02	1.156148E-01	1.337131E-03	-1.934022E-04	-2.798948E-03
18663	G	2.814161E-02	4.330707E-02	1.112918E-01	2.297716E-03	-4.711465E-04	-2.482773E-03
18664	G	1.808594E-02	4.778330E-02	1.042634E-01	0.0	0.0	-6.914830E-04
18665	G	1.791244E-02	4.692395E-02	9.738769E-02	0.0	0.0	5.172952E-04
18666	G	2.275082E-02	4.652566E-02	8.911431E-02	0.0	0.0	1.039576E-03
18667	G	2.934981E-02	4.668011E-02	8.108240E-02	2.363916E-03	6.459559E-05	8.446721E-04
18668	G	3.205191E-02	4.705527E-02	7.578921E-02	1.617100E-03	9.431447E-05	6.809682E-04
18669	G	3.294360E-02	4.738067E-02	7.335991E-02	-9.052642E-05	1.241155E-04	2.208807E-04
18681	G	4.192363E-03	2.223924E-02	1.194636E-01	0.0	0.0	0.0
18683	G	2.331372E-02	2.180340E-02	1.138747E-01	2.297716E-03	-3.591119E-04	2.980910E-04
18685	G	2.406071E-02	1.927408E-02	9.670573E-02	0.0	0.0	0.0
18687	G	3.069149E-02	1.838433E-02	8.204883E-02	2.363916E-03	1.597625E-04	2.980910E-04
18689	G	2.182735E-02	1.852059E-02	7.096785E-02	0.0	0.0	0.0
18983	G	2.575091E-02	2.150740E-02	1.102203E-01	0.0	1.007[illegible]E-03	-4.152076E-04
18987	G	3.243983E-02	1.788390E-02	7.808381E-02	0.0	2.341352E-03	-5.339454E-04
19741	G	4.513404E-02	3.830748E-02	1.543135E-01	-6.546740E-03	8.357181E-04	5.669949E-04
19742	G	4.830022E-02	3.927550E-02	1.996872E-01	-5.677730E-03	3.686505E-04	3.684172E-04
19743	G	4.867810E-02	4.237399E-02	2.144752E-01	0.0	4.872312E-04	-1.239929E-05
19745	G	4.417076E-02	5.822990E-02	2.354392E-01	0.0	0.0	-1.029965E-03
19747	G	3.388174E-02	7.265168E-02	1.883903E-01	0.0	1.682655E-03	-1.472418E-03
19748	G	3.065488E-02	7.487839E-02	1.650156E-01	9.645529E-03	1.839524E-03	-1.495040E-03
19749	G	2.056189E-02	6.967345E-02	9.522534E-02	8.283284E-03	1.904303E-03	-1.440294E-03
19751	G	5.089125E-02	5.609904E-02	1.551698E-01	-7.347994E-03	9.195339E-04	-1.722456E-04
19752	G	5.191704E-02	5.361755E-02	1.992269E-01	-4.379116E-03	7.218306E-04	2.869756E-04
19756	G	4.413081E-02	4.915735E-02	1.648736E-01	8.494873E-03	1.752832E-03	-1.223268E-03
19759	G	3.447685E-02	5.098338E-02	9.591740E-02	8.178962E-03	2.388632E-03	-1.343392E-03
19761	G	5.321916E-02	6.654197E-02	1.552405E-01	-5.162291E-03	9.537018E-04	8.410373E-04
19762	G	5.386953E-02	6.231380E-02	1.990749E-01	-5.961169E-03	8.135254E-04	8.602573E-04
19763	G	5.404987E-02	5.995630E-02	2.122301E-01	0.0	6.228236E-04	7.556507E-04
19765	G	5.385492E-02	4.654513E-02	2.470541E-01	0.0	0.0	-1.805703E-04
19767	G	5.030590E-02	3.410098E-02	1.857098E-01	0.0	1.666515E-03	-7.714552E-04
19768	G	4.839834E-02	3.241744E-02	1.648617E-01	9.179618E-03	1.720099E-03	-9.903780E-04
19769	G	4.063189E-02	2.968400E-02	9.590000E-02	8.933675E-03	2.542150E-03	-1.030337E-03
21183	G	3.304927E-02	-1.845082E-02	3.578565E-02	0.0	1.600372E-03	-2.951896E-03
21187	G	3.799836E-02	-2.869857E-02	-5.274173E-02	0.0	3.781854E-03	-3.246157E-03
21321	G	2.645718E-02	1.499353E-01	3.411932E-02	0.0	0.0	0.0
21323	G	2.960546E-02	1.482751E-01	1.513973E-02	0.0	0.0	0.0
21325	G	3.129441E-02	1.474807E-01	-1.871350E-02	0.0	0.0	0.0
21327	G	3.044744E-02	1.467605E-01	-5.816679E-02	0.0	0.0	0.0
21329	G	2.420618E-02	1.465155E-01	-8.907986E-02	0.0	0.0	0.0
21341	G	3.853861E-02	4.830421E-02	4.339620E-02	3.319593E-03	2.161574E-03	-3.907899E-04
21343	G	3.659895E-02	4.947300E-02	2.778206E-02	0.0	2.204181E-03	-3.117751E-04
21345	G	3.373145E-02	5.306659E-02	-1.321300E-02	0.0	2.971216E-03	-3.304377E-04
21347	G	2.472537E-02	5.637337E-02	-6.101925E-02	0.0	3.738251E-03	-1.334870E-03
21349	G	1.674560E-02	5.732314E-02	-8.657873E-02	2.843153E-03	3.780858E-03	-1.528742E-03
21361	G	6.099864E-02	1.422440E-02	4.660194E-02	0.0	0.0	0.0
21363	G	4.302666E-02	1.333280E-02	3.167462E-02	3.673869E-03	-9.059967E-04	0.0
21364	G	3.051657E-02	1.308116E-02	8.180320E-03	0.0	0.0	0.0
21366	G	1.716472E-02	8.134909E-03	-3.507331E-02	0.0	0.0	0.0
21367	G	3.167349E-02	7.805597E-03	-6.088122E-02	2.753204E-03	3.370736E-04	0.0
21369	G	4.324336E-02	5.522922E-03	-8.957481E-02	0.0	0.0	0.0
21383	G	3.313962E-02	-2.515261E-02	3.427827E-02	1.837318E-03	-5.476794E-04	-3.069594E-03
21387	G	3.813204E-02	-3.597743E-02	-5.836857E-02	4.942995E-03	8.672762E-04	-3.282106E-03
21485	G	0.0	-3.435421E-02	1.612446E-02	4.026938E-03	0.0	0.0
21801	G	1.508988E-02	1.710171E-01	1.690673E-02	0.0	0.0	0.0
21803	G	1.328166E-02	1.779732E-01	-3.639439E-03	0.0	0.0	0.0
21807	G	1.074981E-02	1.779636E-01	-6.698453E-02	0.0	0.0	0.0
21809	G	1.038108E-02	1.721128E-01	-8.270413E-02	0.0	0.0	0.0
21821	G	2.870569E-02	1.470225E-01	2.514973E-02	0.0	0.0	0.0
21823	G	3.109368E-02	1.475518E-01	2.456267E-03	0.0	0.0	0.0
21825	G	3.202501E-02	1.486799E-01	-3.564319E-02	0.0	0.0	0.0
21827	G	2.791256E-02	1.488379E-01	-6.930596E-02	0.0	0.0	0.0
21829	G	2.138830E-02	1.486525E-01	-9.398645E-02	0.0	0.0	0.0
22312	G	2.068750E-02	1.639785E-01	4.848327E-03	0.0	0.0	0.0
22318	G	1.412565E-02	1.637562E-01	-9.071517E-02	0.0	0.0	0.0

22701	G	1.6348078-02	1.713087E-01	-5.767312E-03	0.0	0.0	0.0
22703	G	1.386929E-02	1.796852E-01	-2.596676E-02	0.0	0.0	0.0
22707	G	8.146141E-03	1.796419E-01	-7.825440E-02	0.0	0.0	0.0
22709	G	6.587746E-03	1.723717E-01	-1.016739E-01	0.0	0.0	0.0
22721	G	3.237904E-02	1.456746E-01	6.638769E-03	0.0	0.0	0.0
22723	G	3.227958E-02	1.479813E-01	-1.701115E-02	0.0	0.0	0.0
22725	G	3.447103E-02	1.489096E-01	-5.300777E-02	0.0	0.0	0.0
22727	G	2.696769E-02	1.480774E-01	-8.922499E-02	0.0	0.0	0.0
22729	G	1.897644E-02	1.484850E-01	-1.059222E-01	0.0	0.0	0.0
23100	G	1.352001E-01	1.118507E-01	-1.831415E-01	0.0	0.0	0.0
25001	G	4.436363E-02	1.610179E-01	-1.342790E-01	0.0	0.0	0.0
25003	G	3.623746E-02	1.696657E-01	-1.561245E-01	0.0	0.0	0.0
25007	G	1.716749E-02	1.618580E-01	-2.325234E-01	0.0	0.0	0.0
25009	G	8.546863E-03	1.507230E-01	-2.604637E-01	0.0	0.0	0.0
25021	G	6.160289E-02	1.374757E-01	-1.195146E-01	0.0	0.0	0.0
25025	G	3.554697E-02	1.226950E-01	-2.148266E-01	0.0	0.0	0.0
25029	G	1.239624E-02	1.112974E-01	-2.843457E-01	0.0	0.0	0.0
25041	G	3.040658E-02	2.741778E-02	-1.123391E-01	0.0	0.0	0.0
25045	G	0.0	1.598876E-02	-2.477935E-01	0.0	0.0	0.0
25049	G	-2.456925E-02	9.081333E-04	-2.986441E-01	0.0	0.0	0.0
25061	G	1.747276E-02	-5.840194E-02	-1.165935E-01	0.0	0.0	0.0
25065	G	-3.437633E-02	-5.922952E-02	-2.846503E-01	0.0	0.0	0.0
25069	G	-3.702134E-02	-6.338567E-02	-3.120762E-01	0.0	0.0	0.0
26801	G	5.309782E-02	1.121913E-01	-9.056254E-02	0.0	0.0	0.0
26809	G	2.258879E-02	1.175393E-01	-1.564485E-01	0.0	0.0	0.0
26821	G	6.901091E-02	6.837630E-02	-5.892404E-02	0.0	0.0	0.0
26825	G	3.646644E-02	7.029378E-02	-1.233587E-01	0.0	0.0	0.0
26829	G	8.754209E-03	7.198048E-02	-2.141702E-01	0.0	0.0	0.0
26841	G	2.990939E-02	-3.338658E-02	-5.687657E-02	0.0	0.0	0.0
26845	G	0.0	-2.876775E-02	-1.086437E-01	0.0	0.0	0.0
26849	G	-2.180273E-02	-2.261787E-02	-2.074054E-01	0.0	0.0	0.0
26861	G	-9.379834E-04	-1.012613E-01	-5.467486E-02	0.0	0.0	0.0
26865	G	-3.972505E-02	-1.016965E-01	-8.535665E-02	0.0	0.0	0.0
26869	G	-7.707471E-02	-1.020013E-01	-1.925644E-01	0.0	0.0	0.0
29905	G	4.315523E-02	-7.363793E-03	-5.032123E-02	0.0	0.0	0.0
29921	G	6.633061E-02	-3.453432E-02	2.218897E-02	0.0	0.0	0.0
29925	G	3.970307E-02	-3.362961E-02	-5.066686E-02	0.0	0.0	0.0
29929	G	1.411753E-02	-3.453432E-02	-1.242513E-01	0.0	0.0	0.0
29941	G	3.445685E-02	-1.147739E-01	3.397110E-02	0.0	0.0	0.0
29945	G	0.0	-1.146441E-01	-5.321160E-02	0.0	0.0	0.0
29949	G	-3.299855E-02	-1.147690E-01	-1.406975E-01	0.0	0.0	0.0
29961	G	-9.320918E-03	-1.956835E-01	1.970247E-02	0.0	0.0	0.0
29965	G	-3.726806E-02	-1.949859E-01	-5.569393E-02	0.0	0.0	0.0
29969	G	-6.315470E-02	-1.956835E-01	-1.312833E-01	0.0	0.0	0.0
30045	G	1.408904E-03	-1.164448E-01	-5.331106E-02	6.142627E-03	-2.849866E-03	-2.190147E-03
31745	G	-1.244911E-03	-1.605853E-01	-1.316033E-03	6.408080E-03	-2.846432E-03	-1.854534E-03
33845	G	-4.266590E-03	-2.305745E-01	5.647484E-02	6.820057E-03	-2.652612E-03	-1.091031E-03
35945	G	-6.768436E-03	-2.185669E-01	1.072215E-01	7.324360E-03	-2.161569E-03	2.648593E-04
38045	G	-8.357085E-03	-2.047291E-01	1.431917E-01	7.986017E-03	-1.255602E-03	2.029829E-03
40141	G	-2.986263E-01	-1.520554E-01	1.000300E 00	4.263078E-02	2.235166E-04	1.372179E-02
40142	G	-1.651705E-01	-1.520554E-01	5.862557E-01	3.391781E-02	2.235166E-04	1.112748E-02
40143	G	-6.210592E-02	-1.520554E-01	2.804145E-01	1.900445E-02	2.235166E-04	6.786600E-03
40145	G	-8.386004E-03	-1.520393E-01	1.543399E-01	8.848894E-03	2.213523E-04	4.009571E-03
40147	G	4.465926E-02	-1.520553E-01	4.027607E-02	1.071078E-02	2.216981E-04	6.320696E-03
40148	G	1.387380E-01	-1.520553E-01	-1.056052E-01	1.487642E-02	2.216981E-04	1.005781E-02
40149	G	2.585937E-01	-1.520553E-01	-2.772532E-01	1.736600E-02	2.216981E-04	1.229129E-02
42245	G	-6.144345E-03	-5.944857E-02	1.297975E-01	9.214710E-03	2.075441E-03	5.872712E-03
44345	G	-1.331897E-03	7.062918E-02	6.437087E-02	9.775400E-03	4.099663E-03	7.618938E-03
45245	G	1.553523E-03	1.375484E-01	2.315992E-02	1.012771E-02	4.940975E-03	8.287739E-03
46445	G	5.936675E-03	2.321461E-01	-4.080935E-02	1.065040E-02	5.825624E-03	8.912388E-03
48045	G	9.889609E-02	2.157075E-01	-1.369244E-01	1.582051E-02	6.066784E-03	1.435419E-02
48845	G	1.506997E-01	2.055436E-01	-1.905594E-01	2.014180E-02	6.231260E-03	1.802407E-02
49745	G	2.044620E-01	1.887298E-01	-2.459792E-01	2.545060E-02	6.309900E-03	2.226372E-02
50645	G	2.584714E-01	1.637779E-01	-3.018057E-01	3.180568E-02	6.316159E-03	2.749787E-02
51545	G	3.123579E-01	1.303673E-01	-3.573224E-01	3.917248E-02	6.283857E-03	3.371221E-02
52045	G	3.676073E-01	-4.464457E-02	-3.901291E-01	4.434844E-02	6.260872E-03	4.006109E-02

