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SMITHSONIAN INSTITUTION  
ASTROPHYSICAL OBSERVATORY

Research in Space Science

SPECIAL REPORT

Number 66

CATALOGUE OF SATELLITE OBSERVATIONS  
No. C-22

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SAO Special Report No. 66

CATALOGUE OF SATELLITE OBSERVATIONS

No. C-22

Prepared by D. V. Mechau

Smithsonian Institution  
Astrophysical Observatory

Cambridge 38, Massachusetts

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## CATALOGUE OF SATELLITE OBSERVATIONS, NO. C-22

Prepared by D. V. Mechau<sup>1</sup>

### INTRODUCTION

#### ANALYSIS

*Graph Zeta* *Graph Beta* *Graph Alpha*  
This report lists observations of Satellites 19S8 Alpha, 19S8  $\beta$ 1, 19S9  $\alpha$ 1, 19S9  $\alpha$ 2, 19S9 Eta, and 19S9  $\zeta$ 1 for the period September 1 through December 31, 1960, as well as additions and corrections to previous listings of observations of these satellites and for 1958 Epsilon. Because it is sometimes impractical and unnecessary to process all observations received, and because some processed observations are rejected because of gross error, this report contains only those actually found useful in our orbit computations.

The observations listed include those from the Smithsonian Baker-Nunn camera stations, Moonwatch teams, U. S. and foreign observatories, military installations, Phototrack stations, and miscellaneous observers. A number of observations have been received from the National Space Surveillance Control Center (NSSCC), under an arrangement involving an exchange of observations of artificial earth satellites. Minitrack Doppler data received by SAO are not included.

#### Units

The date given lists the month and day of the observation; the time (U. T.) is given in hours, minutes, and seconds; right ascension is in hours, minutes, and seconds; declination, azimuth, and altitude are in degrees, minutes, and seconds; azimuth is measured from north through east; the range is in kilometers.

An explanation of the Index Number appears on pages 3 and 4.

<sup>1</sup>Administrative Assistant, Computations Division, Smithsonian Astrophysical Observatory.

# EXPLANATION OF INDEX NUMBER

The index number in the column to the extreme right consists of six digits. The first digit indicates the precision of the time of the observation; the second and third digits, the precision of position; the fourth digit, the coordinate system and corrections; the fifth digit, the equator and equinox; the sixth digit, the type of instrumentation used in making the observation.

## Precision of Time (1st digit)

| Code number | Standard error in timing ( $\sigma_t$ ) | Code number | Standard error in timing ( $\sigma_t$ ) |
|-------------|-----------------------------------------|-------------|-----------------------------------------|
| 0           | No estimate                             | 5           | $.02^s < \sigma_t \leq .05^s$           |
| 1           | $\sigma_t \leq .0003^s$                 | 6           | $.05^s < \sigma_t \leq .2^s$            |
| 2           | $.0003^s < \sigma_t \leq .002^s$        | 7           | $.2^s < \sigma_t \leq .5^s$             |
| 3           | $.002^s < \sigma_t \leq .005^s$         | 8           | $.5^s < \sigma_t \leq 2^s$              |
| 4           | $.005^s < \sigma_t \leq .02^s$          | 9           | $\sigma_t > 2^s$                        |

