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AN APPLICATION OF THE SRS/RG IN DETERMINING ENLISTED ATTRITION --ETC(U)
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by

Joseph M. D'Amalio

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Serial TM-60470
28 December 1978

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USMC PERSONNEL RATES

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The purpose of this paper is to provide a programmer's manual for a system which computes average monthly non-EAS attrition rates by command location (MCC CODE), military occupational speciality (MOS) and grade level (SKILL); and /or by MCC CODE, military occupational specialty group (OCC FIELD) and SKILL. This system uses the SRS/RG history file as input.

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AN APPLICATION OF THE SRS/RG IN DETERMINING ENLISTED ATTRITION RATES IN THE USMC: PROGRAM MANUAL

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1. Introduction

The Statistical Retrieval System and Rate Generator (SRS/RG) is an automated data system that has been designed and programmed by the Program in Logistics staff of The George Washington University. This system, installed on the computer at the Headquarters, Marine Corps, is documented in [1], [2], [3] and [4]. The heart of the SRS/RG is a history file of variable length records with each record containing background information on one Marine.

The purpose of this paper is to provide a programmer's manual for a system which computes average monthly non-EAS attrition rates by command location (MCC CODE), military occupational specialty (MOS) and grade level (SKILL), and/or by MCC CODE, military occupational specialty group (OCC FIELD) and SKILL. This system uses the SRS/RG history file as input.

A description of the technical methodology used in the computation of the non-EAS attrition rates is found in [5].

System Description

This system consists of four steps.

1. Program SRSNEAS
2. A SORT
3. A SPSS program (AGGREGATE)
4. A MARK-IV program.

A documentation of each step along with pertinent user information follows:

Program SRSNEAS

This program takes the SRS history file, selects the proper population and, based on a given beginning reference point and an end point, outputs a fixed length record containing the following:

1. The MID of the marine. This is used primarily for debugging purposes.

2. The SKILL level of the marine. This is a '1' for grades E1, E2 or E3; a '2' for grades E4 or E5.

3. The MCC-CODE for the marine. This can be in the range 00 thru 12. It represents one of 13 district groupings of Primary Monitor Command Codes (PMCC). This PMCC is the location at which the marine was stationed as of the beginning reference point. These codes and the PMCC they represent are listed in Appendix B.

4. The MOS-CODE for the marine. This is the military occupational specialty of the marine as of the beginning reference point. The first two bytes of this field is the OCC FIELD.

5. The numerator value used in the rate computation.

6. The denominator value used in the rate computation.

7. The transfer or separation date for the marine. This is used mainly for debugging purposes.

Program SRSNEAS uses the Separation Codes listed in Appendix C to determine if a marine is a non-EAS, immediate reenlistment or EAS separation.

1.1 Input. The input to program SRSNEAS is the current SRS history file.

1.2 Output. The output from program SRSNEAS is a file consisting of 27 byte fixed length records. This is used as input to the following SORT (step 2).

1.3 Source Listing. Following is a listing of the source statements for SRSNEAS.

COBOL MODULE .(LIST,CHART,PARM)

CARD NO	**** CONTENTS ****	
	OPTION AUXLIST=YES	
	*	00000010
1	IDENTIFICATION DIVISION.	00000020
2	PROGRAM-ID. SRSATTRX.	00000030
3	AUTHOR. IBM TEEPLES.	00000040
4	DATE-COMPILED.	00000050
5	*	00000060
6	ENVIRONMENT DIVISION.	00000070
7	CONFIGURATION SECTION.	00000080
8	SOURCE-COMPUTER. IBM-360-H65.	00000090
9	OBJECT-COMPUTER. IBM-360-H65.	00000100
10	SPECIAL-NAMES.	00000110
11	C01 IS TO-NEW-PAGE.	00000120
12	INPUT-OUTPUT SECTION.	00000130
13	FILE-CONTROL.	00000140
14	SELECT FILE-OUT. ASSIGN TO UR-1403-S-SYSPRINT.	00000150
15	SELECT SRS-OUT ASSIGN TO UT-2400-S-EXTRFILE.	00000160
	EJECT	00000170
16	*	00000180
17	DATA DIVISION.	00000190
18	FILE SECTION.	00000200
19	*	00000210

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```
CARD NO    ****                          CONTENTS                          ****

    20             FD  FILE-OUT                                            00000220
    21                 LABEL  RECORDS  ARE  OMITTED                        00000230
    22                 RECORDING  MODE  IS  F.                             00000240
    23             01  FILE-OUT-REC.                                       00000250
    24                 03  FILLER          PIC  X(133).                    00000260
    25             *                                                       00000270
    26             FD  SRS-OUT                                             00000280
    27                 BLOCK  CONTAINS  0                                  00000290
    28                RECORD CONTAINS 027                                  00000300
    29                 LABEL  RECORDS  STANDARD.                           00000310
    30        000010*                                                      00000320
    31        000160 01  SRS-HIST-REC-X.                                  00000330
    32                 02  FIXED-X.                                       00000340
    33        000130*                                                      00000350
    34        000150*                                                      00000360
    35        000190       03  MID.                                       00000370
    36        000200           05  BRANCH      PIC  X.                    00000380
    37        000210           05  SSN         PIC  X(9).                 00000390
    38                       03 SKILL          PIC 9.                     00000400
    39                       03 MCC-CODE       PIC 99.                    00000410
    40                       03 MOS-CODE       PIC 9(4).                  00000420
    41                       03 NUM            PIC 99.                    00000430
    42                       03 DENOM          PIC 99.                    00000440
```

```
CARD NO    ****                    CONTENTS                          ****
    43          03 WR-DATE      PIC 9(6).                          00000450
    44      *                                                      00000460
    45      WORKING-STORAGE SECTION.                               00000470
    46      01  IN-CTR           PIC  S9(6)  COMP-3.              00000480
    47      01  I                PIC  S99    COMP-3.              00000490
    48          01  SDN5.                                         00000500
    49              03 SDN3       PIC XXX.                       00000510
    50              03 SDN2       PIC XX.                        00000520
    51          01  J             PIC S99 COMP-3.                00000530
    52      01  L                 PIC  S99    COMP-3.            00000540
    53      01  EOF               PIC  X.                        00000550
    54      01  USE-FLAG          PIC  S9.                       00000560
    55      01  OUT-CTR           PIC  S9(6)  COMP-3.            00000570
    56      01  WORK-DATE         PIC  9(6).                     00000580
    57              01 START-DATE      PIC 9(6).                00000590
    58              01 END-DATE        PIC 9(6).                00000600
    59          01 FLGG           PIC X.                         00000610
    60          01    SEP-DIFF     PIC S9999.                     00000620
    61      01  DATE-1.                                           00000630
    62          03  Y1            PIC  99.                       00000640
    63          03  M1            PIC  99.                       00000650
    64          03  D1            PIC  99.                       00000660
    65      01  DATE-2.                                           00000670
```

```
CARD NO  ****                          CONTENTS                          ****
      66          03  Y2              PIC  99.                          00000680
      67          03  M2              PIC  99.                          00000690
      68          03  D2              PIC  99.                          00000700
      69      01  DIFF                PIC  S9999.                       00000710
      70          01  PERIOD   PIC S9999.                               00000720
      71          01  HOLD-SDN        PIC X(3).                         00000730
      72            88   NON-EAS     VALUES ARE                        00000740
      73                 'GKA' THRU 'HNC'                               00000750
      74                 'JKA' THRU 'JNC'                               00000750
      75                 'H20' THRU 'H67'                               00000770
      76                 '820' THRU '899'                               00000780
      77               'JJC' 'JJD'                                      00000790
      78                     'JFK' 'JHF' 'JJB' 'RFJ' 'RFK' 'SFJ' 'SFK'  00000800
      79                     'VFJ' 'VFK' 'WFK' 'GFN' 'JCM' 'JDF' 'JDJ'  00000810
      80                   'JDK' 'JFB' 'JFC' 'JFF' 'JFL' 'JFM' 'JFN' 'JFP'  00000820
      81               'JFR' 'JFT' 'JFV' 'JMF' 'JNF' 'KCM' 'KCQ'        00000830
      82               'KDB' 'KDC' 'KDF' 'KDG' 'KDH' 'KFF' 'KFV'        00000840
      83                     'KNL' 'LFG' 'MCK' 'MDB' 'MDH' 'MND'        00000850
      84               'JFG' 'KFS' 'YND' 'JPB'.                         00000860
      85               88   IM-REENL     VALUES ARE                    00000870
      86                  'KHC'.                                        00000880
      87          01  HOLD-MCC        PIC X(3).                         00000890
      88            88   MCC1         VALUES ARE                        00000900
```

CARD NO	****	CONTENTS	****
89		'130' '436' '442' '1CD' '091' '1C1'.	00000910
90	88 MCC2	VALUES ARE	00000920
91		'121' '143' '144' '164' '169' '1D0' '1D4'.	00000930
92	88 MCC3	VALUES ARE	00000940
93		'122' '142' '151' '160' '165' '1D1' '1D3' '1DK'.	00000950
94	88 MCC4	VALUES ARE	00000960
95		'124' '092' '045' '044' '145' '146' '197' '1C2'	00000970
96		'1C3' '1D2' '1D5' '1E7' '1E8'.	00000980
97	88 MCC5	VALUES ARE	00000990
98		'210' '213' '215' '217' '218' '224' '226' '229'	00001000
99		'230' '233' '234' '237' '240' '251' '254' '256'	00001010
100		'262' '263' '268' '271' '272' '274' '275'.	00001020
101	88 MCC6	VALUES ARE	00001030
102		'353' '355' '362' '365' '311' '313' '314' '315'	00001040
103		'316' '317' '320' '323' '326' '327' '328'.	00001050
104	88 MCC7	VALUES ARE	00001060
105		'351' '312' '322'.	00001070
106	88 MCC8	VALUES ARE	00001080
107		'412' '413' '414' '431' '434' '436' '438' '439'	00001090
108		'442' '444' '446' '451' '452' '454' '455' '459'	00001100
109		'460' '461' '462' '463' '465' '466' '467' '468'	00001110
110		'469' '470' '471' '473' '476' '478' '528' '533'	00001120
111		'535' '537' '539' '541' '582' '590' '593' '606'	00001130

```
CARD NO    ****                          CONTENTS                          ****
   112                    '608' '609'.                                      00001140
   113                88  MCC9        VALUES ARE                           00001150
   114                    '150' '1DJ'.                                      00001160
   115                88  MCC10       VALUES ARE                           00001170
   116                    'R00' 'R02' 'R06' 'R08' 'R10' 'R14'.              00001180
   117                88  MCC11       VALUES ARE                           00001190
   118                    '009' '010' '011' '012' '013' '014'               00001200
   119                    '019' '022' '023' '024' '025' '026' '027' '028'   00001210
   120                    '029' '030' '036' '038' '040' '041' '047' '048'   00001220
   121                    '049' '052' '057' '058' '059' '063'.              00001230
   122                88  MCCBD        VALUES ARE                           00001240
   123                   '016' '017'.                                       00001250
                      EJECT                                                 00001260
   124            *                                                         00001270
   124        -INC  SRSFD                                                   00001280
   125        000010*
   126        000020*   THE FOLLOWING SET OF STRUCTURES CONSTITUTE A PSEUDO FD FOR
   127        000030* THE HISTORY FILE (HIST). THIS FILE IS ACCESSED FOR INPUT BY A
   128        000040* CALL 'READER' INSTRUCTION AND FOR OUTPUT BY A CALL 'WRITER'
   129        000050* INSTRUCTION, EACH WITH APPROPRIATE PARAMETERS.
   130        000060*
   131        000070*   WRITER COLLECTS AND ASSEMBLES THE HISTORY RECORD AND PLACES
   132        000080* IT IN AN OUTPUT BUFFER. READER LOCATES A HISTORY RECORD IN AN
```

```
CARD NO      ****                          CONTENTS                          ****

   133       000090* INPUT BUFFER AND DISTRIBUTES THE SEGMENTS TO THE APPROPRIATE
   134       000100* SEGMENT STRUCTURES BELOW.
   135       000110*
   136       000120* THE  FIXED  AREA  IS  AREA  NUMBER 1.
   137       000130*
   138       000140* LENGTH  IS  132  BYTES.
   139       000150*
   140       000160 01  SRS-HIST-REC.
   141       000170     02  FIXED.
   142       000180      03  AREA-COUNT      PIC 99 COMP-3 OCCURS  15  TIMES.
   143       000190      03  MID.
   144       000200          05  BRANCH      PIC  X.
   145       000210          05  SSN         PIC  X(9).
   146       000220      03  NAME            PIC  X(20).
   147       000230      03  INITIALS        PIC  XXX.
   148       000240      03  RACE            PIC  X.
   149       000250      03  SEX             PIC  X.
   150       000260      03  ETHNIC-GROUP    PIC  X.
   151       000270      03  HOME-STATE      PIC  XX.
   152       000280      03  HOME-COUNTY     PIC  X(4).
   153       000290      03  DATE-OF-BIRTH   PIC  9(6)  COMP-3.
   154       000300      03  AFADBD          PIC  9(6)  COMP-3.
   155       000310      03  ACTUAL-EAS      PIC  X(6).
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CARD NO      ****                          CONTENTS                          ****
   156       000320     03  PEBD            PIC  9(6)  COMP-3.
   157       000330     03  GRAD-SEP-DATE   PIC  X(6).
   158       000340     03  GRAD-SEP-FLAG   PIC  X.
   159       000350     03  MCC-ENLISTED    PIC  XXX.
   160       000360     03  DUTY-LIMIT-ENTRY PIC  X.
   161       000370     03  CITIZENSHIP     PIC  XX.
   162       000380     03  MARITAL-STATUS  PIC  X.
   163       000390     03  NUM-DEP-ENTRY   PIC  X.
   164       000400     03  NUM-DEP-CURR    PIC  X.
   165       000410     03  CIV-ED-ENTRY.
   166       000420         05  YEARS-ED    PIC  XX.
   167       000430         05  DEGREE      PIC  X.
   168       000440     03  CIV-ED-CURR.
   169       000450         05  YEARS-ED    PIC  XX.
   170       000460         05  DEGREE      PIC  X.
             000470      EJECT
   171       000480     03  PROG-ENL-FOR    PIC  XX.
   172       000490*  FILLER  INSERTED  FOR  SEC-EST. VISION.   SPACE  IS
   173       000500*  BEING  MAINTAINED  HERE  FOR  FUTURE  EXPANSION.
   174       000510     03  FILLER          PIC  XX.
   175       000520     03  BILLET-MOS      PIC  X(4).
   176       000530*  THE  HMF-SRC-FLAG IS USED TO DENOTE THOSE RECORDS THAT WERE
   177       000540*  CREATED FOR THE INITIAL FILE.  FLAG=1 FOR ORIGINAL RECORDS.
```

```
CARD NO      ****                    CONTENTS                    ****

  178        000550*  FLAG=0 FOR RECORDS ADDED AFTER CREATION.  NOTE THAT ORIGINAL
  179        000560*  RECORDS MAY NOT HAVE COMPLETE ENLISTMENT HISTORY.
  180        000570     03  HMF-SRC-FLAG   PIC  X.
  181        000580     03  ACT-INACT-FLAG  PIC  X.
  182        000590*  THE  ACT-INACT-FLAG  WILL  BE  A  1  FOR  ALL  ACTIVE  RECORDS.
  183        000600*  A  2  WILL  BE  MOVED  IN  EACH  TIME  THE  ENLISTMENT  AREA
  184        000610*  IS  CLOSED  OUT.   IT  WILL  BE  RE-SET  TO  1  FOR  EACH  NEW
  185        000620*  ENLISTMENT  AREA  OPENED  UP.
  186        000630 03  COHORT-DATE          PIC  X(4).
  187        000640     03  RAMS-NEED-FLAG PIC  X.
  188        000650     03  NUM-RAMS-FLAG REDEFINES RAMS-NEED-FLAG  PIC  9.
  189        000660     03  LAST-CHG-DATE  PIC  9(6)  COMP-3.
  190        000670* SLACK  BYTES  ARE  USED  TO  FORCE  EVEN-BYTE  ADDRESS
  191        000680* BOUNDARY  ALIGNMENT.
  192        000690     03  SLACK-BYTE1      PIC  X.
             000700      EJECT
  193        000710* THE SCORES AREA IS AREA NUMBER 2.
  194        000720* LENGTH  IS  96  BYTES.
  195        000730 02  SCORES.
  196        000740     03  AFEE-SCORES.
  197        000750         05  AFEE-FORM-NUMBER     PIC XX.
  198        000760         05  AFEES.
  199        000770             07  AFEES-C-CO      PIC  XXX.
```

```
CARD NO      ****                          CONTENTS                    ****

  200        000780            07  AFEES-C-FA        PIC  XXX.
  201        000790            07  AFEES-C-EL        PIC  XXX.
  202        000800            07  AFEES-C-OF        PIC  XXX.
  203        000810            07  AFEES-C-GM        PIC  XXX.
  204        000820            07  AFEES-C-MM        PIC  XXX.
  205        000830            07  AFEES-C-CL        PIC  XXX.
  206        000840            07  AFEES-C-ST        PIC  XXX.
  207        000850            07  AFEES-C-GT        PIC  XXX.
  208        000860            07  AFEES-C-SC        PIC  XXX.
  209        000870            07  AFEES-C-RC        PIC  XXX.
  210        000880            07  AFEES-C-RES2      PIC  XXX.
  211        000890        05  AFEE-MNTL-GP-SCORE     PIC XX.
  212        000900        05  AFEE-TEST-FLAG         PIC X.
  213        000910*
  214        000920    03  DEPOT-SCORES.
  215        000930        05  DEPOT-FORM-NUMBER      PIC XX.
  216        000940        05  DEPOT.
  217        000950            07  DEPOT-C-CO        PIC  XXX.
  218        000960            07  DEPOT-C-FA        PIC  XXX.
  219        000970            07  DEPOT-C-EL        PIC  XXX.
  220        000980            07  DEPOT-C-OF        PIC  XXX.
  221        000990            07  DEPOT-C-GM        PIC  XXX.
  222        001000            07  DEPOT-C-MM        PIC  XXX.
```

```
CARD NO      ****                          CONTENTS                          ****

   223       001010            07  DEPOT-C-CL        PIC  XXX.
   224       001020            07  DEPOT-C-ST        PIC  XXX.
   225       001030            07  DEPOT-C-GT        PIC  XXX.
   226       001040            07  DEPOT-C-SC        PIC  XXX.
   227       001050            07  DEPOT-C-RC        PIC  XXX.
   228       001060            07  DEPOT-C-RES2      PIC  XXX.
   229       001070        05  DEPOT-GT-GCT          PIC XXX.
   230       001080        05  DEPOT-TEST-DATE       PIC X(6).
   231       001090*
   232       001100* ETST  SCORE  DELETED  PER  HQMC  STAFF  RECOMMENDATION.
   233       001110     03  TYPING                   PIC XXX.
   234       001120     03  EDPT                     PIC XXX.
   235       001130* RC    SCORE  DELETED  PER  HQMC  STAFF  RECOMMENDATION.
   236       001140     03  ALAT                     PIC XX.
             001150      EJECT
   237       001160*
   238       001170** THE MILITARY-EDUCATION AREA IS  AREA NUMBER 3.
   239       001180*
   240       001190* LENGTH  IS  32  BYTES.
   241       001200*
   242       001210 02  MILITARY-EDUCATION          OCCURS  0  TO  20  TIMES.
   243       001220        03  COURSE-CODE    PIC  XXX.
   244       001230        03  TO-DATE        PIC  X(6).
```

```
CARD NO      ****                          CONTENTS                          ****

  245        001240        03  FROM-DATE      PIC  X(6).
  246        001250        03  FLAG           PIC  X.
  247        001260        03  COURSE-GRADE   PIC  XXX.
  248        001270     03  FILLER          PIC  X(13).
  249        001280*
  250        001290*  THE FILLER IS INCLUDED HERE TO MAINTAIN A TOTAL OF 32 BYTES.
  251        001300*  SOME RE-DEFINITION OF FIELDS IS  STILL  REQUIRED. (20 JAN 76).
  252        001310* THE ENLISTMENT AREA IS AREA NUMBER 4.
  253        001320*
  254        001330* LENGTH  IS  24  BYTES.
  255        001340*
  256        001350     02  ENLISTMENT              OCCURS  1  TO 20  TIMES.
  257        001360         03  SOURCE-OF-ENTRY.
  258        001370             05  SOE-1      PIC X.
  259        001380             05  SOE-2      PIC X.
  260        001390             05  SOE-3      PIC X.
  261        001400             05  SOE-4      PIC X.
  262        001410         03  DO-ENLISTMENT  PIC 9(6) COMP-3.
  263        001420         03  LNG-ENLISTMENT PIC X.
  264        001430         03  COMPONENT-CODE PIC XXX.
  265        001440         03  SEPARATION-CD  PIC X(5).
  266        001450         03  REENL-INDIC    PIC XX.
  267        001460         03  SEPARATION-DT  PIC 9(6) COMP-3.
```

```
CARD NO      ****                          CONTENTS                          ****

   268       001470     03  SLACK-BYTE2     PIC  X.
   269       001480* EXTENSION IS AREA NUMBER 5.
   270       001490*
   271       001500* LENGTH  IS  12  BYTES.
   272       001510*
   273       001520     02  EXTENSION      OCCURS  0  TO  9  TIMES.
   274       001530         03  TOT-MON-EXT          PIC  XX.
   275       001540         03  TOT-NUMB-EXT         PIC  9.
   276       001550         03  DT-LATEST-EXT        PIC 9(6)  COMP-3.
   277       001560         03  MON-LATEST-EXT       PIC  XX.
   278       001570         03  ENL-X-REF-FLAG       PIC 99.
   279       001580     03  SLACK-BYTE3     PIC  X.
   280       001590* THE ENLISTMENT CROSS REFERENCE FIELD. ABOVE. IS THE  SUBSCRIPT
   281       001600* OF THE  MATCHING  ENLISTMENT.  IT  COMES  FROM  THE  FOURTH
   282       001610* ENTRY  OF  THE  AREA-COUNT TABLE.
   283       001620*
             001630      EJECT
   284       001640*
   285       001650* GRADES IS AREA NUMBER 6.
   286       001660*
   287       001670* LENGTH  IS  8  BYTES.
   288       001680*
   289       001690     02  GRADES         OCCURS  1  TO  20  TIMES.
```

```
CARD NO      ****                          CONTENTS                    ****
  290        001700          03  GRADE                PIC XXX.
  291        001710          03  DATE-OF-RANK         PIC  9(6)  COMP-3.
  292        001720      03  SLACK-BYTE4     PIC  X.
  293        001730* UA-SHORT IS AREA NUMBER 7.
  294        001740*
  295        001750* LENGTH  IS  6  BYTES.
  296        001760*
  297        001770      02  UA-SHORT       OCCURS  0  TO  30  TIMES.
  298        001780          03  DATE-OF-UA           PIC  9(6)  COMP-3.
  299        001790          03  UA-SH-FLAG           PIC  X.
  300        001800      03  SLACK-BYTE5     PIC  X.
  301        001810* UA-LONG IS AREA NUMBER 8.
  302        001820*
  303        001830*LENGTH  IS  10  BYTES.
  304        001940*
  305        001850      02  UA-LONG        OCCURS  0  TO  30  TIMES.
  306        001860          03  TO-UA-DATE           PIC  9(6)  COMP-3.
  307        001870          03  FROM-UA-DATE         PIC  9(6)  COMP-3.
  308        001880          03  UA-FLAG              PIC  X.
  309        001890      03  SLACK-BYTE6     PIC  X.
  310        001900* DESERTION IS AREA NUMBER 9.
  311        001910* LENGTH IS   8  BYTES.
  312        001920      02  DESERTION      OCCURS  0  TO  20  TIMES.
```

```
CARD NO      ****                          CONTENTS                          ****

   313       001930          03  TO-DES-DATE          PIC  9(6)  COMP-3.
   314       001940          03  FROM-DES-DATE        PIC  9(6)  COMP-3.
   315       001950*
   316       001960* TRANSFERS  IS  AREA  NUMBER  10.
   317       001970* UPDATED  FROM  JD-STATS.
   318       001980*
   319       001990* LENGTH  IS  16  BYTES.
   320       002000*
   321       002010      02  TRANSFERS       OCCURS  1  TO  60  TIMES.
   322       002020          03  FMCC                PIC  XXX.
   323       002030          03  PMCC                PIC  XXX.
   324       002040          03  RUC                 PIC  X(5).
   325       002050          03  BEGIN-DATE          PIC  9(6)  COMP-3.
   326       002060          03  STREN-CAT           PIC  X.
             002070       EJECT
   327       002080*
   328       002090* TURBULENCE  IS  AREA  NUMBER  11.
   329       002100* UPDATED  FROM  JP-STATS.
   330       002110*
   331       002120* LENGTH  IS  38  BYTES.
   332       002130*
   333       002140      02  TURBULENCE      OCCURS  0  TO  20  TIMES.
   334       002150          03  PRES-MCC            PIC  XXX.
```

```
CARD NO      ****                    CONTENTS                    ****

  335        002160          03  FORM-MCC              PIC  XXX.
  336        002170          03  INT-TRANS-DATE        PIC  9(6)  COMP-3.
  337        002180          03  DCTB                  PIC  9(6)  COMP-3.
  338        002190          03  D-O-ACT               PIC  9(6)  COMP-3.
  339        002200          03  REASON-CODE           PIC  X.
  340        002210          03  TOUR-CONT-FAC         PIC  XX.
  341        002220          03  PCS-COST-CD           PIC  XX.
  342        002230          03  TRAINEE-FLG           PIC  XX.
  343        002240          03  REASON-FLAG           PIC  X.
  344        002250          03  LAST-DATE-DET         PIC  9(6)  COMP-3.
  345        002260          03  GEO-LOC-CODE          PIC  XXX.
  346        002270          03  GEO-DCTB              PIC  9(6)  COMP-3.
  347        002280      03  SLACK-BYTES      PIC  X.
  348        002290* MOS IS AREA NUMBER 12.
  349        002300* LENGTH IS   8  BYTES.
  350        002310      02  MOS              OCCURS  1  TO  20  TIMES.
  351        002320          03  PRIMARY-MOS           PIC  X(4).
  352        002330          03  MOS-DATE              PIC  9(6)  COMP-3.
  353        002340* BONUS IS AREA NUMBER 13.
  354        002350* LENGTH IS   6  BYTES.
  355        002360      02  BONUS            OCCURS  0  TO  10  TIMES.
  356        002370          03  SRB-BON-TYPE          PIC  X.
  357        002380          03  ZONE                  PIC  X.
```

```
CARD NO      ****                          CONTENTS                          ****
  358    002390          03  BONUS-DATE          PIC  9(6)  COMP-3.
  359    002400*
  360    002410* TWO  SPARE  AREAS
  361    002420      02  SPARE14.
  362    002430          03  FILLER          PIC X.
  363    002440      02  SPARE15.
  364    002450          03  FILLER          PIC X.
                 EJECT                                                  00001290
  365            *                                                      00001300
  366             PROCEDURE  DIVISION.                                  00001310
  367            *                                                      00001320
  368             START-UP.                                             00001330
  369                 PERFORM  OPEN-ROUTINE.                            00001340
  370                 MOVE 761001 TO START-DATE.                        00001350
  371                  MOVE 770930 TO END-DATE.                         00001360
  372                 MOVE START-DATE TO DATE-1.                        00001370
  373                 COMPUTE DIFF = ((Y1 * 12) + M1) - 1.              00001380
  374                  MOVE END-DATE TO DATE-2.                         00001390
  375                  COMPUTE PERIOD = ((Y2 * 12) + M2) - DIFF.        00001400
  376            *                                                      00001410
  377             HISTORY-READ.                                         00001420
  378                 PERFORM  SRS-READ  THRU  SRS-READ-END.            00001430
  379                 PERFORM  LOGIC-CHECK  THRU  LOGIC-CHECK-END.      00001440
```