619.2	G	4.841828E-02	5.351363E-02	1.179515E-01	2.051064E-04	3.107691E-04	-3.970955E-03
619.3	G	4.841832E-02	5.377761E-02	1.179515E-01	2.051064E-04	3.107691E-04	-6.243691E-04
619.4	G	4.804757E-02	5.402229E-02	1.179515E-01	2.051064E-04	3.107691E-04	-3.688874E-03
61916	G	4.446394E-02	4.571367E-02	1.158327E-01	-1.898252E-05	-2.679194E-04	2.226319E-03
619.7	G	4.473213E-02	4.569466E-02	1.158327E-01	-1.898252E-05	-2.679194E-04	-2.243075E-04
61918	G	4.505069E-02	4.567210E-02	1.158327E-01	-1.898252E-05	-2.679194E-04	2.918438E-03
61922	G	5.224444E-02	6.497329E-02	1.435822E-01	-8.046694E-03	1.085654E-03	6.102913E-04
61923	G	5.128906E-02	5.789221E-02	1.435822E-01	-8.046694E-03	1.085654E-03	-3.225929E-04
61924	G	5.040968E-02	5.137439E-02	1.435822E-01	-8.046694E-03	1.085654E-03	5.460647E-04
61926	G	4.486278E-02	4.194225E-02	1.435477E-01	-7.703949E-03	1.011633E-03	4.700718E-04
61927	G	4.417488E-02	3.670356E-02	1.435477E-01	-7.703949E-03	1.011633E-03	7.021006E-04
61928	G	4.314301E-02	2.884552E-02	1.435477E-01	-7.703949E-03	1.011633E-03	7.223769E-04
61934	G	4.056958E-02	4.507419E-02	5.042802E-02	3.074358E-03	2.156868E-03	5.975556E-05
61935	G	3.918917E-02	4.704178E-02	5.042802E-02	3.074358E-03	2.156868E-03	-4.145061E-04
61936	G	3.767936E-02	4.919383E-02	5.042802E-02	3.074358E-03	2.156868E-03	-5.526931E-04
62211	G	5.239050E-02	7.038790E-02	1.132712E-01	0.0	0.0	0.0
62213	G	5.058393E-02	5.724707E-02	1.134200E-01	-2.759590E-03	1.714196E-04	-6.305180E-05
62217	G	4.463616E-02	4.316684E-02	1.119689E-01	-2.276375E-03	4.351030E-04	-5.079463E-06
62219	G	4.351500E-02	3.281714E-02	1.120074E-01	0.0	0.0	0.0
62221	G	5.309411E-02	7.166952E-02	1.071309E-01	-6.276257E-03	3.039447E-03	8.072166E-04
62226	G	4.951028E-02	5.586250E-02	1.069403E-01	-8.317817E-03	8.908655E-04	5.615461E-04
62225	G	4.298775E-02	3.948256E-02	1.066017E-01	-8.134823E-03	9.180435E-04	4.472046E-04
62229	G	4.050944E-02	2.716669E-02	1.067089E-01	-7.184647E-03	2.310888E-03	5.473143E-04
62231	G	4.267282E-02	4.664563E-02	7.040375E-02	8.835009E-05	2.565115E-03	1.627688E-04
62239	G	3.922422E-02	4.717600E-02	7.018983E-02	7.438995E-03	1.981770E-03	-4.394741E-04
62811	G	4.887543E-02	7.125717E-02	8.329093E-02	0.0	0.0	0.0
62819	G	4.154214E-02	5.677446E-02	8.387768E-02	0.0	0.0	0.0
62821	G	4.749341E-02	7.298779E-02	7.520944E-02	0.0	0.0	0.0
62829	G	3.988140E-02	5.109292E-02	7.542104E-02	0.0	0.0	0.0
62831	G	4.238344E-02	4.857577E-02	6.151571E-02	0.0	0.0	0.0
62839	G	4.027793E-02	4.423944E-02	6.161243E-02	0.0	0.0	0.0
63411	G	4.490623E-02	7.793510E-02	5.296075E-02	0.0	0.0	0.0
63419	G	3.974856E-02	5.716715E-02	5.299007E-02	0.0	0.0	0.0
63421	G	4.302804E-02	7.524449E-02	4.638658E-02	0.0	0.0	0.0
63429	G	3.926286E-02	5.346225E-02	4.634639E-02	0.0	0.0	0.0
63431	G	4.078051E-02	5.104157E-02	4.160662E-02	0.0	0.0	0.0
63439	G	4.002433E-02	4.326490E-02	4.163744E-02	0.0	0.0	0.0
64211	G	3.691681E-02	8.594376E-02	1.197034E-04	0.0	0.0	0.0
64219	G	3.734547E-02	4.030476E-02	2.540033E-04	0.0	0.0	0.0
64221	G	3.626959E-02	7.865143E-02	9.218890E-04	0.0	0.0	0.0
64229	G	3.855306E-02	3.708399E-02	8.365272E-04	-5.579598E-03	-6.112421E-05	-3.379525E-04
64231	G	3.836882E-02	5.414553E-02	6.173555E-03	0.0	0.0	0.0
64239	G	3.926662E-02	4.441025E-02	6.168403E-03	0.0	0.0	0.0
65011	G	2.701158E-02	9.231830E-02	-6.064674E-02	0.0	0.0	0.0
65019	G	3.433784E-02	4.602167E-02	-6.035263E-02	0.0	0.0	0.0
65021	G	2.906127E-02	8.189046E-02	-4.844749E-02	0.0	0.0	0.0
65029	G	3.784525E-02	4.142009E-02	-4.846551E-02	0.0	0.0	0.0
65031	G	3.580192E-02	5.743735E-02	-3.267638E-02	0.0	0.0	0.0
65039	G	3.859436E-02	4.705407E-02	-3.269149E-02	0.0	0.0	0.0
65911	G	1.545342E-02	9.631199E-02	-1.283362E-01	0.0	0.0	0.0
65919	G	3.023659E-02	5.517256E-02	-1.298642E-01	0.0	0.0	0.0
65921	G	2.184473E-02	8.354372E-02	-1.003360E-01	0.0	0.0	0.0
65929	G	3.731531E-02	4.716513E-02	-1.000148E-01	-6.614354E-03	-3.415363E-03	-9.162100E-04
65931	G	3.285478E-02	6.129858E-02	-7.446760E-02	0.0	0.0	0.0
65939	G	3.756741E-02	5.096673E-02	-7.445002E-02	0.0	0.0	0.0
71912	G	3.309197E-02	4.917343E-02	7.444519E-02	-4.179929E-04	1.482612E-04	5.542763E-05
71913	G	3.290116E-02	4.863547E-02	7.444519E-02	-4.179929E-04	1.482612E-04	4.757009E-03
71914	G	3.272428E-02	4.813680E-02	7.444519E-02	-4.179929E-04	1.482612E-04	1.494861E-03
71916	G	2.769140E-02	5.353564E-02	7.316303E-02	-2.227584E-04	1.628339E-04	-2.233474E-03
71917	G	2.752841E-02	5.331266E-02	7.316303E-02	-2.227584E-04	1.628339E-04	-9.294231E-04
71918	G	2.733480E-02	5.304780E-02	7.316303E-02	-2.227584E-04	1.628339E-04	-2.001969E-03
71922	G	3.502300E-02	4.744159E-02	8.463478E-02	6.661374E-03	2.893887E-03	2.260605E-03
71923	G	3.247638E-02	5.330360E-02	8.463478E-02	6.661378E-03	2.893887E-03	-1.383594E-03
71924	G	3.013233E-02	5.869932E-02	8.463478E-02	6.661374E-03	2.893887E-03	3.263125E-03
71926	G	2.002576E-02	6.343633E-02	8.489883E-02	5.246427E-03	2.173107E-03	-1.220082E-04
71927	G	1.854805E-02	6.700391E-02	8.489883E-02	5.246427E-03	2.173107E-03	-1.348878E-03

71925		1.0431[illegible]E-02	[illegible]	[illegible]	5.246427E-03	2.173107E-04	-1.337168E-05
71934		1.0[illegible]	[illegible]	[illegible]	-3.244164E-03	3.785647E-03	3.502730E-04
71945		1.4[illegible]	[illegible]	[illegible]	-3.244164E-03	3.785647E-03	-1.578453E-03
71956		1.1[illegible]E-02	5.2855[illegible]	-7.913[illegible]E-03	-4.244164E-03	3.785647E-03	-3.543582E-04
72014		5.1[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
72018		4.8147[illegible]	[illegible]	[illegible]	-2.525077E-03	-1.638864E-03	3.851544E-03
72047		[illegible]	[illegible]	[illegible]	[illegible]	-1.103534E-03	-4.276622E-04
72074		2.0756[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
72221		4.991[illegible]	[illegible]	[illegible]	-3.153453E-03	1.102971E-02	1.386923E-03
72226		3.9716[illegible]	[illegible]	[illegible]	-4.413980E-03	-4.413966E-04	3.087493E-03
72229		1.9759[illegible]	[illegible]	[illegible]	-4.154375E-03	1.536753E-03	-6.626621E-05
72239		1.1903[illegible]	[illegible]	[illegible]	7.315566E-05	7.242445E-03	-5.718798E-04
72239		2.3765[illegible]	[illegible]	[illegible]	-7.002365E-03	2.925361E-03	6.034223E-04
72239		1.0769[illegible]	[illegible]	[illegible]	-1.747358E-02	4.151020E-03	-1.181055E-04
72411		5.9[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
72419		2.6[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
72421		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
72429		1.8[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
72431		2.7[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
72439		1.8[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
73411		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
73419		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
73421		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
73429		2.5[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
73431		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
73439		2.5[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
74411		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
74419		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
74421		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
74429		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
74431		3.6[illegible]	[illegible]	[illegible]	-5.531185E-04	3.528345E-03	7.522964E-04
74439		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75411		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75419		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75421		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75429		4.7[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75431		5.2873[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75439		4.6195[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75911		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75919		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75921		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75929		[illegible]	[illegible]	[illegible]	-6.945413E-04	3.507955E-03	8.297862E-04
75931		[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
75939		5.674[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
123919		-[illegible]	[illegible]	[illegible]	[illegible]	-1.060017E-02	-1.638571E-02
123967		-[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
124867		-[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
124919		-4.531[illegible]	[illegible]	[illegible]	[illegible]	-1.060017E-02	-1.638571E-02
125063		7.256[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
125065		-3.469[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
125067		-3.65[illegible]	[illegible]	[illegible]	0.0	0.0	0.0
125363		-2.019899E-01	-1.226241E-01	-1.756450E-01	0.0	0.0	0.0
125367		-5.864316E-01	-1.226241E-01	-2.698410E-01	0.0	0.0	0.0
126463		-1.352869E-02	-1.012613E-01	-5.463459E-02	0.0	0.0	0.0
126467		-6.495059E-02	-1.022031E-01	-1.577535E-01	0.0	0.0	0.0
127211		-4.531[illegible]	-6.634126E-01	-1.686[illegible]	[illegible]	-1.060017E-02	-1.638571E-02
129363		1.023736E-01	[illegible]	[illegible]	-1.757369E-04	-1.439193E-03	-7.458203E-04
129367		8.391[illegible]	[illegible]	[illegible]	-1.757369E-04	-1.439193E-03	-7.458203E-04
210071		1.040[illegible]	[illegible]	[illegible]	-1.757369E-04	-1.439193E-03	-7.458203E-04
210075		9.81[illegible]	[illegible]	[illegible]	-1.757369E-04	-1.439193E-03	-7.458203E-04
210079		9.10[illegible]	[illegible]	[illegible]	-1.[illegible]421E-04	-1.396956E-03	-7.458203E-04
211071		[illegible]	[illegible]	[illegible]	[illegible]	-1.177076E-03	-7.458203E-04
211075		[illegible]	[illegible]	[illegible]	-2.206743E-04	-1.196781E-03	-7.458203E-04
211079		[illegible]	[illegible]	[illegible]	-1.[illegible]592[illegible]E-04	-1.143110E-03	-7.458203E-04
212071		[illegible]	[illegible]	[illegible]	-[illegible]	-1.329808E-03	-7.458203E-04
212075		[illegible]	[illegible]	[illegible]	-1.[illegible]	-4.[illegible]E-04	-7.458203E-04

200106		6.2549896-02	7.957934E-03	2.803841E-01	-1.322538E-04	-6.211887E-04	-7.458203E-04
200114		5.742930E-02	8.530904E-03	2.850774E-01	-3.080459E-05	-7.065916E-04	-7.458203E-04
200121		5.152870E-02	8.360427E-03	2.891841E-01	8.348282E-05	-1.015764E-03	-7.458203E-04
200129		4.162791E-02	7.160369E-03	2.938775E-01	2.109389E-04	-1.442075E-03	-7.458203E-04
200137		2.873316E-02	5.074836E-03	2.938774E-01	3.048580E-04	-1.764253E-03	-7.458203E-04
200145		1.372153E-02	2.379585E-03	2.938774E-01	3.624274E-04	-1.965804E-03	-7.458203E-04
200153		-1.866869E-03	-5.281649E-04	2.938774E-01	3.808516E-04	-2.030313E-03	-7.458203E-04
200155		-6.353840E-03	-1.369849E-03	2.938774E-01	3.808516E-04	-2.030313E-03	-7.458203E-04
211001		-9.630036E-02	1.495089E-01	5.631990E-02	-5.797554E-03	1.091588E-03	-4.407566E-03
211002		6.501609E-02	9.960663E-02	-1.682539E-02	-3.969267E-03	4.926077E-04	-2.599459E-03
211073		1.023736E-01	-6.372478E-03	2.867414E-01	-1.757069E-04	-1.439193E-03	-7.458203E-04
211077		8.391458E-02	-6.372478E-03	2.890902E-01	-1.757069E-04	-1.439193E-03	-7.458203E-04
214075		9.314412E-02	-8.445859E-03	2.909167E-01	-1.757069E-04	-1.439193E-03	-7.458203E-04
214901		-9.630036E-02	-2.628139E-02	1.327859E-02	-5.797554E-03	1.091588E-03	-4.407566E-03
214902		6.501609E-02	-2.489458E-03	-3.624691E-02	-3.969267E-03	4.926077E-04	-2.599459E-03
215101		4.724170E-02	2.744105E-02	-3.473341E-02	-1.504210E-03	6.519869E-03	-3.500645E-03
215102		1.047847E-02	8.305300E-02	-9.962573E-03	-6.735832E-04	-1.868785E-03	-1.222125E-03
215201		9.754950E-02	2.902481E-02	-4.801564E-02	5.719925E-04	4.777502E-03	1.101066E-03
215202		1.050513E-02	8.004109E-02	-9.433605E-03	9.669603E-04	2.446815E-04	2.346640E-03
222001		-9.584415E-02	-2.028130E-01	2.224286E-01	-1.986268E-02	-6.457749E-04	-2.444808E-03
222002		6.472087E-02	-1.156707E-01	-2.282231E-01	-1.504450E-02	1.072600E-03	-1.560827E-03
222201		-3.097086E-02	1.301535E-01	1.814027E-02	-1.249948E-02	3.171344E-03	-2.473690E-03
222202		3.924588E-02	1.390258E-01	-7.452899E-02	-9.674389E-03	-9.643324E-04	-1.372351E-03
222301		1.412565E-02	1.637562E-01	-9.071517E-02	-3.270633E-04	2.429916E-03	-1.070270E-03
222302		2.068750E-02	1.639785E-01	4.848327E-03	6.341590E-04	1.213909E-05	-4.278037E-04
223401		-9.584415E-02	-2.383849E-01	2.318246E-01	-1.986268E-02	-6.457749E-04	-2.444808E-03
223402		6.472087E-02	-1.383808E-01	-2.438294E-01	-1.504450E-02	1.072600E-03	-1.560827E-03
520018		4.956412E-01	-4.664478E-02	-3.104724E-01	4.418513E-02	6.260872E-03	3.992207E-02
520024		2.708921E-01	-4.664478E-02	-2.830804E-01	4.416939E-02	6.260872E-03	3.990936E-02
520057		1.381485E-01	-4.664785E-02	-1.359358E-01	4.711173E-02	6.260872E-03	4.239321E-02
520065		1.052777E-01	-4.664855E-02	-9.940994E-02	4.922045E-02	6.260872E-03	4.417657E-02
520068		8.876354E-02	-4.664888E-02	-8.099872E-02	5.031681E-02	6.260872E-03	4.510356E-02
520079		3.862798E-02	-4.665580E-02	-2.497306E-02	5.336123E-02	6.260872E-03	4.767849E-02
520135		-2.672912E-01	-4.470486E-02	3.199106E-01	6.738043E-02	6.260872E-03	5.955200E-02
520139		-2.917871E-01	-4.470944E-02	3.476300E-01	6.781179E-02	6.260872E-03	5.991942E-02
520152		-3.707016E-01	-4.472394E-02	4.369559E-01	6.837559E-02	6.260872E-03	6.040040E-02
520185		-5.699016E-01	-4.472394E-02	6.624581E-01	6.837559E-02	6.260872E-03	6.040040E-02

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 3.0

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-1.707727E-04	0.0	0.0	0.0	0.0
7079	G	0.0	-4.176499E-04	0.0	0.0	0.0	0.0
8571	G	0.0	7.018219E-04	0.0	0.0	0.0	0.0
8579	G	0.0	-2.153622E-03	0.0	0.0	0.0	0.0
9361	G	-4.035171E-02	0.0	0.0	0.0	0.0	0.0
9369	G	-5.365529E-02	0.0	0.0	0.0	0.0	0.0
9373	G	1.755263E-12	0.0	0.0	0.0	0.0	0.0
9377	G	1.973196E-12	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-2.082203E-03	0.0	0.0	0.0	0.0
11579	G	0.0	-2.702644E-02	0.0	0.0	0.0	0.0
13849	G	-1.981077E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	1.220191E-02	0.0	0.0	0.0	0.0
13879	G	0.0	-6.244729E-01	0.0	0.0	0.0	0.0
15633	G	0.0	2.275200E 00	0.0	0.0	0.0	0.0
15637	G	0.0	-2.288852E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-4.060208E-15	0.0	0.0
18647	G	0.0	0.0	0.0	3.605599E-14	0.0	0.0
19743	G	0.0	0.0	0.0	-4.177549E-17	0.0	0.0
19747	G	0.0	0.0	0.0	1.764105E-16	0.0	0.0
19763	G	0.0	0.0	0.0	-1.215902E-15	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-1.079541E-06	0.0
19767	G	0.0	0.0	0.0	2.786234E-15	0.0	0.0
21343	G	0.0	0.0	0.0	2.916845E-16	0.0	0.0
21347	G	0.0	0.0	0.0	4.389598E-16	0.0	0.0
21465	G	5.137053E-08	0.0	0.0	0.0	-2.389525E-07	0.0
29945	G	-7.522570E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-3.023819E-16	7.665500E-16	-2.330193E-15
62819	G	0.0	0.0	0.0	-5.383885E-16	-2.048645E-16	-2.880182E-15
62821	G	0.0	0.0	0.0	4.779695E-16	1.436045E-17	-3.349492E-15
62829	G	0.0	0.0	0.0	-7.800659E-16	-1.581837E-17	-7.301336E-15
62831	G	0.0	0.0	0.0	-4.841634E-16	1.388662E-17	-1.419992E-16
62839	G	0.0	0.0	0.0	-6.073876E-17	2.393351E-17	-2.207184E-16
72811	G	0.0	0.0	0.0	2.650490E-16	-7.250888E-16	-2.637386E-15
72819	G	0.0	0.0	0.0	7.234939E-18	6.097271E-16	-5.352943E-15
72821	G	0.0	0.0	0.0	-8.083705E-17	-3.554085E-17	-5.876586E-15
72829	G	0.0	0.0	0.0	-6.866471E-17	9.300763E-16	-9.636613E-15
72831	G	0.0	0.0	0.0	1.317479E-16	8.870246E-17	9.199574E-16
72839	G	0.0	0.0	0.0	9.707775E-18	-1.675210E-17	-1.544719E-16