## Precision of Position (2nd and 3rd digits)

| Code number* | Standard error in direction ( $\sigma_D$ ) | Code number* | Standard error in direction ( $\sigma_D$ ) | Code number* | Standard error in direction ( $\sigma_D$ ) |
|--------------|--------------------------------------------|--------------|--------------------------------------------|--------------|--------------------------------------------|
| 00           | No estimate                                | 17           | $16''.5 < \sigma_D \leq 17''.5$            | 34           | $21' < \sigma_D \leq 31.5'$                |
| 01           | $\sigma_D \leq 1''.5$                      | 18           | $17''.5 < \sigma_D \leq 18''.5$            | 35           | $31.5' < \sigma_D \leq 41.4'$              |
| 02           | $1''.5 < \sigma_D \leq 2''.5$              | 19           | $18''.5 < \sigma_D \leq 19''.5$            | 36           | $41.4' < \sigma_D \leq 51.8'$              |
| 03           | $2''.5 < \sigma_D \leq 3''.5$              | 20           | $19''.5 < \sigma_D \leq 20''.5$            | 37           | $51.8' < \sigma_D \leq 71.5'$              |
| 04           | $3''.5 < \sigma_D \leq 4''.5$              | 21           | $20''.5 < \sigma_D \leq 22''$              | 38           | $71.5' < \sigma_D \leq 91.7'$              |
| 05           | $4''.5 < \sigma_D \leq 5''.5$              | 22           | $22'' < \sigma_D \leq 23''.5$              | 39           | $91.7' < \sigma_D \leq 13'$                |
| 06           | $5''.5 < \sigma_D \leq 6''.5$              | 23           | $23''.5 < \sigma_D \leq 26''$              | 40           | $13' < \sigma_D \leq 17'$                  |
| 07           | $6''.5 < \sigma_D \leq 7''.5$              | 24           | $26'' < \sigma_D \leq 29''$                | 41           | $17' < \sigma_D \leq 22'$                  |
| 08           | $7''.5 < \sigma_D \leq 8''.5$              | 25           | $29'' < \sigma_D \leq 33''$                | 42           | $22' < \sigma_D \leq 28'$                  |
| 09           | $8''.5 < \sigma_D \leq 9''.5$              | 26           | $33'' < \sigma_D \leq 38''$                | 43           | $28' < \sigma_D \leq 37'$                  |
| 10           | $9''.5 < \sigma_D \leq 10''.5$             | 27           | $38'' < \sigma_D \leq 45''$                | 44           | $37' < \sigma_D \leq 49'$                  |
| 11           | $10''.5 < \sigma_D \leq 11''.5$            | 28           | $45'' < \sigma_D \leq 54''$                | 45           | $49' < \sigma_D \leq 1^{\circ}1'$          |
| 12           | $11''.5 < \sigma_D \leq 12''.5$            | 29           | $54'' < \sigma_D \leq 1^{\circ}1'$         | 46           | $1^{\circ}1' < \sigma_D \leq 1^{\circ}4'$  |
| 13           | $12''.5 < \sigma_D \leq 13''.5$            | 30           | $1^{\circ}1' < \sigma_D \leq 1^{\circ}3'$  | 47           | $1^{\circ}4' < \sigma_D \leq 1^{\circ}8'$  |
| 14           | $13''.5 < \sigma_D \leq 14''.5$            | 31           | $1^{\circ}3' < \sigma_D \leq 1^{\circ}7'$  | 48           | $1^{\circ}8' < \sigma_D \leq 2^{\circ}4'$  |
| 15           | $14''.5 < \sigma_D \leq 15''.5$            | 32           | $1^{\circ}7' < \sigma_D \leq 2^{\circ}1'$  | 49           | $2^{\circ}4' < \sigma_D$                   |
| 16           | $15''.5 < \sigma_D \leq 16''.5$            | 33           | $2^{\circ}1' < \sigma_D \leq 2^{\circ}7'$  |              |                                            |

\* For electronic instruments, these code numbers (2nd and 3rd digits of the index in table 6) are increased by 50.