```
CARD NO    ****                    CONTENTS                          ****
     380              IF USE-FLAG = ZERO GO TO HISTORY-READ.          00001450
     381               PERFORM OUT-REC THRU OUT-REC-END.              00001460
     382              GO TO HISTORY-READ.                             00001470
     383          *                                                   00001480
     384           LOGIC-CHECK.                                       00001490
     385              MOVE ZERO TO USE-FLAG.                          00001500
     386          *THIS PARACRAPH IS TO CONTAIN LOGIC TESTS FOR SELECTING 00001510
     387          *  OR REJECTING EACH RECORD.                        00001520
     388          *A REJECTED RECORD SHOULD RETURN ZERO IN THE USE-FLAG. 00001530
     389          *  THE BLANK CARD SHOULD BE REPLACED WITH THE SELECTION 00001540
     390          *  CRITERION. SUCH AS:  COHORT-DATE = 7306          00001550
     391          *                                                   00001560
     392                MOVE DO-ENLISTMENT OF SRS-HIST-REC (1) TO WORK-DATE. 00001570
     393              IF WORK-DATE > START-DATE THEN                  00001580
     394                 GO TO HISTORY-READ.                         00001590
     395                 IF COMPONENT-CODE OF SRS-HIST-REC (1) NOT < '1  ' 00001600
     396                AND < '14 ' THEN NEXT SENTENCE ELSE          00001610
     397                 GO TO HISTORY-READ.                         00001620
     398                 IF ACT-INACT-FLAG OF FIXED = '1' THEN       00001630
     399                 MOVE 1 TO USE-FLAG                          00001640
     400              ELSE                                           00001650
     401                 MOVE AREA-COUNT (4) TO I                    00001660
     402                 MOVE SEPARATION-DT OF SRS-HIST-REC (I) TO WORK-DATE 00001670
```

```
CARD NO    ****                          CONTENTS                                    ****

  403              IF WORK-DATE  < START-DATE THEN GO TO HISTORY-READ          00001680
  404                  ELSE                                                   00001690
  405                  MOVE 1 TO USE-FLAG.                                    00001700
  406          LOGIC-CHECK-END.  EXIT.                                        00001710
  407          *                                                              00001720
                   EJECT                                                      00001730
  408          *                                                              00001740
  409          SRS-READ.                                                      00001750
  410              MOVE  SPACES  TO  SRS-HIST-REC.                            00001760
  411              CALL  'READER' USING FIXED.  SCORES.                       00001770
  412                    MILITARY-EDUCATION (1).                              00001780
  413                    ENLISTMENT (1).  EXTENSION (1).  GRADES (1).         00001790
  414                    UA-SHORT (1).  UA-LONG (1).  DESERTION (1).          00001800
  415                    TRANSFERS (1).  TURBULENCE (1).  MOS (1).  BONUS (1). 00001810
  416                    SPARE14.  SPARE15.  EOF.                             00001820
  417              IF  EOF  =  '1'  PERFORM  END-OF-RUN.                      00001830
  418              ADD  1  TO  IN-CTR.                                        00001840
  419          *                                                              00001850
  420          SRS-READ-END.  EXIT.                                           00001860
  421          *                                                              00001870
  422          OPEN-ROUTINE.                                                  00001880
  423              OPEN  OUTPUT  FILE-OUT.                                    00001890
  424              OPEN  OUTPUT  SRS-OUT.                                     00001900
```

CARD NO	****	CONTENTS	****
425		MOVE ZERO TO IN-CTR.	00001910
426		MOVE ZERO TO OUT-CTR.	00001920
427	*		00001930
		EJECT	00001940
428	*		00001950
429		OUT-REC.	00001960
430		MOVE ZEROS TO SRS-HIST-REC-X.	00001970
431		MOVE '0' TO FLGG.	00001980
432		MOVE MID OF FIXED TO MID OF FIXED-X.	00001990
433		MOVE AREA-COUNT (06) TO I.	00002000
434		TG.	00002010
435		IF I = 0 THEN GO TO HISTORY-READ.	00002020
436		MOVE DATE-OF-RANK OF SRS-HIST-REC (I) TO WORK-DATE.	00002030
437		IF WORK-DATE > START-DATE THEN	00002040
438		SUBTRACT 1 FROM I	00002050
439		GO TO T6	00002060
440		ELSE	00002070
441		IF GRADE OF SRS-HIST-REC (I) > 'E5 ' THEN	00002080
442		GO TO HISTORY-READ	00002090
443		ELSE	00002100
444		IF GRADE OF SRS-HIST-REC (I) < 'E4 ' THEN	00002110
445		MOVE '1' TO SKILL	00002120
446		ELSE	00002130

```
CARD NO  ****                          CONTENTS                          ****
  447                    MOVE '2' TO SKILL.                              00002140
  448                MOVE AREA-COUNT (12) TO I.                          00002150
  449            T1.                                                     00002160
  450                IF I = 0 THEN GO TO HISTORY-READ.                   00002170
  451                MOVE MOS-DATE OF SRS-HIST-REC (I) TO WORK-DATE.     00002180
  452                IF WORK-DATE > START-DATE THEN                      00002190
  453                   SUBTRACT 1 FROM I                                00002200
  454                   GO TO T1                                         00002210
  455                ELSE                                                00002220
  456                   MOVE PRIMARY-MOS OF SRS-HIST-REC (I) TO          00002230
  457                      MOS-CODE OF SRS-HIST-REC-X.                   00002240
  458                MOVE AREA-COUNT (10) TO I.                          00002250
  459            T2.                                                     00002260
  460                IF I = 0 THEN GO TO HISTORY-READ.                   00002270
  461                MOVE BEGIN-DATE OF SRS-HIST-REC (I) TO WORK-DATE.   00002280
  462                IF WORK-DATE > START-DATE THEN                      00002290
  463                   SUBTRACT 1 FROM I                                00002300
  464                   GO TO T2                                         00002310
  465                ELSE                                                00002320
  466                    MOVE PMCC OF SRS-HIST-REC (I) TO HOLD-MCC       00002330
  467                    IF MCC1  THEN MOVE 01 TO MCC-CODE               00002340
  468                    ELSE                                            00002350
  469                    IF MCC2  THEN MOVE 02 TO MCC-CODE               00002360
```

```
CARD NO  ****                          CONTENTS                          ****
     470                    ELSE                                          00002370
     471                    IF MCC3  THEN MOVE 03 TO MCC-CODE             00002380
     472                    ELSE                                          00002390
     473                    IF MCC4  THEN MOVE 04 TO MCC-CODE             00002400
     474                    ELSE                                          00002410
     475                    IF MCC5  THEN MOVE 05 TO MCC-CODE             00002420
     476                    ELSE                                          00002430
     477                    IF MCC6  THEN MOVE 06 TO MCC-CODE             00002440
     478                    ELSE                                          00002450
     479                    IF MCC7  THEN MOVE 07 TO MCC-CODE             00002460
     480                    ELSE                                          00002470
     481                    IF MCC8  THEN MOVE 08 TO MCC-CODE             00002480
     482                    ELSE                                          00002490
     483                    IF MCC9  THEN MOVE 09 TO MCC-CODE             00002500
     484                    ELSE                                          00002510
     485                    IF MCC10 THEN MOVE 10 TO MCC-CODE             00002520
     486                    ELSE                                          00002530
     487                    IF MCC11 THEN MOVE 11 TO MCC-CODE             00002540
     488                    ELSE IF NOT MCCBD THEN                        00002550
     489                         MOVE 12 TO MCC-CODE.                     00002560
     490               T3.                                                00002570
     491                IF AREA-COUNT (10) = I THEN                       00002580
     492                 MOVE '3' TO FLGG                                 00002590
```

```
CARD NO  ****                    CONTENTS                                ****
     493                    MOVE PERIOD TO DENOM                        00002600
     494                 GO TO T4                                       00002610
     495                ELSE                                            00002620
     496                MOVE I TO J.                                    00002630
     497                ADD 1 TO J.                                     00002640
     498                MOVE BEGIN-DATE OF SRS-HIST-REC (J) TO WORK-DATE. 00002650
     499                IF WORK-DATE NOT < START-DATE AND NOT > END-DATE THEN 00002660
     500                 IF PMCC OF SRS-HIST-REC (I) =                  00002670
     501                    PMCC OF SRS-HIST-REC (J) THEN               00002680
     502                  ADD 1 TO I                                    00002690
     503                  GO TO T3                                      00002700
     504                 ELSE                                           00002710
     505                    MOVE WORK-DATE TO TR-DATE                   00002720
     506                    MOVE WORK-DATE TO DATE-2                    00002730
     507                    COMPUTE DENOM = ((Y2 * 12) + M2) - DIFF     00002740
     508                  GO TO T4                                      00002750
     509                 ELSE MOVE PERIOD TO DENOM                      00002760
     510                       MOVE '3' TO FLGG.                        00002770
     511           T4.                                                  00002780
     512               MOVE AREA-COUNT (4) TO I.                        00002790
     513           T7.                                                  00002800
     514               IF I = 0 THEN GO TO HISTORY-READ.                00002810
     515               MOVE DC-ENLISTMENT OF SRS-HIST-REC (I) TO WORK-DATE. 00002820
```

```
CARD NO  ****                    CONTENTS                                  ****
     516             IF WORK-DATE > START-DATE THEN                        00002830
     517               SUBTRACT 1 FROM I                                   00002840
     518               GO TO T7                                            00002850
     519               ELSE NEXT SENTENCE.                                 00002860
     520               IF I NOT = 1 THEN GO TO HISTORY-READ.               00002870
     521         T5.                                                       00002880
     522             MOVE SEPARATION-DT OF SRS-HIST-REC (I) TO WORK-DATE.  00002890
     523             IF WORK-DATE = 000000 THEN GO TO WRITE-REC            00002900
     524             ELSE                                                  00002910
     525             IF WORK-DATE NOT < START-DATE AND NOT > END-DATE THEN  00002920
     526               IF FLGG = '3' THEN GO TO CHK-SDN                    00002930
     527               ELSE                                                00002940
     528             MOVE WORK-DATE TO DATE-2                              00002950
     529             MOVE TR-DATE TO DATE-1                                00002960
     530               COMPUTE SEP-DIFF = ((Y2 * 365) + (M2 * 30.42) + D2) - 00002970
     531                                  ((Y1 * 365) + (M1 * 30.42) + D1)  00002980
     532               IF SEP-DIFF > 30 THEN GO TO WRITE-REC               00002990
     533              ELSE GO TO CHK-SDN                                   00003000
     534              ELSE GO TO WRITE-REC.                                00003010
     535         OUT-REC-END.                                              00003020
     536         CHK-SDN.                                                  00003030
     537             MOVE SEPARATION-CD OF SRS-HIST-REC (I) TO SDN5.       00003040
     538             MOVE SDN3 TO HOLD-SDN.                                00003050
```