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 0.0

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	2.921023E-05	0.0	0.0	0.0	0.0
7079	G	0.0	4.098969E-05	0.0	0.0	0.0	0.0
8571	G	0.0	-7.533409E-05	0.0	0.0	0.0	0.0
8579	G	0.0	-1.073503E-04	0.0	0.0	0.0	0.0
9341	G	6.790169E-03	0.0	0.0	0.0	0.0	0.0
9349	G	4.972760E-03	0.0	0.0	0.0	0.0	0.0
9373	G	-2.435829E-13	0.0	0.0	0.0	0.0	0.0
9377	G	8.903989E-14	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	3.641585E-04	0.0	0.0	0.0	0.0
11579	G	0.0	-1.679797E-03	0.0	0.0	0.0	0.0
13869	G	-8.470118E-02	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	-2.075895E-03	0.0	0.0	0.0	0.0
13879	G	0.0	-2.335893E-02	0.0	0.0	0.0	0.0
15633	G	0.0	-1.781721E-01	0.0	0.0	0.0	0.0
15637	G	0.0	1.710414E-01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	2.370346E-17	0.0	0.0
18647	G	0.0	0.0	0.0	-2.213293E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-2.981752E-19	0.0	0.0
19747	G	0.0	0.0	0.0	-8.084614E-13	0.0	0.0
19763	G	0.0	0.0	0.0	-7.360544E-18	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	5.247833E-08	0.0
19767	G	0.0	0.0	0.0	1.293538E-11	0.0	0.0
21343	G	0.0	0.0	0.0	-6.462473E-19	0.0	0.0
21347	G	0.0	0.0	0.0	7.314689E-18	0.0	0.0
21485	G	-6.242843E-09	0.0	0.0	0.0	-2.238851E-08	0.0
29945	G	6.396998E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-1.368729E-14	-3.074441E-13	1.037969E-12
62819	G	0.0	0.0	0.0	4.129478E-14	-5.537556E-14	-4.048812E-13
62821	G	0.0	0.0	0.0	-3.869315E-14	-4.280152E-14	1.107936E-13
62829	G	0.0	0.0	0.0	4.182800E-14	-2.401911E-13	-2.662344E-13
62831	G	0.0	0.0	0.0	3.032280E-17	1.887242E-15	-1.958021E-14
62839	G	0.0	0.0	0.0	3.266645E-18	-2.669920E-15	2.462239E-14
72811	G	0.0	0.0	0.0	1.369566E-14	-3.075217E-13	-1.037235E-12
72819	G	0.0	0.0	0.0	-4.131171E-14	-5.534171E-14	4.045494E-13
72821	G	0.0	0.0	0.0	3.870185E-14	-4.280713E-14	-1.111672E-13
72829	G	0.0	0.0	0.0	-4.185032E-14	-2.401635E-13	2.676008E-13
72831	G	0.0	0.0	0.0	-4.153867E-17	1.883591E-15	1.954233E-14
72839	G	0.0	0.0	0.0	-4.900057E-18	-2.672415E-15	-2.464540E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 3.0

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-3.924672E-04	0.0	0.0	0.0	0.0
7079	G	0.0	-2.369236E-04	0.0	0.0	0.0	0.0
8571	G	0.0	1.026712E-03	0.0	0.0	0.0	0.0
8579	G	0.0	6.198669E-04	0.0	0.0	0.0	0.0
9341	G	-1.948841E-03	0.0	0.0	0.0	0.0	0.0
9349	G	1.281436E-03	0.0	0.0	0.0	0.0	0.0
9373	G	9.314164E-14	0.0	0.0	0.0	0.0	0.0
9377	G	-4.932379E-14	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-6.110668E-03	0.0	0.0	0.0	0.0
11579	G	0.0	-4.314713E-03	0.0	0.0	0.0	0.0
13849	G	-6.863411E-02	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	-3.968635E-02	0.0	0.0	0.0	0.0
13879	G	0.0	-7.399044E-02	0.0	0.0	0.0	0.0
15633	G	0.0	-2.282808E 00	0.0	0.0	0.0	0.0
15637	G	0.0	-2.250719E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	1.234931E-15	0.0	0.0
18647	G	0.0	0.0	0.0	-6.914126E-13	0.0	0.0
19743	G	0.0	0.0	0.0	4.422510E-17	0.0	0.0
19747	G	0.0	0.0	0.0	1.192455E-16	0.0	0.0
19763	G	0.0	0.0	0.0	1.283631E-15	0.0	0.0
19769	G	0.0	0.0	0.0	0.0	-6.813547E-13	0.0
19787	G	0.0	0.0	0.0	1.433354E-15	0.0	0.0
21343	G	0.0	0.0	0.0	-2.705122E-16	0.0	0.0
21347	G	0.0	0.0	0.0	-7.552230E-16	0.0	0.0
21485	G	-2.940907E-08	0.0	0.0	0.0	5.791026E-04	0.0
29945	G	6.491671E-06	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-2.355902E-13	-1.037474E-12	3.644821E-12
62819	G	0.0	0.0	0.0	9.226241E-14	4.050357E-13	3.749779E-12
62821	G	0.0	0.0	0.0	-2.033261E-14	-1.116687E-13	4.741059E-12
62829	G	0.0	0.0	0.0	4.844394E-14	2.652134E-13	4.112567E-12
62831	G	0.0	0.0	0.0	3.268906E-16	1.953325E-14	-2.026593E-13
62839	G	0.0	0.0	0.0	4.222451E-17	-2.166338E-14	2.274493E-13
72811	G	0.0	0.0	0.0	-2.355907E-13	1.033360E-12	3.644314E-12
72819	G	0.0	0.0	0.0	9.232990E-14	-4.049405E-13	3.749339E-12
72821	G	0.0	0.0	0.0	-2.033860E-14	1.112207E-13	4.741173E-12
72829	G	0.0	0.0	0.0	4.851703E-14	-2.679050E-13	4.112236E-12
72831	G	0.0	0.0	0.0	3.639478E-16	-1.950956E-14	-2.024125E-13
72839	G	0.0	0.0	0.0	4.679825E-17	2.466956E-14	2.275053E-13

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 0.0

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-5.665901E-04	0.0	0.0	0.0	0.0
7079	G	0.0	-2.694405E-04	0.0	0.0	0.0	0.0
8571	G	0.0	1.481741E-03	0.0	0.0	0.0	0.0
8579	G	0.0	7.039513E-04	0.0	0.0	0.0	0.0
9341	G	8.496705E-03	0.0	0.0	0.0	0.0	0.0
9349	G	-5.734302E-03	0.0	0.0	0.0	0.0	0.0
9373	G	-2.093611E-15	0.0	0.0	0.0	0.0	0.0
9377	G	4.121616E-14	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-7.279016E-03	0.0	0.0	0.0	0.0
11579	G	0.0	-1.274359E-02	0.0	0.0	0.0	0.0
13849	G	-3.450867E-01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	-6.414676E-02	0.0	0.0	0.0	0.0
13879	G	0.0	-1.723200E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-5.316943E 00	0.0	0.0	0.0	0.0
15637	G	0.0	-5.257911E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	1.564590E-15	0.0	0.0
18647	G	0.0	0.0	0.0	-3.639631E-12	0.0	0.0
19743	G	0.0	0.0	0.0	1.001509E-16	0.0	0.0
19747	G	0.0	0.0	0.0	-1.028951E-15	0.0	0.0
19763	G	0.0	0.0	0.0	2.919297E-15	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-2.306011E-07	0.0
19767	G	0.0	0.0	0.0	-1.649050E-14	0.0	0.0
21343	G	0.0	0.0	0.0	-4.958969E-16	0.0	0.0
21347	G	0.0	0.0	0.0	-8.888114E-16	0.0	0.0
21485	G	-6.193460E-08	0.0	0.0	0.0	7.005730E-08	0.0
29945	G	4.208327E-06	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	1.155100E-13	5.054600E-13	-1.775409E-12
62819	G	0.0	0.0	0.0	-4.411039E-14	-1.972890E-13	-1.824950E-12
62821	G	0.0	0.0	0.0	9.354862E-15	5.420330E-14	-2.309596E-12
62829	G	0.0	0.0	0.0	-2.225850E-14	-1.309067E-13	-3.940877E-12
62831	G	0.0	0.0	0.0	8.073293E-16	-9.740584E-15	1.010590E-13
62839	G	0.0	0.0	0.0	1.008000E-16	1.198326E-14	-1.105114E-13
72811	G	0.0	0.0	0.0	1.155507E-13	-5.055820E-13	-1.775847E-12
72819	G	0.0	0.0	0.0	-4.409045E-14	1.972639E-13	-1.824690E-12
72821	G	0.0	0.0	0.0	9.350197E-15	-5.422206E-14	-2.309754E-12
72829	G	0.0	0.0	0.0	-2.222530E-14	1.308414E-13	-3.948775E-12
72831	G	0.0	0.0	0.0	8.898968E-16	9.798264E-15	1.016574E-13
72839	G	0.0	0.0	0.0	1.108668E-16	-1.197806E-14	-1.104634E-13

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 3.0

FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7371	G	0.0	1.1544378-06	0.0	0.0	0.0	0.0
7379	G	0.0	1.6884028-06	0.0	0.0	0.0	0.0
8571	G	0.0	-2.9165440E-06	0.0	0.0	0.0	0.0
8579	G	0.0	-4.4190698-06	0.0	0.0	0.0	0.0
9361	G	-4.3453248-03	0.0	0.0	0.0	0.0	0.0
9369	G	9.6594818-05	0.0	0.0	0.0	0.0	0.0
9373	G	1.7541528-14	0.0	0.0	0.0	0.0	0.0
9377	G	2.4091848-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	8.7120878-06	0.0	0.0	0.0	0.0
11579	G	0.0	-6.2628168-03	0.0	0.0	0.0	0.0
13869	G	-3.3133508-01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	-1.3545108-02	0.0	0.0	0.0	0.0
13879	G	0.0	-9.7821008-02	0.0	0.0	0.0	0.0
15633	G	0.0	3.1133168-03	0.0	0.0	0.0	0.0
15637	G	0.0	2.9644248-03	0.0	0.0	0.0	0.0
19643	G	0.0	0.0	0.0	1.0367458-11	0.0	0.0
19647	G	0.0	0.0	0.0	-8.3860408-11	0.0	0.0
19743	G	0.0	0.0	0.0	2.0661848-13	0.0	0.0
19747	G	0.0	0.0	0.0	-4.3569188-12	0.0	0.0
19763	G	0.0	0.0	0.0	5.7782428-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	1.3600868-07	0.0
19767	G	0.0	0.0	0.0	-8.9710658-11	0.0	0.0
21343	G	0.0	0.0	0.0	1.2975748-11	0.0	0.0
21347	G	0.0	0.0	0.0	-8.3644628-11	0.0	0.0
21445	G	3.3265328E-08	0.0	0.0	0.0	-1.3466348-07	0.0
29945	G	-2.0918918E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	8.5619458-13	-2.3360248-13	1.3044938-13
62819	G	0.0	0.0	0.0	4.6979598-13	-1.0376888-14	1.6483228-13
62821	G	0.0	0.0	0.0	-6.1815338-13	1.1520948-13	1.4643198-12
62829	G	0.0	0.0	0.0	1.7431458-12	-2.3222478-14	2.6929948-13
62831	G	0.0	0.0	0.0	8.5412098-13	6.2031078-15	-6.4357498-14
62839	G	0.0	0.0	0.0	1.1796308-13	-7.5999228-15	7.0387638-14
72811	G	0.0	0.0	0.0	8.5112908-13	3.4720938-13	5.1368228-13
72819	G	0.0	0.0	0.0	8.6504398-13	3.0846498-14	1.4985268-12
72821	G	0.0	0.0	0.0	-6.3244388-13	-9.9388818-14	1.5053578-12
72829	G	0.0	0.0	0.0	1.7585798-12	1.1198298-13	2.7939638-12
72831	G	0.0	0.0	0.0	8.5409398-13	-6.9315358-15	-7.1914978-14
72839	G	0.0	0.0	0.0	1.1795948-13	8.5835308-15	7.9158588-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 0.0

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	5.288375E-06	0.0	0.0	0.0	0.0
7079	G	0.0	8.888886E-05	0.0	0.0	0.0	0.0
8571	G	0.0	-1.389525E-05	0.0	0.0	0.0	0.0
8579	G	0.0	-2.330921E-04	0.0	0.0	0.0	0.0
9341	G	6.353416E-03	0.0	0.0	0.0	0.0	0.0
9349	G	-8.673960E-05	0.0	0.0	0.0	0.0	0.0
9373	G	-1.962874E-13	0.0	0.0	0.0	0.0	0.0
9377	G	2.338130E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-1.936596E-04	0.0	0.0	0.0	0.0
11579	G	0.0	-3.294130E-03	0.0	0.0	0.0	0.0
13849	G	-2.309422E-01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	3.081468E-03	0.0	0.0	0.0	0.0
13879	G	0.0	-7.101619E-02	0.0	0.0	0.0	0.0
15633	G	0.0	-1.351307E 00	0.0	0.0	0.0	0.0
15637	G	0.0	-1.478214E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-4.818033E-12	0.0	0.0
18647	G	0.0	0.0	0.0	-9.670682E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-9.601830E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-6.282392E-12	0.0	0.0
19763	G	0.0	0.0	0.0	-2.685225E-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-3.441318E-08	0.0
19767	G	0.0	0.0	0.0	-1.005183E-10	0.0	0.0
21343	G	0.0	0.0	0.0	-6.029518E-12	0.0	0.0
21347	G	0.0	0.0	0.0	-1.005203E-10	0.0	0.0
21485	G	-1.413451E-08	0.0	0.0	0.0	-4.951058E-09	0.0
29945	G	-4.913338E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-3.910774E-13	2.623005E-13	-5.791677E-13
62819	G	0.0	0.0	0.0	-4.248735E-13	3.259286E-14	-5.628230E-13
62821	G	0.0	0.0	0.0	3.066406E-13	-3.213309E-14	-7.353474E-13
62829	G	0.0	0.0	0.0	-8.310051E-13	1.310464E-13	-1.209166E-12
62831	G	0.0	0.0	0.0	-3.969409E-13	-3.824171E-15	3.967593E-14
62839	G	0.0	0.0	0.0	-5.482139E-14	4.865229E-15	-4.486785E-14
72811	G	0.0	0.0	0.0	-4.024225E-13	-7.238364E-15	2.811163E-13
72819	G	0.0	0.0	0.0	-3.905997E-13	1.333586E-14	-8.985857E-13
72821	G	0.0	0.0	0.0	2.745371E-13	6.764251E-14	-6.433423E-13
72829	G	0.0	0.0	0.0	-7.962881E-13	6.821041E-14	-1.431463E-12
72831	G	0.0	0.0	0.0	-3.968932E-13	2.272473E-15	2.357699E-14
72839	G	0.0	0.0	0.0	-5.481589E-14	-2.648030E-15	-2.442052E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 3.607930E 02

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-1.194611E-03	0.0	0.0	0.0	0.0
7079	G	0.0	1.370009E-03	0.0	0.0	0.0	0.0
8571	G	0.0	3.128296E-03	0.0	0.0	0.0	0.0
8579	G	0.0	-3.576290E-03	0.0	0.0	0.0	0.0
9341	G	5.679746E-01	0.0	0.0	0.0	0.0	0.0
9349	G	7.569676E-01	0.0	0.0	0.0	0.0	0.0
9373	G	3.348710E-13	0.0	0.0	0.0	0.0	0.0
9377	G	4.090352E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	8.736946E-03	0.0	0.0	0.0	0.0
11579	G	0.0	9.714804E-02	0.0	0.0	0.0	0.0
13969	G	-2.628992E-01	0.0	0.0	0.0	0.0	0.0
13971	G	0.0	9.391230E-02	0.0	0.0	0.0	0.0
13979	G	0.0	-2.204821E-01	0.0	0.0	0.0	0.0
15633	G	0.0	1.603339E-01	0.0	0.0	0.0	0.0
15637	G	0.0	-3.349436E-01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	1.348501E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-2.346056E-12	0.0	0.0
19743	G	0.0	0.0	0.0	-5.566226E-15	0.0	0.0
19747	G	0.0	0.0	0.0	1.704936E-13	0.0	0.0
19763	G	0.0	0.0	0.0	-1.080322E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-4.282563E-01	0.0
19767	G	0.0	0.0	0.0	2.696529E-12	0.0	0.0
21343	G	0.0	0.0	0.0	5.586180E-13	0.0	0.0
21347	G	0.0	0.0	0.0	9.052394E-12	0.0	0.0
21443	G	-1.479154E-01	0.0	0.0	0.0	-3.474796E-01	0.0
29945	G	-1.830427E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	2.002541E-15	-1.309592E-13	4.354327E-13
62819	G	0.0	0.0	0.0	2.451751E-14	-1.681233E-14	-9.836408E-14
62821	G	0.0	0.0	0.0	-2.243546E-14	-1.733346E-14	1.199059E-13
62829	G	0.0	0.0	0.0	2.939357E-14	-9.162815E-14	5.692032E-14
62831	G	0.0	0.0	0.0	1.406995E-14	5.180007E-16	-5.374275E-15
62839	G	0.0	0.0	0.0	1.511485E-15	-1.473645E-15	1.359017E-14
72811	G	0.0	0.0	0.0	2.663053E-14	-1.291926E-13	-4.315894E-13
72819	G	0.0	0.0	0.0	2.649194E-15	-1.363537E-14	1.253302E-13
72821	G	0.0	0.0	0.0	9.213137E-15	-2.163179E-14	-1.129932E-13
72829	G	0.0	0.0	0.0	2.593080E-14	-8.738208E-14	-3.671467E-14
72831	G	0.0	0.0	0.0	1.424355E-14	2.539999E-15	2.634221E-14
72839	G	0.0	0.0	0.0	2.396738E-15	-1.188612E-13	-1.096156E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 4.359756E 02