#### Coordinate System and Corrections (4th digit)

| Code number | Coordinate System                                                                      |
|-------------|----------------------------------------------------------------------------------------|
| 0           | Right ascension and declination corrected for refraction or not known to be corrected. |
| 1           | Azimuth and altitude corrected for refraction.                                         |
| 2           | Right ascension and declination not corrected for refraction.                          |
| 3           | Azimuth and altitude not corrected for refraction or not known to be corrected.        |

#### Equator and Equinox (5th digit)

| Code number | Equator and Equinox |
|-------------|---------------------|
| 0           | Of date given       |
| 1           | 1855.0              |
| 2           | 1875.0              |
| 3           | 1900.0              |
| 4           | 1950.0              |

#### Type of Instrumentation (6th digit)

| Code number | Optical Observations                                                                             | Code number | Electronic Observations                               |
|-------------|--------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------|
| 0           | Naked eye and binoculars, visual.                                                                | 0           | Minitrack Mark 1.                                     |
| 1           | Standard Moonwatch telescope, visual.                                                            | 1           | Minitrack Mark 2.                                     |
| 2           | Apogee telescope, astronomical refractor or reflector, theodolite, visual.                       | 2           | Interferometer observations from radio observatories. |
| 3           | Baker-Nunn camera, photographic.                                                                 | 3           | Doppler observations from radio observatories.        |
| 4           | Small missile telecamera, tracking cameras with focal length 20 inches or greater, photographic. | 4           | Microlock.                                            |
| 5           | Cinetheodolite, tracking cameras with focal length less than 20 inches, photographic.            | 5           | Doppler observations from communications systems.     |
| 6           | Harvard meteor camera (Super-Schmidt) photographic.                                              | 6           | Doppler observations from missile ranges.             |
| 7           | Stationary telescope or camera with focal length equal to or less than 10 inches, photographic.  | 7           | Radar.                                                |
| 8           | Stationary telescope or camera with focal length greater than 10 inches, photographic.           | 8           | Unused digit.                                         |
| 9           | Other instruments, or instrument unknown.                                                        | 9           | Miscellaneous.                                        |