```
CARD NO    ****                    CONTENTS                          ****
     539                IF NON-EAS THEN                              00003060
     540                 MOVE WORK-DATE TO TR-DATE                   00003070
     541                   MOVE WORK-DATE TO DATE-2                  00003080
     542                   COMPUTE DENOM = ((Y2 * 12) +M2) - DIFF    00003090
     543                    MOVE 1 TO NUM                            00003100
     544                 GO TO WRITE-REC                             00003110
     545                ELSE                                         00003120
     546                IF IM-REENL THEN                             00003130
     547                 ADD 1 TO I                                  00003140
     548                 IF AREA-COUNT (4) = I THEN GO TO WRITE-REC  00003150
     549                 ELSE GO TO T5                               00003160
     550                ELSE                                         00003170
     551                   MOVE WORK-DATE TO DATE-2                  00003180
     552                   COMPUTE DENOM = ((Y2 * 12) +M2) - DIFF    00003190
     553                MOVE WORK-DATE TO TR-DATE                    00003200
     554                GO TO WRITE-REC.                             00003210
     555           WRITE-REC.                                        00003220
     556                    IF USE-FLAG = ZERO THEN GO TO HISTORY-READ. 00003230
     557                ADD  1  TO  OUT-CTR.                         00003240
     558                WRITE  SRS-HIST-REC-X.                       00003250
     559                GO TO HISTORY-READ.                          00003260
     560           *                                                 00003270
     561           *                                                 00003280
```

CARD NO	**** CONTENTS	****
562	END-OF-RUN.	00003290
563	DISPLAY ' NUMBER OF RECORDS IN FILE = ', IN-CTR.	00003300
564	DISPLAY ' NUMBER OF RECORDS EXTRACTED = ', OUT-CTR.	00003310
565	CLOSE FILE-OUT.	00003320
566	CLOSE SRS-OUT.	00003330
567	CALL 'CLOSER'.	00003340
568	STOP RUN.	00003350

1.4 Flow Chart. The following chart is a AUTOFLOW charting of the SRSNEAS logic.

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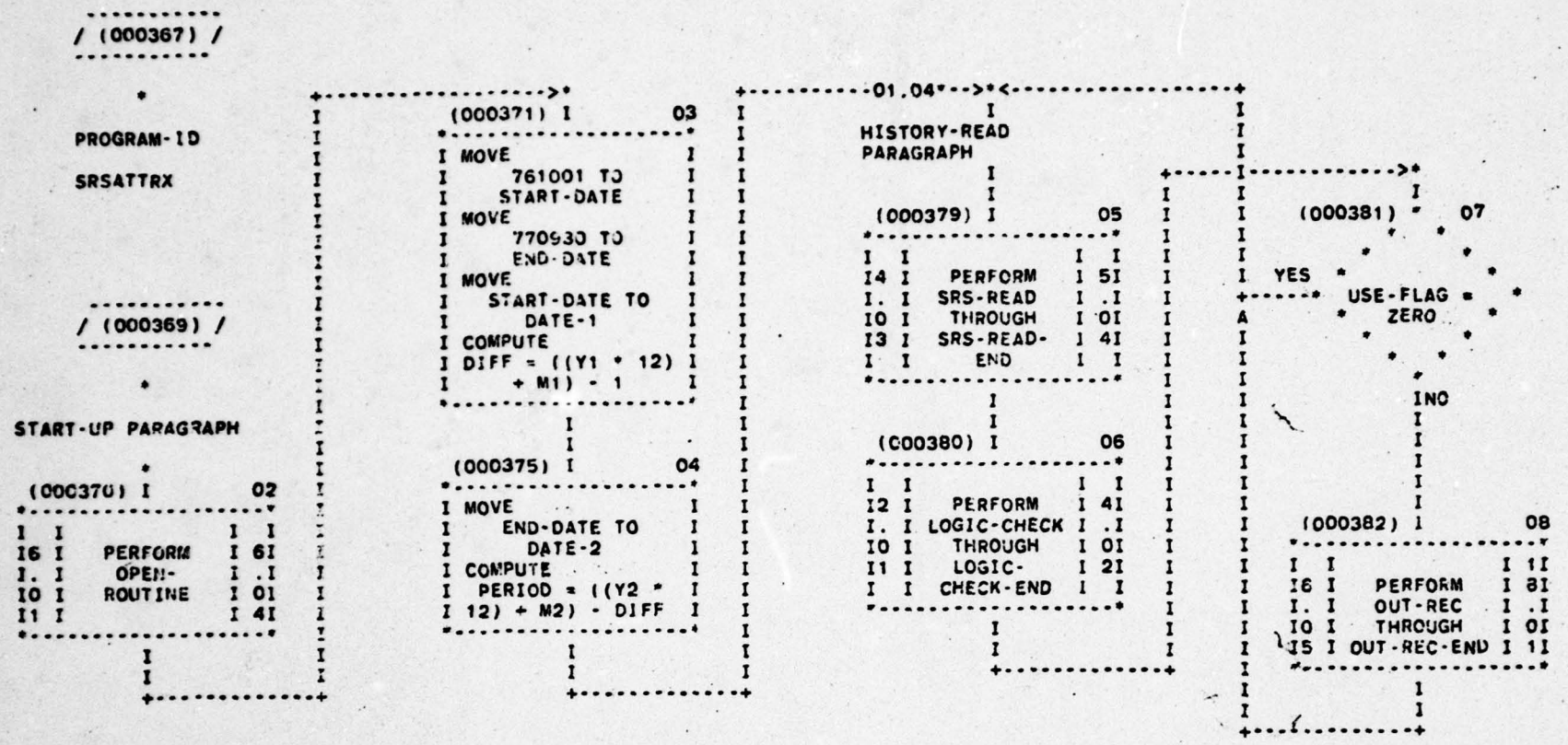

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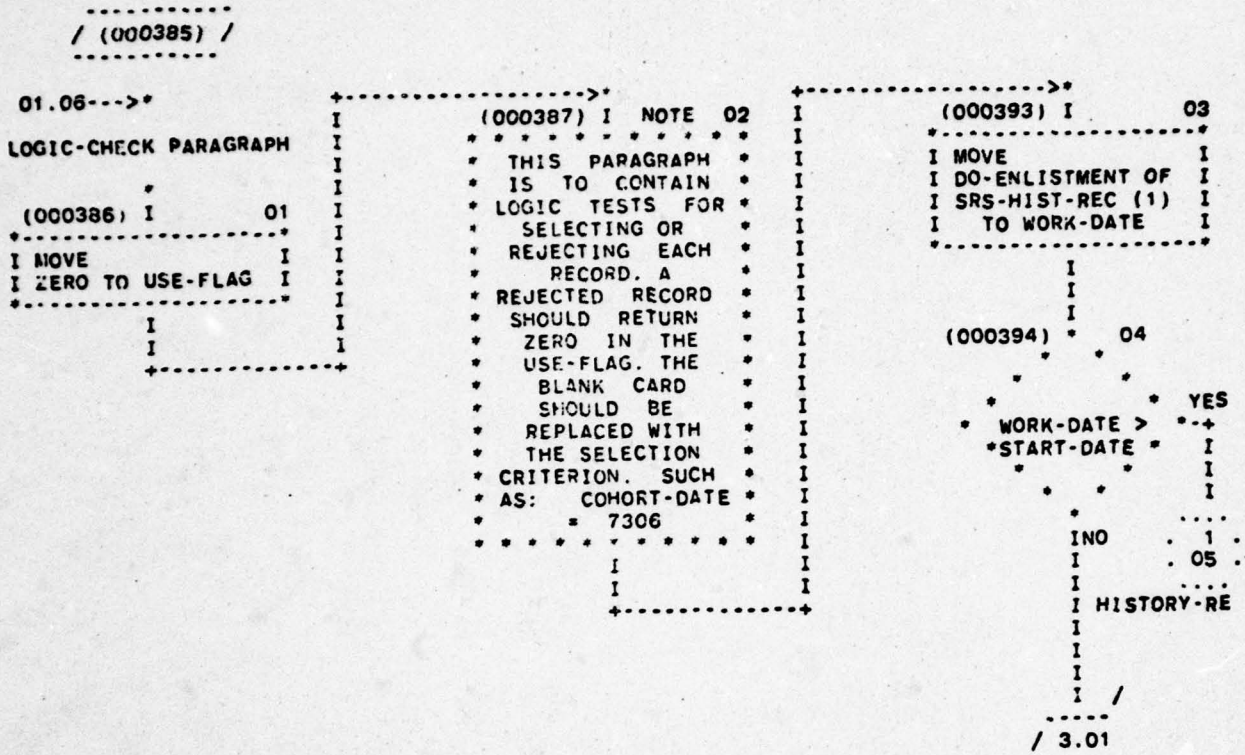

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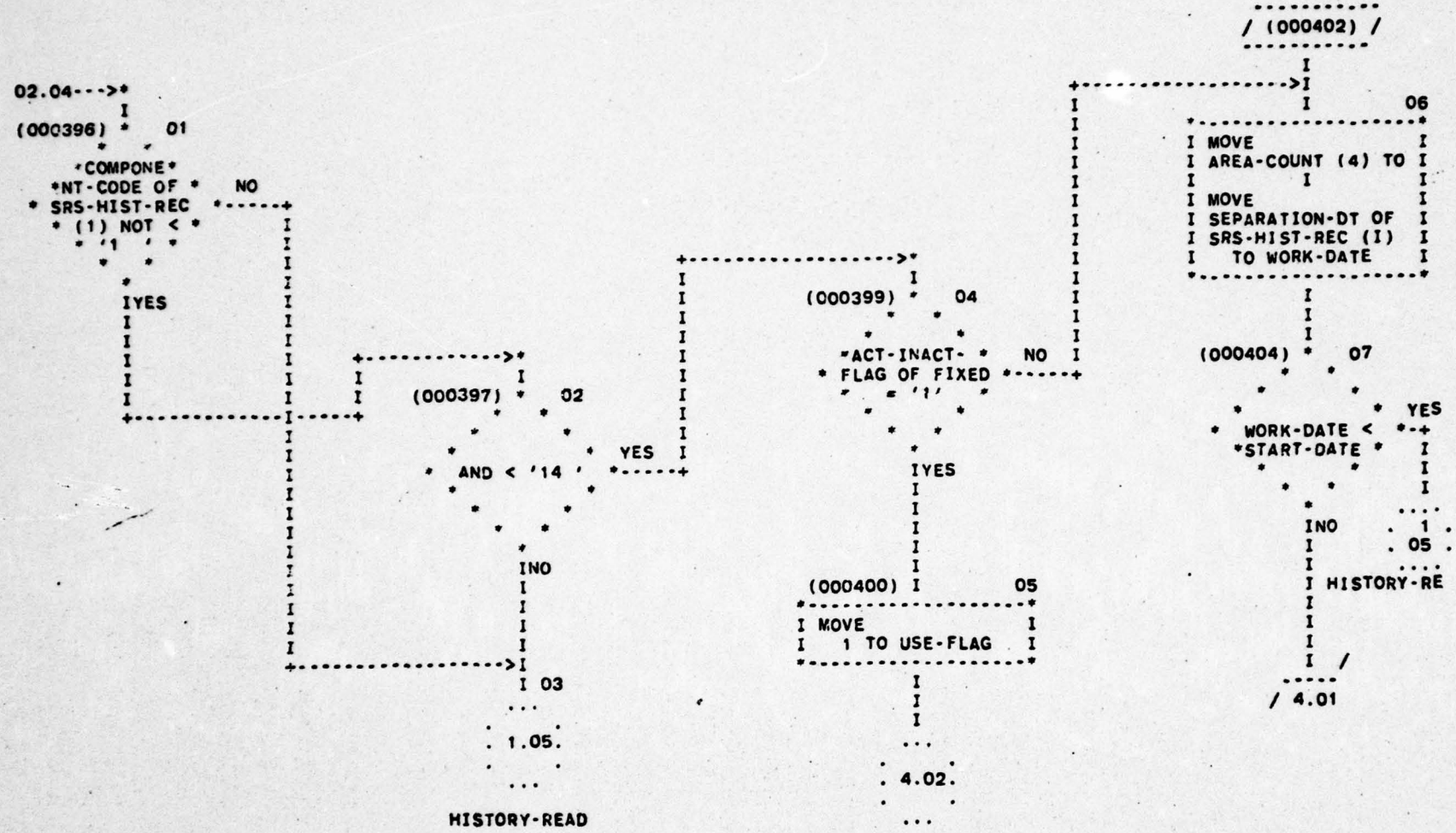

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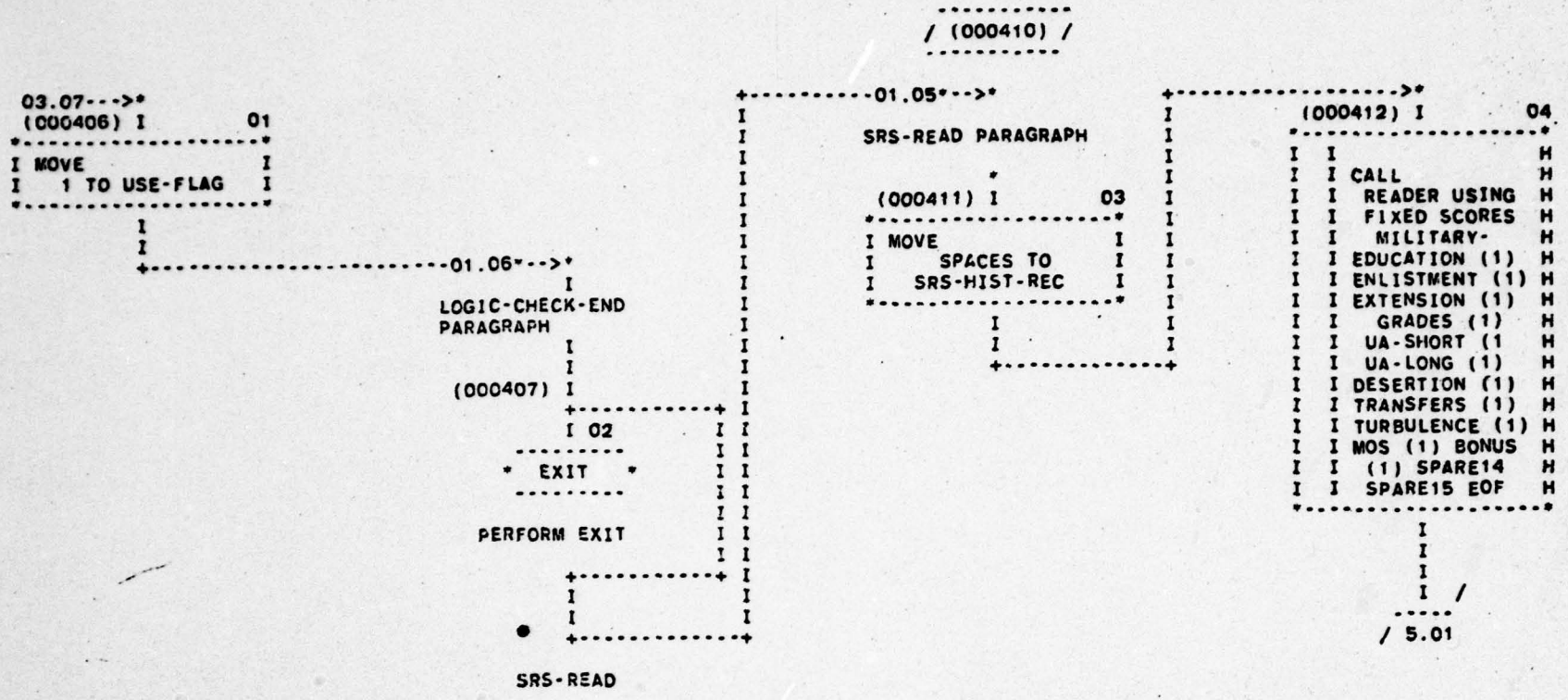

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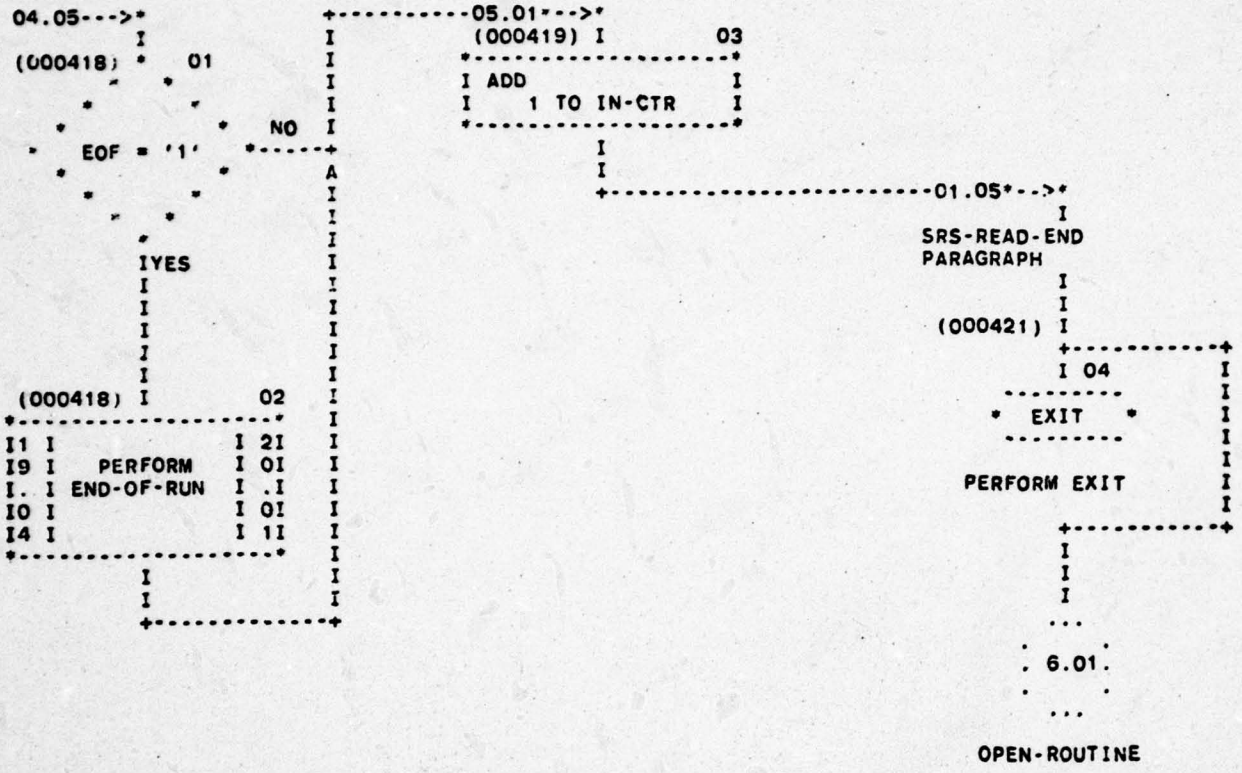

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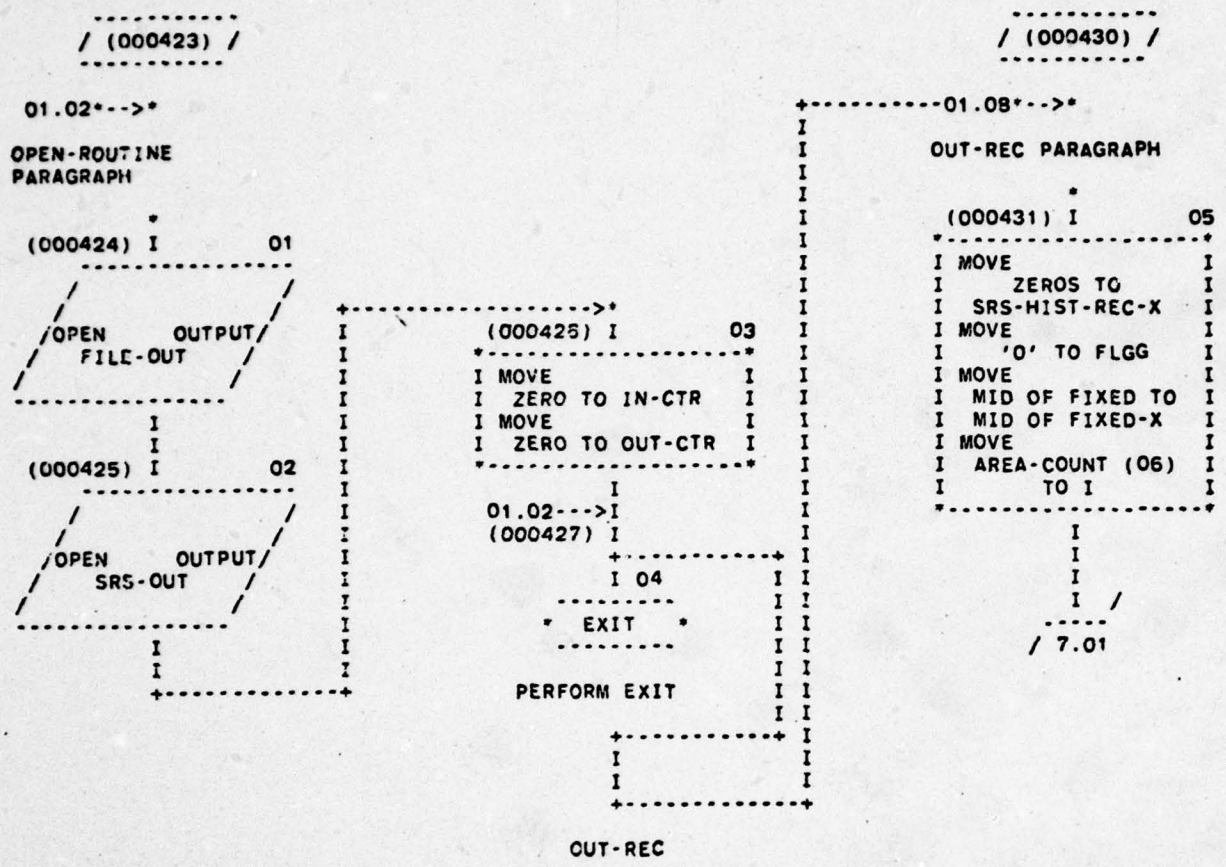

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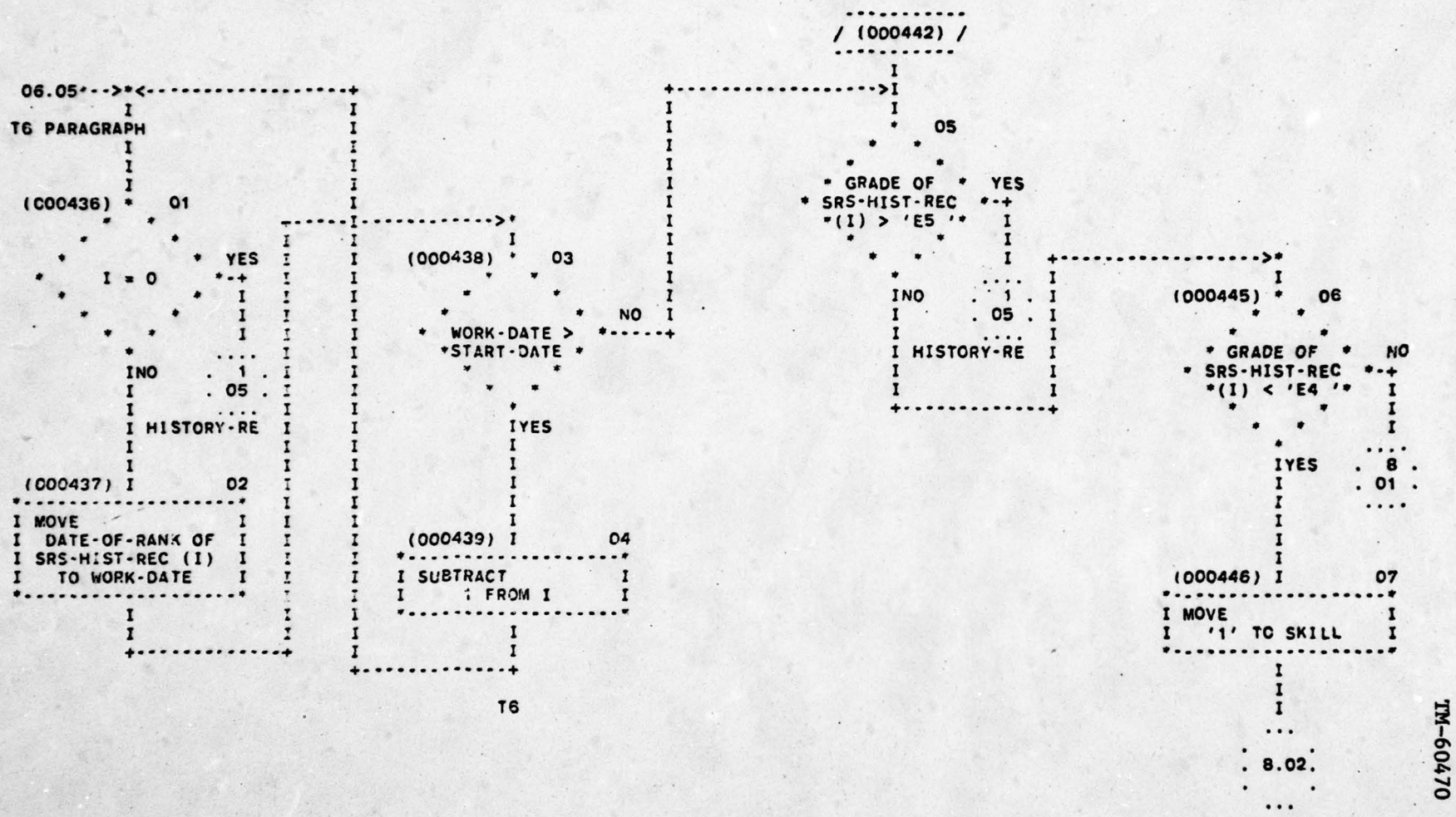

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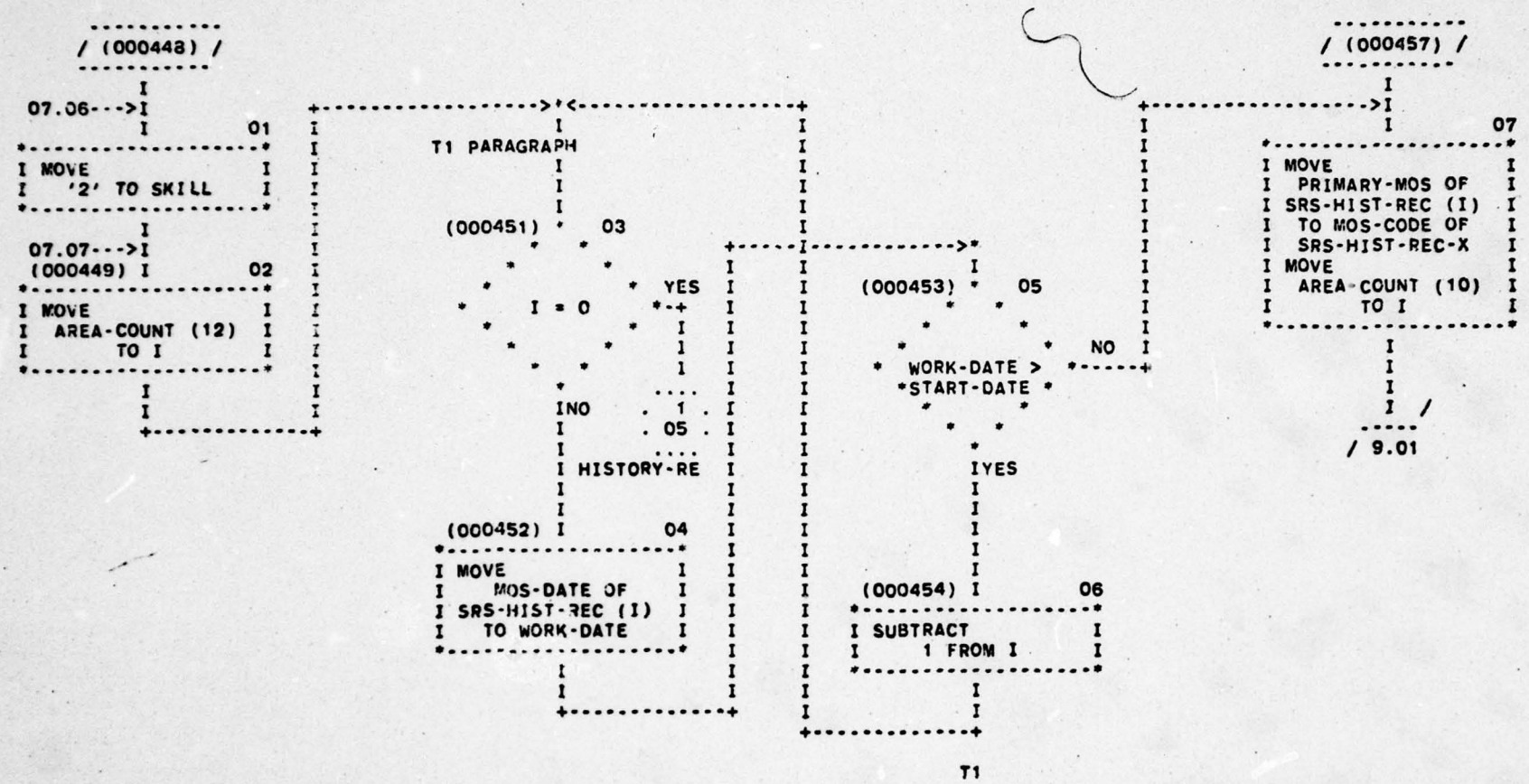

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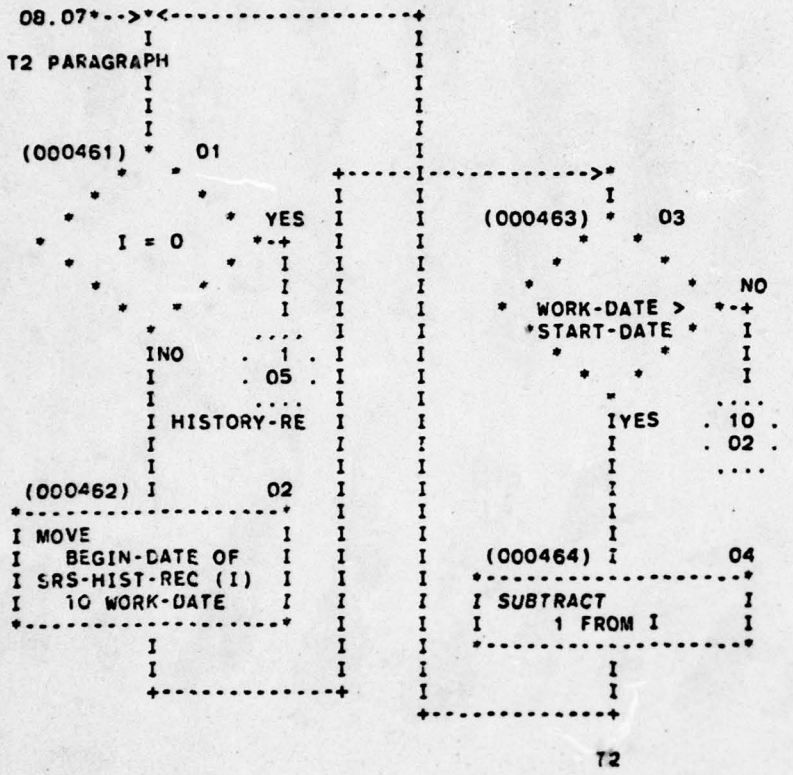

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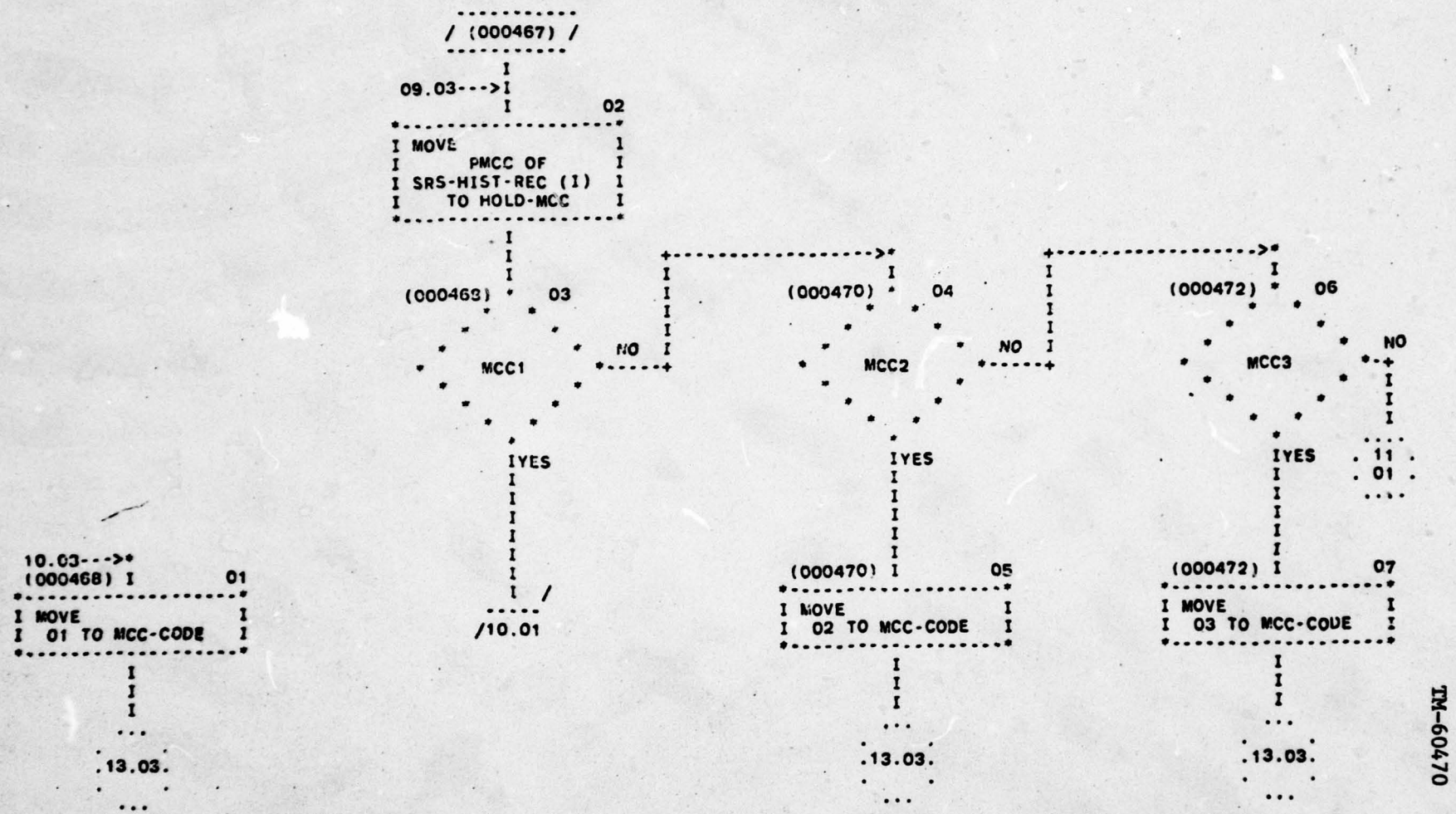

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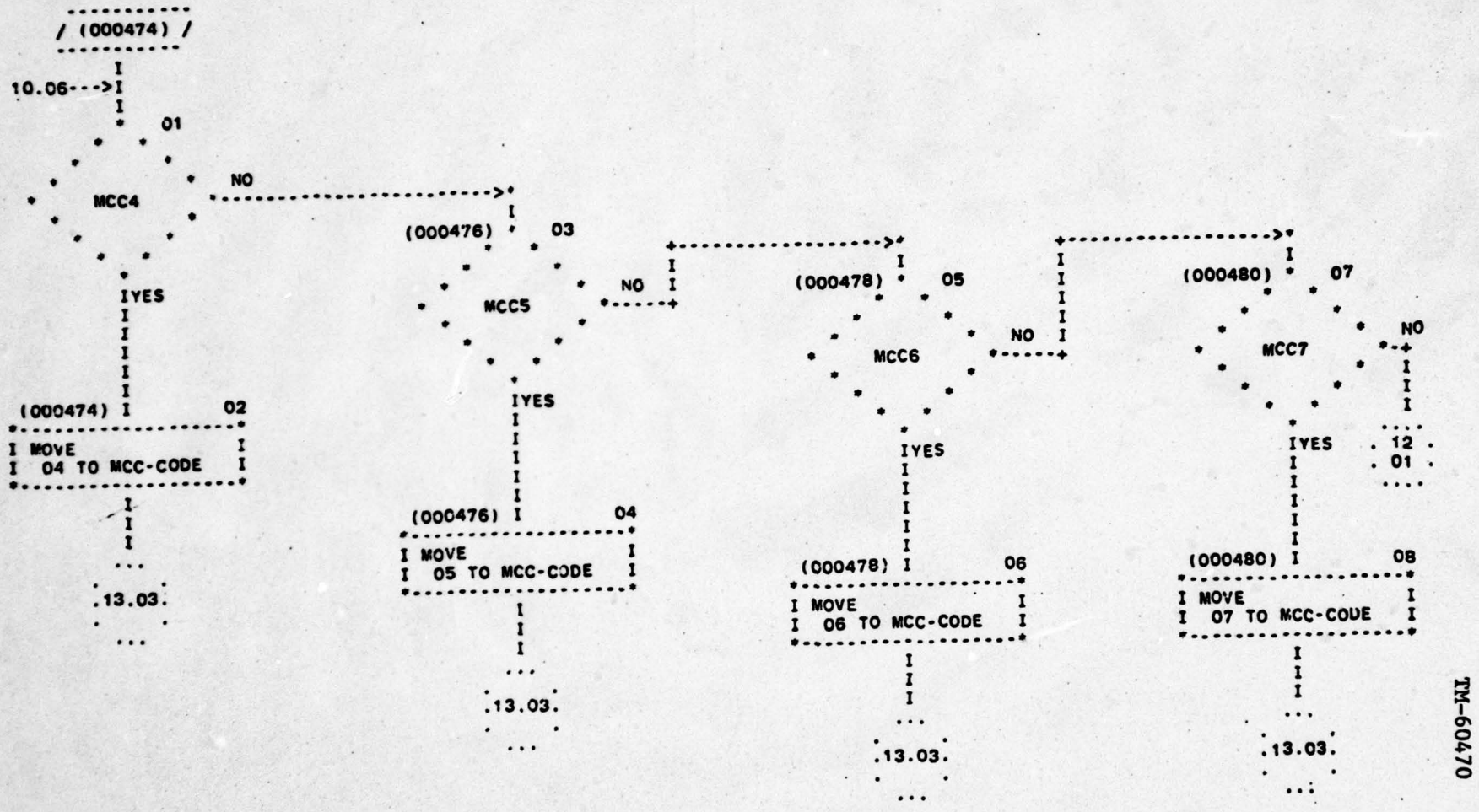

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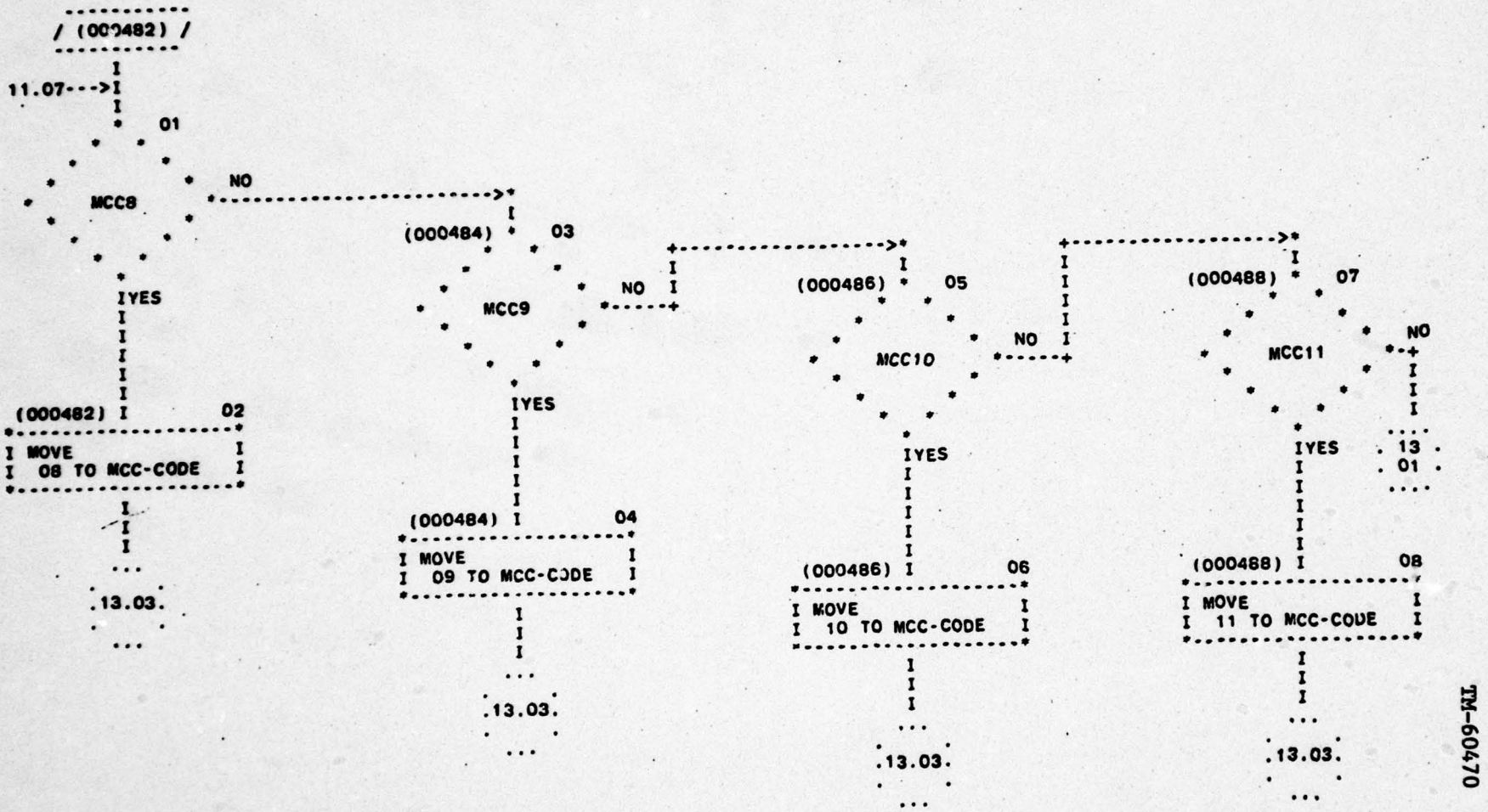

CHART TITLE - PROCEDURE DIVISION

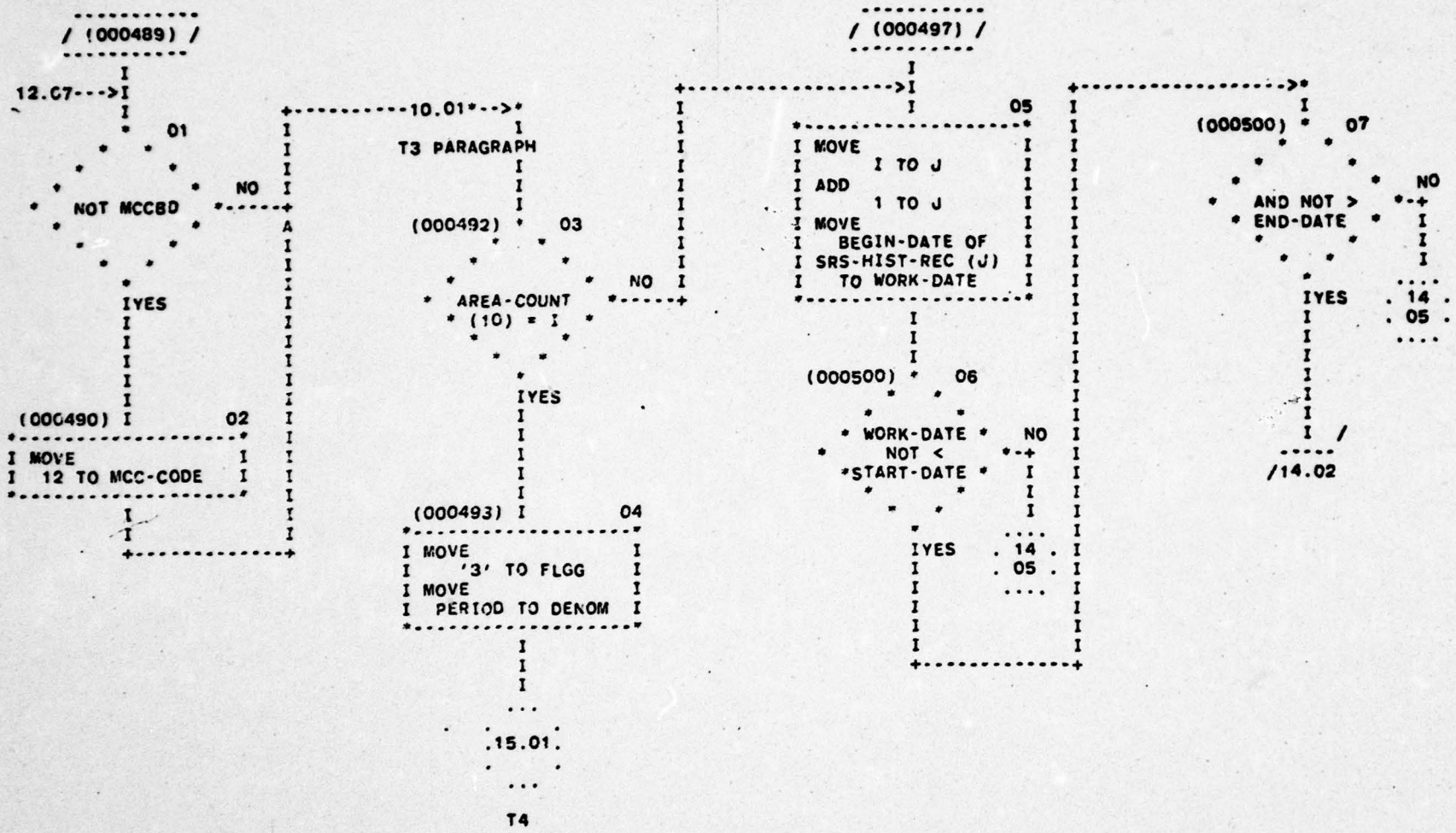

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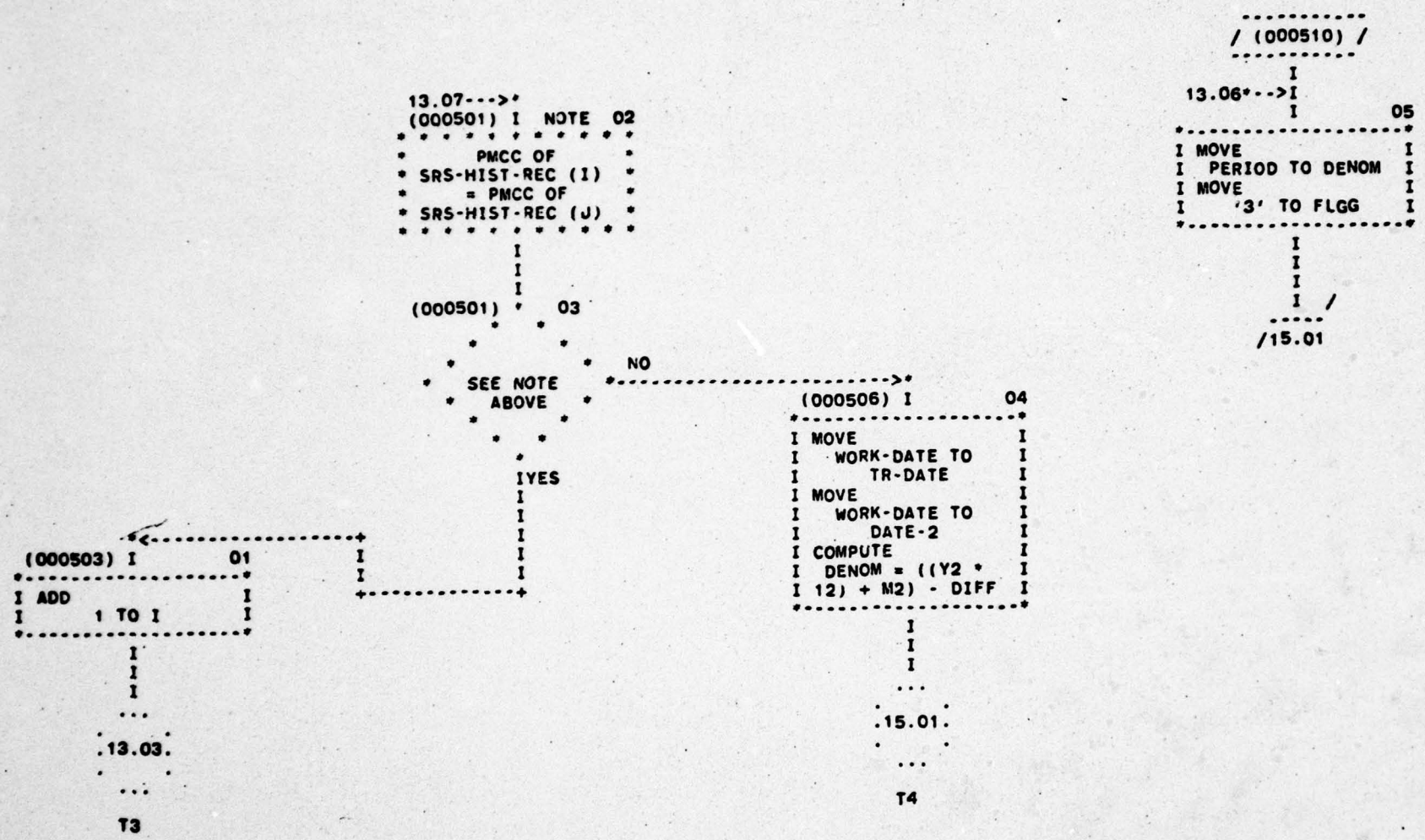
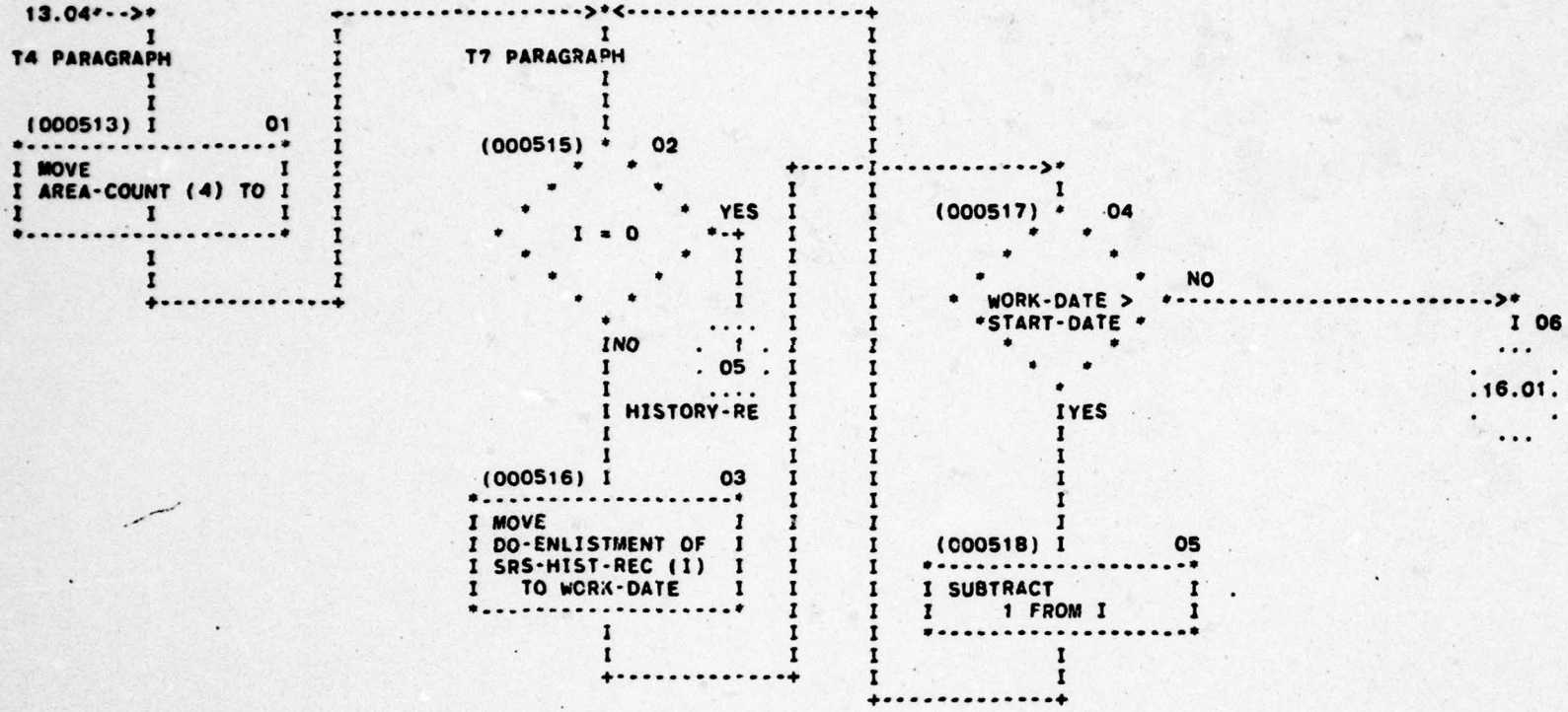
CHART TITLE - PROCEDURE DIVISION



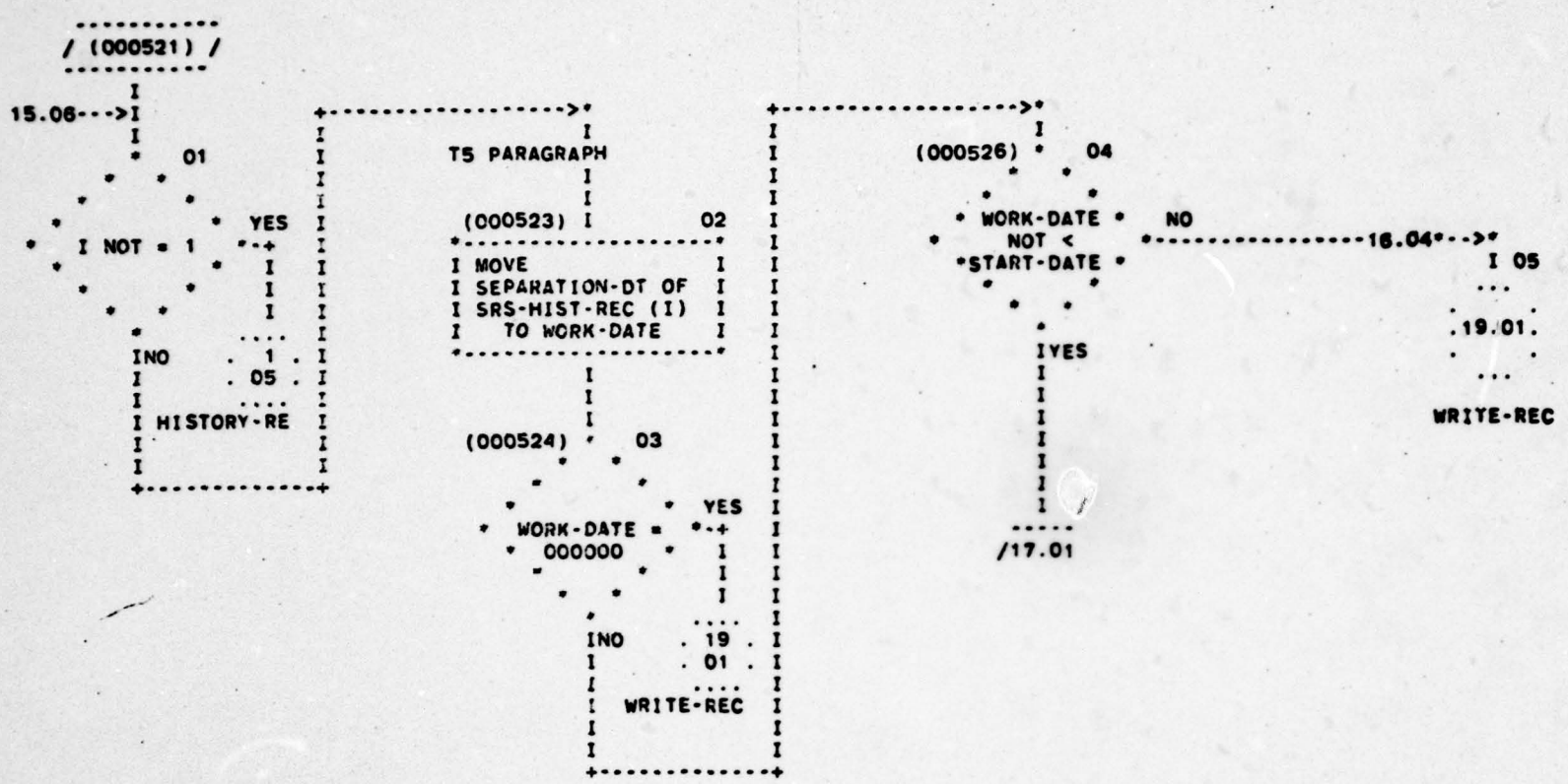
TM-60470

CHART TITLE - PROCEDURE DIVISION



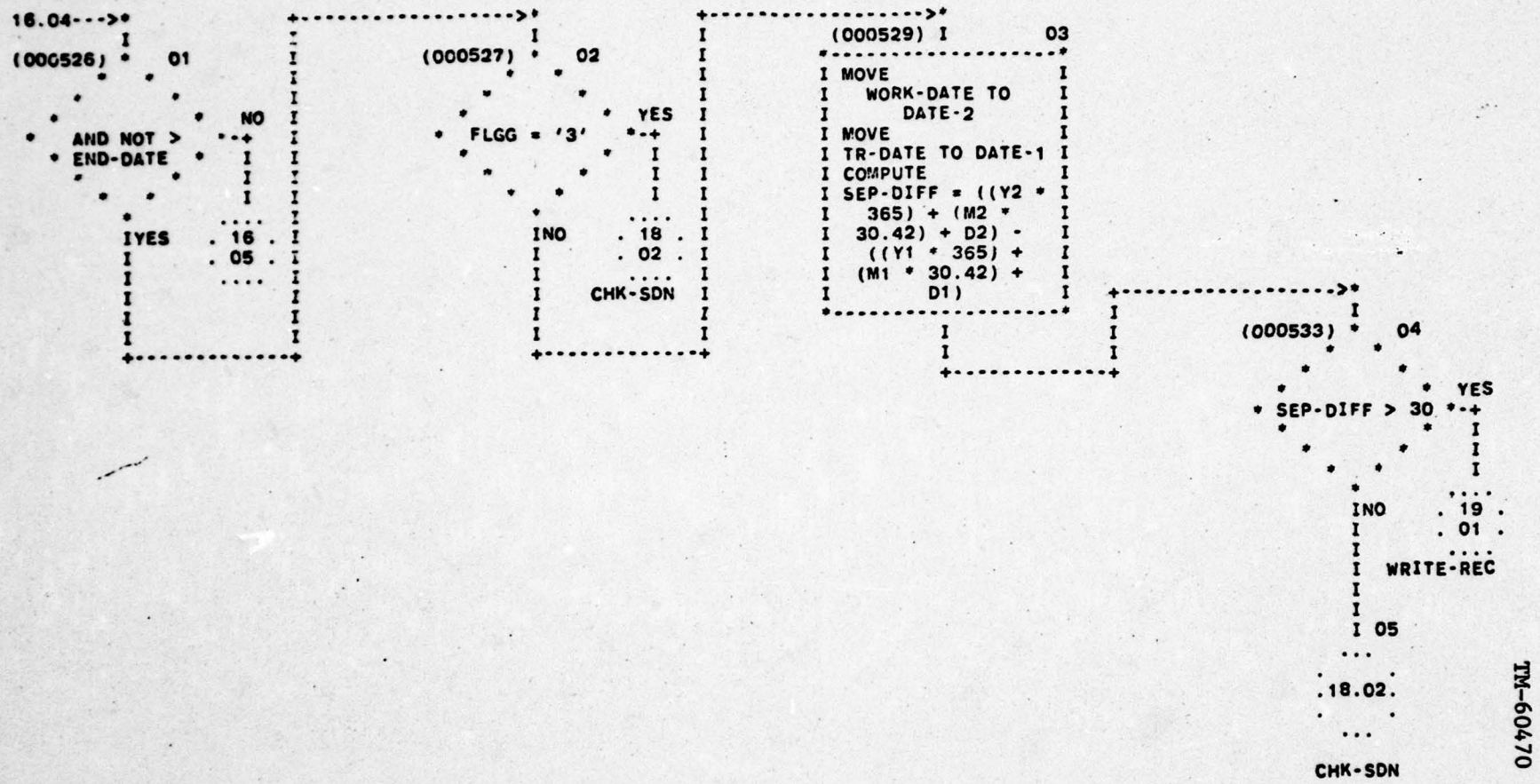
TM-60470

CHART TITLE - PROCEDURE DIVISION



TM-60470

CHART TITLE - PROCEDURE DIVISION



TM-60470

CHART TITLE - PROCEDURE DIVISION

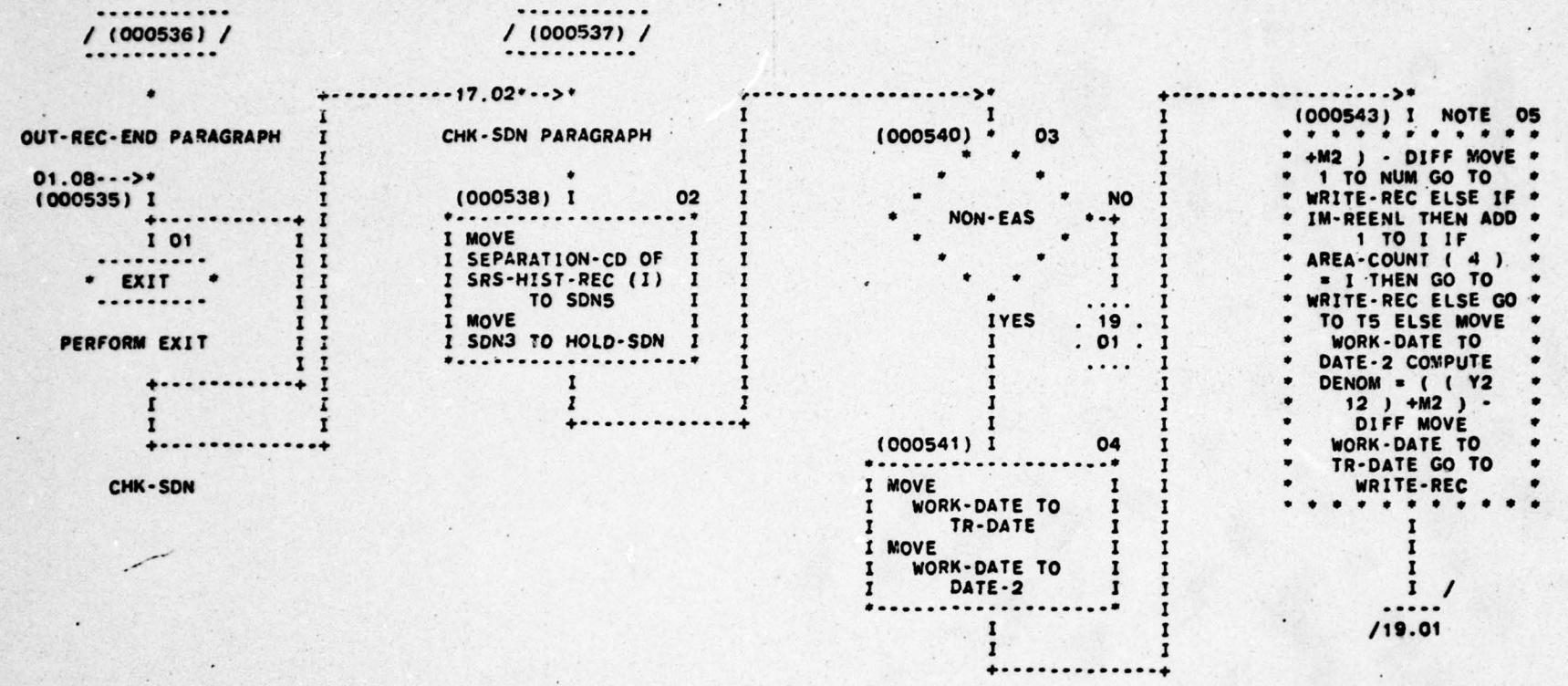
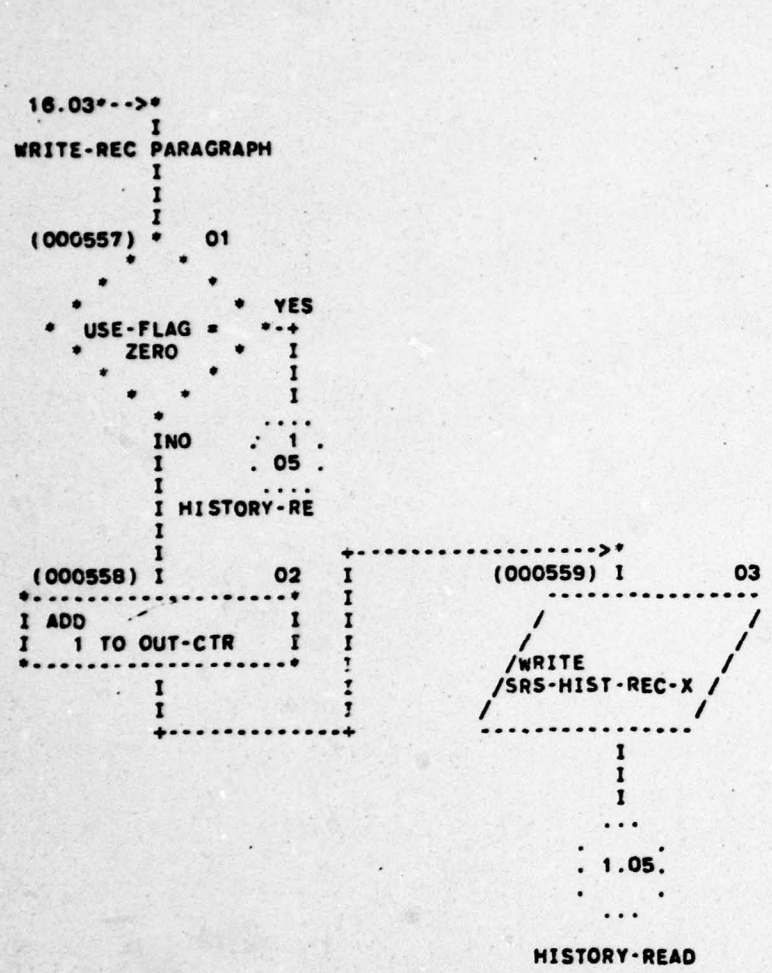


CHART TITLE - PROCEDURE DIVISION



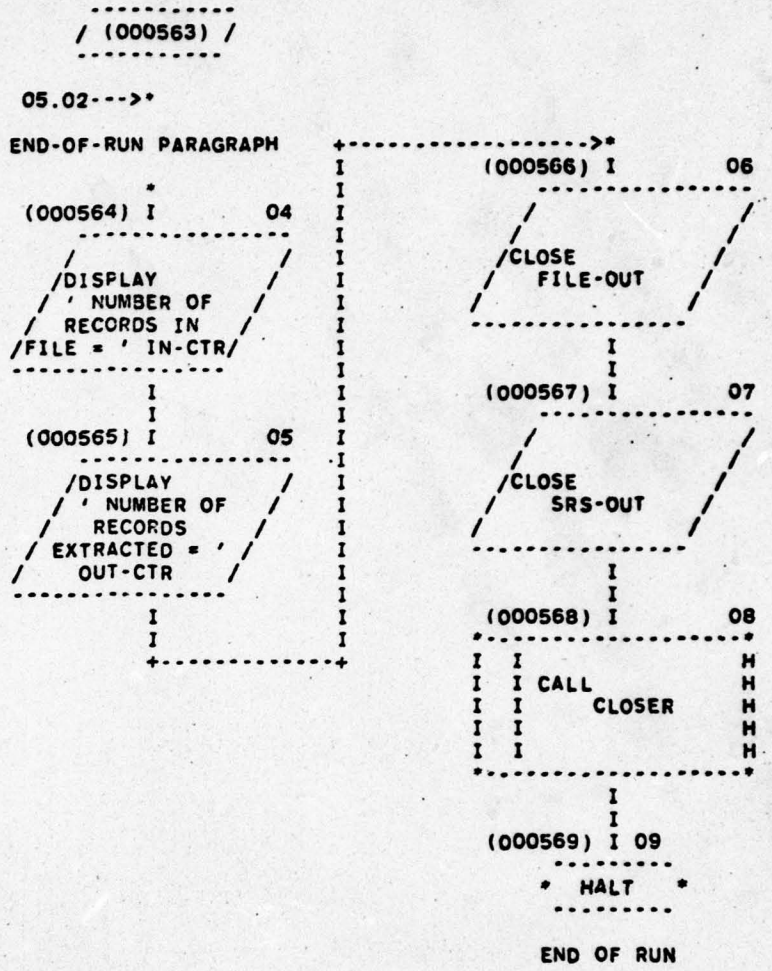
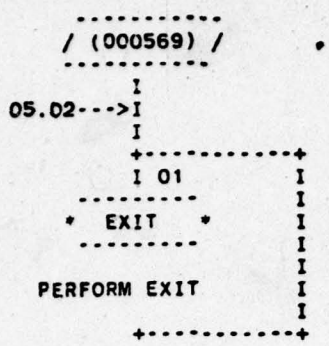


CHART TITLE - PROCEDURE DIVISION



2. SORT

Step two of the system sorts the file output by program SRSNEAS on MCC CODE, MOS (or OCC FIELD) and SKILL. The output from this sort is used as input to the SPSS AGGREGATE program (step 3).

3. PROGRAM AGGREGATE

Step three of the system aggregates the numerator and denominator values computed by program SRSNEAS. These are aggregated by MCC CODE, MOS (or OCC FIELD) and SKILL. This program outputs a numerator and denominator value for each unique MCC CODE, MOS (or OCC FIELD), SKILL combination. These records are input to step 4.

4. MARK-IV LIST PROGRAM

Step four is a MARK-IV program which takes the unique records output by step three and computes a non-EAS attrition rate (numerator/denominator) for each MCC CODE, MOS (or OCC FIELD) and SKILL combination. It then lists the results.

System Output

A sample of the results output by the system can be seen in Appendix A. These are average monthly non-EAS attrition rates for Fiscal Year 1978. Reading from left to right the meanings of each column are as follows:

a. MCC. This is the MCC-CODE which represents a PMCC grouping as shown in Appendix B.

b. PMOS. This is the Primary Military Occupational Speciality. If the run was on OCC FIELD (instead of MOS) this column would be headed OCC FIELD.

c. SKILL. A value of 1 represents grades E1 thru E3; a value of 2 represents grades E4 and E5.

d. NON-EAS ATTR. This is the average monthly non-EAS attrition rate for the MCC, PMOS (or OCC FIELD), SKILL combination shown on this line. This is given as a percent.

e. N. This is the number of records (or marines) which entered the non-EAS attrition rate calculation.

Job Control Language for Execution of System

Following is a complete list of JCL and control cards required to run the system. This list represents the cards required to obtain the non-EAS attrition rates for FY 78 by MCC CODE, MOS and SKILL.