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	1.986582E-03	0.0	0.0	0.0	0.0
7079	G	0.0	2.050458E-03	0.0	0.0	0.0	0.0
8571	G	0.0	-5.202938E-03	0.0	0.0	0.0	0.0
8579	G	0.0	-5.371317E-03	0.0	0.0	0.0	0.0
9341	G	-5.398409E-02	0.0	0.0	0.0	0.0	0.0
9349	G	5.268026E-03	0.0	0.0	0.0	0.0	0.0
9373	G	6.430967E-14	0.0	0.0	0.0	0.0	0.0
9377	G	-2.955414E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	4.083687E-02	0.0	0.0	0.0	0.0
11579	G	0.0	8.871526E-03	0.0	0.0	0.0	0.0
13849	G	3.443641E-01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	1.363986E-01	0.0	0.0	0.0	0.0
13879	G	0.0	2.445096E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-1.305636E-01	0.0	0.0	0.0	0.0
15637	G	0.0	-1.121766E-01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-1.428463E-11	0.0	0.0
18647	G	0.0	0.0	0.0	5.076081E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-2.833536E-13	0.0	0.0
19747	G	0.0	0.0	0.0	1.930576E-12	0.0	0.0
19763	G	0.0	0.0	0.0	-7.931545E-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-1.230803E-04	0.0
19767	G	0.0	0.0	0.0	3.0 8425E-11	0.0	0.0
21343	G	0.0	0.0	0.0	-1.7 3582E-11	0.0	0.0
21347	G	0.0	0.0	0.0	4.632716E-11	0.0	0.0
21485	G	-5.149775E-06	0.0	0.0	0.0	-9.719681E-05	0.0
29945	G	2.7639[illegible]E-04	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-1.216216E-12	3.263196E-13	-1.669662E-13
62819	G	0.0	0.0	0.0	-1.222549E-12	5.437958E-14	-1.966369E-12
62821	G	0.0	0.0	0.0	9.069095E-13	-1.648[illegible]87E-13	-1.740849E-12
62829	G	0.0	0.0	0.0	-2.447874E-12	1.080778E-13	-3.451027E-12
62831	G	0.0	0.0	0.0	-1.199756E-12	-7.659451E-15	7.946714E-14
62839	G	0.0	0.0	0.0	-1.655161E-13	9.595339E-15	-8.848955E-14
72811	G	0.0	0.0	0.0	-1.215182E-12	-3.416315E-13	-2.188788E-13
72819	G	0.0	0.0	0.0	-1.224230E-12	-5.680626E-14	-1.948367E-12
72821	G	0.0	0.0	0.0	9.087405E-13	1.626675E-13	-1.749409E-12
72829	G	0.0	0.0	0.0	-2.449055E-12	-1.195704E-13	-3.444943E-12
72831	G	0.0	0.0	0.0	-1.199749E-12	7.900405E-15	8.196704E-14
72839	G	0.0	0.0	0.0	-1.654836E-13	-9.723078E-15	-8.966764E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.938966E

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7371	G	0.0	5.291784E-04	0.0	0.0	0.0	0.0
7379	G	0.0	5.264436E-04	0.0	0.0	0.0	0.0
8571	G	0.0	-5.384424E-04	0.0	0.0	0.0	0.0
8579	G	0.0	-5.423418E-04	0.0	0.0	0.0	0.0
9341	G	-1.240[illegible]	0.0	0.0	0.0	0.0	0.0
9349	G	1.2[illegible]	0.0	0.0	0.0	0.0	0.0
9373	G	-5.844437E-14	0.0	0.0	0.0	0.0	0.0
9377	G	5.223647E-14	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	7.242050E-05	0.0	0.0	0.0	0.0
11579	G	0.0	7.173759E-05	0.0	0.0	0.0	0.0
13569	G	9.911173E-01	0.0	0.0	0.0	0.0	0.0
13571	G	0.0	1.[illegible]	0.0	0.0	0.0	0.0
13579	G	0.0	1.[illegible]	0.0	0.0	0.0	0.0
15633	G	0.0	-2.[illegible]	0.0	0.0	0.0	0.0
15637	G	0.0	-2.[illegible]	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	6.317911E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-2.042044E-12	0.0	0.0
19743	G	0.0	0.0	0.0	1.275883E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-7.384210E-14	0.0	0.0
19763	G	0.0	0.0	0.0	3.587952E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-8.552944E-07	0.0
19767	G	0.0	0.0	0.0	-1.132142E-12	0.0	0.0
21343	G	0.0	0.0	0.0	9.183417E-13	0.0	0.0
21347	G	0.0	0.0	0.0	-2.200487E-12	0.0	0.0
21485	G	-3.947[illegible]	0.0	0.0	0.0	8.677925E-06	0.0
29945	G	1.371544E-01	0.0	0.0	0.0	0.0	0.0
62411	G	0.0	0.0	0.0	1.799473E-13	5.118533E-13	-1.[illegible]
62419	G	0.0	0.0	0.0	1.[illegible]726E-14	-2.[illegible]142E-13	-1.[illegible]
62431	G	0.0	0.0	0.0	-4.273577E-14	6.855191E-14	-2.37[illegible]
[illegible]	G	0.0	0.0	0.0	4.[illegible]38E-14	-1.[illegible]	-9.[illegible]
62931	G	0.0	0.0	0.0	6.324655E-14	-1.287165E-14	1.335439E-13
62939	G	0.0	0.0	0.0	9.044872E-15	1.237619E-14	-1.113499E-13
72811	G	0.0	0.0	0.0	1.786652E-13	-5.056892E-13	-1.024073E-12
72819	G	0.0	0.0	0.0	1.242338E-14	2.155811E-13	-1.872599E-12
72821	G	0.0	0.0	0.0	-4.259391E-14	-6.594154E-14	-2.372259E-12
72829	G	0.0	0.0	0.0	4.802830E-14	1.551395E-13	-4.123771E-12
72831	G	0.0	0.0	0.0	6.242164E-14	1.246123E-14	1.334359E-13
72839	G	0.0	0.0	0.0	9.945718E-15	-1.200045E-14	-1.106699E-13

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.469902E 03

FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	9.924851E-03	0.0	0.0	0.0	0.0
7079	G	0.0	-8.733772E-03	0.0	0.0	0.0	0.0
8571	G	0.0	-2.591131E-02	0.0	0.0	0.0	0.0
8579	G	0.0	2.279226E-02	0.0	0.0	0.0	0.0
9341	G	-7.328260E-02	0.0	0.0	0.0	0.0	0.0
9349	G	-6.889862E-02	0.0	0.0	0.0	0.0	0.0
9373	G	-1.479789E-13	0.0	0.0	0.0	0.0	0.0
9377	G	-3.377298E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-1.746244E-03	0.0	0.0	0.0	0.0
11579	G	0.0	-3.532767E-01	0.0	0.0	0.0	0.0
13849	G	-1.464013E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	9.490840E-03	0.0	0.0	0.0	0.0
13879	G	0.0	-2.138039E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-6.576413E 00	0.0	0.0	0.0	0.0
15637	G	0.0	6.307951E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-2.139626E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-1.012601E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-8.394107E-16	0.0	0.0
19747	G	0.0	0.0	0.0	-9.003481E-13	0.0	0.0
19763	G	0.0	0.0	0.0	-4.025814E-14	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	1.150418E-03	0.0
19767	G	0.0	0.0	0.0	-1.439806E-11	0.0	0.0
21343	G	0.0	0.0	0.0	-2.102629E-13	0.0	0.0
21347	G	0.0	0.0	0.0	-1.849383E-11	0.0	0.0
21485	G	3.421308E-05	0.0	0.0	0.0	3.228341E-04	0.0
29945	G	-2.727186E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-1.132283E-14	1.721616E-13	-5.662747E-13
62819	G	0.0	0.0	0.0	-4.350574E-14	1.149660E-14	1.419381E-14
62821	G	0.0	0.0	0.0	5.325172E-14	1.619182E-14	-2.482483E-13
62829	G	0.0	0.0	0.0	-6.445295E-14	9.803166E-14	-2.277612E-13
62831	G	0.0	0.0	0.0	-2.859374E-14	-3.104999E-15	3.221450E-14
62839	G	0.0	0.0	0.0	-3.561919E-15	1.880084E-15	-1.733842E-14
72811	G	0.0	0.0	0.0	-5.335674E-15	9.192283E-14	3.109872E-13
72819	G	0.0	0.0	0.0	3.235498E-15	4.433373E-14	-3.837979E-13
72821	G	0.0	0.0	0.0	-2.162101E-14	1.429974E-14	-1.779307E-13
72829	G	0.0	0.0	0.0	-5.334993E-15	1.253079E-13	-5.548429E-13
72831	G	0.0	0.0	0.0	-3.074445E-15	7.269921E-16	7.542571E-15
72839	G	0.0	0.0	0.0	-7.515950E-16	-8.932412E-17	-8.237601E-16

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 8.380199E 03

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-5.191099E-03	0.0	0.0	0.0	0.0
7079	G	0.0	5.783331E-03	0.0	0.0	0.0	0.0
9571	G	0.0	1.354578E-02	0.0	0.0	0.0	0.0
9579	G	0.0	-1.509736E-02	0.0	0.0	0.0	0.0
9341	S	2.494866E-02	0.0	0.0	0.0	0.0	0.0
9349	G	4.236571E-02	0.0	0.0	0.0	0.0	0.0
9373	S	-1.318390E-14	0.0	0.0	0.0	0.0	0.0
9377	S	8.590351E-15	0.0	0.0	0.0	0.0	0.0
11571	S	0.0	1.477159E-02	0.0	0.0	0.0	0.0
11579	S	0.0	2.146567E-01	0.0	0.0	0.0	0.0
13849	G	5.648332E-01	0.0	0.0	0.0	0.0	0.0
13871	S	0.0	1.130963E-01	0.0	0.0	0.0	0.0
13879	S	0.0	-5.367105E-02	0.0	0.0	0.0	0.0
15643	S	0.0	-1.679573E-01	0.0	0.0	0.0	0.0
15647	S	0.0	1.785869E-01	0.0	0.0	0.0	0.0
18643	S	0.0	0.0	0.0	-2.991164E-14	0.0	0.0
18647	S	0.0	0.0	0.0	3.168962E-13	0.0	0.0
19743	G	0.0	0.0	0.0	-2.284473E-16	0.0	0.0
19747	S	0.0	0.0	0.0	1.262670E-14	0.0	0.0
19763	S	0.0	0.0	0.0	-6.648653E-15	0.0	0.0
19765	S	0.0	0.0	0.0	0.0	1.414525E-05	0.0
19767	S	0.0	0.0	0.0	2.020424E-13	0.0	0.0
21543	S	0.0	0.0	0.0	2.631024E-14	0.0	0.0
21547	S	0.0	0.0	0.0	-4.179679E-13	0.0	0.0
21685	G	-2.397235E-07	0.0	0.0	0.0	2.279148E-05	0.0
29945	G	1.272370E-04	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	4.125037E-15	3.233464E-14	-1.110973E-13
62819	G	0.0	0.0	0.0	-6.926301E-15	-9.352758E-15	-9.218559E-14
62821	G	0.0	0.0	0.0	2.266669E-15	3.585321E-15	-1.273265E-13
62829	G	0.0	0.0	0.0	-4.134249E-15	-2.359554E-15	-2.225599E-13
62831	G	0.0	0.0	0.0	9.319507E-16	-7.301636E-16	7.264226E-15
62839	G	0.0	0.0	0.0	9.336363E-17	7.447776E-16	-6.966449E-15
72811	S	0.0	0.0	0.0	-2.098723E-16	-5.892778E-15	-1.951735E-14
72819	S	0.0	0.0	0.0	-1.622557E-15	1.006422E-14	-4.564011E-14
72821	S	0.0	0.0	0.0	3.495105E-15	7.490535E-16	-9.631827E-14
72829	S	0.0	0.0	0.0	-6.307004E-15	1.960632E-14	-1.866419E-13
72831	G	0.0	0.0	0.0	-3.925296E-15	1.278526E-15	1.326476E-14
72839	G	0.0	0.0	0.0	-4.841348E-16	-2.616220E-16	-2.412717E-15

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 8.954926E 03

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-2.493280E-03	0.0	0.0	0.0	0.0
7079	G	0.0	1.387459E-02	0.0	0.0	0.0	0.0
8571	G	0.0	6.402131E-03	0.0	0.0	0.0	0.0
8579	G	0.0	-3.634382E-02	0.0	0.0	0.0	0.0
9341	G	-2.755713E-01	0.0	0.0	0.0	0.0	0.0
9349	G	1.325284E-01	0.0	0.0	0.0	0.0	0.0
9373	G	2.528949E-13	0.0	0.0	0.0	0.0	0.0
9377	G	-3.776979E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	2.756469E-01	0.0	0.0	0.0	0.0
11579	G	0.0	-7.482380E-02	0.0	0.0	0.0	0.0
13849	G	8.262431E-01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	1.289395E 00	0.0	0.0	0.0	0.0
13879	G	0.0	1.871207E 00	0.0	0.0	0.0	0.0
15633	G	0.0	1.349784E 01	0.0	0.0	0.0	0.0
15637	G	0.0	9.846911E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-3.545626E-12	0.0	0.0
18647	G	0.0	0.0	0.0	1.818924E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-3.403786E-14	0.0	0.0
19747	G	0.0	0.0	0.0	4.664881E-13	0.0	0.0
19763	G	0.0	0.0	0.0	-9.772946E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-5.114619E-04	0.0
19767	G	0.0	0.0	0.0	7.442871E-12	0.0	0.0
21343	G	0.0	0.0	0.0	3.258653E-12	0.0	0.0
21347	G	0.0	0.0	0.0	-3.381232E-12	0.0	0.0
21485	G	-1.699134E-05	0.0	0.0	0.0	1.806517E-04	0.0
29945	G	-2.092395E-04	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	3.293809E-13	2.613491E-12	-8.976577E-12
62819	G	0.0	0.0	0.0	-5.179060E-13	-1.294179E-12	-1.242844E-11
62821	G	0.0	0.0	0.0	3.011207E-13	2.141299E-13	-1.412254E-11
62829	G	0.0	0.0	0.0	-5.871541E-13	-1.158963E-12	-2.685099E-11
62831	G	0.0	0.0	0.0	-1.673127E-13	-8.573215E-14	8.894746E-13
62839	G	0.0	0.0	0.0	-1.896448E-14	7.255757E-14	-6.691369E-13
72811	G	0.0	0.0	0.0	3.067877E-13	-2.553511E-12	-8.759161E-12
72819	G	0.0	0.0	0.0	-5.230521E-13	1.292836E-12	-1.242690E-11
72821	G	0.0	0.0	0.0	3.347136E-13	-1.996100E-13	-1.405118E-11
72829	G	0.0	0.0	0.0	-6.055716E-13	1.186180E-12	-2.681150E-11
72831	G	0.0	0.0	0.0	-1.776299E-13	9.538252E-14	9.895973E-13
72839	G	0.0	0.0	0.0	-2.004324E-14	-7.066738E-14	-6.517049E-13

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 1.056438E 04

FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-4.760829E-02	0.0	0.0	0.0	0.0
7079	G	0.0	-8.155632E-02	0.0	0.0	0.0	0.0
8571	G	0.0	1.247053E-01	0.0	0.0	0.0	0.0
8579	G	0.0	2.134840E-01	0.0	0.0	0.0	0.0
9341	G	2.168777E 00	0.0	0.0	0.0	0.0	0.0
9349	G	-5.552277E-02	0.0	0.0	0.	0.0	0.0
9373	G	-9.553469E-14	0.0	0.0	0.0	0.0	0.0
9377	G	3.206324E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-9.020155E-01	0.0	0.0	0.0	0.0
11579	G	0.0	-8.306853E-01	0.0	0.0	0.0	0.0
13849	G	1.168144E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	5.301402E-02	0.0	0.0	0.0	0.0
13879	G	0.0	9.044428E-01	0.0	0.0	0.0	0.0
15633	G	0.0	1.186556E 01	0.0	0.0	0.0	0.0
15637	G	0.0	1.304998E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-1.752366E-12	0.0	0.0
18647	G	0.0	0.0	0.0	1.593460E-12	0.0	0.0
19743	G	0.0	0.0	0.0	-1.605827E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-2.094545E-13	0.0	0.0
19763	G	0.0	0.0	0.0	-4.560489E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	7.552442E-04	0.0
19767	G	0.0	0.0	0.0	-3.350319E-12	0.0	0.0
21343	G	0.0	0.0	0.0	4.561775E-13	0.0	0.0
21347	G	0.0	0.0	0.0	-1.471203E-12	0.0	0.0
21485	G	-5.194941E-06	0.0	0.0	0.0	-2.440770E-04	0.0
29945	G	-3.454624E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	2.546042E-13	1.642634E-12	-5.678066E-12
62819	G	0.0	0.0	0.0	-2.724646E-13	-8.159263E-13	-7.727504E-12
62821	G	0.0	0.0	0.0	1.092874E-13	1.483843E-13	-8.764113E-12
62829	G	0.0	0.0	0.0	-2.637175E-13	-7.309476E-13	-1.663446E-11
62831	G	0.0	0.0	0.0	-3.167614E-14	-3.796920E-14	3.939217E-13
62839	G	0.0	0.0	0.0	-2.225246E-15	4.753676E-14	-4.383910E-13
72811	G	0.0	0.0	0.0	3.196134E-13	-1.818709E-12	-6.315314E-12
72819	G	0.0	0.0	0.0	-2.527165E-13	8.144890E-13	-7.675356E-12
72821	G	0.0	0.0	0.0	4.065243E-14	-1.868824E-13	-9.041559E-12
72829	G	0.0	0.0	0.0	-2.067203E-13	6.539206E-13	-1.678443E-11
72831	G	0.0	0.0	0.0	1.748465E-14	3.995842E-14	4.145702E-13
72839	G	0.0	0.0	0.0	3.873986E-15	-4.964244E-14	-4.578098E-13