## 1958 ALPHA

| OBS NO | STATION               | STA NO | DATE | TIME        | R. A.    | OECL.  | AZIMUTH | ALTITUDE | RANGE | INDEX  |
|--------|-----------------------|--------|------|-------------|----------|--------|---------|----------|-------|--------|
| 10233  | VILLA DOLORES'BN, ARG | 9011   | 9 01 | 0 38 20.31  | 19 07 00 | -38 53 |         |          |       | 434023 |
| 10231  | WOOMERA'BN, AUSTR.    | 9003   | 9 01 | 11 26 13.04 | 18 59 24 | -41 34 |         |          |       | 434023 |
| 50007  | LAREDO'RADAR, TEX.    | 4012   | 9 01 | 13 58 43    |          |        | 355 54  | 35 00    | 1413  | 895307 |
| 10232  | JUPITER'BN, FLA.      | 9010   | 9 02 | 9 36 26.49  | 6 38 42  | -10 24 |         |          |       | 434013 |
| 10237  | WOOMERA'BN, AUSTR.    | 9003   | 9 02 | 10 45 53.91 | 19 02 24 | -41 21 |         |          |       | 434023 |
| 10244  | MAUI'BN, HAWAII       | 9012   | 9 02 | 14 59 33.34 | 1 01 36  | -63 48 |         |          |       | 434013 |
| 10234  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 02 | 17 56 24.90 | 18 13 06 | -57 53 |         |          |       | 434023 |
| 10241  | VILLA DOLORES'BN, ARG | 9011   | 9 02 | 23 16 26.19 | 17 54 18 | -36 49 |         |          |       | 434023 |
| 10235  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 03 | 17 15 22.30 | 17 38 18 | -56 40 |         |          |       | 434023 |
| 10240  | SHIRAZ'BN, IRAN       | 9008   | 9 04 | 1 09 54.69  | 3 55 00  | -1 36  |         |          |       | 434013 |
| 10238  | WOOMERA'BN, AUSTR.    | 9003   | 9 04 | 11 19 38.88 | 19 03 24 | -32 58 |         |          |       | 434023 |
| 10236  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 04 | 18 31 34.40 | 19 53 30 | -48 16 |         |          |       | 434023 |
| 10242  | VILLA DOLORES'BN, ARG | 9011   | 9 04 | 23 46 30.54 | 15 47 36 | -27 59 |         |          |       | 434023 |
| 10243  | VILLA DOLORES'BN, ARG | 9011   | 9 04 | 23 51 01.11 | 18 54 30 | -35 07 |         |          |       | 434023 |
| 10239  | WOOMERA'BN, AUSTR.    | 9003   | 9 05 | 10 38 26.91 | 18 25 54 | -36 07 |         |          |       | 434023 |
| 10247  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 05 | 17 49 54.50 | 18 45 06 | -51 43 |         |          |       | 434023 |
| 10245  | AREQUIPA'BN, PERU     | 9007   | 9 06 | 1 03 44.78  | 18 59 12 | -68 02 |         |          |       | 434023 |
| 10246  | VILLA DOLORES'BN, ARG | 9011   | 9 06 | 1 04 40.71  | 18 31 12 | -18 52 |         |          |       | 434013 |
| 10701  | NAINI TAL'BN, INDIA   | 9006   | 9 06 | 23 16 19.92 | 6 14 54  | 61 27  |         |          |       | 434013 |
| 10249  | VILLA DOLORES'BN, ARG | 9011   | 9 07 | 0 24 59.55  | 20 04 24 | -14 56 |         |          |       | 434013 |
| 10248  | WOOMERA'BN, AUSTR.    | 9003   | 9 07 | 11 12 15.07 | 18 44 24 | -17 43 |         |          |       | 434013 |
| 10702  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 07 | 18 25 23.95 | 20 24 12 | -25 00 |         |          |       | 434023 |