```
//I5703NE2  JOB  (601R,MPI2),'DAMALIO',TIME=(60)                    00000010
//   LIB   DD  DSN=HQMC1.MPI.LOADLIB,DISP=SHR                       00000020
//STEPONE   EXEC  PGM=IEHPROGM,REGION=80K                           00000030
//SYSPRINT DD SYSOUT=A                                              00000040
//SYSOUT DD SYSOUT=A                                                00000050
//SYSIN DD *                                                        00000060
 UNCATLG  DSNAME=HQMC1.MPI2.C1080.NEAS                              00000070
 UNCATLG  DSNAME=HQMC1.MPI2.C1080.AGG.NEAS                          00000080
/*                                                                  00000090
//  EXEC LCOBUCLG,OFF=MPI1,SECT=RETRV,                              00000100
//  PARM.COB=(LIB,NODECK,LOAD,NODMAP,NOPMAP,SUPMAP,NOXREF,STATE,SXREF,  00000110
//             'SIZE=114K','BUF=16K'),                              00000120
//     REGION.LKED=90K,                                             00000130
//     REGION.GO=150K                                               00000140
//LIB.SYSIN  DD  *                                                  00000150
-OPT  NOLIST                                                        00000160
-SEL  SRSNEAS,DRXH,EXEC,TEMP                                        00000170
-REP 1350,1360                                                      00000180
            MOVE 771001 TO START-DATE.                              00000190
            MOVE 780930 TO END-DATE.                                00000200
-END                                                                00000210
/*                                                                  00000220
//COB.SYSIN  DD  DSN=&&LIBTEMP                                      00000230
/*                                                                  00000240
//LKED.SYSLIB  DD                                                   00000250
//     DD                                                           00000260
//     DD  DSN=HQMC1.AP12.MMSLIB,DISP=SHR                           00000270
/*                                                                  00000280
//GO.SYSPRINT  DD  SYSOUT=A,DCB=(RECFM=UA,BLKSIZE=133)              00000290
//GO.SYSOUT   DD  SYSOUT=A,DCB=(RECFM=UA,BLKSIZE=133)               00000300
//GO.SYSUDUMP  DD  SYSOUT=A                                         00000310
//GO.SYSDBOUT  DD  SYSOUT=A                                         00000320
//GO.INPUT  DD  DISP=OLD,DSN=HQMC1.MPI2.C1080.SRS-MAST              00000330
//GO.EXTRFILE DD  DISP=(NEW,CATLG),UNIT=2400-3,                     00000340
//     DSN=HQMC1.MPI2.C1080.NEAS,                                   00000350
//     DCB=(RECFM=FB,LRECL=027,BLKSIZE=0270)                        00000360
/*                                                                  00000370
//STEP1 EXEC PGM=IERRCOOO,REGION=200K                               00000380
//SORTLIB DD DSN=SYS1.SORTLIB,DISP=SHR                              00000390
//SYSUDUMP DD SYSOUT=A                                              00000400
//SYSOUT DD SYSOUT=A                                                00000410
//SORTIN DD DSN=HQMC1.MPI2.C1080.NEAS,DISP=OLD                      00000420
//SORTWK01 DD UNIT=SYSDA,SPACE=(TRK,(400))                          00000430
//SORTWK02 DD UNIT=(SYSDA,SEP=SORTWK01),AFF=SORTWK01,               00000440
//  SPACE=(TRK,(400))                                               00000450
//SORTWK03 DD  UNIT=(SYSDA,SEP=(SORTWK01,SORTWK02)),AFF=SORTWK01,   00000460
//  SPACE=(TRK,(400))                                               00000470
//SORTOUT  DD DSN=&NEAS,DISP=(,PASS),                               00000480
//     UNIT=3330,SPACE=(TRK,(300,10)),                              00000490
//     DCB=(RECFM=FB,LRECL=27,BLKSIZE=2700)                         00000500
//SYSIN  DD  *                                                      00000510
  SORT FIELDS=(12,2,CH,A,14,4,CH,A,11,1,CH,A),SIZE=E200000          00000520
/*                                                                  00000530
//STP3   EXEC  PGM=SPSS,REGION=200K,PARM=40K                        00000540
//FT01F001  DD  UNIT=SYSDA,SPACE=(800,(1000,100))                   00000550
//FT10F001  DD  DUMMY                                               00000560
//FT02F001 DD UNIT=3330,DCB=(BLKSIZE=13030),SPACE=(CYL,(100,10))    00000570
```