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.174621E 04

FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	6.936759E-02	0.0	0.0	0.0	0.0
7079	G	0.0	-4.719024E-02	0.0	0.0	0.0	0.0
8571	G	0.0	-1.811550E-01	0.0	0.0	0.0	0.0
8579	G	0.0	1.230710E-01	0.0	0.0	0.0	0.0
9341	G	-6.265889E-01	0.0	0.0	0.0	0.0	0.0
9349	G	-3.384788E-01	0.0	0.0	0.0	0.0	0.0
9373	G	-3.135270E-13	0.0	0.0	0.0	0.0	0.0
9377	G	-3.488321E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	2.264752E-01	0.0	0.0	0.0	0.0
11579	G	0.0	-1.975550E 00	0.0	0.0	0.0	0.0
13869	G	-7.403288E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	-9.609538E-02	0.0	0.0	0.0	0.0
13879	G	0.0	-6.252283E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-1.334254E 01	0.0	0.0	0.0	0.0
15637	G	0.0	1.563378E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	3.126696E-14	0.0	0.0
18647	G	0.0	0.0	0.0	-2.579433E-11	0.0	0.0
19743	G	0.0	0.0	0.0	1.197714E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-1.492122E-12	0.0	0.0
19763	G	0.0	0.0	0.0	2.838152E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	4.231136E-03	0.0
19767	G	0.0	0.0	0.0	-2.384651E-11	0.0	0.0
21343	G	0.0	0.0	0.0	6.663604E-13	0.0	0.0
21347	G	0.0	0.0	0.0	-1.399583E-11	0.0	0.0
21485	G	-4.740432E-06	0.0	0.0	0.0	-1.047327E-03	0.0
29945	G	-2.383677E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-9.736266E-14	-1.997689E-13	7.409092E-13
62819	G	0.0	0.0	0.0	-4.334188E-14	-1.592876E-14	-2.269033E-13
62821	G	0.0	0.0	0.0	1.680837E-13	-6.047349E-14	1.637696E-13
62829	G	0.0	0.0	0.0	-1.049647E-13	-1.103365E-13	-1.535480E-13
62831	G	0.0	0.0	0.0	-9.172708E-14	-4.945439E-15	5.130914E-14
62839	G	0.0	0.0	0.0	-1.113974E-14	-2.845307E-15	2.623984E-14
72811	G	0.0	0.0	0.0	2.167433E-13	-3.657048E-13	-1.385550E-12
72819	G	0.0	0.0	0.0	9.464364E-14	9.187350E-14	-6.194755E-13
72821	G	0.0	0.0	0.0	-2.640905E-13	-9.679887E-14	-1.156300E-12
72829	G	0.0	0.0	0.0	2.411752E-13	2.322772E-15	-1.757461E-12
72831	G	0.0	0.0	0.0	1.714861E-13	6.437159E-15	6.678577E-14
72839	G	0.0	0.0	0.0	2.276700E-14	-7.145983E-15	-6.590128E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.273281E 04

FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-5.947512E-03	0.0	0.0	0.0	0.0
7079	G	0.0	2.932327E-04	0.0	0.0	0.0	0.0
8571	G	0.0	1.553789E-02	0.0	0.0	0.0	0.0
8579	G	0.0	-7.485163E-04	0.0	0.0	0.0	0.0
9341	G	1.377676E-01	0.0	0.0	0.0	0.0	0.0
9349	G	-1.035501E-02	0.0	0.0	0.0	0.0	0.0
9373	G	4.056651E-15	0.0	0.0	0.0	0.0	0.0
9377	G	2.203793E-14	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-3.817941E-02	0.0	0.0	0.0	0.0
11579	G	0.0	6.692010E-02	0.0	0.0	0.0	0.0
13849	G	4.905637E-01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	9.320641E-02	0.0	0.0	0.0	0.0
13879	G	0.0	6.234065E-02	0.0	0.0	0.0	0.0
15633	G	0.0	1.379473E 01	0.0	0.0	0.0	0.0
15637	G	0.0	8.837555E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	9.227315E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-1.260078E-12	0.0	0.0
19743	G	0.0	0.0	0.0	1.547113E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-4.493020E-14	0.0	0.0
19763	G	0.0	0.0	0.0	4.680713E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-2.580765E-04	0.0
19767	G	0.0	0.0	0.0	-7.056397E-13	0.0	0.0
21343	G	0.0	0.0	0.0	5.965953E-13	0.0	0.0
21347	G	0.0	0.0	0.0	-8.511026E-13	0.0	0.0
21485	G	6.697055E-07	0.0	0.0	0.0	4.614996E-05	0.0
29945	G	1.844477E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	1.926535E-13	1.082211E-14	-1.822869E-13
62819	G	0.0	0.0	0.0	1.683531E-13	-1.847642E-14	1.740723E-13
62821	G	0.0	0.0	0.0	-2.543189E-13	5.077339E-14	3.475028E-14
62829	G	0.0	0.0	0.0	3.335584E-13	-2.431536E-14	2.437824E-13
62831	G	0.0	0.0	0.0	1.789223E-13	1.083876E-15	-1.124526E-14
62839	G	0.0	0.0	0.0	2.405684E-14	-1.719896E-16	1.586113E-15
72811	G	0.0	0.0	0.0	1.741473E-13	9.990960E-15	-9.875087E-14
72819	G	0.0	0.0	0.0	1.582540E-13	9.945983E-15	2.289501E-13
72821	G	0.0	0.0	0.0	-2.245592E-13	-4.271569E-14	1.166916E-13
72829	G	0.0	0.0	0.0	3.094562E-13	1.828111E-14	3.902001E-13
72831	G	0.0	0.0	0.0	1.614399E-13	-1.522260E-15	-1.579351E-14
72839	G	0.0	0.0	0.0	2.171383E-14	7.050084E-16	6.501689E-15

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.512034E 04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	3.696049E-02	0.0	0.0	0.0	0.0
7079	G	0.0	1.168149E-02	0.0	0.0	0.0	0.0
8571	G	0.0	-9.673321E-02	0.0	0.0	0.0	0.0
8579	G	0.0	-3.084202E-02	0.0	0.0	0.0	0.0
9341	G	-8.024047E-01	0.0	0.0	0.0	0.0	0.0
9349	G	-1.872992E-01	0.0	0.0	0.0	0.0	0.0
9373	G	-1.254413E-13	0.0	0.0	0.0	0.0	0.0
9377	G	-3.395062E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	6.444808E-01	0.0	0.0	0.0	0.0
11579	G	0.0	-9.237977E-01	0.0	0.0	0.0	0.0
13849	G	-7.975780E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	3.671343E-01	0.0	0.0	0.0	0.0
13879	G	0.0	-8.287795E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-5.210546E 00	0.0	0.0	0.0	0.0
15637	G	0.0	-9.996403E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-2.702657E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-1.174010E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-1.102301E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-1.496537E-13	0.0	0.0
19763	G	0.0	0.0	0.0	-5.296073E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	1.183221E-03	0.0
19767	G	0.0	0.0	0.0	-2.489053E-12	0.0	0.0
21343	G	0.0	0.0	0.0	-1.482965E-13	0.0	0.0
21347	G	0.0	0.0	0.0	2.196725E-12	0.0	0.0
21485	G	-2.664330E-05	0.0	0.0	0.0	-1.652849E-04	0.0
29945	G	-8.316830E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-2.014684E-12	-6.011852E-12	2.160254E-11
62819	G	0.0	0.0	0.0	-2.330185E-14	2.835739E-12	2.491635E-11
62821	G	0.0	0.0	0.0	1.296433E-12	-9.212084E-13	2.976848E-11
62829	G	0.0	0.0	0.0	-1.169520E-12	2.273616E-12	5.626700E-11
62831	G	0.0	0.0	0.0	-1.104609E-12	1.960605E-13	-2.034136E-12
62839	G	0.0	0.0	0.0	-1.691806E-13	-1.596291E-13	1.472123E-12
72811	G	0.0	0.0	0.0	-1.880139E-12	5.743297E-12	2.060374E-11
72819	G	0.0	0.0	0.0	3.416922E-14	-2.809979E-12	2.480452E-11
72821	G	0.0	0.0	0.0	1.132297E-12	8.527992E-13	2.917142E-11
72829	G	0.0	0.0	0.0	-1.025379E-12	-2.344364E-12	5.569073E-11
72831	G	0.0	0.0	0.0	-1.006847E-12	-1.959015E-13	-2.032486E-12
72839	G	0.0	0.0	0.0	-1.561787E-13	1.554656E-13	1.433726E-12

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.553435E 04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-5.537030E-03	0.0	0.0	0.0	0.0
7079	G	0.0	5.447179E-03	0.0	0.0	0.0	0.0
8571	G	0.0	1.445137E-02	0.0	0.0	0.0	0.0
8579	G	0.0	-1.422055E-02	0.0	0.0	0.0	0.0
9341	G	2.891087E-02	0.0	0.0	0.0	0.0	0.0
9349	G	3.233138E-02	0.0	0.0	0.0	0.0	0.0
9373	G	5.620504E-15	0.0	0.0	0.0	0.0	0.0
9377	G	-6.147860E-15	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	4.069738E-03	0.0	0.0	0.0	0.0
11579	G	0.0	1.355131E-01	0.0	0.0	0.0	0.0
13849	G	2.553965E-01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	1.221490E-01	0.0	0.0	0.0	0.0
13879	G	0.0	-1.633760E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-2.922513E 00	0.0	0.0	0.0	0.0
15637	G	0.0	3.013004E 00	0.0	0.0	0.0	0.0
19643	G	0.0	0.0	0.0	8.341309E-16	0.0	0.0
19647	G	0.0	0.0	0.0	6.280303E-13	0.0	0.0
19743	G	0.0	0.0	0.0	2.728353E-17	0.0	0.0
19747	G	0.0	0.0	0.0	3.176937E-14	0.0	0.0
19763	G	0.0	0.0	0.0	-3.017928E-17	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-1.872669E-04	0.0
19767	G	0.0	0.0	0.0	5.076751E-13	0.0	0.0
21343	G	0.0	0.0	0.0	-3.039971E-15	0.0	0.0
21347	G	0.0	0.0	0.0	-1.824209E-14	0.0	0.0
21485	G	-2.824785E-07	0.0	0.0	0.0	-7.356895E-05	0.0
29965	G	-5.276244E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	2.432413E-15	-1.501423E-14	4.830177E-14
62819	G	0.0	0.0	0.0	[illegible]	1.143095E-14	1.169944E-13
62821	G	0.0	0.0	0.0	-1.433152E-14	1.744423E-15	1.097418E-13
62829	G	0.0	0.0	0.0	[illegible]	1.381284E-14	2.240657E-13
62831	G	0.0	0.0	0.0	4.091301E-15	4.573326E-16	-4.744845E-15
62839	G	0.0	0.0	0.0	1.135576E-15	-5.290708E-16	4.879167E-15
72811	G	0.0	0.0	0.0	-2.965432E-14	7.185772E-14	2.624363E-13
72819	G	0.0	0.0	0.0	-6.561311E-15	-2.940151E-14	2.450990E-13
72821	G	0.0	0.0	0.0	3.174375E-14	1.769537E-14	3.166868E-13
72829	G	0.0	0.0	0.0	-2.822124E-14	-1.815 49E-14	5.874032E-13
72831	G	0.0	0.0	0.0	-2.199832E-14	-1.616215E-15	-1.676830E-14
72839	G	0.0	0.0	0.0	-3.333551E-15	1.855291E-15	1.710976E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 1.646954E 04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	5.3466196-02	0.0	0.0	0.0	0.0
7079	G	0.0	6.9959636-02	0.0	0.0	0.0	0.0
8571	G	0.0	-1.3255486-01	0.0	0.0	0.0	0.0
8579	G	0.0	-1.8370596-01	0.0	0.0	0.0	0.0
9341	G	-2.446218E 00	0.0	0.0	0.0	0.0	0.0
9349	G	1.488118E-01	0.0	0.0	0.0	0.0	0.0
9373	G	-7.926992E-14	0.0	0.0	0.0	0.0	0.0
9377	G	-3.419487E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	1.822542E 00	0.0	0.0	0.0	0.0
11579	G	0.0	-1.675007E 00	0.0	0.0	0.0	0.0
13849	G	-2.116727E 01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	1.768553E 00	0.0	0.0	0.0	0.0
13879	G	0.0	-1.873176E 00	0.0	0.0	0.0	0.0
15633	G	0.0	7.330785E 01	0.0	0.0	0.0	0.0
15637	G	0.0	7.047533E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	1.581523E-12	0.0	0.0
18647	G	0.0	0.0	0.0	-1.007328E-12	0.0	0.0
19743	G	0.0	0.0	0.0	4.155276E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-3.658493E-13	0.0	0.0
19763	G	0.0	0.0	0.0	1.360330E-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-1.217613E-04	0.0
19767	G	0.0	0.0	0.0	-5.765430E-12	0.0	0.0
21343	G	0.0	0.0	0.0	3.034473E-12	0.0	0.0
21347	G	0.0	0.0	0.0	-5.860951E-12	0.0	0.0
21485	G	-3.124685E-06	0.0	0.0	0.0	-8.914071E-05	0.0
29945	G	-6.705658E-04	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	1.189266E-12	1.540238E-12	-6.045206E-12
62819	G	0.0	0.0	0.0	5.699852E-13	-9.215779E-13	-6.972675E-12
62821	G	0.0	0.0	0.0	-1.302207E-12	4.106311E-13	-8.396481E-12
62829	G	0.0	0.0	0.0	1.432902E-12	-9.316367E-13	-1.597303E-11
62831	G	0.0	0.0	0.0	9.108322E-13	-5.168615E-14	5.362459E-13
62839	G	0.0	0.0	0.0	1.274052E-13	4.465859E-14	-4.118481E-13
72811	G	0.0	0.0	0.0	1.194253E-12	-1.604594E-12	-6.243882E-12
72819	G	0.0	0.0	0.0	5.647906E-13	8.974880E-13	-6.770999E-12
72821	G	0.0	0.0	0.0	-1.278398E-12	-4.163803E-13	-8.376997E-12
72829	G	0.0	0.0	0.0	1.417897E-12	8.666390E-13	-1.562320E-11
72831	G	0.0	0.0	0.0	9.039111E-13	5.460128E-14	5.664905E-13
72839	G	0.0	0.0	0.0	1.258652E-13	-4.417159E-14	-4.073569E-13

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 2.166079E 04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7371	G	0.0	-7.[illegible]79E-03	0.0	0.0	0.0	0.0
7379	G	0.0	7.[illegible]97E-03	0.0	0.0	0.0	0.0
8571	G	0.0	1.998337E-02	0.0	0.0	0.0	0.0
8579	G	0.0	-1.840504E-02	0.0	0.0	0.0	0.0
9341	G	[illegible]	0.0	0.0	0.0	0.0	0.0
9349	G	[illegible]	0.0	0.0	0.0	0.0	0.0
9373	G	-7.877379E-15	0.0	0.0	0.0	0.0	0.0
9377	G	-6.357660E-15	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-9.403980E-03	0.0	0.0	0.0	0.0
11579	G	0.0	2.[illegible]15E-01	0.0	0.0	0.0	0.0
13849	G	[illegible]	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	[illegible]	0.0	0.0	0.0	0.0
13879	G	0.0	-2.[illegible]E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-3.[illegible]E 00	0.0	0.0	0.0	0.0
15637	G	0.0	2.[illegible]E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-3.662872E-14	0.0	0.0
18647	G	0.0	0.0	0.0	-7.769116E-14	0.0	0.0
19743	G	0.0	0.0	0.0	-6.980[illegible]E-16	0.0	0.0
19747	G	0.0	0.0	0.0	-2.[illegible]E-14	0.0	0.0
19763	G	0.0	0.0	0.0	-1.854360E-14	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-6.[illegible]E-16	0.0
19767	G	0.0	0.0	0.0	-4.[illegible]E-14	0.0	0.0
21343	G	0.0	0.0	0.0	[illegible]	0.0	0.0
21347	G	0.0	0.0	0.0	-8.[illegible]E-14	0.0	0.0
21445	G	[illegible]	0.0	0.0	0.0	-5.140449E-04	0.0
29945	G	-4.[illegible]E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-3.591349E-14	-1.594201E-14	8.048038E-14
62819	G	0.0	0.0	0.0	-2.513829E-14	1.746361E-14	1.034559E-13
62821	G	0.0	0.0	0.0	5.621036E-14	-1.185549E-14	1.359181E-13
62829	G	0.0	0.0	0.0	-5.175025E-14	2.424718E-14	2.295829E-13
62831	G	0.0	0.0	0.0	-2.872083E-14	6.237233E-16	-6.471136E-15
62839	G	0.0	0.0	0.0	-3.[illegible]57E-15	-5.695765E-16	5.252719E-15
72411	G	0.0	0.0	0.0	[illegible]575E-14	-2.042177E-14	-9.546704E-14
72819	G	0.0	0.0	0.0	2.401745E-14	1.880970E-14	-1.175470E-13
72821	G	0.0	0.0	0.0	-5.481519E-14	-1.215626E-14	-1.547446E-13
72829	G	0.0	0.0	0.0	5.[illegible]406E-14	2.463904E-14	-2.620003E-13
72831	G	0.0	0.0	0.0	2.[illegible]64E-14	9.184552E-16	-9.529009E-15
72839	G	0.0	0.0	0.0	3.858157E-15	-6.520892E-16	-6.013659E-15

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = ...