| 10251  | VILLA DOLORES'BN, ARG | 9011   | 9 07 | 23 37 24.52 | 14 28 00 | -25 30 |         |          |       | 434023 |
| 10252  | VILLA DOLORES'BN, ARG | 9011   | 9 07 | 23 44 59.55 | 21 31 18 | -6 10  |         |          |       | 434013 |
| 10250  | WOOMERA'BN, AUSTR.    | 9003   | 9 08 | 10 30 21.49 | 17 52 00 | -24 30 |         |          |       | 434023 |
| 10253  | VILLA DOLORES'BN, ARG | 9011   | 9 08 | 22 00 39.25 | 17 00 54 | -31 12 |         |          |       | 434023 |
| 10257  | WOOMERA'BN, AUSTR.    | 9003   | 9 09 | 9 50 11.95  | 18 24 36 | -25 23 |         |          |       | 434023 |
| 10267  | WOOMERA'BN, AUSTR.    | 9003   | 9 09 | 11 45 52.72 | 18 48 36 | 7 13   |         |          |       | 434013 |
| 10254  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 09 | 17 00 50.20 | 18 02 30 | -42 30 |         |          |       | 434023 |
| 10258  | AREQUIPA'BN, PERU     | 9007   | 9 10 | 0 16 24.26  | 19 53 24 | -51 57 |         |          |       | 434023 |
| 10255  | SAN FERNANDO'BN, SP.  | 9004   | 9 10 | 4 32 03.10  | 4 05 54  | -8 52  |         |          |       | 434013 |
| 10256  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 10 | 18 16 00.20 | 18 34 36 | -10 11 |         |          |       | 434013 |
| 10259  | VILLA DOLORES'BN, ARG | 9011   | 9 10 | 23 34 18.72 | 17 32 42 | -12 22 |         |          |       | 434013 |
| 10261  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 11 | 17 35 29.50 | 18 57 36 | -12 09 |         |          |       | 434013 |
| 10262  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 11 | 19 28 23.10 | 17 36 00 | 11 29  |         |          |       | 434013 |
| 10264  | AREQUIPA'BN, PERU     | 9007   | 9 12 | 0 51 01.25  | 20 08 18 | -16 57 |         |          |       | 434013 |
| 10260  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 12 | 18 50 02.70 | 18 47 12 | 21 11  |         |          |       | 434013 |
| 10265  | AREQUIPA'BN, PERU     | 9007   | 9 13 | 0 09 08.48  | 19 46 00 | -25 39 |         |          |       | 434023 |
| 10263  | SAN FERNANDO'BN, SP.  | 9004   | 9 13 | 4 25 03.50  | 5 11 24  | -6 12  |         |          |       | 434013 |
| 10269  | AREQUIPA'BN, PERU     | 9007   | 9 14 | 1 22 00.68  | 18 10 36 | 6 48   |         |          |       | 434013 |
| 10266  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 14 | 17 26 11.20 | 17 59 00 | 7 44   |         |          |       | 434013 |
| 10268  | SAN FERNANDO'BN, SP.  | 9004   | 9 15 | 4 57 01.80  | 3 58 12  | -22 37 |         |          |       | 434013 |
| 10277  | VILLA DOLORES'BN, ARG | 9011   | 9 15 | 23 58 14.50 | 17 10 24 | 23 46  |         |          |       | 434013 |
| 10273  | AREQUIPA'BN, PERU     | 9007   | 9 15 | 23 58 39.64 | 17 54 00 | -6 34  |         |          |       | 434013 |
| 10275  | CURACAO'BN, N.W.I.    | 9009   | 9 16 | 0 06 43.53  | 21 52 00 | -35 12 |         |          |       | 434023 |
| 10274  | AREQUIPA'BN, PERU     | 9007   | 9 16 | 1 51 28.30  | 16 41 48 | 14 56  |         |          |       | 434013 |
| 10271  | WOOMERA'BN, AUSTR.    | 9003   | 9 16 | 10 46 48.77 | 17 28 42 | 30 19  |         |          |       | 434013 |