```
//FT08F001  DD DSN=&NEAS,UNIT=SYSDA,DISP=(OLD,DELETE)                          00000580
//FT09F001  DD  DSN=HQMC1.MPI2.C1080.AGG.NEAS,DISP=(NEW,CATLG),                00000590
//     DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),UNIT=2400                           00000600
//FT15F001  DD  SYSOUT=A,DCB=BLKSIZE=80                                        00000610
//FT06F001  DD  SYSOUT=A                                                       00000620
//FT05F001  DD  *                                                              00000630
RUN NAME        AGGREGATE NUM AND DENOM                                      00000640
VARIABLE LIST   SKILL,MCC,MOS,NUM,DENOM                                      00000650
INPUT MEDIUM    DISK                                                         00000660
N OF CASES      UNKNOWN                                                      00000670
INPUT FORMAT    FIXED (10X,F1.0,F2.0,F4.0,F2.0,F2.0,6X)                      00000680
AGGREGATE       GROUPVARS=MCC,MOS,SKILL/VARIABLES=NUM,DENOM/                 00000690
                AGGSTATS=VALIDN,SUM                                          00000700
OPTIONS         3                                                            00000710
STATISTICS      3                                                            00000720
READ INPUT DATA                                                              00000730
FINISH                                                                       00000740
//EX        EXEC MARKIV,DEPT=MPI                                             00000750
//EXT.M4OLD DD DSN=HQMC1.MPI2.C1080.AGG.NEAS,DISP=OLD                        00000760
//EXT.M4INPUT  DD *                                                          00000770
FY77ATTRRCNON-EAS S U   S                                                    00000780
FY77ATTRER                                                                   00000790
FY77ATTRT1  1FY78 NON-EAS ATTRITION RATES                                    00000800
FY77ATTRPR  1  ONUM      / ODENOM                          TATTRT            00000810
FY77ATTRPR  2  TATTRT    * D100                            TATTR             00000820
FY77ATTRPR  3            R OMCC                            TMCCS             00000830
FY77ATTRPR  4            R OMOS                            TMOSS             00000840
FY77ATTRPR  5            R OSKILL                          TSKILLS           00000850
FY77ATTRPR  6            R ON                              TNS               00000860
FY77ATTRPR  7            R TMCCS                           TMCCT             00000870
FY77ATTRPR  8            R TMOSS                           TMOST             00000880
FY77ATTRPR  9            R TSKILLS                         TSKILLT           00000890
FY77ATTRPR 10            R TNS                             TNT               00000900
FY77ATTRR1      TMCCT        1                                               00000910
FY77ATTRR1      TMOST        2                                               00000920
FY77ATTRR1      TSKILLT      3                                               00000930
FY77ATTRR1      TATTR                                                        00000940
FY77ATTRR1      TNT                                                          00000950
FY77ATTRE1                                                                   00000960
FY77ATTRTFMCCT     002C                        MCC                           00000970
FY77ATTRTFMCCS     003P                                                      00000980
FY77ATTRTFMOSS     005P                                                      00000990
FY77ATTRTFMOST     004C                        PMOS                          00001000
FY77ATTRTFSKILLS   001P                                                      00001010
FY77ATTRTFSKILLT   001C                        SKILL                         00001020
FY77ATTRTFNT       005C                        N                             00001030
FY77ATTRTFNS       004P                                                      00001040
FY77ATTRTFATTRT    005P5                                                     00001050
FY77ATTRTFATTR     005P2                       NON-EAS ATTR.                 00001060
//                                                                           00001070
```

Note 1. The DSNAMES on lines 70 and 80 must be the same as those on lines 350 and 590 respectively.

Note 2. The date in the COBOL statement on line 190 is the beginning date for the period of interest. This can be any date. In this example, it is the beginning of FY 78 (771001). If one wanted rates for FY 77 then line 190 would be changed to:

MOVE 761001 to START-DATE.

Note 3. The date in the COBOL statement on line 200 is the end date for the period of interest. This can be any date. In this example, it is the end of FY 78 (780930). If one wanted rates for FY 77 then line 200 would be changed to:

MOVE 770930 to END-DATE.

Note 4. The DSNAME on line 330 is the current SRS history file.

The following list represents the JCL and control cards required to obtain the non-EAS attrition rates for FY 78 by MCC-CODE, OCC FIELD and SKILL.

The notes on the previous page also apply to the following card listing.

```
//I5703NE2  JOB  (601R,MPI2),'DAMALIO',TIME=(60)                    00000010
//( BLIB   DD  DSN=HQMC1.MPI.LOADLIB,DISP=SHR                       00000020
//  EPONE   EXEC  PGM=IEHPROGM,REGION=80K                           00000030
//SYSPRINT DD SYSOUT=A                                              00000040
//SYSOUT DD SYSOUT=A                                                00000050
//SYSIN DD *                                                        00000060
 UNCATLG  DSNAME=HQMC1.MPI2.C1080.NEAS                              00000070
 UNCATLG  DSNAME=HQMC1.MPI2.C1080.AGG.NEAS                          00000080
/*                                                                  00000090
//  EXEC LCOBUCLG,OFF=MPI1,SECT=RETRV,                              00000100
//  PARM.COB=(LIB,NODECK,LOAD,NODMAP,NOPMAP,SUPMAP,NOXREF,STATE,SXREF,  00000110
//            'SIZE=114K','BUF=16K'),                               00000120
//     REGION.LKED=90K,                                             00000130
//     REGION.GO=150K                                               00000140
//LIB.SYSIN  DD  *                                                  00000150
-OPT  NOLIST                                                        00000160
-SEL  SRSNEAS,DRXH,EXEC,TEMP                                        00000170
-REP 1350,1360                                                      00000180
            MOVE 771001 TO START-DATE.                              00000190
            MOVE 780930 TO END-DATE.                                00000200
-END                                                                00000210
/*                                                                  00000220
//COB.SYSIN  DD  DSN=&&LIBTEMP                                      00000230
/*                                                                  00000240
//LKED.SYSLIB  DD                                                   00000250
//     DD                                                           00000260
//     DD  DSN=HQMC1.AP12.MMSLIB,DISP=SHR                           00000270
/*                                                                  00000280
//GO.SYSPRINT  DD  SYSOUT=A,DCB=(RECFM=UA,BLKSIZE=133)              00000290
//GO.SYSOUT   DD  SYSOUT=A,DCB=(RECFM=UA,BLKSIZE=133)               00000300
//GO.SYSUDUMP  DD  SYSOUT=A                                         00000310
//GO.SYSDBOUT  DD  SYSOUT=A                                         00000320
//GO.INPUT  DD  DISP=OLD,DSN=HQMC1.MPI2.C1080.SRS-MAST              00000330
//GO.EXTRFILE DD  DISP=(NEW,CATLG),UNIT=2400-3,                     00000340
//     DSN=HQMC1.MPI2.C1080.NEAS,                                   00000350
//     DCB=(RECFM=FB,LRECL=027,BLKSIZE=0270)                        00000360
/*                                                                  00000370
//STEP1 EXEC PGM=IERRCOOO,REGION=200K                               00000380
//SORTLIB DD DSN=SYS1.SORTLIB,DISP=SHR                              00000390
//SYSUDUMP DD SYSOUT=A                                              00000400
//SYSOUT DD SYSOUT=A                                                00000410
//SORTIN DD DSN=HQMC1.MPI2.C1080.NEAS,DISP=OLD                      00000420
//SORTWK01 DD UNIT=SYSDA,SPACE=(TRK,(400))                          00000430
//SORTWK02 DD UNIT=(SYSDA,SEP=SORTWK01),AFF=SORTWK01,               00000440
//  SPACE=(TRK,(400))                                               00000450
//SORTWK03 DD  UNIT=(SYSDA,SEP=(SORTWK01,SORTWK02)),AFF=SORTWK01,   00000460
//  SPACE=(TRK,(400))                                               00000470
//SORTOUT  DD DSN=&NEAS,DISP=(,PASS),                               00000480
//     UNIT=3330,SPACE=(TRK,(300,10)),                              00000490
//     DCB=(RECFM=FB,LRECL=27,BLKSIZE=2700)                         00000500
//SYSIN  DD  *                                                      00000510
  SORT FIELDS=(12,2,CH,A,14,2,CH,A,11,1,CH,A),SIZE=E200000          00000520
/*                                                                  00000530
//STP3   EXEC  PGM=SPSS,REGION=200K,PARM=40K                        00000540
//FT01F001  DD  UNIT=SYSDA,SPACE=(800,(1000,100))                   00000550
//FT10F001  DD  DUMMY                                               00000560
//FT02F001 DD UNIT=3330,DCB=(BLKSIZE=13030),SPACE=(CYL,(100,10))    00000570
```