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	1.1191952E-02	0.0	0.0	0.0	0.0
7079	G	0.0	1.1696817E-02	0.0	0.0	0.0	0.0
8571	G	0.0	-2.9094447E-02	0.0	0.0	0.0	0.0
8579	G	0.0	-3.3995438E-02	0.0	0.0	0.0	0.0
9341	G	-3.5[illegible]E-01	0.0	0.0	0.0	0.0	0.0
9349	G	-2.1[illegible]E-02	0.0	0.0	0.0	0.0	0.0
9371	G	-9.2[illegible]E-15	0.0	0.0	0.0	0.0	0.0
9379	G	2.0[illegible]E-14	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-1.2[illegible]E-01	0.0	0.0	0.0	0.0
11579	G	0.0	6.2[illegible]E-01	0.0	0.0	0.0	0.0
13941	G	-4.[illegible]E-01	0.0	0.0	0.0	0.0	0.0
13949	G	0.0	-1.5[illegible]E-00	0.0	0.0	0.0	0.0
13979	G	0.0	-1.8[illegible]E-00	0.0	0.0	0.0	0.0
15641	G	0.0	-2.6[illegible]E-01	0.0	0.0	0.0	0.0
15697	G	0.0	-1.7[illegible]E-00	0.0	0.0	0.0	0.0
15943	G	0.0	0.0	0.0	1.0[illegible]E-12	0.0	0.0
15947	G	0.0	0.0	0.0	-3.3[illegible]E-12	0.0	0.0
19743	G	0.0	0.0	0.0	7.4[illegible]E-15	0.0	0.0
19747	G	0.0	0.0	0.0	-8.6[illegible]E-14	0.0	0.0
19763	G	0.0	0.0	0.0	3.1[illegible]E-13	0.0	0.0
19767	G	0.0	0.0	0.0	0.0	-5.[illegible]E-05	0.0
19967	G	0.0	0.0	0.0	-1.3[illegible]E-12	0.0	0.0
21943	G	0.0	0.0	0.0	-1.[illegible]E-12	0.0	0.0
21947	G	0.0	0.0	0.0	5.0[illegible]E-12	0.0	0.0
21965	G	3.19[illegible]E-06	0.0	0.0	0.0	-6.5[illegible]E-05	0.0
29945	G	2.1[illegible]E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	3.6549[illegible]E-13	-6.4098[illegible]E-14	-6.3[illegible]E-14
62819	G	0.0	0.0	0.0	3.4733[illegible]E-13	1.0[illegible]E-13	1.589[illegible]E-12
62821	G	0.0	0.0	0.0	-5.0[illegible]E-13	1.3[illegible]E-13	1.12[illegible]E-12
62829	G	0.0	0.0	0.0	5.3[illegible]E-13	1.3[illegible]E-13	3.162[illegible]E-12
62831	G	0.0	0.0	0.0	3.2757[illegible]E-13	6.6194657E-15	-6.867711E-14
62839	G	0.0	0.0	0.0	4.3081[illegible]E-14	-6.9223[illegible]E-15	6.383912E-14
72811	G	0.0	0.0	0.0	4.3950[illegible]E-13	2.9153[illegible]E-14	-2.133[illegible]E-13
72819	G	0.0	0.0	0.0	3.7483[illegible]E-13	-7.1938[illegible]E-14	1.382932E-12
72821	G	0.0	0.0	0.0	-6.5[illegible]E-13	-1.2560[illegible]E-13	8.969[illegible]E-13
72829	G	0.0	0.0	0.0	7.0[illegible]E-13	-1.077[illegible]E-13	2.680929E-12
72831	G	0.0	0.0	0.0	3.6479[illegible]E-13	-8.8239[illegible]E-15	-9.[illegible]E-14
72839	G	0.0	0.0	0.0	4.8565[illegible]E-14	5.2291[illegible]E-15	6.822[illegible]E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.371401E 04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-1.194990E-01	0.0	0.0	0.0	0.0
7079	G	0.0	1.093325E-01	0.0	0.0	0.0	0.0
8571	G	0.0	3.119652E-01	0.0	0.0	0.0	0.0
8579	G	0.0	-2.853495E-01	0.0	0.0	0.0	0.0
9341	G	4.730871E-01	0.0	0.0	0.0	0.0	0.0
9349	G	4.295245E-01	0.0	0.0	0.0	0.0	0.0
9373	G	1.885644E-14	0.0	0.0	0.0	0.0	0.0
9377	G	3.326506E-14	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-4.001536E-01	0.0	0.0	0.0	0.0
11579	G	0.0	3.360806E 00	0.0	0.0	0.0	0.0
13849	G	3.940139E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	2.233916E 00	0.0	0.0	0.0	0.0
13879	G	0.0	-3.378121E 00	0.0	0.0	0.0	0.0
15633	G	0.0	-5.426396E 01	0.0	0.0	0.0	0.0
15637	G	0.0	5.327646E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-1.551471E-12	0.0	0.0
18647	G	0.0	0.0	0.0	2.556123E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-7.704080E-14	0.0	0.0
19747	G	0.0	0.0	0.0	1.563293E-12	0.0	0.0
19763	G	0.0	0.0	0.0	-1.852601E-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-1.304763E-02	0.0
19767	G	0.0	0.0	0.0	2.475478E-11	0.0	0.0
21343	G	0.0	0.0	0.0	6.198337E-13	0.0	0.0
21347	G	0.0	0.0	0.0	5.836618E-12	0.0	0.0
21485	G	-1.246362E-04	0.0	0.0	0.0	-3.220203E-03	0.0
29945	G	-1.004129E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-1.709295E-12	-1.219784E-12	5.369684E-12
62819	G	0.0	0.0	0.0	-1.123895E-12	9.960886E-13	6.520780E-12
62821	G	0.0	0.0	0.0	2.669825E-12	-6.462[illegible]3E-13	8.131119E-12
62829	G	0.0	0.0	0.0	-2.542386E-12	1.150019E-12	1.584620E-11
62831	G	0.0	0.0	0.0	-1.505145E-12	6.494734E-14	-6.738315E-13
62839	G	0.0	0.0	0.0	-2.163165E-13	-4.014098E-14	3.701860E-13
72811	G	0.0	0.0	0.0	1.704495E-12	-1.271211E-12	-5.537766E-12
72819	G	0.0	0.0	0.0	1.105114E-12	1.026581E-12	-6.626769E-12
72821	G	0.0	0.0	0.0	-2.667477E-12	-6.484441E-13	-8.481834E-12
72829	G	0.0	0.0	0.0	2.520330E-12	1.182690E-12	-1.661722E-11
72831	G	0.0	0.0	0.0	1.509233E-12	7.786339E-14	8.078363E-13
72839	G	0.0	0.0	0.0	2.172791E-13	-4.103157E-14	-3.783992E-13

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.445307E 04

FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-1.045698E-01	0.0	0.0	0.0	0.0
7079	G	0.0	9.957744E-02	0.0	0.0	0.0	0.0
8571	G	0.0	2.729746E-01	0.0	0.0	0.0	0.0
8579	G	0.0	-2.598874E-01	0.0	0.0	0.0	0.0
9341	G	4.417199E-01	0.0	0.0	0.0	0.0	0.0
9349	G	4.702693E-01	0.0	0.0	0.0	0.0	0.0
9373	G	8.400225E-14	0.0	0.0	0.0	0.0	0.0
9377	G	8.729129E-15	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-2.026131E-01	0.0	0.0	0.0	0.0
11579	G	0.0	3.322158E 00	0.0	0.0	0.0	0.0
13849	G	3.637434E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	3.005808E 00	0.0	0.0	0.0	0.0
13879	G	0.0	-4.246139E 00	0.0	0.0	0.0	0.0
15633	G	0.0	-2.428706E 01	0.0	0.0	0.0	0.0
15637	G	0.0	1.892561E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	7.562840E-13	0.0	0.0
18647	G	0.0	0.0	0.0	7.973055E-12	0.0	0.0
19743	G	0.0	0.0	0.0	3.961589E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-4.083271E-13	0.0	0.0
19763	G	0.0	0.0	0.0	9.541161E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	1.305835E-03	0.0
19767	G	0.0	0.0	0.0	-6.422337E-12	0.0	0.0
21343	G	0.0	0.0	0.0	1.554759E-12	0.0	0.0
21347	G	0.0	0.0	0.0	-2.152355E-11	0.0	0.0
21485	G	-4.142686E-04	0.0	0.0	0.0	-1.047697E-02	0.0
29945	G	-6.290722E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	1.143686E-12	1.305165E-12	-5.223[illegible]E-12
62819	G	0.0	0.0	0.0	6.680506E-13	-3.977040E-13	-2.164893E-12
62821	G	0.0	0.0	0.0	-1.531657E-12	4.554636E-13	-4.642145E-12
62829	G	0.0	0.0	0.0	1.462656E-12	-1.480449E-13	-4.039728E-12
62831	G	0.0	0.0	0.0	8.109998E-13	-3.248376E-14	3.370203E-13
62839	G	0.0	0.0	0.0	1.118042E-13	2.118368E-14	-1.953590E-13
72811	G	0.0	0.0	0.0	-1.245268E-12	1.367948E-12	5.512400E-12
72819	G	0.0	0.0	0.0	-7.417035E-13	-4.092086E-13	2.118844E-12
72821	G	0.0	0.0	0.0	1.707159E-12	4.960232E-13	4.700188E-12
72829	G	0.0	0.0	0.0	-1.611011E-12	-1.260572E-13	5.925082E-12
72831	G	0.0	0.0	0.0	-8.856736E-13	-1.581325E-14	-1.640632E-13
72839	G	0.0	0.0	0.0	-1.216985E-13	2.348228E-14	2.165570E-13

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.556380E 06

F O R C E S [illegible] S I N G L E - P O I N T [illegible] C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	[illegible]	0.0	0.0	0.0	0.0
7079	G	0.0	-3.887435[illegible]E-04	0.0	0.0	0.0	0.0
8571	G	0.0	9.933887E-03	0.0	0.0	0.0	0.0
8579	G	0.0	1.011607[illegible]E-03	0.0	0.0	0.0	0.0
9341	G	6.815541E-02	0.0	0.0	0.0	0.0	0.0
9349	G	1.422921E-02	0.0	0.0	0.0	0.0	0.0
9373	G	2.432343E-14	0.0	0.0	0.0	0.0	0.0
9377	G	1.804112E-15	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	2.[illegible]397246E-01	0.0	0.0	0.0	0.0
11579	G	0.0	-1.[illegible]933467E-02	0.0	0.0	0.0	0.0
13849	G	-3.133234E-01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	1.[illegible]546816E-01	0.0	0.0	0.0	0.0
13879	G	0.0	-4.0666831E-03	0.0	0.0	0.0	0.0
15633	G	0.0	2.7748[illegible]1E-02	0.0	0.0	0.0	0.0
15637	G	0.0	2.[illegible]459932E-02	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	3.514[illegible]45E-14	0.0	0.0
18647	G	0.0	0.0	0.0	5.11[illegible]523E-13	0.0	0.0
19743	G	0.0	0.0	0.0	-2.[illegible]16121E-15	0.0	0.0
19747	G	0.0	0.0	0.0	-2.[illegible]48[illegible]3E-16	0.0	0.0
19763	G	0.0	0.0	0.0	-4.961221E-14	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	6.7[illegible]26[illegible]7E-05	0.0
19767	G	0.0	0.0	0.0	7.698893E-15	0.0	0.0
21343	G	0.0	0.0	0.0	-6.663462E-13	0.0	0.0
21347	G	0.0	0.0	0.0	1.[illegible]35397E-12	0.0	0.0
21485	G	-1.270345E-05	0.0	0.0	0.0	-2.[illegible]42[illegible]0E-04	0.0
29945	G	-2.787473E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	9.[illegible]14[illegible]1E-14	1.3609[illegible]E-13	-[illegible]
62819	G	0.0	0.0	0.0	5.060226E-14	-3.[illegible]23[illegible]6E-14	-1.[illegible]E-13
62821	G	0.0	0.0	0.0	-1.[illegible]56120E-13	4.[illegible]E-14	-3.[illegible]E-13
62829	G	0.0	0.0	0.0	1.227316E-13	-1.[illegible]E-14	-5.[illegible]E-13
62831	G	0.0	0.0	0.0	7.[illegible]E-14	-1.[illegible]E-13	[illegible]
62839	G	0.0	0.0	0.0	9.864475E-15	2.[illegible]E-13	-1.[illegible]E-13
72811	G	0.0	0.0	0.0	4.946215E-14	-6.[illegible]E-14	-2.[illegible]E-13
72819	G	0.0	0.0	0.0	2.[illegible]E-14	1.[illegible]E-14	-9.[illegible]E-14
72821	G	0.0	0.0	0.0	-9.269405E-14	-2.[illegible]E-14	-2.[illegible]E-13
72829	G	0.0	0.0	0.0	6.257228E-14	4.455[illegible]E-15	-2.[illegible]E-13
72831	G	0.0	0.0	0.0	4.[illegible]E-14	-4.[illegible]E-14	-4.[illegible]E-13
72839	G	0.0	0.0	0.0	5.[illegible]E-15	-1.[illegible]E-13	-1.[illegible]E-13

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NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 2.869503E 04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	7.923114E-02	0.0	0.0	0.0	0.0
7079	G	0.0	-7.352245E-02	0.0	0.0	0.0	0.0
8571	G	0.0	-2.068700E-01	0.0	0.0	0.0	0.0
8579	G	0.0	1.919048E-01	0.0	0.0	0.0	0.0
9341	G	-1.205953E-01	0.0	0.0	0.0	0.0	0.0
9349	G	-1.496714E-01	0.0	0.0	0.0	0.0	0.0
9373	G	-2.542064E-14	0.0	0.0	0.0	0.0	0.0
9377	G	4.315992E-15	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	5.388066E-01	0.0	0.0	0.0	0.0
11579	G	0.0	-1.878716E 00	0.0	0.0	0.0	0.0
13869	G	-5.716706E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	6.585564E-01	0.0	0.0	0.0	0.0
13879	G	0.0	-7.869356E-01	0.0	0.0	0.0	0.0
15633	G	0.0	2.433350E 01	0.0	0.0	0.0	0.0
15637	G	0.0	-2.101759E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	2.313461E-14	0.0	0.0
18647	G	0.0	0.0	0.0	-8.136504E-12	0.0	0.0
19743	G	0.0	0.0	0.0	-3.758736E-15	0.0	0.0
19747	G	0.0	0.0	0.0	-8.381203E-16	0.0	0.0
19763	G	0.0	0.0	0.0	-8.715018E-14	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-2.320928E-03	0.0
19767	G	0.0	0.0	0.0	-2.599823E-14	0.0	0.0
21343	G	0.0	0.0	0.0	6.392726E-13	0.0	0.0
21347	G	0.0	0.0	0.0	1.097612E-11	0.0	0.0
21485	G	-2.467490E-04	0.0	0.0	0.0	-5.254228E-03	0.0
29945	G	7.015693E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-6.530990E-14	-3.817223E-13	1.324153E-12
62819	G	0.0	0.0	0.0	1.855516E-14	-2.366307E-14	-1.711956E-13
62821	G	0.0	0.0	0.0	-1.245146E-14	-5.568708E-14	5.749732E-13
62829	G	0.0	0.0	0.0	-4.284255E-15	-2.058192E-13	1.759966E-13
62831	G	0.0	0.0	0.0	-1.262795E-14	1.736180E-13	-1.801293E-14
62839	G	0.0	0.0	0.0	-1.545602E-15	-4.142449E-15	3.420223E-14
72811	G	0.0	0.0	0.0	5.851580E-14	-3.051917E-13	-1.063436E-12
72819	G	0.0	0.0	0.0	-1.992248E-15	-6.972098E-14	6.097679E-13
72821	G	0.0	0.0	0.0	6.521000E-16	-4.843148E-14	-9.487056E-14
72829	G	0.0	0.0	0.0	1.248671E-14	-2.504761E-13	8.987194E-13
72831	G	0.0	0.0	0.0	-1.626705E-15	-1.187964E-14	-1.232517E-13
72839	G	0.0	0.0	0.0	-1.296894E-15	-2.475381E-15	-2.282833E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 3.245896E 06

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-7.822871E-03	0.0	0.0	0.0	0.0
7079	G	0.0	-4.620921E-03	0.0	0.0	0.0	0.0
8571	G	0.0	2.043694E-02	0.0	0.0	0.0	0.0
8579	G	0.0	1.205380E-02	0.0	0.0	0.0	0.0
9341	G	6.325877E-02	0.0	0.0	0.0	0.0	0.0
9349	G	8.859473E-02	0.0	0.0	0.0	0.0	0.0
9373	G	1.597126E-14	0.0	0.0	0.0	0.0	0.0
9377	G	-1.604273E-14	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	5.307128E-02	0.0	0.0	0.0	0.0
11579	G	0.0	-2.930438E-01	0.0	0.0	0.0	0.0
13869	G	-1.462277E-01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	5.565881E-01	0.0	0.0	0.0	0.0
13879	G	0.0	4.547410E-01	0.0	0.0	0.0	0.0
15633	G	0.0	3.150535E-03	0.0	0.0	0.0	0.0
15637	G	0.0	2.403551E-03	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-6.737420E-15	0.0	0.0
18647	G	0.0	0.0	0.0	3.615173E-13	0.0	0.0
19743	G	0.0	0.0	0.0	-2.240436E-15	0.0	0.0
19747	G	0.0	0.0	0.0	4.553643E-15	0.0	0.0
19763	G	0.0	0.0	0.0	-4.435357E-14	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	5.463573E-06	0.0
19767	G	0.0	0.0	0.0	8.169767E-14	0.0	0.0
21343	G	0.0	0.0	0.0	-4.771557E-13	0.0	0.0
21347	G	0.0	0.0	0.0	1.217978E-12	0.0	0.0
21495	G	-8.034904E-07	0.0	0.0	0.0	-8.721571E-06	0.0
29945	G	-1.903492E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	[illegible]	[illegible]	1.[illegible]7E-13
62819	G	0.0	0.0	0.0	8.643785E-14	5.545420E-14	8.210346E-13
62821	G	0.0	0.0	0.0	-1.[illegible]E-13	1.[illegible]E-14	5.086349E-13
62829	G	0.0	0.0	0.0	9.393604E-14	5.378423E-14	1.403817E-12
62831	G	0.0	0.0	0.0	3.213103E-14	6.710567E-15	-8.962221E-14
62839	G	0.0	0.0	0.0	2.767569E-15	-3.155485E-15	2.910403E-14
72811	G	0.0	0.0	0.0	4.989032E-14	6.741813E-14	1.872680E-13
72819	G	0.0	0.0	0.0	8.404256E-14	-5.717101E-14	8.313569E-13
72821	G	0.0	0.0	0.0	-1.013594E-13	-1.097406E-14	5.217265E-13
72829	G	0.0	0.0	0.0	9.865222E-14	-5.733559E-14	1.432715E-12
72831	G	0.0	0.0	0.0	2.829463E-14	-7.624869E-15	-7.910832E-14
72839	G	0.0	0.0	0.0	2.246425E-15	3.124216E-15	2.881198E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 4.0611796 06