| 10276  | CURACAO'BN, N.W.I.    | 9009   | 9 16 | 23 24 33.97 | 21 26 00 | -38 56 |         |          |       | 434023 |
| 10272  | WOOMERA'BN, AUSTR.    | 9003   | 9 17 | 10 03 24.04 | 16 31 00 | 22 19  |         |          |       | 434013 |
| 10270  | OLIFANTSFNTN'BN, S.AF | 9002   | 9 17 | 17 16 27.00 | 17 14 18 | 24 44  |         |          |       | 434013 |
| 10278  | CURACAO'BN, N.W.I.    | 9009   | 9 18 | 23 56 53.63 | 20 55 30 | -17 27 |         |          |       | 434013 |
| 10279  | MAUI'BN, HAWAII       | 9012   | 9 19 | 5 19 47.72  | 21 24 24 | -30 31 |         |          |       | 434023 |
| 10281  | NAINI TAL'BN, INDIA   | 9006   | 9 21 | 14 54 49.57 | 21 41 06 | -7 16  |         |          |       | 434013 |
| 10284  | SHIRAZ'BN, IRAN       | 9008   | 9 21 | 16 41 48.57 | 21 12 30 | -10 29 |         |          |       | 434013 |
| 10280  | SAN FERNANDO'BN, SP.  | 9004   | 9 21 | 20 17 13.00 | 21 32 48 | -20 20 |         |          |       | 434013 |
| 10282  | CURACAO'BN, N.W.I.    | 9009   | 9 21 | 23 46 14.41 | 20 01 24 | 9 02   |         |          |       | 434013 |
| 10283  | CURACAO'BN, N.W.I.    | 9009   | 9 22 | 1 41 44.29  | 18 56 18 | 48 24  |         |          |       | 434013 |
| 10289  | TOYU'BN, JAPAN        | 9005   | 9 22 | 10 39 22.00 | 21 29 12 | -15 54 |         |          |       | 434013 |
| 10286  | NAINI TAL'BN, INDIA   | 9006   | 9 22 | 14 11 46.50 | 20 52 18 | -14 38 |         |          |       | 434013 |
| 10285  | SAN FERNANDO'BN, SP.  | 9004   | 9 22 | 19 35 11.90 | 21 17 06 | -21 33 |         |          |       | 434013 |
| 30057  | SAN JOSE, CAL.        | 8573   | 9 23 | 4 37 07.8   |          |        | 180     | 38 16 48 |       | 845304 |
| 10290  | NAINI TAL'BN, INDIA   | 9006   | 9 23 | 13 31 20.52 | 21 31 42 | -10 04 |         |          |       | 434013 |
| 10291  | NAINI TAL'BN, INDIA   | 9006   | 9 23 | 15 24 50.25 | 20 44 30 | 13 07  |         |          |       | 434013 |
| 10287  | SAN FERNANDO'BN, SP.  | 9004   | 9 23 | 20 48 02.30 | 21 27 42 | -4 54  |         |          |       | 434013 |
| 10297  | CURACAO'BN, N.W.I.    | 9009   | 9 24 | 0 16 54.17  | 16 48 18 | 38 57  |         |          |       | 434013 |
| 10295  | MAUI'BN, HAWAII       | 9012   | 9 24 | 5 40 37.83  | 20 37 48 | 16 40  |         |          |       | 434013 |
| 10296  | MAUI'BN, HAWAII       | 9012   | 9 24 | 7 34 21.62  | 18 50 12 | 42 11  |         |          |       | 434013 |
| 10292  | NAINI TAL'BN, INDIA   | 9006   | 9 24 | 14 46 09.17 | 23 04 42 | 19 13  |         |          |       | 434013 |
| 10293  | JUPITER'BN, FLA.      | 9010   | 9 25 | 1 29 27.36  | 20 32 00 | 22 21  |         |          |       | 434013 |
| 10294  | JUPITER'BN, FLA.      | 9010   | 9 25 | 1 31 56.44  | 22 31 00 | 29 30  |         |          |       | 434013 |
| 10298  | MAUI'BN, HAWAII       | 9012   | 9 25 | 6 53 24.81  | 19 56 24 | 47 28  |         |          |       | 434013 |
| 10300  | SHIRAZ'BN, IRAN       | 9008   | 9 25 | 15 47 54.58 | 20 24 12 | 4 09   |         |          |       | 434013 |