```
//FT08F001  DD DSN=&NEAS,UNIT=SYSDA,DISP=(OLD,DELETE)                    00000580
//FT09F001  DD  DSN=HQMC1.MPI2.C1080.AGG.NEAS,DISP=(NEW,CATLG),          00000590
//     DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),UNIT=2400                     00000600
//FT15F001  DD  SYSOUT=A,DCB=BLKSIZE=80                                  00000610
//FT06F001  DD  SYSOUT=A                                                 00000620
//FT05F001  DD  *                                                        00000630
RUN NAME        AGGREGATE NUM AND DENOM                                 00000640
VARIABLE LIST   SKILL,MCC,MOS,NUM,DENOM                                 00000650
INPUT MEDIUM    DISK                                                    00000660
N OF CASES      UNKNOWN                                                 00000670
INPUT FORMAT    FIXED (10X,F1.0,F2.0,F2.0,2X,2(F2.0),6X)                00000680
AGGREGATE       GROUPVARS=MCC,MOS,SKILL/VARIABLES=NUM,DENOM/            00000690
                AGGSTATS=VALIDN,SUM                                     00000700
OPTIONS         3                                                       00000710
STATISTICS      3                                                       00000720
READ INPUT DATA                                                         00000730
FINISH                                                                  00000740
//EX        EXEC MARKIV,DEPT=MPI                                        00000750
//EXT.M4OLD DD DSN=HQMC1.MPI2.C1080.AGG.NEAS,DISP=OLD                   00000760
//EXT.M4INPUT  DD *                                                     00000770
FY77ATTRRCNON-EAS S U   S                                               00000780
FY77ATTRER                                                              00000790
FY77ATTRT1  1FY78 NON-EAS ATTRITION RATES                               00000800
FY77ATTRPR  1  ONUM     / ODENOM                          TATTRT        00000810
FY77ATTRPR  2  TATTRT   * D100                            TATTR         00000820
FY77ATTRPR  3           R OMCC                            TMCCS         00000830
FY77ATTRPR  4           R OMOS                            TMOSS         00000840
FY77ATTRPR  5           R OSKILL                          TSKILLS       00000850
FY77ATTRPR  6           R ON                              TNS           00000860
FY77ATTRPR  7           R TMCCS                           TMCCT         00000870
FY77ATTRPR  8           R TMOSS                           TMOST         00000880
FY77ATTRPR  9           R TSKILLS                         TSKILLT       00000890
FY77ATTRPR 10           R TNS                             TNT           00000900
FY77ATTRR1      TMCCT       1                                           00000910
FY77ATTRR1      TMOST       2                                           00000920
FY77ATTRR1      TSKILLT     3                                           00000930
FY77ATTRR1      TATTR                                                   00000940
FY77ATTRR1      TNT                                                     00000950
FY77ATTRE1                                                              00000960
FY77ATTRTFMCCT    002C                        MCC                       00000970
FY77ATTRTFMCCS    003P                                                  00000980
FY77ATTRTFMOSS    005P                                                  00000990
FY77ATTRTFMOST    002C                        OCC FIELD                 00001000
FY77ATTRTFSKILLS  001P                                                  00001010
FY77ATTRTFSKILLT  001C                        SKILL                     00001020
FY77ATTRTFNT      005C                        N                         00001030
FY77ATTRTFNS      004P                                                  00001040
FY77ATTRTFATTRT   005P5                                                 00001050
FY77ATTRTFATTR    005P2                       NON-EAS ATTR.             00001060
//                                                                      00001070
```

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[1] TOMLINSON, ROSS E. (1974). Creating a personnel data base with a time dimension for the Marine Corps. Technical Memorandum Serial TM-65211. Program in Logistics, The George Washington University.

[2] TEEPLES, THOMAS C. (1976). Draft System Specification: Statistical Retrieval System and Rate Generator. Program in Logistics, The George Washington University.

[3] TEEPLES, THOMAS C. (1977). Statistical retrieval system and rate generator: command/management manual. Technical Memorandum Serial TM-60418. Program in Logistics, The George Washington University.

[4] D'AMALIO, JOSEPH M. and THOMAS C. TEEPLES (1978). Statistical retrieval system and rate generator: program manual. Technical Memorandum Serial TM-60423. Program in Logistics, The George Washington University.

[5] D'AMALIO, JOSEPH M. and CAPTAIN WALTER W. SEVON, USMC (1978). An application of the SRS/RG in determining enlisted attrition rates in the USMC. Technical Paper Serial T-389. Program in Logistics, The George Washington University.

Appendix A

FY 78 AVERAGE MONTHLY NON-EAS ATTRITION RATES BY MCC-CODE, MOS, SKILL

FY78 NON-EAS ATTRITION RATES

MCC	PMOS	SKILL	NON-EAS ATTR.	N
0	0	1	.00	7
		2	.00	2
	100	1	1.69	173
		2	.00	3
	121	1	2.49	39
		2	.56	18
	131	1	.87	33
		2	.00	29
	151	1	1.42	203
		2	.28	116
	161	1	3.22	6
		2	.00	5
	182	2	.00	15
	231	2	.00	1
	300	1	1.49	75
		2	.00	1
	311	1	2.07	86
		2	.44	153
	331	1	3.84	8
		2	.00	12
	341	1	19.04	7
		2	.00	20
	351	1	4.28	11
		2	.00	15
	400	1	.00	1
	431	1	50.00	1
		2	.00	1
	441	2	.00	3
	451	2	.00	1
	800	1	5.40	17
	811	1	.00	3
		2	2.49	4
	1100	1	.00	4
	1121	1	.00	6
		2	.00	3
	1141	1	.00	4
		2	.00	6
	1161	1	4.34	2
		2	.00	3
	1171	2	.00	1
	1300	1	.00	13
	1316	2	.00	1
	1341	1	5.26	2
		2	.00	1
	1345	1	.00	5
		2	.00	3
	1371	1	1.51	7

MCC	PMOS	SKILL	NON-EAS ATTR.	N
0	1371	2	.75	14
	1381	1	.00	1
		2	.00	1
	1411	2	.00	2
	1500	1	.00	2
	1521	1	.00	4
		2	.00	4
	1531	2	.00	1
	1800	1	.00	15
	1811	1	50.00	1
		2	.00	1
	1833	1	9.99	3
		2	.00	2
	2100	1	.00	16
	2111	1	1.96	6
		2	.94	10
	2131	1	.00	1
	2141	1	.00	1
	2142	2	.00	1
	2144	2	.00	1
	2300	1	.00	1
	2311	1	.00	3
		2	.00	14
	2500	1	1.61	68
		2	11.11	1
	2512	1	.57	15
		2	.42	24
	2531	1	.00	11
		2	.00	26
	2532	2	.00	3
	2542	1	1.66	20
		2	.99	11
	2600	1	.00	4
	2621	2	.00	2
	2641	2	.00	1
	2800	1	.00	9
		2	.00	1
	2811	1	.00	1
		2	.00	1
	2814	2	.00	2
	2818	1	5.26	5
		2	.00	2
	2831	2	.00	1
	2841	2	.00	4
	3000	1	1.08	65
		2	.00	1
	3042	1	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
U	3042	2	.00	1
	3043	1	2.32	12
		2	.43	26
	3051	1	1.78	41
		2	.22	44
	3061	1	2.64	15
		2	.00	6
	3072	2	.00	14
	3081	1	.00	1
		2	.00	6
	3100	2	.00	1
	3111	1	.00	1
		2	.00	1
	3121	1	14.28	1
		2	2.63	5
	3200	1	.00	1
	3211	1	.00	1
		2	.00	2
	3242	2	.00	1
	3300	1	3.40	27
		2	.00	2
	3311	1	1.59	39
		2	1.49	8
	3371	1	1.42	128
		2	.47	84
	3400	1	.00	1
	3421	1	1.55	19
		2	3.03	5
	3431	1	.00	3
	3451	1	4.25	11
		2	.00	8
	3500	1	.00	31
	3513	1	.00	1
	3521	1	.00	2
		2	.00	5
	3522	2	.00	2
	3531	1	2.27	43
		2	.15	66
	3533	1	5.55	2
		2	.00	7
	3534	1	9.99	1
	3535	1	5.40	6
		2	2.38	4
	4000	1	.78	25
	4014	1	.00	1
	4016	1	.00	2
		2	.00	4

FY78 NON-EAS ATTRITION RATES

MCC	PMOS	SKILL	NON-EAS ATTR.	N
0	4034	1	2.56	4
		2	.00	22
	4044	2	.00	1
	4063	1	7.14	2
		2	.00	9
	4100	1	1.53	7
	4111	1	33.33	1
		2	.00	1
	4131	1	1.88	5
		2	.00	9
	4312	1	2.53	7
		2	.00	7
	4313	2	.00	1
	4400	2	.00	1
	4421	1	1.69	5
		2	1.61	7
	4422	1	.00	2
		2	.00	1
	4600	2	.00	2
	4631	1	7.99	3
	4651	2	.00	1
	4671	1	7.69	2
		2	.00	1
	4900	1	.00	11
		2	.00	2
	4911	1	3.33	3
		2	.00	2
	4921	1	.00	1
		2	.00	2
	4931	1	.00	1
		2	.00	8
	5500	1	1.28	12
	5526	2	.00	1
	5528	2	.00	1
	5534	1	.00	3
		2	.00	3
	5536	1	.00	2
		2	.00	1
	5537	1	.00	1
		2	2.49	4
	5541	1	.00	6
		2	.00	7
	5544	1	.00	2
		2	.00	1
	5546	1	.00	4
		2	.00	1
	5547	1	.00	2

MCC	PMOS	SKILL	NON-EAS ATTR.	N
0	5547	2	.00	2
	5563	1	6.25	2
		2	.00	2
	5565	2	.00	1
	5577	1	.00	1
		2	.00	1
	5593	2	.00	1
	5800	1	.00	6
		2	.00	1
	5811	1	1.17	69
		2	.28	35
	5812	2	.00	1
	5821	2	.00	1
	5831	1	.85	43
		2	.77	30
	5900	1	.00	1
	5921	2	100.00	1
	5922	2	.00	1
	5931	2	.00	1
	5945	2	.00	1
	6000	1	2.63	28
	6012	1	.00	1
		2	.00	1
	6014	1	33.33	1
	6015	2	.00	2
	6022	1	.00	1
		2	.00	2
	6024	2	7.14	2
	6028	1	16.66	1
	6042	1	.00	1
		2	.00	3
	6052	1	.00	1
		2	.00	1
	6054	2	12.50	1
	6062	2	.00	4
	6064	2	.00	1
	6071	1	.00	1
	6075	2	.00	2
	6076	2	.00	1
	6077	2	.00	2
	6082	1	.00	1
		2	.00	1
	6111	1	.00	1
	6113	1	33.33	1
	6124	2	.00	1
	6125	2	11.11	1
	6500	1	.00	2

MCC	PMOS	SKILL	NON-EAS ATTR.	N
0	6521	1	11.11	2
		2	.00	1
	6531	2	14.28	2
	6541	2	6.25	2
	6600	1	.00	18
		2	.00	1
	6656	2	.00	1
	6821	2	.00	1
	7000	1	.00	5
	7041	2	2.32	4
	7051	2	.00	2
	7200	1	.00	1
	7222	2	.00	5
	7300	1	.00	2
	7322	2	.00	1
	9900	1	3.13	8349
		2	.00	1
	9970	1	1.30	2512
	9971	1	.00	4
	9973	1	.00	3
	9974	1	.00	1
	9975	1	.38	68
	9979	1	1.74	5211
		2	.00	2
1	100	1	.00	5
	121	1	.50	36
		2	.00	23
	131	1	.00	25
		2	.00	21
	141	1	.00	1
	151	1	.19	102
		2	.85	54
	161	1	.62	15
		2	.00	11
	182	2	.00	4
	200	2	.00	1
	231	1	.00	2
		2	.00	6
	251	2	.00	1
	300	1	.97	455
		2	.00	4
	311	1	.84	657
		2	.15	267
	331	1	.96	116
		2	.00	51
	341	1	.48	156

MCC	PMOS	SKILL	NON-EAS ATTR.	N
1	341	2	.18	60
	351	1	.68	104
		2	.16	65
	400	1	6.25	2
	431	1	.00	6
		2	1.17	10
	441	1	1.47	8
		2	.00	13
	451	2	.00	3
	800	1	1.15	63
	811	1	1.16	138
		2	.38	27
	844	1	.00	42
		2	.42	24
	846	1	.00	6
		2	.00	3
	847	1	.00	2
		2	.00	1
	848	2	.00	2
	849	1	.00	7
		2	.00	4
	1100	1	.00	2
	1121	1	5.76	6
		2	.00	8
	1141	1	.00	10
		2	1.66	6
	1142	1	.00	2
		2	.00	13
	1161	1	.00	10
		2	.00	6
	1171	1	.00	3
		2	.00	4
	1173	1	.00	3
	1300	1	1.29	85
	1316	1	.00	4
		2	.00	5
	1341	1	.49	19
		2	1.05	13
	1345	1	.00	30
		2	.00	9
	1371	1	.72	68
		2	.00	26
	1381	1	.59	21
		2	.00	8
	1391	1	.66	28
		2	.00	6
	1400	1	.00	2

MCC	PMOS	SKILL	NON-EAS ATTR.	N
1	1411	1	.00	2
		2	.00	2
	1421	2	.00	1
	1431	1	.00	1
		2	.00	2
	1521	1	.00	1
		2	.00	1
	1800	1	.00	15
		2	.00	1
	1933	1	.00	72
		2	.38	28
	2100	1	.00	11
	2111	1	.00	7
		2	.00	11
	2131	2	.00	5
	2142	1	.00	11
		2	.72	13
	2161	1	.00	1
		2	.00	4
	2171	1	6.25	2
		2	.00	1
	2311	1	.00	30
		2	.00	11
	2500	1	.51	154
		2	.00	2
	2511	1	.00	1
	2512	1	.54	109
		2	.00	45
	2531	1	.95	187
		2	.20	60
	2532	2	.00	1
	2534	1	.00	4
		2	.00	6
	2542	1	.83	47
		2	.00	31
	2549	2	.00	1
	2811	1	.00	5
		2	.00	9
	2814	2	.00	2
	2818	2	.00	4
	2825	2	.00	1
	2826	2	.00	1
	2828	2	.00	1
	2831	2	.00	1
	2841	1	.00	9
		2	.43	24
	2851	1	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
1	2851	2	.00	2
	2853	2	.00	1
	2871	2	.00	2
	2881	2	.00	3
	3000	1	.78	44
		2	.00	1
	3043	1	.34	77
		2	.29	39
	3051	1	.44	82
		2	.27	35
	3052	1	3.70	3
		2	.00	4
	3061	1	1.11	9
		2	.00	6
	3072	1	.44	20
		2	.21	43
	3081	1	.00	3
		2	.00	1
	3111	1	.00	4
		2	.00	6
	3121	1	.00	3
		2	.00	1
	3200	1	.00	1
	3211	1	.00	8
		2	.00	2
	3241	1	.00	3
		2	14.28	1
	3300	1	1.11	31
	3311	1	1.20	15
		2	.00	11
	3371	1	.84	46
		2	1.05	27
	3421	1	.70	25
		2	.00	7
	3431	1	.00	5
		2	.00	2
	3451	1	1.53	6
		2	.00	3
	3452	2	.00	1
	3500	1	.67	104
		2	.00	2
	3513	1	.00	2
		2	.00	2
	3516	2	.00	1
	3521	1	.95	34
		2	.00	35
	3522	1	.00	15

MCC	PMOS	SKILL	NON-EAS ATTR.	N
1	3522	2	.00	6
	3524	1	.00	3
		2	.00	1
	3531	1	.59	183
		2	.00	69
	3533	1	.00	12
		2	.00	8
	3534	1	.00	4
		2	.00	3
	3535	1	1.29	30
		2	.00	13
	4000	1	.00	2
	4016	1	.00	1
		2	.00	3
	4034	2	.00	3
	4044	1	.00	2
		2	.00	4
	4063	1	.00	1
		2	.00	2
	4100	2	.00	1
	4111	1	.00	1
		2	.00	4
	4131	1	.00	5
		2	.00	3
	4300	2	.00	1
	4312	2	.00	1
	4313	2	.00	1
	4421	1	.00	1
	4422	2	.92	10
	4631	2	.00	3
	4931	2	.00	1
	5500	2	.00	1
	5526	2	.00	1
	5534	1	.00	2
		2	.00	2
	5537	1	.00	1
		2	.00	1
	5541	1	.00	2
		2	.00	6
	5543	1	.00	1
	5546	1	.00	2
	5547	1	.00	1
		2	.00	1
	5563	1	.00	1
		2	.00	1
	5574	1	.00	2
		2	.00	4

MCC	PMOS	SKILL	NON-EAS ATTR.	N
1	5577	1	.00	5
	5593	1	.00	3
	5700	2	.00	2
	5711	2	.00	5
	5800	1	.00	3
	5811	1	.75	36
		2	.00	32
	5812	2	.00	1
	5831	1	.00	8
		2	.00	7
	5931	1	.00	5
		2	.00	8
	5932	2	.00	1
	5942	2	.00	4
	5945	2	.00	5
	5953	2	.00	1
	5955	2	.00	5
	5956	1	.00	2
		2	.00	1
	5957	2	.00	1
	5958	2	1.85	7
	5963	1	.00	3
		2	.00	7
	5964	2	.00	2
	5982	2	.00	1
	6000	2	.00	1
	6011	1	.00	3
	6012	1	.00	1
	6014	1	.43	20
		2	.00	17
	6018	1	.00	1
		2	.00	3
	6022	1	.00	1
		2	.00	1
	6023	2	.00	1
	6024	1	.48	18
		2	.00	15
	6028	1	.00	3
		2	.00	1
	6041	1	.00	1
	6042	1	.45	20
		2	.00	25
	6051	1	.00	3
	6052	1	2.56	4
	6054	1	.00	10
		2	.00	18
	6055	1	3.65	9

MCC	PMOS	SKILL	NON-EAS ATTR.	N
1	6055	2	.00	10
	6062	1	1.12	8
		2	.00	10
	6064	1	.00	3
		2	.00	12
	6071	1	.00	1
	6072	1	.00	8
		2	.00	5
	6075	1	.00	6
		2	.00	7
	6076	1	.00	5
		2	.00	6
	6077	1	.00	2
		2	.00	8
	6078	1	.00	4
		2	.00	6
	6082	1	.00	15
		2	.00	11
	6111	1	.00	1
		2	.00	1
	6112	1	.00	14
		2	.55	17
	6113	1	.00	20
		2	.00	13
	6114	1	.00	2
		2	.00	5
	6122	1	.00	3
		2	.00	8
	6123	1	.00	4
		2	.00	12
	6125	1	.00	1
		2	.00	5
	6132	1	.00	3
		2	.00	4
	6241	1	.00	1
	6500	1	.00	1
	6521	1	1.18	17
		2	.00	11
	6531	1	.47	19
		2	.00	14
	6541	1	.92	10
		2	.00	9
	6600	1	.00	1
		2	.00	3
	6612	1	.00	12
		2	1.56	7
	6513	1	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
1	6614	1	.00	1
		2	.00	3
	6616	1	.00	9
		2	.00	8
	6617	1	.00	8
		2	.00	3
	6618	1	.00	4
		2	.00	2
	6619	1	.00	3
		2	.00	3
	6620	1	.00	3
		2	.00	3
	6621	1	.00	4
		2	.00	1
	6628	1	.00	5
		2	.00	1
	6631	1	.00	2
		2	.00	1
	6632	1	.00	13
		2	.00	17
	6634	2	.00	2
	6636	1	.00	15
		2	.78	12
	6638	1	.00	13
		2	.00	7
	6639	1	.00	6
		2	.00	5
	6657	1	.00	6
		2	.00	9
	6659	1	.00	3
		2	.00	6
	6683	1	.00	1
		2	.00	5
	6821	1	.00	2
		2	.00	5
	7011	1	1.35	7
		2	.00	14
	7041	1	.00	5
		2	.75	13
	7051	1	.72	26
		2	.00	12
	7141	2	.00	1
	7200	1	.00	2
	7234	1	.84	11
		2	.00	14
	7242	1	.00	2
		2	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
1	7300	2	.00	1
	7311	1	.00	3
	7312	2	.00	6
	7322	1	.00	1
		2	.00	3
	99C0	1	3.15	10
	9979	1	.00	8
2	0	1	6.25	2
		2	5.66	7
	100	1	1.24	24
		2	.00	1
	121	1	1.12	89
		2	.11	84
	131	1	1.13	75
		2	.54	96
	151	1	1.34	224
		2	.16	135
	161	1	1.31	8
		2	.00	12
	182	2	.00	17
	200	2	.00	2
	231	1	.00	1
		2	.00	21
	241	2	.00	2
	251	2	.00	1
	300	1	1.90	779
		2	1.23	10
	311	1	2.00	2241
		2	.28	1160
	331	1	2.10	347
		2	.21	240
	341	1	1.83	415
		2	.20	238
	351	1	1.85	494
		2	.12	245
	352	1	.00	16
		2	.00	3
	361	1	.81	11
		2	.00	8
	369	2	.00	2
	400	1	1.52	64
		2	.00	2
	431	1	1.60	34
		2	1.80	15
	441	1	2.70	19
		2	1.11	14

MCC	PMOS	SKILL	NON-EAS ATTR.	N
2	451	1	3.84	4
		2	.00	11
	800	1	1.72	225
		2	1.61	13
	811	1	1.68	276
		2	.69	96
	842	1	.67	15
		2	.00	10
	844	1	1.32	116
		2	.00	44
	846	1	6.39	19
		2	.00	6
	847	1	.00	14
		2	1.51	7
	848	2	.00	4
	849	1	1.62	31
		2	.00	12
	1100	1	2.94	10
		2	.00	1
	1121	1	.75	39
		2	.00	35
	1141	1	.79	47
		2	.00	37
	1142	1	.44	41
		2	.25	39
	1161	1	1.35	30
		2	.00	18
	1171	1	.88	22
		2	.00	7
	1173	1	2.27	8
		2	.00	1
	1300	1	2.32	102
		2	.00	1
	1316	1	.91	43
		2	1.57	27
	1341	1	1.37	170
		2	.40	58
	1345	1	1.75	157
		2	.36	79
	1371	1	1.05	411
		2	.29	153
	1381	1	1.42	71
		2	.48	28
	1391	1	2.23	107
		2	.00	31
	1400	1	1.42	6
	1411	1	2.70	4

MCC	PMOS	SKILL	NON-EAS ATTR.	N
2	1411	2	.00	3
	1421	1	2.58	12
		2	.00	2
	1431	1	.00	1
		2	.00	6
	1500	1	.00	1
		2	.00	1
	1521	1	.00	1
		2	.00	1
	1522	1	.00	1
		2	100.00	1
	1531	1	.00	1
		2	.00	1
	1532	2	.00	1
	1541	2	.00	1
	1800	1	2.58	101
		2	3.84	3
	1811	1	.79	118
		2	.20	52
	1833	1	2.41	221
		2	.64	92
	2100	1	1.21	46
	2111	1	1.71	36
		2	.53	38
	2131	1	.00	8
		2	.97	11
	2141	1	1.39	14
		2	.00	31
	2142	1	.99	61
		2	.41	52
	2144	1	9.99	1
		2	.00	1
	2161	1	4.76	5
		2	.00	10
	2171	1	.00	2
		2	1.14	10
	2300	2	.00	1
	2311	1	1.16	34
		2	.16	68
	2500	1	1.33	463
		2	.00	7
	2502	1	.00	1
	2511	1	.00	5
	2512	1	1.92	234
		2	.24	135
	2513	1	.00	1
		2	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
2	2531	1	1.35	802
		2	.29	377
	2532	1	1.08	29
		2	.00	19
	2533	2	.00	1
	2534	1	.85	25
		2	.00	15
	[illegible]	2	.00	1
	2542	1	1.22	206
		2	.30	77
	2549	2	.00	1
	2600	1	.00	2
	2621	2	14.28	1
	2651	1	.00	4
		2	.00	1
	2800	1	.47	21
		2	.00	1
	2811	1	.00	6
		2	.20	49
	2813	1	4.54	2
		2	.00	8
	2814	1	.00	1
		2	.00	10
	2818	1	.00	15
		2	.00	18
	2819	2	.00	1
	2822	2	.00	2
	2823	2	.00	1
	2827	2	.00	1
	2828	2	.00	3
	2829	2	.00	3
	2831	1	.00	4
		2	.00	39
	2841	1	.69	13
		2	.26	119
	2851	1	3.22	4
		2	.00	18
	2853	2	.00	2
	2871	1	1.99	5
		2	.00	5
	2872	2	.00	3
	2873	2	.00	1
	2875	1	33.33	1
		2	.00	6
	2881	2	.00	12
	3000	1	2.02	116
		2	.00	6

MCC	PMOS	SKILL	NON-EAS ATTR.	N
2	3041	1	.00	3
		2	.00	1
	3043	1	1.23	173
		2	.35	130
	3051	1	1.54	201
		2	.55	151
	3052	1	3.42	19
		2	.00	7
	3060	2	.00	1
	3061	1	.00	22
		2	1.20	8
	3071	1	.00	1
	3072	1	1.45	55
		2	.19	105
	3100	1	.00	1
	3111	1	1.65	13
		2	.60	16
	3121	1	.00	1
	3141	1	.00	2
	3200	1	5.08	6
	3211	1	2.04	10
		2	.68	15
	3241	1	.00	10
		2	.00	4
	3300	1	2.30	79
		2	.00	4
	3311	1	.84	73
		2	.44	30
	3371	1	1.47	193
		2	.53	116
	3400	1	2.27	4
		2	.00	1
	3421	1	.23	36
		2	.42	24
	3431	1	2.77	7
		2	.00	4
	3451	1	.00	5
		2	.00	8
	3500	1	1.53	434
		2	1.99	5
	3513	1	.00	2
		2	4.54	2
	3516	1	.00	2
	3521	1	1.21	207
		2	.48	127
	3522	1	1.21	148
		2	.00	49

MCC	PMOS	SKILL	NON-EAS ATTR.	N
2	3523	1	.00	2
		2	.00	3
	3524	1	.00	7
		2	.00	9
	3531	1	1.33	656
		2	.32	261
	3533	1	2.26	31
		2	.32	36
	3534	1	2.54	14
		2	.00	10
	3535	1	1.84	81
		2	.39	54
	3537	2	.00	2
	4000	1	.00	9
	4016	1	1.66	6
		2	.00	11
	4034	1	.00	5
		2	.00	8
	4038	2	.00	1
	4044	1	.00	1
		2	.00	7
	4063	2	.00	2
	4100	2	.00	1
	4111	1	.00	2
		2	.00	1
	4131	1	.00	3
		2	.00	8
	4312	1	.00	3
		2	.00	3
	4313	2	.00	1
	4400	1	.00	2
		2	.00	2
	4421	1	4.54	2
		2	.00	8
	4422	1	.00	1
		2	.84	11
	4600	1	.00	1
		2	.00	1
	4631	2	.00	4
	4900	1	14.28	1
	4911	2	.00	1
	4931	2	.00	1
	5500	1	.00	5
		2	.00	1
	5526	1	.00	1
	5534	1	.00	1
		2	.00	4

NEC	PMOS	SKILL	NON-EAS ATTR.	N
2	5536	1	.00	1
		2	.00	1
	5537	1	.00	4
		2	.00	1
	5541	1	.00	5
		2	.00	7
	5543	1	.00	1
	5544	1	.00	1
		2	.00	2
	5546	1	3.84	3
		2	.00	5
	5547	1	.00	2
		2	.00	4
	5563	1	.00	1
		2	.00	2
	5565	1	.00	2
	5574	1	2.17	4
		2	.00	2
	5577	2	.00	1
	5593	1	.00	4
		2	.00	1
	5700	1	5.88	3
		2	.00	18
	5711	2	.00	3
	5800	1	.00	6
	5811	1	1.21	69
		2	.48	64
	5831	1	.00	4
		2	.00	1
	5900	1	.00	6
	5921	1	.00	5
		2	.00	6
	5922	1	13.33	2
		2	.00	8
	5923	1	.00	6
		2	.00	10
	5924	2	.00	1
	5929	1	.00	2
		2	.00	8
	5931	1	.00	6
		2	.00	22
	5932	1	.00	1
		2	.00	3
	5933	2	.00	2
	5934	2	.00	1
	5935	2	.00	7
	5943	1	.00	2

MCC	PMOS	SKILL	NON-EAS ATTR.	N
2	5943	2	.00	6
	5952	2	.00	4
	5953	2	.00	1
	5954	2	.00	2
	5955	1	.00	5
		2	.00	6
	5956	1	.00	6
		2	.00	7
	5958	2	.00	10
	5962	1	.00	4
		2	.00	1
	5964	1	.00	2
		2	.00	3
	5974	2	.00	1
	5982	1	.00	1
		2	.00	1
	6000	1	.97	32
		2	.00	2
	6011	1	1.76	80
		2	.00	2
	6012	1	.00	11
		2	.00	20
	6013	1	.00	10
		2	.00	6
	6014	1	.58	17
		2	.00	33
	6016	1	.00	2
		2	.00	6
	6022	1	.89	11
		2	.00	22
	6024	1	.00	36
		2	.00	33
	6026	1	.00	7
		2	.00	12
	6028	1	.00	4
		2	.00	2
	6036	1	.00	5
		2	.00	4
	6038	2	.00	2
	6041	1	.00	33
	6042	1	.52	77
		2	.32	68
	6051	1	.62	29
	6052	1	.61	33
		2	.00	22
	6053	1	3.70	3
		2	.00	6

MCC	PMOS	SKILL	NON-EAS ATTR.	N
2	6054	1	.53	20
		2	.00	27
	6055	1	.00	15
		2	.00	25
	6061	1	2.38	5
		2	.00	1
	6062	1	.00	20
		2	.00	39
	6064	1	.93	11
		2	.00	22
	6071	1	1.06	24
	6072	1	.00	14
		2	.00	13
	6075	1	1.23	8
		2	.00	15
	6076	1	.00	11
		2	.00	15
	6077	1	.00	11
		2	.00	16
	6078	1	.00	3
		2	.00	6
	6082	1	.97	29
		2	.00	26
	6093	2	.00	2
	6111	1	.74	79
		2	.00	4
	6112	1	1.76	35
		2	.00	27
	6113	1	.60	47
		2	.17	57
	6122	1	.50	18
		2	.00	13
	6123	1	.80	24
		2	.00	16
	6132	1	.00	9
		2	.00	2
	6236	2	.00	1
	6500	1	.86	12
		2	.00	2
	6521	1	.64	18
		2	.00	21
	6531	1	.47	36
		2	.00	45
	6541	1	1.88	37
		2	.00	15
	6600	1	.64	51
		2	.00	10

MCC	PMOS	SKILL	NON-EAS ATTR.	N
2	6611	1	.14	80
		2	.00	4
	6612	1	.50	19
		2	1.01	9
	6613	1	1.33	15
		2	.00	8
	6614	1	.78	11
		2	.00	20
	6616	1	.00	21
		2	.00	14
	6617	1	.00	18
		2	.00	17
	6618	1	.00	7
		2	.00	9
	6619	1	.75	12
		2	.00	5
	6620	1	.00	7
		2	.55	21
	6621	1	1.47	30
		2	.00	2
	6625	1	.00	6
		2	.00	6
	6627	2	.00	1
	6628	1	.00	5
		2	.00	6
	6629	2	.00	12
	6631	1	.92	48
		2	.00	2
	6632	1	.38	24
		2	.41	24
	6633	1	.00	10
		2	.00	9
	6634	1	1.29	7
		2	.00	14
	6635	1	.33	27
		2	.40	28