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-2.648290E-01	0.0	0.0	0.0	0.0
7079	G	0.0	1.291515E-01	0.0	0.0	0.0	0.0
8571	G	0.0	6.914406E-01	0.0	0.0	0.0	0.0
8579	G	0.0	-3.370602E-01	0.0	0.0	0.0	0.0
9341	G	1.181917E 00	0.0	0.0	0.0	0.0	0.0
9349	G	5.054611E-01	0.0	0.0	0.0	0.0	0.0
9373	G	5.292988E-14	0.0	0.0	0.0	0.0	0.0
9377	G	-3.455014E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-1.461609E 00	0.0	0.0	0.0	0.0
11579	G	0.0	1.307046E 00	0.0	0.0	0.0	0.0
13849	G	-7.520376E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	5.218814E 00	0.0	0.0	0.0	0.0
13879	G	0.0	1.784440E 00	0.0	0.0	0.0	0.0
15633	G	0.0	-7.445454E 01	0.0	0.0	0.0	0.0
15637	G	0.0	1.320728E 02	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-1.545143E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-1.502855E-11	0.0	0.0
19743	G	0.0	0.0	0.0	7.543738E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-2.044347E-12	0.0	0.0
19763	G	0.0	0.0	0.0	1.736263E-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	2.792088E-02	0.0
19767	G	0.0	0.0	0.0	-3.246418E-11	0.0	0.0
21343	G	0.0	0.0	0.0	1.347838E-13	0.0	0.0
21347	G	0.0	0.0	0.0	-1.576705E-11	0.0	0.0
21485	G	1.959423E-04	0.0	0.0	0.0	1.445511E-03	0.0
29945	G	3.894572E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	6.595603E-14	-4.850069E-13	1.569449E-12
62819	G	0.0	0.0	0.0	2.264370E-13	1.705122E-13	1.953883E-12
62821	G	0.0	0.0	0.0	-2.276082E-13	-6.366865E-16	1.975803E-12
62829	G	0.0	0.0	0.0	3.842910E-13	9.824151E-14	3.800549E-12
62831	G	0.0	0.0	0.0	1.163467E-13	1.985761E-14	-2.060235E-13
62839	G	0.0	0.0	0.0	1.706865E-14	-1.081964E-14	9.978032E-14
72811	G	0.0	0.0	0.0	6.571181E-14	8.883777E-13	2.916529E-12
72819	G	0.0	0.0	0.0	2.682098E-13	-8.147670E-13	7.708788E-12
72821	G	0.0	0.0	0.0	4.701433E-15	1.401021E-13	6.795426E-12
72829	G	0.0	0.0	0.0	-1.038786E-13	-7.755992E-13	1.964730E-11
72831	G	0.0	0.0	0.0	-4.066146E-13	-1.082132E-13	-1.122717E-12
72839	G	0.0	0.0	0.0	-8.500107E-14	4.570779E-14	4.215239E-13

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE = 4.249005E 04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	6.9140926-02	0.0	0.0	0.0	0.0
7079	G	0.0	-1.622664E-01	0.0	0.0	0.0	0.0
8571	G	0.0	-1.8059478-01	0.0	0.0	0.0	0.0
8579	G	0.0	4.2340968-01	0.0	0.0	0.0	0.0
9341	G	1.2472418 00	0.0	0.0	0.0	0.0	0.0
9349	G	3.9472698-01	0.0	0.0	0.0	0.0	0.0
9373	G	2.5737548-13	0.0	0.0	0.0	0.0	0.0
9377	G	1.7610918-14	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	1.1156498 00	0.0	0.0	0.0	0.0
11579	G	0.0	-3.9671398 00	0.0	0.0	0.0	0.0
13849	G	-6.4519578 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	3.6357658 00	0.0	0.0	0.0	0.0
13879	G	0.0	5.3417288 00	0.0	0.0	0.0	0.0
15633	G	0.0	9.1846198 01	0.0	0.0	0.0	0.0
15637	G	0.0	-3.4663638 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-3.672751E-13	0.0	0.0
18647	G	0.0	0.0	0.0	1.498818E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-6.656383E-14	0.0	0.0
19747	G	0.0	0.0	0.0	1.370170E-12	0.0	0.0
19763	G	0.0	0.0	0.0	-1.509418E-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-1.446053E-12	0.0
19767	G	0.0	0.0	0.0	2.180221E-11	0.0	0.0
21343	G	0.0	0.0	0.0	-2.002397E-12	0.0	0.0
21347	G	0.0	0.0	0.0	1.429333E-11	0.0	0.0
21485	G	-8.554494E-05	0.0	0.0	0.0	-2.813454E-04	0.0
29945	G	-2.355467E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	3.442394E-13	-4.138832E-13	1.121183E-12
62819	G	0.0	0.0	0.0	3.943776E-13	6.360637E-13	6.388030E-12
62821	G	0.0	0.0	0.0	-4.529566E-13	1.155373E-14	4.826761E-12
62829	G	0.0	0.0	0.0	2.611432E-13	6.628486E-13	1.597060E-11
62831	G	0.0	0.0	0.0	-1.649717E-13	6.836617E-14	-4.117395E-13
62839	G	0.0	0.0	0.0	-4.735169E-14	-3.477813E-14	3.207290E-13
72411	G	0.0	0.0	0.0	1.557276E-13	3.258507E-13	9.699090E-13
72419	G	0.0	0.0	0.0	2.503787E-13	-9.354275E-14	1.297798E-12
72421	G	0.0	0.0	0.0	-4.920364E-13	-6.472369E-14	1.273882E-12
72429	G	0.0	0.0	0.0	4.659441E-13	-3.122657E-14	2.191458E-12
72431	G	0.0	0.0	0.0	2.350114E-13	-1.032218E-1	-1.070930E-13
72439	G	0.0	0.0	0.0	3.541651E-14	5.429773	5.468525E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 4.612669E 04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-1.559201E-02	0.0	0.0	0.0	0.0
7079	G	0.0	6.548513E-04	0.0	0.0	0.0	0.0
8571	G	0.0	4.070764E-02	0.0	0.0	0.0	0.0
8579	G	0.0	-1.583054E-03	0.0	0.0	0.0	0.0
9341	G	5.024088E-01	0.0	0.0	0.0	0.0	0.0
9349	G	1.211566E-01	0.0	0.0	0.0	0.0	0.0
9373	G	1.665612E-13	0.0	0.0	0.0	0.0	0.0
9377	G	1.037087E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	3.352579E-02	0.0	0.0	0.0	0.0
11579	G	0.0	4.590845E-01	0.0	0.0	0.0	0.0
13849	G	4.395351E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	5.922532E-02	0.0	0.0	0.0	0.0
13879	G	0.0	1.932989E 00	0.0	0.0	0.0	0.0
15633	G	0.0	6.058092E 01	0.0	0.0	0.0	0.0
15637	G	0.0	-5.243279E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-1.680460E-12	0.0	0.0
18647	G	0.0	0.0	0.0	5.003791E-12	0.0	0.0
19743	G	0.0	0.0	0.0	-9.199423E-14	0.0	0.0
19747	G	0.0	0.0	0.0	1.702727E-12	0.0	0.0
19763	G	0.0	0.0	0.0	-2.125159E-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-2.698696E-02	0.0
19767	G	0.0	0.0	0.0	2.700293E-11	0.0	0.0
21343	G	0.0	0.0	0.0	-3.082118E-12	0.0	0.0
21347	G	0.0	0.0	0.0	2.404443E-11	0.0	0.0
21485	G	-9.124080E-05	0.0	0.0	0.0	-2.523289E-03	0.0
29945	G	-2.421604E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-1.056983E-12	-6.950251E-13	3.122606E-12
62819	G	0.0	0.0	0.0	-7.249629E-13	-8.639938E-13	-9.055627E-12
62821	G	0.0	0.0	0.0	3.644418E-13	-1.209304E-13	-3.582319E-12
62829	G	0.0	0.0	0.0	-5.908405E-13	-1.329935E-12	-2.379336E-11
62831	G	0.0	0.0	0.0	6.030224E-13	-1.752748E-13	1.299732E-12
62839	G	0.0	0.0	0.0	1.203482E-13	4.954930E-14	-4.569509E-13
72811	G	0.0	0.0	0.0	1.271808E-12	-8.102902E-13	-3.670458E-12
72819	G	0.0	0.0	0.0	8.847833E-13	-9.274066E-13	9.933493E-12
72821	G	0.0	0.0	0.0	-7.687099E-13	-2.085863E-13	3.893093E-12
72829	G	0.0	0.0	0.0	8.407300E-13	-1.458482E-12	2.588819E-11
72831	G	0.0	0.0	0.0	-5.188692E-13	-1.607993E-13	-1.668298E-12
72839	G	0.0	0.0	0.0	-1.126919E-13	4.987577E-14	4.599617E-13

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 3.433755E 04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-1.194778E-01	0.0	0.0	0.0	0.0
7079	G	0.0	1.647739E-01	0.0	0.0	0.0	0.0
8571	G	0.0	3.122995E-01	0.0	0.0	0.0	0.0
8579	G	0.0	-4.300416E-01	0.0	0.0	0.0	0.0
9341	G	5.178227E 00	0.0	0.0	0.0	0.0	0.0
9349	G	-2.767653E 00	0.0	0.0	0.0	0.0	0.0
9373	G	-9.990619E-14	0.0	0.0	0.0	0.0	0.0
9377	G	3.965717E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-3.067599E 00	0.0	0.0	0.0	0.0
11579	G	0.0	6.014837E 00	0.0	0.0	0.0	0.0
13849	G	3.800217E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	-8.999636E 00	0.0	0.0	0.0	0.0
13879	G	0.0	-1.067781E 01	0.0	0.0	0.0	0.0
15633	G	0.0	4.737089E 01	0.0	0.0	0.0	0.0
15637	G	0.0	1.356416E 02	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-3.139269E-12	0.0	0.0
18647	G	0.0	0.0	0.0	2.274588E-12	0.0	0.0
19743	G	0.0	0.0	0.0	4.211976E-13	0.0	0.0
19747	G	0.0	0.0	0.0	-1.622871E-12	0.0	0.0
19763	G	0.0	0.0	0.0	-2.382504E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	4.807384E-02	0.0
19767	G	0.0	0.0	0.0	-2.541031E-11	0.0	0.0
21343	G	0.0	0.0	0.0	-1.073038E-11	0.0	0.0
21347	G	0.0	0.0	0.0	3.064804E-11	0.0	0.0
21485	G	-2.871606E-04	0.0	0.0	0.0	-4.109602E-03	0.0
29945	G	2.029241E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	6.128319E-13	-2.408151E-13	3.391985E-13
62819	G	0.0	0.0	0.0	6.299145E-13	1.653898E-13	2.715745E-12
62821	G	0.0	0.0	0.0	-1.561741E-12	2.746615E-13	1.263673E-12
62829	G	0.0	0.0	0.0	1.370526E-12	8.216757E-14	4.997967E-12
62831	G	0.0	0.0	0.0	4.299640E-13	2.129855E-14	-2.209733E-13
62839	G	0.0	0.0	0.0	5.090629E-14	-1.103850E-14	1.017987E-13
72811	G	0.0	0.0	0.0	2.449076E-13	2.864994E-14	-9.012691E-14
72819	G	0.0	0.0	0.0	2.509268E-13	-2.161144E-13	2.404298E-12
72821	G	0.0	0.0	0.0	-1.342803E-12	-2.547366E-13	1.660076E-12
72829	G	0.0	0.0	0.0	4.109459E-13	-2.881881E-13	3.893850E-12
72831	G	0.0	0.0	0.0	4.580701E-13	-1.137340E-14	-1.179995E-13
72839	G	0.0	0.0	0.0	5.094238E-14	1.841070E-15	1.697962E-14

NATURAL FREQUENCIES AND MODE SHAPES
EIGENVALUE # 5.673557E 04

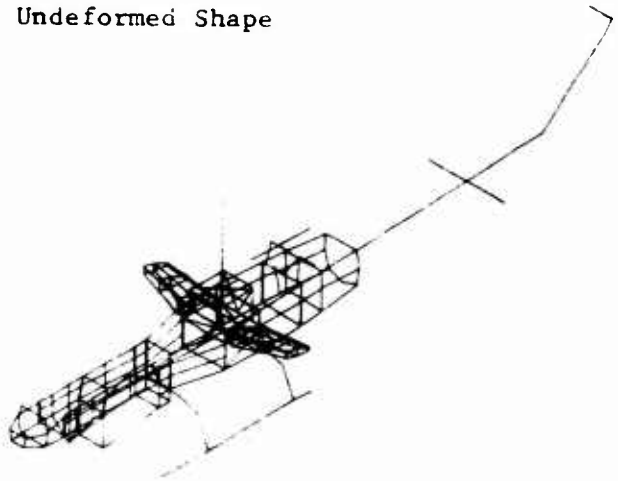
F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7074	G	0.0	-1.719030E-01	0.0	0.0	0.0	0.0
7079	G	0.0	1.342287E-01	0.0	0.0	0.0	0.0
8571	G	0.0	4.490151E-01	0.0	0.0	0.0	0.0
8579	G	0.0	-2.717926E-01	0.0	0.0	0.0	0.0
9341	G	-1.448836E 00	0.0	0.0	0.0	0.0	0.0
9349	G	4.487130E-01	0.0	0.0	0.0	0.0	0.0
9373	G	9.443835E-14	0.0	0.0	0.0	0.0	0.0
9377	G	-2.646772E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-1.630967E 00	0.0	0.0	0.0	0.0
11579	G	0.0	7.045835E-01	0.0	0.0	0.0	0.0
13849	G	3.903197E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	3.065137E 00	0.0	0.0	0.0	0.0
13879	G	0.0	5.134900E 00	0.0	0.0	0.0	0.0
15633	G	0.0	-7.522716E 01	0.0	0.0	0.0	0.0
15637	G	0.0	2.638194E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-5.750735E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-1.986733E-11	0.0	0.0
19743	G	0.0	0	0.0	1.325709E-13	0.0	0.0
19747	G	0.0	0.0	0.0	-2.741440E-12	0.0	0.0
19763	G	0.0	0.0	0.0	2.898743E-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	6.564569E-02	0.0
19767	G	0.0	0.0	0.0	-4.323894E-11	0.0	0.0
21343	G	0.0	0.0	0.0	-2.862546E-12	0.0	0.0
21347	G	0.0	0.0	0.0	1.420715E-11	0.0	0.0
21485	G	-4.021716E-04	0.0	0.0	0.0	-6.486163E-03	0.0
29945	G	3.385073E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	4.925629E-13	2.030751E-13	-1.051756E-12
62819	G	0.0	0.0	0.0	3.649710E-13	-1.253687E-13	-3.736843E-13
62821	G	0.0	0.0	0.0	-5.650153E-13	1.309539E-13	-1.404317E-12
62829	G	0.0	0.0	0.0	6.850622E-13	-1.540097E-13	-6.787704E-13
62831	G	0.0	0.0	0.0	1.327217E-13	2.686196E-15	-2.786940E-14
62839	G	0.0	0.0	0.0	2.170122E-14	-6.324488E-16	5.832537E-15
72811	G	0.0	0.0	0.0	1.489704E-13	-6.810541E-13	-2.387117E-12
72819	G	0.0	0.0	0.0	-6.246175E-14	3.441564E-14	-4.278822E-13
72821	G	0.0	0.0	0.0	-4.161551E-13	-1.536307E-13	-1.069592E-12
72829	G	0.0	0.0	0.0	-6.912206E-14	-2.134160E-13	-1.232353E-12
72831	G	0.0	0.0	0.0	1.930502E-13	7.307184E-16	7.581233E-15
72839	G	0.0	0.0	0.0	2.282315E-14	-1.150424E-14	-1.060938E-13

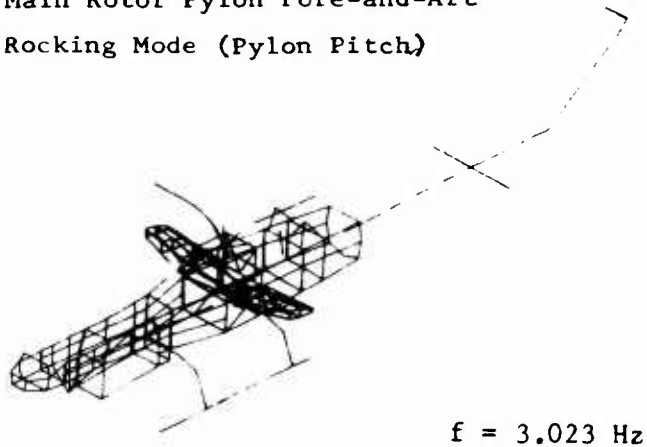
8.2.2 Normal Mode Plots

Normal mode plots from the NASTRAN normal modes analysis (Rigid Format 3) are shown in Figure 8-1. The elastic modes below 30 Hertz are shown. Many structural elements were deleted for clarity.

Undeformed Shape

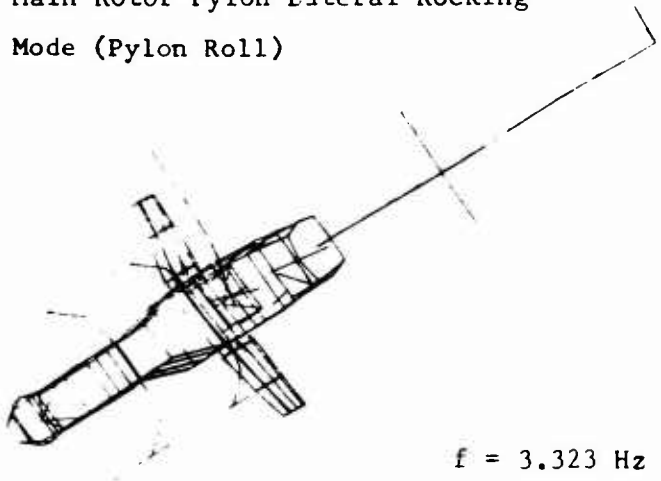


Main Rotor Pylon Fore-and-Aft Rocking Mode (Pylon Pitch)



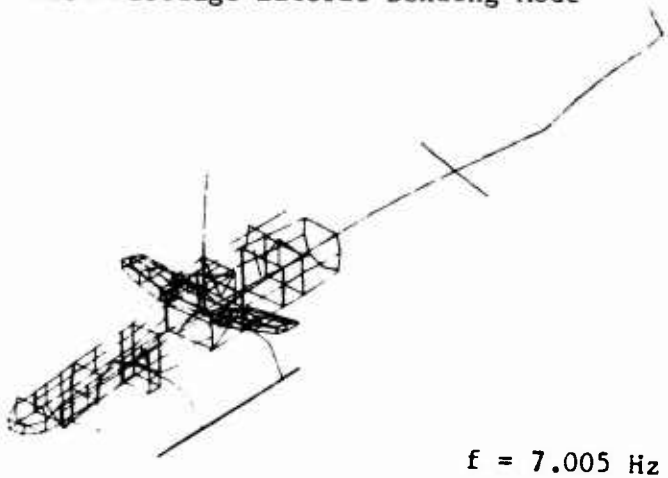
f = 3.023 Hz

Main Rotor Pylon Lateral Rocking Mode (Pylon Roll)



f = 3.323 Hz

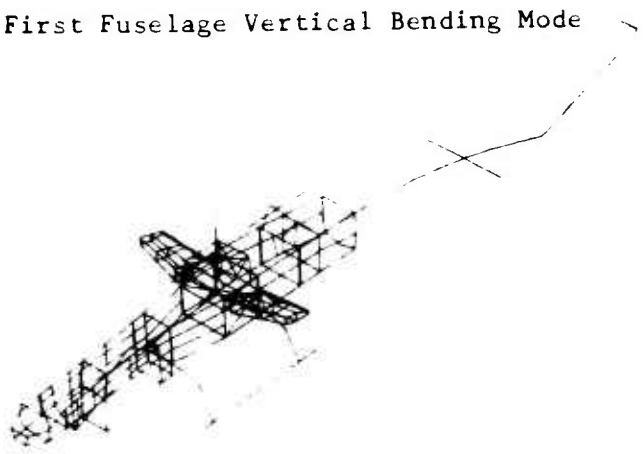
First Fuselage Lateral Bending Mode



f = 7.005 Hz

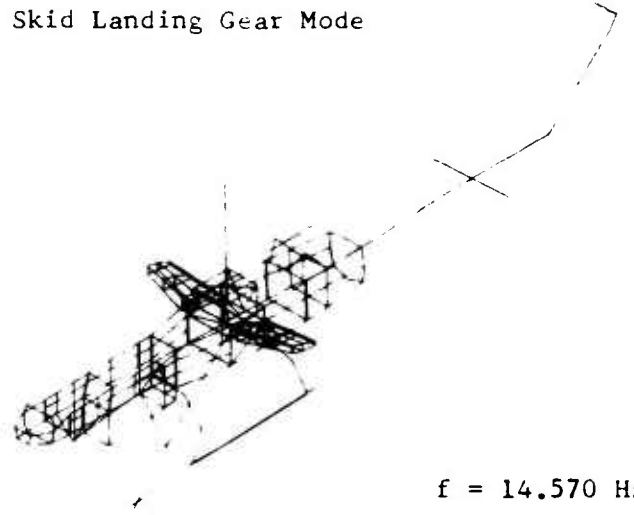
Figure 8-1. NASTRAN Normal Mode Plots

First Fuselage Vertical Bending Mode



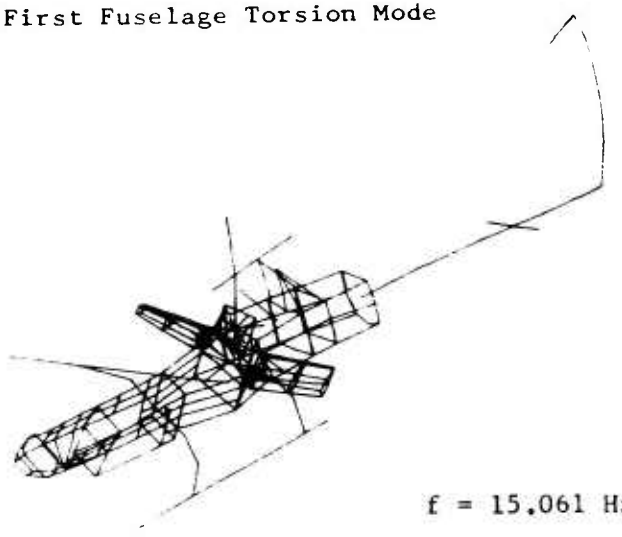
f = 7.910 Hz

Skid Landing Gear Mode



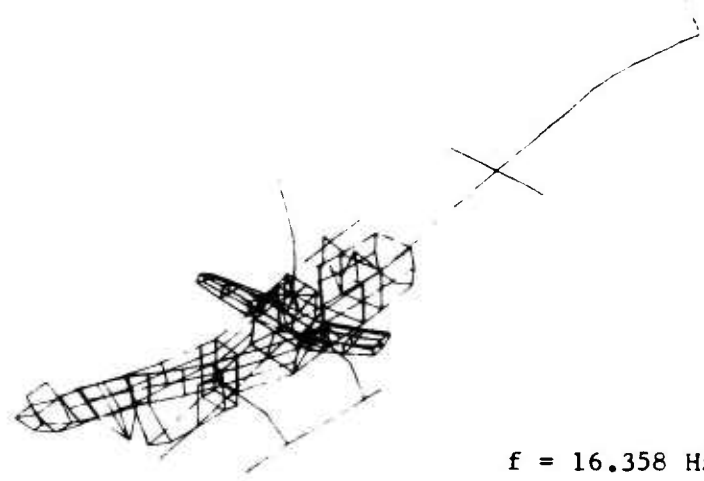
f = 14.570 Hz

First Fuselage Torsion Mode



f = 15.061 Hz

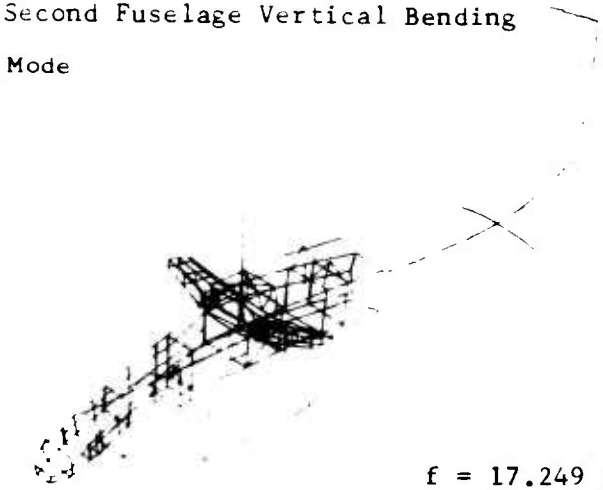
Second Fuselage Lateral Bending Mode



f = 16.358 Hz

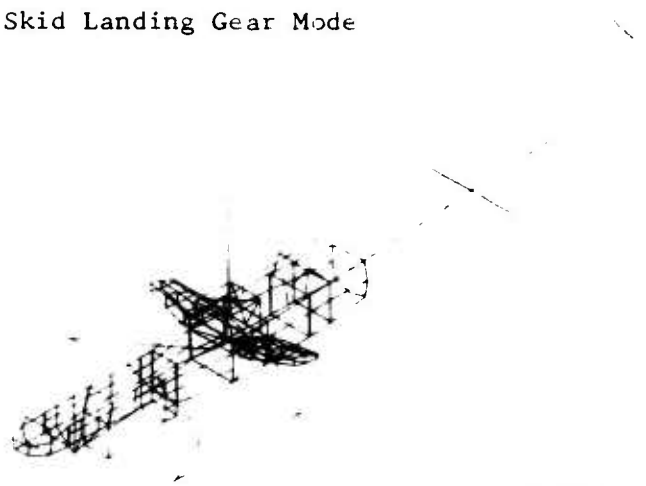
Figure 8-1. NASTRAN Normal Mode Plots (Cont'd)

Second Fuselage Vertical Bending Mode



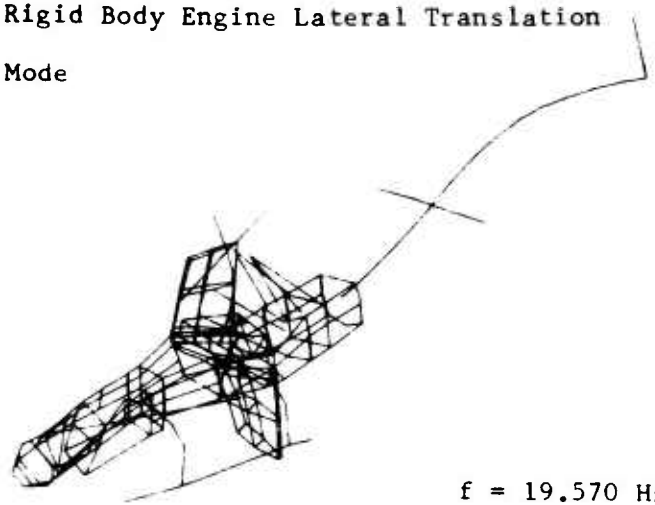
f = 17.249 Hz

Skid Landing Gear Mode



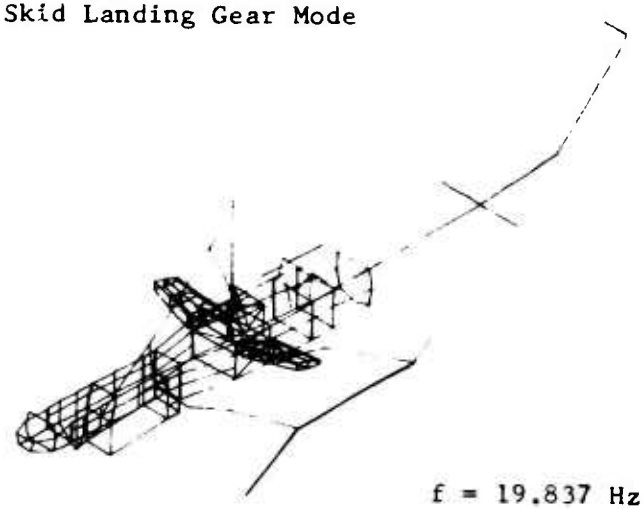
f = 17.959 Hz

Rigid Body Engine Lateral Translation Mode



f = 19.570 Hz

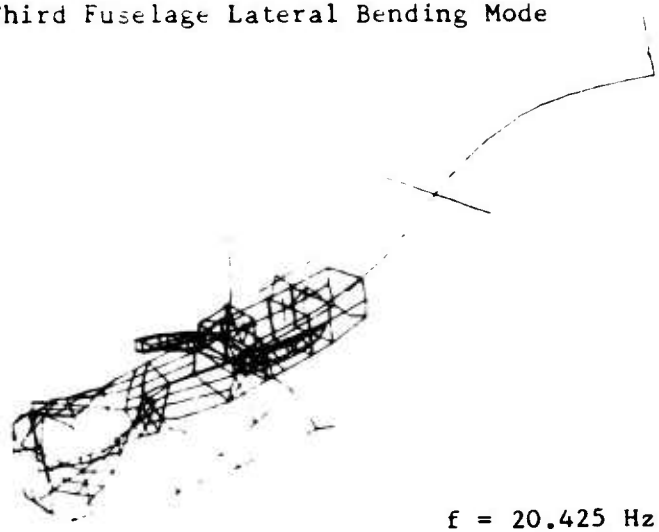
Skid Landing Gear Mode



f = 19.837 Hz

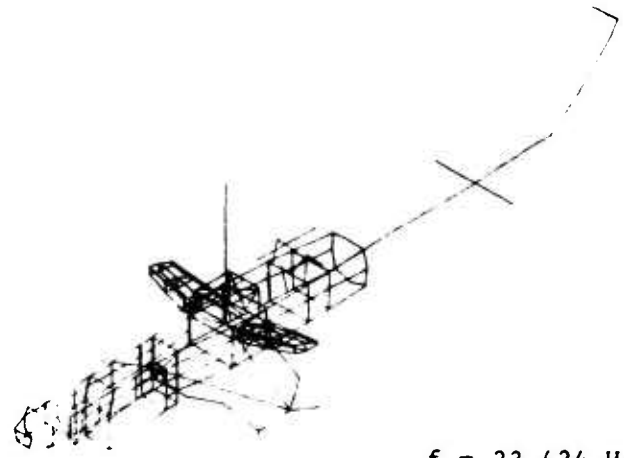
Figure 8-1. NASTRAN Normal Mode Plots (Cont'd)

Third Fuselage Lateral Bending Mode



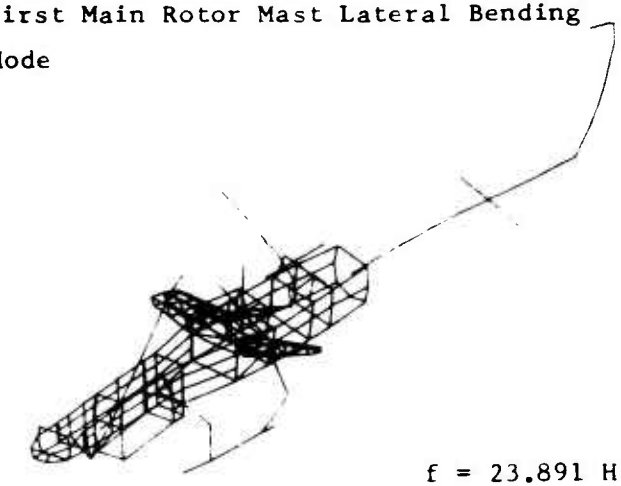
f = 20.425 Hz

Skid Landing Gear Mode



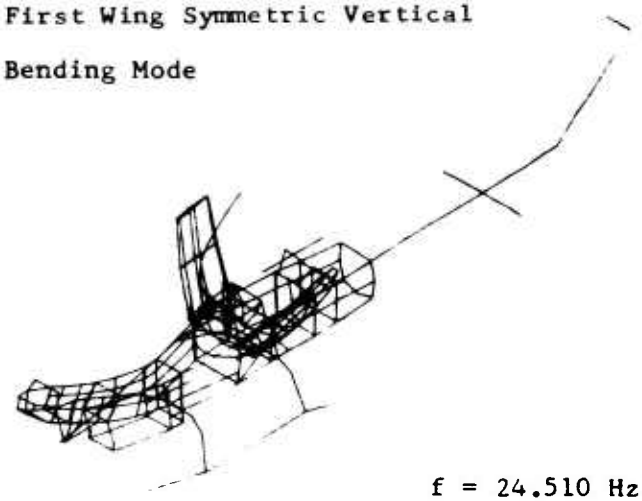
f = 23.424 Hz

First Main Rotor Mast Lateral Bending Mode



f = 23.891 Hz

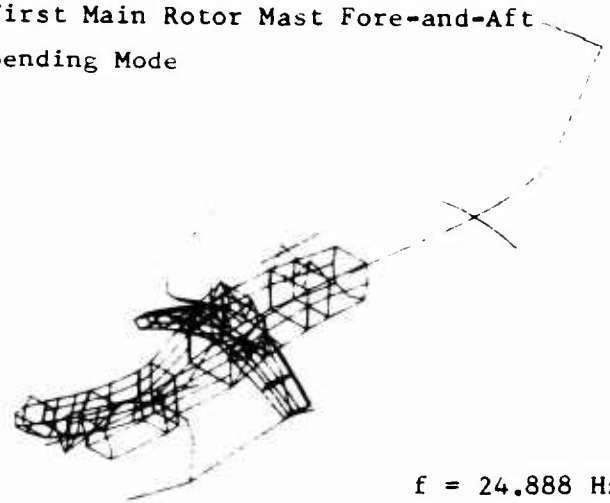
First Wing Symmetric Vertical Bending Mode



f = 24.510 Hz

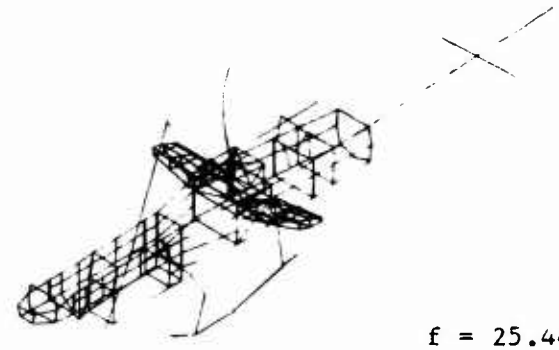
Figure 8-1. NASTRAN Normal Mode Plots (Cont'd)

First Main Rotor Mast Fore-and-Aft Bending Mode



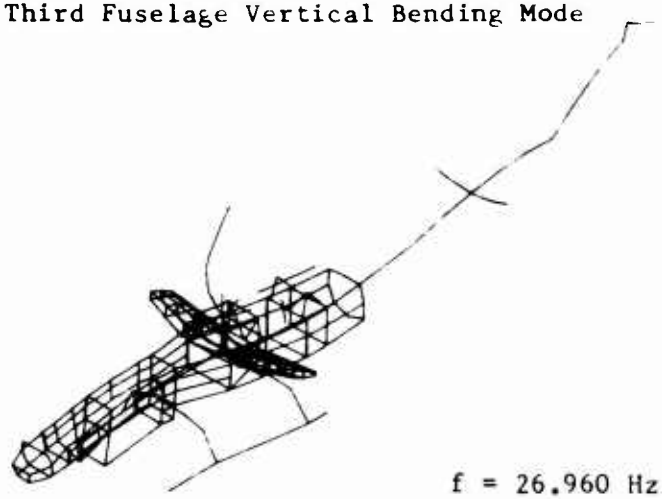
f = 24.888 Hz

Skid Landing Gear Mode



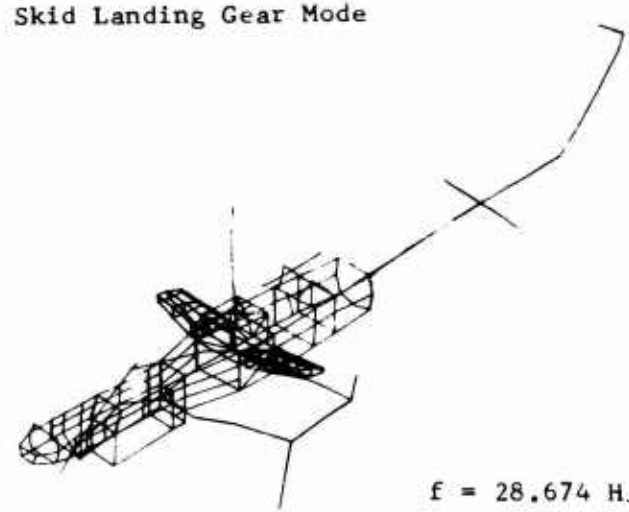
f = 25.447 Hz

Third Fuselage Vertical Bending Mode



f = 26.960 Hz

Skid Landing Gear Mode



f = 28.674 H.

Figure 8-1. NASTRAN Normal Mode Plots (Cont'd)

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