	6637	1	.00	4
		2	.00	14
	6638	1	.00	22
		2	.00	14
	6639	1	.00	16
		2	.00	15
	6641	2	.00	12
	6642	1	.00	1
		2	.00	3
	6643	1	.00	1
		2	.00	5

MCC	PMOS	SKILL	NON-EAS ATTR.	N
2	6645	2	.00	1
	6647	2	.00	2
	6652	2	.00	4
	6654	2	.00	4
	6655	2	.00	2
	6656	2	.00	12
	6657	2	.00	1
	6658	1	.00	2
		2	.00	12
	6672	1	.00	14
		2	.00	3
	6673	1	.00	5
		2	.00	11
	6675	1	.89	10
		2	.00	10
	6682	1	.00	8
		2	.00	7
	6683	1	.00	4
		2	.00	12
	6751	1	.00	1
	6753	1	.00	1
	6800	1	100.00	1
	6821	1	1.28	8
		2	1.66	9
	6831	1	.00	2
		2	.00	3
	7000	1	.00	2
		2	14.28	1
	7011	1	1.55	19
		2	.00	26
	7041	1	.28	32
		2	.37	27
	7051	1	.89	24
		2	.00	7
	7200	1	.85	11
	7212	1	1.92	23
		2	.46	22
	7222	1	.80	67
		2	.00	37
	7234	1	.00	2
		2	.00	3
	7242	1	1.90	15
		2	.00	15
	7300	1	.00	2
		2	.00	5
	7311	1	.66	14
		2	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
2	7312	2	.00	5
	7321	2	.00	4
	7322	1	.00	1
		2	.00	9
	7371	1	.00	1
		2	.00	2
	7372	2	.00	3
	7381	1	5.40	4
		2	.00	1
	7382	2	.00	10
	9900	1	.88	30
		2	8.33	1
	9970	1	.00	12
	9979	1	1.02	39
3	0	2	.00	1
	100	1	.53	17
		2	.00	1
	121	1	.99	157
		2	.23	87
	131	1	.70	154
		2	.10	99
	141	1	.00	1
	151	1	1.13	232
		2	.10	205
	161	1	1.15	20
		2	.92	14
	182	2	.00	21
	200	1	.00	1
	231	1	.00	9
		2	.00	23
	251	2	.00	1
	300	1	1.50	894
		2	.00	6
	302	2	.00	1
	311	1	1.99	3200
		2	.29	1191
	331	1	1.88	481
		2	.16	250
	341	1	1.27	765
		2	.14	290
	351	1	1.34	904
		2	.23	354
	352	2	.00	2
	369	2	.00	4
	400	1	1.14	86
		2	.00	4

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	431	1	.57	22
		2	.00	28
	441	1	.44	26
		2	.39	28
	451	1	.00	3
		2	1.13	18
	800	1	.83	425
		2	.69	17
	811	1	1.34	412
		2	.25	167
	842	1	3.33	27
		2	.00	17
	844	1	1.15	117
		2	.12	84
	846	1	1.61	20
		2	.00	11
	847	1	.00	9
		2	.00	4
	848	2	.00	11
	849	1	1.80	39
		2	.00	16
	1100	1	1.69	20
		2	.00	6
	1121	1	2.02	60
		2	.00	38
	1141	1	.52	71
		2	.25	43
	1142	1	.42	50
		2	.55	56
	1161	1	.96	21
		2	.00	34
	1171	1	2.09	32
		2	.00	11
	1173	1	5.99	7
		2	3.70	5
	1300	1	1.49	246
		2	.00	7
	1316	1	1.11	28
		2	.61	22
	1341	1	1.27	177
		2	.13	87
	1345	1	.87	221
		2	.00	77
	1371	1	1.88	543
		2	.25	269
	1381	1	1.35	61
		2	1.25	37

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	1391	1	2.17	152
		2	.20	54
	1400	1	.78	11
	1411	1	.00	4
		2	.00	4
	1421	1	.00	10
		2	.39	26
	1431	1	.00	3
		2	.00	10
	1500	1	33.33	1
	1521	1	.00	1
		2	16.66	1
	1522	1	.00	2
		2	.00	3
	1531	2	.00	2
	1800	1	1.49	192
		2	2.12	5
	1811	1	1.41	203
		2	.12	81
	1833	1	1.78	380
		2	.67	137
	2100	1	1.30	80
		2	.00	1
	2111	1	2.59	76
		2	.55	58
	2131	1	5.37	23
		2	.00	5
	2141	1	.91	33
		2	.00	36
	2142	1	1.36	67
		2	.33	64
	2144	1	1.08	19
		2	.00	24
	2151	2	.00	3
	2161	1	2.12	5
		2	.81	13
	2171	1	.00	5
		2	.00	4
	2300	1	3.22	3
		2	.00	1
	2311	1	.85	141
		2	.29	71
	2336	2	.00	2
	2500	1	1.00	547
		2	4.34	5
	2502	2	.00	1
	2511	1	3.77	8

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	2511	2	.00	4
	2512	1	1.40	359
		2	.38	166
	2513	1	7.69	4
		2	.00	2
	2519	2	.00	1
	2531	1	1.25	982
		2	.12	524
	2532	1	1.35	27
		2	.39	30
	2533	2	.00	2
	2534	1	.60	36
		2	.00	13
	2537	2	.00	1
	2542	1	.91	223
		2	.20	112
	2549	2	.00	3
	2600	1	.00	3
	2632	1	.00	1
		2	.00	1
	2651	1	.00	4
		2	.00	5
	2800	1	2.22	5
		2	.00	2
	2811	1	1.33	16
		2	.39	52
	2813	1	.00	5
		2	.00	8
	2814	1	.00	2
		2	.00	15
	2818	1	.93	10
		2	.00	17
	2819	2	.00	5
	2822	2	33.33	1
	2828	2	.00	3
	2829	2	.00	4
	2831	1	.00	4
		2	.34	28
	2841	1	.86	51
		2	.19	154
	2851	1	1.53	6
		2	.00	18
	2853	2	.00	5
	2871	1	.00	1
		2	1.23	8
	2872	2	.00	3
	2875	1	.00	12

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	2875	2	.81	12
	2881	1	.00	2
		2	.00	15
	2882	2	.00	1
	3000	1	1.09	269
		2	.00	8
	3041	1	.00	2
	3042	2	.00	1
	3043	1	1.32	211
		2	.24	183
	3051	1	2.06	376
		2	.51	239
	3052	1	2.17	39
		2	.00	14
	3061	1	1.07	18
		2	.00	8
	3071	1	.00	2
	3072	1	1.17	130
		2	.18	168
	3081	2	.00	1
	3100	1	1.37	15
		2	.00	1
	3111	1	.38	31
		2	.00	20
	3121	1	5.26	2
		2	.00	3
	3200	1	1.83	13
	3211	1	1.34	27
		2	.75	15
	3241	1	.94	10
		2	.00	6
	3300	1	1.79	164
	3311	1	2.19	67
		2	.35	36
	3371	1	2.14	280
		2	.25	129
	3400	1	.48	19
		2	.00	1
	3421	1	.96	41
		2	.00	47
	3431	1	.96	9
		2	.00	6
	3451	1	.00	4
		2	1.36	7
	3452	2	.00	1
	3500	1	1.39	683
		2	.00	10

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	3513	1	5.40	7
		2	4.76	4
	3516	1	.00	5
		2	.00	1
	3521	1	2.08	306
		2	.14	147
	3522	1	1.08	122
		2	.00	56
	3523	1	.00	1
		2	.00	4
	3524	1	.00	6
		2	.00	7
	3531	1	1.52	767
		2	.16	399
	3533	1	1.35	45
		2	.00	39
	3534	1	2.30	15
		2	.00	21
	3535	1	1.91	119
		2	.64	49
	4000	1	.00	9
	4013	1	.00	1
	4016	1	4.16	5
		2	.00	14
	4034	1	.00	5
		2	.00	9
	4044	1	.00	4
		2	.00	20
	4063	1	.00	1
		2	.00	2
	4100	1	.00	1
	4111	1	.00	3
	4131	1	.00	1
		2	.00	4
	4300	1	.00	1
		2	.00	2
	4312	1	.00	1
		2	.00	4
	4313	1	.00	1
	4421	1	.87	13
		2	1.13	9
	4422	1	.79	12
		2	1.48	15
	4423	2	.00	1
	4424	2	.00	1
	4600	1	3.44	3
		2	.00	2

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	4631	1	.00	2
		2	.00	8
	4632	2	.00	1
	4671	1	.00	2
	5500	1	3.06	10
		2	.00	4
	5534	1	.00	3
		2	.00	4
	5537	1	5.88	2
		2	.00	5
	5541	1	.00	4
		2	.00	8
	5543	1	.00	1
		2	.00	1
	5544	2	.00	1
	5546	1	.00	2
		2	.00	3
	5547	1	.00	1
		2	.00	4
	5563	1	2.85	4
		2	.00	2
	5565	2	.00	1
	5574	1	.00	6
	5577	1	.00	5
		2	.00	1
	5593	1	.00	3
		2	.00	1
	5700	1	.00	4
		2	.00	33
	5711	1	.00	1
		2	.00	7
	5800	1	.00	5
		2	.00	1
	5811	1	.79	82
		2	.00	61
	5821	2	.00	1
	5831	1	1.78	6
		2	.00	7
	5900	1	.00	3
		2	.00	3
	5921	1	.00	2
		2	.00	9
	5922	1	.00	2
		2	.00	4
	5923	1	.00	9
		2	.00	9
	5925	2	.00	2

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	5929	1	.00	1
		2	.00	5
	5931	1	1.04	9
		2	.00	31
	5932	1	.00	2
		2	.00	6
	5933	1	.00	1
		2	.00	4
	5935	1	5.55	2
		2	.00	4
	5942	1	.00	1
		2	.00	4
	5943	1	.00	1
		2	.00	11
	5945	2	.00	9
	5955	2	.00	5
	5956	1	.00	2
		2	.00	6
	5958	2	.00	2
	5962	1	.00	4
		2	.00	1
	5963	1	2.49	9
		2	.00	9
	5964	1	.00	2
		2	.00	7
	5977	2	.00	1
	5982	1	.00	1
		2	.00	7
	6000	1	.56	74
		2	.00	2
	6011	1	.75	82
		2	.00	1
	6012	1	.51	18
		2	.00	14
	6013	1	1.06	38
		2	.43	52
	6014	1	.54	35
		2	.26	43
	6015	1	.76	26
		2	.36	30
	6016	1	7.14	4
		2	.00	7
	6018	1	.00	5
		2	.00	4
	6021	1	.00	1
	6022	1	.37	26
		2	.00	32

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	6023	1	.00	5
		2	1.16	8
	6024	1	.00	35
		2	.00	38
	6025	1	.00	23
		2	.00	16
	6026	1	1.73	11
		2	.00	4
	6027	2	.00	1
	6028	1	.00	4
		2	.00	11
	6029	2	.00	1
	6036	1	.00	2
		2	.00	5
	6041	1	.78	67
	6042	1	.80	154
		2	.35	97
	6051	1	.79	48
		2	.00	1
	6052	1	1.26	39
		2	.00	29
	6053	1	.36	23
		2	.55	20
	6054	1	.48	37
		2	.00	30
	6055	1	.55	20
		2	.00	42
	6061	1	.00	12
	6062	1	.73	55
		2	.46	68
	6064	1	.60	35
		2	.00	50
	6068	1	.00	1
	6071	1	.31	36
		2	.00	3
	6072	1	.80	26
		2	.00	33
	6075	1	.00	25
		2	.00	22
	6076	1	1.02	19
		2	.92	38
	6077	1	1.05	21
		2	.22	43
	6078	1	1.88	7
		2	.00	8
	6082	1	.73	50
		2	.00	59

AD-A068 432 GEORGE WASHINGTON UNIV WASHINGTON D C PROGRAM IN LOG--ETC F/G 5/1
AN APPLICATION OF THE SRS/RG IN DETERMINING ENLISTED ATTRITION --ETC(U)
MAR 79 J M D'AMALIO N00014-75-C-0729
UNCLASSIFIED SERIAL-T-397 NL

2 OF 2
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FY78 NON-EAS ATTRITION RATES

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	6111	1	.87	98
	6112	1	.50	76
		2	.00	55
	6113	1	.83	93
		2	.22	48
	6114	1	.81	23
		2	1.27	21
	6121	1	.00	5
	6122	1	.37	26
		2	.79	29
	6123	1	.39	25
		2	1.88	13
	6125	1	.74	13
		2	.00	9
	6131	1	1.92	7
	6132	1	1.14	10
		2	.93	14
	6234	2	.00	1
	6251	1	.00	1
	6500	1	1.16	9
		2	.00	1
	6521	1	1.10	37
		2	.00	45
	6531	1	.41	132
		2	.16	114
	6541	1	.58	87
		2	.00	31
	6600	1	.64	58
		2	.39	29
	6611	1	.67	81
		2	.00	7
	6612	1	.00	32
		2	.26	41
	6613	1	.90	13
		2	.00	12
	6614	1	.85	34
		2	.00	33
	6615	1	3.07	8
		2	.00	15
	6616	1	.00	35
		2	.00	18
	6617	1	.00	29
		2	.00	28
	6618	1	.53	18
		2	.00	18
	6619	1	.00	10
		2	.00	6

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	6620	1	.53	39
		2	.47	21
	6621	1	.57	34
		2	.00	2
	6623	1	.00	1
		2	.00	8
	6624	1	.00	1
		2	.00	8
	6625	1	.00	1
	6626	2	.00	3
	6627	1	.00	6
		2	.00	5
	6628	1	.00	3
		2	.00	13
	6631	1	.00	57
	6632	1	.49	38
		2	.62	46
	6633	1	1.16	16
		2	.00	11
	6634	1	.44	20
		2	.00	6
	6635	1	.56	15
		2	.00	11
	6636	1	.36	25
		2	.00	18
	6637	1	.00	14
		2	.00	35
	6638	1	.59	32
		2	.39	49
	6639	1	.32	27
		2	.52	39
	6641	1	.00	1
		2	.00	10
	6642	1	2.63	4
		2	1.11	25
	6643	1	.00	2
		2	.00	3
	6644	1	.00	14
		2	.00	8
	6645	2	.00	3
	6646	1	.00	15
		2	.00	9
	6647	1	.00	2
		2	.00	9
	6648	1	.00	2
		2	.00	5
	6652	2	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	6654	2	.00	10
	6655	2	.00	4
	6656	1	.00	1
	6657	1	.00	12
		2	.00	33
	6659	1	.00	1
		2	.00	16
	6675	1	.00	5
		2	.00	1
	6682	1	.00	10
		2	.00	15
	6683	1	.00	2
		2	.00	26
	6821	1	.00	28
		2	.00	8
	6831	1	.00	5
	7000	1	.00	2
	7011	1	.30	50
		2	.23	41
	7041	1	.00	40
		2	.16	60
	7051	1	.96	77
		2	.35	30
	7141	1	.00	1
	7200	1	.00	3
	7212	1	.41	21
		2	.00	26
	7222	1	.42	62
		2	.00	46
	7231	1	.00	1
	7234	1	.91	25
		2	.00	25
	7236	2	.00	2
	7242	1	1.32	23
		2	.00	20
	7300	1	.00	16
		2	.00	1
	7311	1	.00	2
	7312	2	.00	3
	7322	2	.00	6
	7371	1	.00	2
		2	.00	2
	7372	1	.00	1
	7381	1	.00	3
	7382	1	.00	1
		2	.00	8
	8621	1	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
3	9900	1	4.22	10
		2	100.00	1
	9973	1	.00	1
	9973	1	.00	4
4	100	1	2.77	6
		2	.00	1
	121	1	.59	117
		2	.00	19
	131	1	.41	104
		2	.00	34
	151	1	.58	295
		2	.16	95
	161	1	.93	46
		2	.00	20
	182	2	.00	8
	231	1	.00	6
		2	.91	12
	241	2	.00	1
	300	1	.40	55
		2	.00	1
	311	1	.91	2432
		2	.05	564
	331	1	.58	305
		2	.30	98
	341	1	.32	400
		2	.09	145
	351	1	.63	471
		2	.00	84
	361	2	.00	4
	369	2	.00	1
	400	1	.00	6
	431	1	.35	28
		2	.00	26
	441	1	.56	19
		2	.44	27
	451	1	.00	3
		2	.00	9
	800	1	.00	7
	811	1	.52	311
		2	.00	121
	842	1	.00	14
		2	.00	7
	844	1	.43	107
		2	.34	45
	846	1	1.03	14
		2	.00	12

MCC	PMOS	SKILL	NON-EAS ATTR.	N
4	847	1	.00	10
		2	.00	2
	848	2	.00	2
	849	1	.00	17
		2	.00	10
	1100	1	.00	6
	1121	1	.62	59
		2	.00	12
	1141	1	.79	77
		2	.00	27
	1142	1	.51	54
		2	.00	26
	1161	1	.25	44
		2	.00	13
	1171	1	.84	23
		2	.00	10
	1173	1	.00	10
		2	.00	2
	1300	1	.50	43
		2	.00	2
	1316	1	.55	48
		2	.00	8
	1341	1	.40	163
		2	.00	37
	1345	1	.43	155
		2	.00	23
	1371	1	.64	410
		2	.23	112
	1381	1	.67	72
		2	.00	37
	1391	1	.43	88
		2	.00	36
	1400	1	.00	7
		2	.00	1
	1411	1	2.12	7
		2	.00	1
	1421	1	.00	9
		2	.00	1
	1431	1	.00	5
		2	.00	2
	1500	1	.00	2
	1521	1	.00	2
		2	.00	2
	1531	1	.00	1
	1532	2	.00	1
	1800	1	1.17	10
	1811	1	.95	70

FY78 NON-EAS ATTRITION RATES

MCC	PMOS	SKILL	NON-EAS ATTR.	N
4	1811	2	.29	43
	1833	1	.68	236
		2	.18	95
	2100	1	.00	43
		2	.00	2
	2111	1	.28	46
		2	.00	34
	2131	1	1.26	13
		2	.00	10
	2141	1	.90	18
		2	.00	19
	2142	1	.00	32
		2	.00	44
	2144	1	1.35	9
		2	.00	7
	2151	2	.00	2
	2161	1	.00	3
		2	.76	15
	2171	1	.00	4
		2	.00	7
	2300	1	.00	1
	2311	1	.20	190
		2	.00	67
	2500	1	.80	77
		2	.00	6
	2502	1	.00	1
	2511	1	.00	5
	2512	1	.52	355
		2	.25	131
	2531	1	.69	998
		2	.12	247
	2532	1	.53	40
		2	.00	24
	2534	1	.00	45
		2	.00	11
	2537	2	.00	2
	2542	1	.62	268
		2	.00	74
	2549	2	.00	2
	2651	1	.00	7
		2	.00	7
	2800	1	.00	3
	2811	1	.34	32
		2	.00	40
	2813	1	.00	7
		2	.00	12
	2814	1	.00	4

MCC	PMOS	SKILL	NON-EAS ATTR.	N
4	2814	2	.00	11
	2818	1	1.07	11
		2	.00	25
	2819	2	.00	2
	2822	2	.00	2
	2826	1	.00	3
		2	.00	5
	2828	2	.00	4
	2831	1	1.26	14
		2	.00	29
	2841	1	1.28	33
		2	.00	96
	2851	1	.00	6
		2	.00	20
	2853	2	.00	4
	2871	1	.00	1
		2	.00	5
	2872	2	.00	4
	2875	1	.00	2
		2	.00	3
	2881	1	.00	1
		2	.00	11
	3000	1	.89	36
	3041	1	.00	1
	3042	1	.00	1
	3043	1	.55	293
		2	.00	115
	3051	1	.61	441
		2	.09	145
	3052	1	.20	50
		2	.00	18
	3061	1	.00	28
		2	.00	10
	3072	1	.32	104
		2	.11	129
	3073	2	.00	1
	3081	1	.00	4
		2	.00	6
	3100	1	.00	10
	3111	1	.56	80
		2	.00	37
	3121	1	.87	11
		2	.70	15
	3141	1	1.78	5
		2	.00	4
	3200	1	.00	1
	3211	1	.70	19

MCC	PMOS	SKILL	NON-EAS ATTR.	N
4	3211	2	.00	5
	3241	1	.00	9
		2	.00	6
	3300	1	.00	7
	3311	1	.86	69
		2	.00	22
	3371	1	.40	278
		2	.15	90
	3421	1	.40	91
		2	.00	22
	3431	1	.00	20
		2	.00	4
	3451	1	.00	14
		2	.00	9
	3500	1	1.02	82
	3513	1	.00	13
		2	.00	5
	3516	1	3.44	5
		2	.00	2
	3521	1	.31	311
		2	.00	77
	3522	1	.12	111
		2	.00	42
	3523	1	.00	1
	3524	1	.00	7
		2	.00	5
	3531	1	.57	888
		2	.10	275
	3533	1	.79	50
		2	.00	43
	3534	1	.00	9
		2	.00	18
	3535	1	.91	109
		2	.00	21
	4000	1	.57	16
		2	.00	1
	4016	1	.00	16
		2	.00	14
	4034	1	.00	11
		2	.00	20
	4038	2	.00	2
	4044	1	4.54	3
		2	.00	11
	4063	1	.00	3
		2	.00	13
	4100	1	.00	1
	4111	1	.00	2

FY78 NON-EAS ATTRITION RATES

MCC	PMOS	SKILL	NON-EAS ATTR.	N
4	4131	1	.00	9
		2	.00	6
	4132	2	.00	1
	4312	1	.00	1
		2	.00	6
	4400	2	7.69	2
	4421	1	.00	7
		2	.00	3
	4422	1	.00	10
		2	.00	6
	4423	2	.00	1
	4631	1	4.16	5
		2	.00	12
	4671	2	.00	1
	4911	2	.00	1
	4931	1	.00	1
		2	.00	2
	5534	1	.00	3
		2	.00	2
	5536	2	.00	1
	5537	1	.00	3
		2	.00	4
	5541	1	.00	8
		2	.00	6
	5543	1	.00	2
		2	.00	1
	5544	1	.00	1
		2	.00	1
	5546	1	.00	3
		2	.00	4
	5547	1	.00	3
		2	.00	2
	5563	1	.00	2
		2	.00	1
	5700	2	.00	2
	5711	2	.00	4
	5800	1	9.99	2
		2	.00	1
	5811	1	.37	135
		2	.00	93
	5812	1	.00	6
		2	.00	3
	5831	1	.37	35
		2	.00	47
	5900	1	.00	2
	5931	1	.00	6
		2	.00	16

MCC	PMOS	SKILL	NON-EAS ATTR.	N
4	5932	1	.00	1
		2	.00	6
	5933	2	.00	1
	5935	1	.00	2
		2	.00	3
	5943	2	.00	12
	5945	1	.00	1
		2	.00	4
	5953	2	.00	2
	5954	2	.00	4
	5955	1	.00	8
		2	.00	18
	5956	1	.00	6
		2	.00	12
	5957	2	.00	8
	5958	2	.00	17
	5963	1	.00	3
		2	.00	5
	5964	1	.00	1
		2	.00	4
	5982	2	.00	3
	6000	2	.00	1
	6011	1	.00	1
		2	.00	1
	6012	1	.00	3
		2	.00	5
	6013	1	.00	2
		2	.00	4
	6014	1	.00	4
		2	.00	4
	6015	2	.00	1
	6016	1	.00	1
		2	.00	7
	6018	2	.00	2
	6022	1	.00	2
		2	.00	8
	6023	2	.00	1
	6024	1	.00	4
		2	.00	5
	6025	2	.00	1
	6026	1	.00	4
		2	.00	15
	6028	1	.00	9
		2	.00	13
	6036	2	.00	7
	6041	1	.00	1
	6042	1	.45	34

MCC	PMOS	SKILL	NON-EAS ATTR.	N
4	6042	2	.00	31
	6051	1	.00	1
	6052	1	.00	18
		2	.00	15
	6053	1	.00	1
		2	.00	4
	6054	1	4.16	3
		2	.00	5
	6055	1	.00	16
		2	.00	19
	6061	1	.00	2
	6062	1	1.09	11
		2	.00	14
	6064	1	1.33	12
		2	1.81	10
	6071	1	.00	3
	6072	1	.93	12
		2	.00	14
	6075	1	1.44	8
		2	.00	11
	6076	1	.00	7
		2	.00	7
	6077	1	.00	10
		2	.00	15
	6078	1	.00	1
		2	.00	9
	6082	1	.00	30
		2	.00	15
	6083	2	.00	2
	6111	1	.00	1
	6112	1	2.49	16
		2	.90	23
	6113	1	.00	16
		2	.00	24
	6114	1	.00	7
		2	.00	10
	6122	1	.00	10
		2	.00	13
	6123	1	.00	8
		2	.00	11
	6125	1	.00	5
		2	.00	3
	6132	1	.00	2
		2	.00	10
	6500	1	.00	1
	6521	1	.47	28
		2	.00	24

MCC	PMOS	SKILL	NON-EAS ATTR.	N
4	6531	1	.00	16
		2	.00	25
	6541	1	.00	9
		2	.00	17
	6600	2	.00	1
	6611	1	.00	1
		2	.00	3
	6612	1	.00	10
		2	.00	18
	6613	1	.00	4
		2	.00	15
	6614	1	.00	2
		2	.00	3
	6616	2	.00	3
	6617	1	.00	7
		2	.00	9
	6618	1	.00	3
		2	.00	5
	6619	1	.00	2
		2	.00	7
	6620	1	.00	8
		2	.00	6
	6621	1	.00	2
	6623	2	.00	1
	6628	1	.00	1
		2	.00	1
	6631	2	.00	1
	6632	1	2.15	10
		2	.00	10
	6633	1	.00	10
		2	.00	13
	6634	1	.00	3
		2	.00	2
	6636	1	.00	4
		2	.00	1
	6637	2	.00	4
	6638	1	.00	5
		2	1.03	15
	6639	1	.00	4
		2	.00	6
	6642	1	.00	1
		2	.00	3
	6648	2	.00	1
	6653	2	.00	1
	6654	2	.00	2
	6655	2	.00	1
	6657	1	.00	4

MCC	PMOS	SKILL	NON-EAS ATTR.	N
4	6657	2	.00	6
	6659	2	.00	3
	6675	2	.00	1
	6682	1	.00	2
		2	.00	5
	6683	1	.00	2
		2	.00	16
	6722	2	.00	1
	6821	1	.00	15
		2	.00	5
	6831	1	.00	8
		2	.00	4
	7011	1	.00	52
		2	.00	17
	7041	1	.32	37
		2	.45	34
	7051	1	.72	62
		2	.00	24
	7212	1	.00	21
		2	.67	15
	7234	1	.00	18
		2	.00	17
	7242	1	.78	15
		2	.00	16
	7300	2	.00	3
	7311	1	.00	1
	7312	1	.00	1
		2	.00	11
	7322	1	.00	1
		2	.00	19
	7371	2	.00	3
	7372	2	.00	7
	7381	1	.00	1
	7382	1	.00	1
		2	.00	14
	9900	1	8.33	2
	9979	1	.00	2
5	100	1	2.43	4
	121	1	1.17	23
		2	.00	8
	131	1	1.11	17
		2	.00	14
	151	1	.78	74
		2	.00	36
	161	2	.00	2
	182	2	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
S	300	1	2.00	46
		2	.00	1
	311	1	1.14	1485
		2	.32	286
	331	1	.71	265
		2	.25	47
	341	1	1.24	248
		2	.56	42
	351	1	1.15	418
		2	.17	65
	369	2	.00	1
	431	2	.00	1
	441	1	6.45	3
		2	.00	1
	800	1	7.69	3
	811	1	6.66	11
		2	.00	5
	842	1	8.33	1
		2	.00	1
	844	1	.00	3
		2	.00	1
	846	2	.00	1
	847	1	.00	1
	849	2	.00	1
	1121	1	.00	2
		2	.00	6
	1141	1	.00	2
		2	.00	5
	1142	2	.00	1
	1161	1	.00	3
		2	.00	2
	1171	1	50.00	1
	1300	1	.00	3
	1316	1	.00	1
		2	.00	1
	1341	1	5.26	3
		2	.00	2
	1345	1	3.84	3
		2	.00	2
	1371	1	2.75	14
		2	1.29	20
	1391	1	9.09	5
		2	1.75	6
	1400	1	.00	1
	1521	1	.00	2
		2	.00	1
	1600	1	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
5	1811	1	2.32	5
	1833	1	100.00	1
		2	.00	2
	2100	1	.00	4
	2111	1	2.85	8
		2	.00	19
	2141	2	.00	1
	2142	2	.00	1
	2144	2	.00	1
	2161	2	.00	1
	2311	1	4.99	2
		2	2.04	6
	2500	1	4.08	5
		2	.00	1
	2511	1	.00	1
	2512	1	1.31	8
		2	.00	9
	2531	1	3.12	16
		2	.65	18
	2532	2	.00	2
	2542	1	6.25	2
	2800	1	.00	1
	2811	1	.00	1
	2818	1	.00	10
	2841	2	16.66	2
	3000	1	.00	3
		2	.00	1
	3043	1	4.68	14
		2	.48	22
	3051	1	1.36	25
		2	.61	19
	3052	2	.00	1
	3061	1	.00	3
	3072	1	2.49	6
		2	.00	7
	3081	1	9.09	2
		2	.00	2
	3100	2	.00	1
	3111	1	4.34	4
	3300	1	.00	5
	3311	1	9.99	2
		2	.00	2
	3371	1	2.36	46
		2	.00	29
	3421	1	50.00	1
	3451	1	3.22	4
		2	.00	2

MCC	PMOS	SKILL	NON-EAS ATTR.	N
5	3500	1	6.66	4
	3513	2	.00	2
	3521	1	3.70	3
	3531	1	2.71	39
		2	.30	34
	3533	1	9.52	3
		2	.00	2
	3535	1	6.66	8
		2	.00	8
	4016	1	.00	1
		2	.00	4
	4034	1	.00	1
		2	.00	4
	4044	2	.00	2
	4063	2	.00	2
	4100	1	.00	1
	4111	1	.00	2
		2	.00	1
	4131	2	.00	3
	4300	1	.00	1
	4312	1	.00	1
		2	.00	1
	4421	1	1.35	8
		2	.00	6
	4631	1	.00	1
		2	.00	1
	4911	2	.00	1
	4921	2	.00	1
	4931	1	.00	1
		2	.00	1
	5574	1	.00	12
		2	.00	4
	5577	1	.00	8
		2	.00	6
	5593	1	.00	4
		2	.00	6
	5700	2	.00	1
	5800	1	.00	1
	5811	1	4.76	3
		2	1.40	8
	5831	1	.92	50
		2	.00	40
	5900	2	.00	2
	5943	2	.00	1
	6000	1	.00	1
	6012	1	.00	1
	6013	1	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
5	6014	1	5.26	2
		2	.00	1
	6015	2	.00	3
	6016	2	.00	1
	6025	2	.00	1
	6042	1	.00	1
		2	.00	4
	6052	1	.00	1
	6055	1	.00	1
		2	100.00	1
	6062	2	.00	1
	6064	1	33.33	2
		2	.00	3
	6072	1	9.99	1
	6075	1	.00	1
		2	.00	2
	6077	1	.00	1
	6078	1	16.66	1
	6082	1	25.00	1
		2	.00	2
	6113	2	.00	1
	6114	2	100.00	1
	6124	1	.00	1
	6521	1	.00	4
		2	.00	3
	6531	2	6.66	2
	6600	1	2.70	12
	6632	1	14.28	1
	6634	2	50.00	1
	6639	1	9.09	1
	6647	2	.00	1
	6682	1	.00	1
	7000	1	.00	1
	7011	1	7.69	2
	7041	1	.00	2
		2	.00	3
	7051	1	.00	1
		2	.00	1
	7212	1	.00	1
	7222	1	.00	1
	7234	2	.00	2
	7242	2	.00	3
	9900	1	36.36	5
	9970	1	.00	1
	9979	1	26.66	5
6	121	1	.91	11

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MCC	PMOS	SKILL	NON-EAS ATTR.	N
6	121	2	.00	1
	131	1	.00	10
		2	.00	3
	151	1	.86	35
		2	.00	8
	161	2	.00	1
	231	2	.00	1
	300	1	1.30	33
		2	.00	2
	311	1	.74	870
		2	.00	88
	331	1	.40	154
		2	.00	15
	341	1	.66	155
		2	.00	15
	351	1	1.02	302
		2	.00	21
	441	1	.00	1
		2	.00	1
	451	1	.00	1
	811	1	.00	1
		2	.00	2
	844	1	.00	1
	1121	1	.00	1
		2	.00	1
	1141	2	.00	1
	1161	2	.00	1
	1300	1	.00	1
	1341	1	.00	1
	1345	1	.00	1
	1371	1	.00	1
		2	.00	2
	1391	1	.00	1
		2	.00	1
	1811	1	.00	1
	1833	1	.00	1
		2	.00	1
	2100	1	.00	3
	2111	1	.00	1
		2	.00	6
	2171	1	.00	1
	2512	2	.00	2
	2531	1	.00	1
		2	2.56	8
	2549	2	.00	1
	3043	2	.00	5
	3051	1	2.40	8

MCC	PMOS	SKILL	NON-EAS ATTR.	N
6	3051	2	.00	5
	3072	2	.00	1
	3300	1	.00	2
	3371	1	2.70	13
		2	.00	16
	3421	2	.00	1
	3500	1	25.00	1
	3522	1	.00	1
	3531	1	1.69	6
		2	.00	9
	3533	1	.00	2
	3535	1	7.69	2
		2	.00	2
	4000	1	.00	1
	4100	1	.00	1
	4111	2	.00	1
	4131	1	.00	1
		2	.00	1
	4312	1	.00	2
	4313	2	.00	3
	4421	1	.00	3
		2	.00	3
	4422	1	.00	1
	4931	2	.00	1
	5800	2	.00	1
	5811	2	.00	4
	5831	1	.00	7
		2	.00	14
	5958	2	19.99	1
	6014	2	.00	1
	6015	2	.00	1
	6022	1	.00	1
	6042	2	16.66	2
	6062	1	.00	1
	6064	1	.00	1
	6077	1	.00	1
	6082	2	.00	1
	6122	2	.00	1
	6521	2	.00	1
	6531	2	.00	1
	6541	1	25.00	1
	7011	2	.00	1
	7051	2	.00	2
7	121	1	.00	3
	131	1	5.55	2
		2	.00	1

MCC	PMCS	SKILL	NON-EAS ATTR.	N
7	151	1	.00	6
	161	1	.00	1
	300	1	.00	2
	311	1	.43	173
		2	.00	20
	331	1	.00	41
		2	.00	3
	341	1	.36	37
		2	.00	3
	351	1	1.60	52
		2	.00	7
	441	1	.00	1
		2	.00	1
	811	1	.00	2
		2	.00	2
	844	2	.00	1
	1316	1	.00	1
		2	12.50	1
	1341	2	.00	1
	1345	2	.00	1
	1371	2	.00	1
	1811	1	1.40	13
		2	.00	5
	2100	1	2.56	4
	2111	1	.00	1
		2	.00	2
	2131	2	.00	1
	2141	2	.00	1
	2171	2	.00	1
	2311	1	.00	2
		2	.00	1
	2511	1	.00	1
		2	.00	1
	2512	1	.00	1
		2	.00	3
	2513	1	.00	1
	2531	1	.00	5
		2	.00	4
	2811	2	.00	2
	2841	2	.00	1
	3043	1	.00	2
		2	.00	4
	3051	1	.00	1
		2	.00	1
	3061	1	.00	1
	3300	1	.00	1
	3311	1	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
7	3371	1	.00	6
		2	.00	5
	3500	1	.00	1
	3521	1	.00	3
		2	.00	2
	3522	1	.00	2
	3531	1	1.96	17
		2	.00	4
	4100	1	.00	1
	4111	1	.00	1
		2	.00	1
	4131	1	.00	1
	4421	1	.00	2
		2	.00	1
	4931	1	.00	1
	5800	1	.00	1
	5831	1	.00	2
		2	.00	1
	6016	1	.00	1
8	131	1	.00	1
		2	.00	1
	182	2	.00	1
	300	1	.00	6
	311	1	.53	314
		2	.00	71
	331	1	.43	67
		2	.00	14
	341	1	.26	35
		2	.00	4
	351	1	.21	42
		2	.00	5
	2531	1	.00	1
		2	.00	2
	2532	2	11.11	1
	2542	2	.00	2
	2818	2	.00	2
9	100	1	.00	1
	121	1	1.28	14
		2	.00	3
	131	1	.79	11
		2	2.17	7
	151	1	.65	28
		2	.00	16
	211	2	.00	1
	231	2	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
9	300	1	8.69	3
	311	1	.77	11
	341	1	.00	1
	351	1	.00	1
	400	1	.00	10
	431	1	.00	1
	441	1	.00	3
		2	.00	1
	800	1	1.11	119
		2	.00	3
	811	1	1.65	109
		2	.21	51
	842	1	1.07	10
		2	.00	2
	844	1	1.29	56
		2	.00	21
	846	1	19.99	3
		2	.00	3
	847	1	.00	5
		2	.00	1
	848	2	.00	3
	1121	1	4.99	2
		2	.00	1
	1141	1	9.99	1
		2	.00	4
	1142	1	.00	3
		2	.00	4
	1300	1	.00	4
	1316	1	2.22	5
		2	.00	5
	1341	1	4.65	5
		2	.00	6
	1345	1	.00	5
		2	.00	7
	1371	1	3.38	24
		2	.00	23
	1400	1	.00	1
	1411	2	.00	1
	1421	2	.00	2
	1431	2	.00	1
	1800	1	3.2.	6
		2	.00	1
	1811	1	1.98	106
		2	.0	37
	2100	1	3.48	18
		2	.00	1
	2111	1	3.27	6

MCC	PMOS	SKILL	NON-EAS ATTR.	N
9	2111	2	1.35	9
	2131	1	19.99	1
		2	.00	2
	2141	1	.43	20
		2	.85	23
	2144	1	.00	7
		2	.00	11
	2151	2	.00	2
	2161	1	.00	1
	2171	1	.00	4
	2311	1	2.27	5
		2	1.03	10
	2500	1	1.88	7
		2	.00	1
	2511	1	.00	1
		2	.00	1
	2512	1	1.90	22
		2	.00	35
	2531	1	1.30	95
		2	.17	64
	2532	1	.00	1
	2533	2	.00	1
	2534	1	.00	6
		2	.00	2
	2537	2	.00	1
	2542	1	.00	9
		2	.00	10
	2800	1	1.98	10
	2811	1	.00	1
		2	2.49	5
	2818	1	.00	1
		2	.00	1
	2841	1	1.53	6
		2	.00	9
	2871	2	.00	1
	2872	2	.00	1
	2881	2	.00	1
	3000	1	3.44	3
		2	.00	1
	3043	1	1.74	17
		2	.00	23
	3051	1	1.91	17
		2	.00	11
	3052	1	.00	3
	3211	1	.00	1
		2	.00	1
	3300	1	.58	30

MCC	PMOS	SKILL	NON-EAS ATTR.	N
9	3311	1	.93	12
		2	.00	1
	3371	1	1.10	25
		2	.00	11
	3421	1	.00	1
		2	.00	1
	3431	2	.00	1
	3500	1	.79	101
		2	.00	1
	3513	1	.00	1
	3521	1	1.47	38
		2	.99	13
	3522	1	.00	2
		2	.00	2
	3523	2	.00	1
	3531	1	1.30	69
		2	.00	25
	3533	1	.00	2
		2	.00	1
	3534	1	8.33	2
	3535	1	6.25	2
		2	.00	5
	4312	2	.00	1
	4421	1	.00	1
		2	.00	1
	4422	1	.00	1
	5534	1	19.99	1
		2	.00	1
	5536	2	.00	2
	5537	1	.00	2
		2	.00	2
	5541	1	.00	4
		2	.00	4
	5543	1	.00	1
	5544	1	.00	1
		2	.00	1
	5546	1	.00	1
		2	.00	1
	5547	1	.00	2
	5563	1	.00	1
		2	.00	2
	5831	2	.00	1
	5932	1	.00	1
		2	.00	2
	5956	1	.00	1
	7011	2	.00	1
	7041	2	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
9	9900	1	.80	11
	9979	1	.00	13
10	121	1	.00	3
		2	.99	21
	131	1	.00	4
		2	.00	19
	151	1	.60	16
		2	.24	80
	161	2	.00	3
	182	2	.00	6
	231	2	.00	10
	311	1	.85	11
		2	.00	103
	331	2	.00	29
	341	1	.00	7
		2	.29	36
	351	1	2.22	4
		2	.00	39
	352	2	.00	1
	431	2	.00	3
	441	2	.00	8
	811	1	.00	1
		2	.00	10
	842	1	.00	1
		2	.00	1
	844	2	.00	8
	846	2	.00	2
	849	1	.00	1
		2	.00	1
	1121	2	.00	3
	1141	2	.00	3
	1161	2	.00	6
	1316	1	.00	1
		2	.00	1
	1341	2	.00	4
	1345	2	.00	1
	1371	2	.00	11
	1381	2	.00	2
	1391	2	.00	3
	1522	1	9.99	1
	1811	2	.00	5
	1833	2	.00	9
	2111	1	.00	1
		2	.00	7
	2131	2	.00	1
	2141	2	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
10	2142	2	.00	1
	2144	2	.00	1
	2171	2	.00	1
	2311	1	.00	6
		2	.00	13
	2512	1	.00	4
		2	.51	20
	2531	1	.00	6
		2	.13	68
	2532	2	.00	1
	2537	2	.00	1
	2542	2	.00	7
	2811	2	.00	3
	2814	2	.00	1
	2818	2	.00	1
	2841	2	.00	1
	3000	2	.00	1
	3043	1	.00	2
		2	.00	7
	3051	1	.00	3
		2	.00	35
	3072	2	.00	30
	3081	2	.00	1
	3111	2	.00	1
	3121	2	.00	1
	3241	2	.00	1
	3311	2	.00	2
	3371	2	.00	6
	3421	2	.00	5
	3451	2	.00	1
	3513	2	.00	1
	3521	2	.00	4
	3523	2	.00	1
	3531	1	.00	2
		2	.00	40
	3534	2	33.33	1
	3535	2	.00	4
	4013	2	.00	1
	4016	2	.00	2
	4034	2	.00	3
	4063	2	.00	1
	4312	2	.00	1
	4421	2	.00	2
	4631	2	.00	1
	4911	2	.00	2
	4931	2	.00	3
	5537	2	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
10	5593	2	.00	1
	5811	1	.00	2
		2	.00	25
	5831	1	.00	1
		2	.00	58
	5921	2	.00	1
	5943	2	.00	1
	5962	2	.00	1
	6012	2	.00	1
	6013	2	.00	2
	6014	2	.00	2
	6015	2	.00	1
	6022	2	.00	3
	6023	2	.00	1
	6028	2	.00	1
	6042	2	.00	4
	6052	2	.00	1
	6055	2	.00	1
	6062	2	.00	2
	6064	2	.00	2
	6075	2	.00	1
	6077	2	.00	1
	6082	2	.00	6
	6112	2	.00	1
	6113	2	.00	1
	6123	2	.00	1
	6521	2	.00	5
	6531	2	.00	3
	6541	2	.00	3
	6617	2	.00	1
	7041	2	.00	6
	7212	2	.00	1
	7222	2	.00	6
	7234	2	.00	7
	7242	2	.00	1
	7312	2	.00	1
11	0	1	3.33	6
		2	.00	3
	100	1	2.08	240
		2	.00	5
	121	1	1.33	106
		2	.16	65
	131	1	.86	64
		2	.00	70
	151	1	.90	532
		2	.25	350

MCC	PMOS	SKILL	NON-EAS ATTR.	N
11	161	1	1.56	14
		2	.64	19
	182	2	.00	8
	231	1	.00	2
		2	.00	1
	241	2	.00	1
	251	2	.00	1
	300	1	2.84	1421
		2	.00	1
	311	1	3.34	361
		2	.79	187
	331	1	3.01	53
		2	.00	39
	341	1	1.31	59
		2	.37	59
	351	1	2.15	98
		2	.29	39
	352	2	.00	1
	369	2	.00	1
	400	1	.00	12
	431	1	.00	1
		2	.00	2
	441	1	5.88	6
		2	.94	11
	451	2	.00	2
	491	2	.00	1
	800	1	1.83	25
	811	1	3.95	50
		2	4.49	16
	844	1	1.40	9
		2	1.26	9
	846	2	.00	1
	847	2	.00	1
	848	2	.00	3
	849	1	.00	2
		2	.00	4
	1100	1	.54	189
		2	.00	1
	1121	1	1.61	23
		2	.00	14
	1141	1	.48	21
		2	.95	13
	1142	1	2.70	6
		2	1.16	12
	1161	1	.00	7
		2	.00	9
	1171	1	7.31	6

MCC	PMOS	SKILL	NON-EAS ATTR.	N
11	1171	2	.00	2
	1300	1	2.00	353
	1316	1	1.72	5
		2	2.63	7
	1341	1	.90	16
		2	.90	13
	1345	1	.00	13
		2	1.78	9
	1371	1	1.43	147
		2	.32	38
	1372	2	.00	1
	1381	1	5.88	4
	1391	1	.00	16
		2	.00	9
	1400	1	1.14	50
	1411	1	3.44	8
		2	.00	9
	1421	1	.00	1
		2	.00	2
	1431	1	.00	2
		2	.00	2
	1500	1	2.12	16
	1521	1	1.05	18
		2	.00	3
	1522	1	25.00	1
		2	.00	4
	1531	1	3.57	3
		2	.00	1
	1800	1	5.06	10
	1811	1	5.20	15
		2	4.91	9
	1833	1	2.25	30
		2	.00	30
	2100	1	.63	78
		2	.00	1
	2111	1	.56	33
		2	.86	36
	2112	2	.00	1
	2131	1	.00	1
		2	.00	1
	2141	1	.00	3
		2	.00	1
	2142	1	2.32	7
		2	1.11	11
	2144	1	8.33	1
		2	.00	1
	2161	1	5.55	2

MCC	PMOS	SKILL	NON-EAS ATTR.	N
11	2161	2	.00	1
	2171	1	.00	6
		2	.00	2
	2300	1	.00	2
	2311	1	.62	33
		2	.45	22
	2336	2	.00	1
	2500	1	4.41	11
	2511	1	.00	2
		2	.00	1
	2512	1	1.85	35
		2	.00	36
	2531	1	3.19	81
		2	.78	55
	2532	1	.00	3
		2	.00	1
	2534	1	.00	2
		2	.00	2
	2537	2	.00	1
	2542	1	1.14	111
		2	.18	61
	2621	2	.00	1
	2622	1	.00	1
	2631	1	.00	1
	2651	2	.00	5
	2800	1	.54	55
		2	.00	3
	2811	1	2.70	8
		2	.00	15
	2813	2	3.33	5
	2814	2	.48	23
	2815	1	.00	1
	2818	1	.00	3
		2	.94	11
	2819	1	.00	1
		2	.00	5
	2823	2	.00	1
	2825	1	.00	1
		2	.00	8
	2826	1	.00	1
		2	.00	4
	2828	2	.00	1
	2829	1	.00	1
	2831	1	3.44	3
		2	.00	14
	2841	1	.81	11
		2	.97	34

MCC	PMOS	SKILL	NON-EAS ATTR.	N
11	2851	1	.00	2
		2	.00	4
	2853	1	.00	1
		2	.00	7
	2861	2	.00	1
	2871	1	1.36	7
		2	.00	10
	2872	2	.00	5
	2875	2	.00	1
	2881	1	.00	2
		2	.00	8
	3000	1	1.32	464
		2	.00	6
	3041	1	.00	2
		2	.00	2
	3042	2	.00	1
	3043	1	2.27	92
		2	.12	85
	3051	1	2.09	192
		2	.54	100
	3052	2	.00	3
	3061	1	.95	30
		2	.00	8
	3072	1	1.51	20
		2	.66	18
	3081	1	5.55	6
		2	1.29	8
	3100	1	1.27	43
	3111	1	.00	17
		2	.00	8
	3121	1	2.19	12
		2	.56	17
	3141	1	1.85	7
		2	.00	12
	3200	1	1.14	29
	3211	1	7.99	3
		2	.00	3
	3241	2	.00	1
	3300	1	.86	244
		2	.00	2
	3311	1	2.15	28
		2	2.23	17
	3371	1	2.09	195
		2	.37	115
	3372	1	.00	1
	3400	1	1.05	89
		2	.00	8

MCC	PMOS	SKILL	NON-EAS ATTR.	N
11	3421	1	1.12	109
		2	.49	79
	3431	1	1.55	21
		2	.00	11
	3432	2	.00	2
	3451	1	.63	14
		2	.00	11
	3452	2	.00	2
	3500	1	1.29	530
		2	3.57	8
	3513	1	3.12	4
		2	.00	3
	3516	1	.00	1
		2	.00	1
	3521	1	1.69	21
		2	.86	16
	3522	1	1.35	12
		2	2.49	5
	3523	2	.00	1
	3524	1	.00	3
	3531	1	2.18	347
		2	.28	196
	3533	1	1.99	27
		2	.00	29
	3534	1	2.63	5
		2	.63	17
	3535	1	1.74	117
		2	.48	22
	4000	1	1.72	67
		2	.00	3
	4013	1	11.11	1
		2	.00	1
	4014	1	.00	1
		2	.00	1
	4016	1	2.34	14
		2	.00	15
	4034	1	.78	27
		2	.00	65
	4038	2	.00	4
	4063	1	.00	17
		2	.00	23
	4069	2	.00	1
	4100	1	1.68	36
		2	.00	1
	4111	1	.00	3
		2	.00	8
	4131	1	1.76	11

MCC	PMOS	SKILL	NON-EAS ATTR.	N
11	4131	2	.00	9
	4300	1	4.54	3
		2	.00	1
	4312	1	.00	4
		2	.81	15
	4313	2	.00	1
	4400	1	.00	57
		2	.00	1
	4421	1	2.16	23
		2	.00	15
	4422	1	.00	8
		2	1.01	13
	4423	2	.00	1
	4600	1	4.54	3
		2	.00	2
	4631	1	1.17	26
		2	.63	19
	4653	2	.00	1
	4671	1	.00	2
		2	3.99	3
	4900	1	1.74	58
		2	.00	2
	4911	1	1.20	9
		2	.00	5
	4921	1	.96	10
		2	.00	3
	4931	1	1.03	22
		2	.00	18
	5500	1	.00	46
	5526	1	.00	1
	5528	2	.00	1
	5534	1	.00	3
		2	.00	2
	5536	2	.00	1
	5537	1	.00	1
		2	.00	1
	5541	1	.00	2
		2	.00	6
	5544	1	.00	1
		2	100.00	1
	5546	1	.00	1
		2	.00	5
	5547	1	.00	1
		2	.00	3
	5563	1	.00	2
		2	.00	4
	5565	1	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
11	5565	2	.00	3
	5574	1	.00	6
	5577	1	.00	1
		2	.00	1
	5593	1	.00	1
	5700	1	.00	1
		2	.00	2
	5711	2	.00	2
	5800	1	1.69	53
		2	.00	6
	5811	1	.75	379
		2	.25	282
	5812	1	.00	3
		2	.00	6
	5813	2	.00	1
	5831	1	.69	271
		2	.25	233
	5900	1	.00	2
	5923	1	.00	1
	5926	2	.00	1
	5929	2	.00	1
	5931	2	.00	3
	5932	1	.00	1
		2	4.54	2
	5933	2	.00	1
	5934	2	.00	1
	5942	1	.00	1
		2	.00	1
	5943	2	.00	7
	5945	1	.00	1
		2	.00	3
	5952	2	.00	2
	5953	2	.00	1
	5954	2	.00	4
	5955	1	.00	2
		2	.00	14
	5956	2	.00	5
	5957	1	5.26	2
		2	1.07	10
	5958	2	.56	20
	5962	2	.00	6
	5963	1	.00	2
		2	1.24	9
	5964	2	.00	5
	5979	2	.00	2
	5982	2	.00	2
	6000	1	4.44	9

MCC	PMOS	SKILL	NON-EAS ATTR.	N
11	6000	2	.00	1
	6012	2	6.25	3
	6014	1	7.14	3
		2	.00	4
	6016	2	.00	2
	6022	1	.00	2
		2	.00	1
	6024	1	.00	1
		2	.00	4
	6028	1	.00	12
		2	.00	31
	6036	2	.00	2
	6041	1	100.00	1
	6042	1	4.81	10
		2	1.57	18
	6051	2	.00	1
	6052	1	1.81	6
		2	.00	3
	6054	1	16.66	1
	6055	1	1.92	6
		2	.00	6
	6061	1	.00	1
	6062	1	14.28	1
		2	.00	11
	6064	1	1.85	5
		2	.00	8
	6072	1	.00	1
		2	.00	3
	6075	1	.00	2
		2	.00	7
	6076	2	.00	5
	6077	1	5.88	2
		2	.00	3
	6078	1	.00	2
		2	.00	1
	6082	1	3.70	6
		2	.00	12
	6111	1	.00	2
	6112	1	.00	10
		2	.00	14
	6113	1	1.29	15
		2	.00	9
	6114	1	.00	6
		2	.00	9
	6121	1	.00	1
	6122	1	.00	4
		2	.00	5

MCC	PMOS	SKILL	NON-EAS ATTR.	N
11	6123	1	.00	3
		2	.00	1
	6124	2	.00	1
	6125	1	.00	3
		2	.00	2
	6132	1	.00	1
		2	.00	1
	8500	2	.00	1
	6521	1	2.32	23
		2	.00	27
	6531	1	9.99	3
		2	1.78	7
	6541	1	11.11	1
		2	.00	1
	6600	1	1.56	8
		2	.00	3
	6611	1	.00	2
	6612	1	.00	9
		2	.00	8
	6613	1	1.44	6
		2	.00	3
	6614	1	4.16	2
		2	.00	1
	6616	1	25.00	1
		2	.00	1
	6617	1	.00	5
		2	.00	4
	6618	2	.00	5
	6619	1	.00	1
		2	.00	1
	6620	1	3.22	3
		2	.00	6
	6621	1	.00	1
	6625	1	.00	1
	6631	1	2.70	4
	6632	1	1.96	5
		2	.90	11
	6633	1	.00	6
		2	.00	4
	6634	1	.00	1
	6636	2	.00	1
	6638	1	.00	1
	6639	1	.00	3
		2	.00	2
	6657	2	.00	2
	6659	2	.00	1
	6682	2	.00	2

MCC	PMOS	SKILL	NON-EAS ATTR.	N
11	6683	2	.00	4
	6753	1	100.00	1
	6821	1	1.92	21
		2	.00	12
	6831	2	.00	1
	7000	1	.00	7
		2	.00	1
	7011	1	1.81	13
		2	.00	6
	7041	1	1.42	20
		2	.00	25
	7051	1	1.54	93
		2	.12	88
	7200	1	39.99	2
	7212	2	.00	1
	7222	2	.00	2
	7234	2	.00	3
	7242	1	11.11	1
		2	.00	4
	7300	1	4.76	2
		2	.00	1
	7311	1	.00	15
	7312	1	.00	3
		2	.00	23
	7321	1	.00	1
		2	.00	1
	7322	2	.00	14
	7372	2	.00	1
	7382	2	.00	4
	9900	1	1.17	113
		2	.00	2
	9975	1	.00	3
	9979	1	.74	30
12	0	1	7.69	2
		2	.00	1
		1	7.14	4
		2	4.16	4
	100	1	.90	28
		2	2.27	6
	121	1	1.16	87
		2	.15	66
	131	1	.82	70
		2	.30	72
	141	2	.00	1
	151	1	1.08	266
		2	.18	233

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	161	1	.00	10
		2	.00	17
	182	2	.00	18
	200	2	.00	2
	211	2	.00	1
	231	1	4.16	3
		2	.00	5
	239	2	.00	1
	241	1	.00	1
		2	.00	2
	300	1	1.69	83
		2	.00	1
	311	1	.88	856
		2	.28	242
	331	1	.99	178
		2	.00	43
	341	1	.76	167
		2	.80	44
	351	1	.62	233
		2	.45	33
	352	1	6.25	2
	369	2	.00	6
	400	1	3.22	6
		2	.00	2
	431	1	.00	7
		2	.00	10
	441	1	.00	3
		2	.57	21
	451	2	7.69	2
	491	1	.00	1
	800	1	.00	58
	811	1	3.29	17
		2	.00	6
	844	2	.00	1
	1100	1	.00	7
	1121	1	.00	18
		2	.00	17
	1141	1	.00	17
		2	.46	27
	1142	1	1.05	18
		2	.53	26
	1161	1	2.04	21
		2	.49	24
	1171	2	.00	4
	1173	1	3.22	4
		2	.00	2
	1300	1	1.20	84

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	1316	1	2.45	14
		2	.00	4
	1341	1	2.02	43
		2	.29	38
	1345	1	1.29	17
		2	.00	8
	1371	1	1.83	59
		2	.46	29
	1381	1	33.33	1
		2	.00	3
	1391	1	3.22	5
		2	.00	6
	1411	2	.00	4
	1431	2	.00	3
	1500	1	3.99	3
		2	.00	1
	1521	1	3.07	6
		2	1.23	9
	1522	2	3.22	3
	1531	1	.00	1
		2	.00	1
	1532	2	.00	1
	1542	2	.00	1
	1800	1	2.89	54
	1811	1	2.56	10
		2	.00	2
	1833	1	16.66	8
		2	.00	2
	2100	1	.86	124
	2111	1	1.04	12
		2	.52	25
	2131	1	.00	2
		2	2.85	3
	2141	1	5.55	2
		2	.00	1
	2142	2	.00	2
	2144	1	50.00	1
		2	.00	4
	2161	1	.00	3
	2171	1	.00	2
	2300	1	.00	49
		2	.00	1
	2311	1	1.01	12
		2	.00	12
	2500	1	2.52	569
		2	.00	1
	2511	1	3.33	3

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	2511	2	.00	1
	2512	1	1.36	19
		2	.79	14
	2531	1	2.28	38
		2	.00	38
	2533	2	.00	1
	2534	1	.00	1
		2	.00	2
	2537	2	.00	2
	2542	1	.81	52
		2	.00	24
	2549	2	.00	1
	2571	1	.00	1
		2	.00	1
	2572	2	.00	1
	2600	1	.87	273
		2	.00	2
	2621	1	.17	106
		2	.33	135
	2622	1	.49	19
		2	.00	77
	2629	2	.00	2
	2631	1	.30	34
		2	.00	65
	2632	1	.00	8
		2	.00	4
	2639	2	.00	1
	2641	1	.00	13
		2	.00	47
	2651	1	.13	70
		2	.00	72
	2800	1	.80	761
		2	2.22	13
	2811	1	.00	6
		2	.00	16
	2813	2	.00	2
	2814	1	.00	2
		2	.00	5
	2815	1	50.00	1
	2818	1	.00	1
		2	.00	10
	2819	2	.00	2
	2825	2	.00	3
	2826	2	.00	1
	2828	2	3.70	3
	2831	1	.00	3
		2	.00	3

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	2841	1	4.76	5
		2	.29	34
	2851	1	.00	2
		2	.00	16
	2853	2	.00	2
	2861	1	25.00	1
	2871	1	.00	1
		2	2.12	5
	2872	2	25.00	1
	2881	1	.00	2
		2	.00	13
	3000	1	1.72	84
		2	.00	1
	3041	1	.00	7
		2	.00	1
	3043	1	1.02	80
		2	.47	94
	3051	1	1.21	68
		2	.51	55
	3052	1	.00	1
		2	.00	1
	3061	1	.00	9
		2	.00	6
	3071	1	.00	1
		2	.00	3
	3072	1	1.03	82
		2	.00	117
	3081	1	.00	1
		2	.00	3
	3100	1	.75	28
	3111	1	3.93	20
		2	.00	11
	3121	1	6.66	7
		2	1.96	7
	3141	1	4.99	2
		2	.00	3
	3200	1	2.17	4
	3211	1	3.03	3
		2	.00	1
	3241	1	.00	1
		2	.00	1
	3242	2	.00	1
	3300	1	.00	10
	3311	1	2.15	17
		2	.00	16
	3371	1	1.38	77
		2	.45	73

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	3400	1	.00	11
		2	.00	2
	3421	1	1.21	49
		2	1.10	33
	3431	1	.67	13
		2	.00	10
	3441	2	.00	1
	3451	1	.00	10
		2	.00	10
	3500	1	1.62	33
		2	.00	3
	3513	1	3.33	3
		2	.00	4
	3516	1	7.69	3
	3521	1	1.21	61
		2	.30	35
	3522	1	1.36	46
		2	.00	12
	3523	2	.00	3
	3524	1	1.88	7
		2	.00	2
	3531	1	1.64	128
		2	.23	103
	3533	1	2.38	5
		2	.00	14
	3534	1	.00	1
		2	.00	7
	3535	1	.00	15
		2	.00	22
	4000	1	.63	14
		2	.00	1
	4013	2	.00	1
	4014	2	.00	1
	4016	1	3.99	4
		2	.00	16
	4034	1	.00	10
		2	.25	49
	4038	2	.00	1
	4044	2	.00	7
	4063	1	.00	5
		2	1.38	16
	4065	2	.00	1
	4100	1	.99	12
		2	.00	1
	4111	1	.00	3
		2	.00	8
	4131	1	1.53	6

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	4131	2	.00	14
	4300	1	1.88	18
	4312	1	.00	3
		2	.00	8
	4313	2	.00	2
	4400	1	.00	1
	4421	1	1.29	8
		2	.00	9
	4422	1	3.44	3
		2	.00	5
	4600	1	.00	27
		2	.00	1
	4631	1	3.17	7
		2	.00	7
	4671	1	.00	2
	4900	2	.00	1
	4911	2	.00	10
	4931	1	.00	1
		2	.00	2
	5500	1	.00	1
	5536	2	.00	1
	5546	1	.00	1
	5574	1	.00	5
		2	.00	8
	5577	1	.00	5
		2	.00	5
	5593	1	4.16	2
		2	.00	12
	5700	1	.00	1
		2	.00	4
	5711	1	.00	1
		2	.00	3
	5800	1	.00	72
		2	.00	2
	5811	1	.52	100
		2	.40	62
	5812	2	.00	1
	5813	2	.00	1
	5831	1	.00	20
		2	.00	55
	5900	1	.33	166
		2	.00	1
	5921	2	.00	4
	5922	2	.00	5
	5923	2	.00	9
	5925	2	.00	1
	5929	2	.00	3

TM-50470

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	5931	2	.00	3
	5932	2	.00	3
	5942	1	11.11	2
		2	.00	7
	5943	2	.00	8
	5945	1	.00	3
		2	.00	16
	5952	2	.00	2
	5955	1	.00	2
		2	.00	14
	5956	1	.00	4
		2	.00	15
	5957	2	.00	1
	5958	2	.00	16
	5962	1	.00	1
		2	.00	2
	5963	1	.00	3
		2	.00	30
	5964	1	.00	2
		2	.00	5
	5974	2	.00	2
	5978	2	.00	1
	6000	1	1.37	912
		2	.00	3
	6011	1	.00	16
		2	.00	1
	6012	1	.53	18
		2	.00	20
	6013	2	.00	2
	6014	1	.00	19
		2	.00	33
	6015	1	.00	9
		2	.00	14
	6016	1	.00	1
		2	.00	3
	6018	1	.00	5
		2	.00	12
	6021	1	1.51	6
		2	.00	1
	6022	1	.00	16
		2	.00	24
	6023	1	1.20	7
		2	1.24	9
	6024	1	1.24	34
		2	.00	34
	6025	1	3.40	9
		2	.00	8

FY78 NON-EAS ATTRITION RATES

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	6026	1	.00	1
		2	.00	4
	6027	2	.00	1
	6028	1	.00	2
		2	.00	13
	6036	1	.00	2
		2	.00	7
	6041	1	.00	9
	6042	1	.59	62
		2	.00	101
	6051	1	.00	8
		2	.00	1
	6052	1	.88	25
		2	.36	35
	6053	1	.00	3
		2	.00	3
	6054	1	.00	17
		2	.50	26
	6055	1	.24	37
		2	.33	35
	6061	1	.00	5
		2	.00	1
	6062	1	.49	20
		2	.44	49
	6064	1	.00	26
		2	.25	42
	6071	1	.00	7
	6072	1	.48	20
		2	.68	17
	6076	1	.00	8
		2	.00	28
	6077	1	.00	2
		2	.34	32
	6078	1	.00	3
		2	.00	8
	6082	1	1.45	36
		2	.00	49
	6083	2	.00	2
	6111	1	.00	19
		2	.00	1
	6112	1	.00	9
		2	.00	22
	6113	1	2.27	4
		2	.00	12
	6114	1	.58	65
		2	.52	65
	6122	1	.00	2

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	6122	2	.00	10
	6123	1	.00	1
		2	.00	7
	6124	1	.00	7
		2	2.49	4
	6125	1	.68	27
		2	.00	35
	6132	1	.00	6
		2	.00	13
	6200	1	.00	1
	6212	2	16.66	1
	6300	1	.00	1
	6351	1	.00	1
	6500	1	.00	53
		2	.00	1
	6511	2	.00	1
	6521	1	1.71	19
		2	.36	26
	6531	1	.78	92
		2	.19	97
	6541	1	.78	31
		2	.93	24
	6600	1	.89	835
		2	.00	24
	6611	1	.60	32
		2	.00	3
	6612	1	.27	32
		2	.00	34
	6613	1	.00	2
		2	.00	8
	6614	1	.00	6
		2	.00	21
	6615	1	.00	1
		2	.00	3
	6616	1	.00	9
		2	.00	15
	6617	1	.38	24
		2	.00	20
	6618	1	.00	8
		2	1.56	12
	6619	1	.00	11
		2	.00	10
	6620	1	.00	14
		2	.00	12
	6621	1	.74	16
	6623	1	.00	1
		2	9.99	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	6625	2	.00	1
	6827	2	.00	2
	6628	1	.00	3
		2	.00	1
	6629	2	.00	1
	6631	1	.80	20
		2	.00	2
	6632	1	.31	59
		2	.20	50
	6633	1	.00	1
		2	.00	9
	6634	1	.00	17
		2	.00	10
	6635	1	.00	6
		2	.00	4
	6636	1	.00	20
		2	.00	20
	6637	2	.00	3
	6638	1	.32	28
		2	.00	27
	6639	1	.91	19
		2	.00	11
	6641	2	.00	5
	6644	2	.00	8
	6646	1	.00	1
		2	.00	2
	6647	2	.00	1
	6656	1	.00	1
		2	.00	13
	6657	1	2.08	4
		2	.00	14
	6658	2	.00	8
	6659	2	.00	5
	6663	2	.00	1
	6682	1	.00	2
		2	.00	2
	6683	2	.00	4
	6700	1	.00	3
	6712	1	.00	1
	6722	2	.00	2
	6757	1	.00	1
	6800	1	.44	59
	6821	1	.00	1
		2	.00	3
	7000	1	.00	84
	7011	1	.00	1
		2	.00	1

MCC	PMOS	SKILL	NON-EAS ATTR.	N
12	7041	1	1.12	25
		2	.00	45
	7051	1	2.14	34
		2	.00	19
	7200	1	1.62	46
		2	.00	1
	7212	1	.00	1
		2	3.57	3
	7222	1	.00	2
		2	.00	2
	7234	1	.57	19
		2	.00	19
	7242	1	.00	2
		2	.00	8
	7300	1	.55	49
	7311	1	.96	10
	7312	2	1.14	14
	7321	1	.00	2
		2	.00	1
	7322	1	.00	2
		2	.00	14
	7371	1	.00	1
		2	.00	1
	7372	2	.00	1
	9900	1	1.57	137
		2	.00	1
	9901	2	.00	1
	9970	1	.42	59
	9979	1	1.87	36

Appendix B

Appendix B

MCC CODE	DESCRIPTION	ACTUAL MCCS
00	USMC Recruit Depots	016, 017
01	Hawaii	130, 436, 442, 1CD, 091, 1C1
02	West Coast Fleet Marine Force (FMF) Units	121, 143, 144, 164, 169, 1D0 1D4
03	East Coast Fleet Marine Force Units	122, 142, 151, 160, 165, 1D1, 1D3, 1DK
04	Far East FMF Units	124, 092, 045, 044, 145, 146, 197, 1C2, 1C3, 1D2, 1D5, 1E7 1E8
05	Marine Barracks in United States	210, 213, 215, 217, 218, 224, 226, 229, 230, 233, 234, 237, 240, 251, 254, 256, 262, 263, 268, 271, 272, 274, 275
06	Overseas Marine Barracks	353, 355, 362, 365, 311, 313, 314, 315, 316, 317, 320, 323, 326, 327, 328
07	Overseas Marine Barracks	351, 312, 333
08	Marines on Sea Duty	412, 413, 414, 431, 434, 436, 438, 439, 442, 444, 446, 451
09	Force Troops, FMF PAC	150, 1DJ
10	Security Guard Detachments	RD0, R02, R06, R08, R10, R14
11	Non-FMF Units	009, 010, 011, 012, 013, 014, 019, 022, 023, 024, 025, 026, 027, 028, 029, 030, 036, 038, 040, 041, 047, 048, 049, 052, 057, 058, 059, 063
12	All Others	ALL OTHER

Appendix C

Appendix C

NON-EAS SEPARATION CODES

GKA	THRU	HNC
JKA	THRU	JNC
H20	THRU	H67
820	THRU	899

GFN, JCM, JDF, JDJ, JDK, JFB, JFC, JFF, JFG, JFK, JFL, JFM, JFN, JFP, JFR, JFT, JFV, JHF, JJB, JJC, JJD, JMF, JNF, JPB, KCM, KCQ, KDB, KDC, KDF, KDG, KDH, KFF, KFS, KFV, KNL, LFG, MCK, MDB, MDH, MND, RFJ, RFK, SFJ, SFK, VFJ, VFK, WFK, YND

IMMEDIATE REENLISTMENT SEPARATION CODES

KHC

EAS SEPARATION CODES

ALL OTHERS

To cope with the expanding technology, our society must be assured of a continuing supply of rigorously trained and educated engineers. The School of Engineering and Applied Science is completely committed to this objective.