| OBS NO | STATION              | STA NO | DATE  | TIME        | R. A.    | DECL.  | AZIMUTH   | ALTITUDE | RANGE | INDEX  |
|--------|----------------------|--------|-------|-------------|----------|--------|-----------|----------|-------|--------|
| 10288  | SAN FERNANDO'BN, SP. | 9004   | 9 25  | 19 23 35.00 | 20 58 42 | - 9 08 |           |          |       | 434013 |
| 10301  | SHIRAZ'BN, IRAN      | 9008   | 9 26  | 17 02 36.43 | 22 00 30 | 34 48  |           |          |       | 434013 |
| 10299  | SAN FERNANDO'BN, SP. | 9004   | 9 26  | 20 37 12.50 | 21 58 06 | 11 02  |           |          |       | 434013 |
| 10302  | JUPITER'BN, FLA.     | 9010   | 9 27  | 2 00 58.10  | 21 22 06 | 45 27  |           |          |       | 434013 |
| 30076  | MITAKA, JAPAN        | 0229   | 9 27  | 10 57 44.0  |          |        | 165 54    | 58 12    |       | 845303 |
| 10304  | SAN FERNANDO'BN, SP. | 9004   | 9 27  | 19 53 15.70 | 20 42 42 | 5 20   |           |          |       | 434013 |
| 10305  | JUPITER'BN, FLA.     | 9010   | 9 28  | 1 17 31.22  | 20 21 06 | 39 58  |           |          |       | 434013 |
| 10303  | ORGAN PASS'BN, N.M.  | 9001   | 9 28  | 3 07 28.50  | 22 01 12 | 26 33  |           |          |       | 434013 |
| 30058  | WICHITA, KAN.        | 0028   | 9 28  | 3 08 38.4   | 21 07 52 | 14 04  |           |          |       | 845043 |
| 10309  | MAUI'BN, HAWAII      | 9012   | 9 28  | 6 41 35.15  | 19 52 12 | 59 59  |           |          |       | 434013 |
| 10310  | TOKYO'BN, JAPAN      | 9005   | 9 28  | 10 13 51.80 | 19 48 24 | 7 38   |           |          |       | 434013 |
| 10311  | SHIRAZ'BN, IRAN      | 9008   | 9 28  | 15 35 09.20 | 19 40 18 | 20 53  |           |          |       | 034013 |
| 10312  | SHIRAZ'BN, IRAN      | 9008   | 9 28  | 17 31 17.78 | 20 42 00 | 43 06  |           |          |       | 034013 |
| 10307  | SAN FERNANDO'BN, SP. | 9004   | 9 28  | 19 10 36.70 | 20 24 12 | 2 03   |           |          |       | 434013 |
| 10308  | SAN FERNANDO'BN, SP. | 9004   | 9 28  | 21 06 32.60 | 21 40 42 | 20 24  |           |          |       | 434013 |
| 30059  | WICHITA, KAN.        | 0028   | 9 29  | 2 25 30.2   | 20 28 36 | 11 22  |           |          |       | 845043 |
| 10306  | ORGAN PASS'BN, N.M.  | 9001   | 9 29  | 4 17 36.50  | 20 19 24 | 34 08  |           |          |       | 434013 |
| 10318  | MAUI'BN, HAWAII      | 9012   | 9 29  | 5 57 08.87  | 16 07 12 | 50 50  |           |          |       | 434013 |
| 10314  | TOKYO'BN, JAPAN      | 9005   | 9 29  | 9 31 55.10  | 20 01 18 | 6 19   |           |          |       | 434013 |
| 10315  | NAINI TAL'BN, INDIA  | 9006   | 9 29  | 15 01 23.70 | 21 00 06 | 43 10  |           |          |       | 434013 |
| 10316  | SHIRAZ'BN, IRAN      | 9008   | 9 29  | 16 48 25.59 | 20 20 42 | 41 22  |           |          |       | 434013 |
| 10313  | SAN FERNANDO'BN, SP. | 9004   | 9 29  | 20 22 41.90 | 20 28 42 | 17 35  |           |          |       | 434013 |
| 10328  | CURACAO'BN, N.W.I.   | 9009   | 9 29  | 23 52 52.51 | 17 19 30 | 65 26  |           |          |       | 434013 |
| 10317  | JUPITER'BN, FLA.     | 9010   | 9 30  | 1 47 37.18  | 20 28 12 | 51 08  |           |          |       | 434013 |
| 10319  | ORGAN PASS'BN, N.M.  | 9001   | 9 30  | 3 35 38.00  | 20 40 30 | 34 30  |           |          |       | 434013 |
| 10327  | MAUI'BN, HAWAII      | 9012   | 9 30  | 5 14 05.63  | 17 46 00 | 47 30  |           |          |       | 434013 |
| 10322  | TOKYO'BN, JAPAN      | 9005   | 9 30  | 10 44 43.30 | 20 36 36 | 22 26  |           |          |       | 434013 |
| 30077  | MITAKA, JAPAN        | 0229   | 9 30  | 10 44 49.3  |          |        | 173 12    | 77 12    |       | 845303 |
| 10323  | NAINI TAL'BN, INDIA  | 9006   | 9 30  | 14 17 24.04 | 19 37 24 | 38 46  |           |          |       | 434013 |
| 10325  | SHIRAZ'BN, IRAN      | 9008   | 9 30  | 16 05 03.20 | 19 35 18 | 38 02  |           |          |       | 434013 |
| 10320  | SAN FERNANDO'BN, SP. | 9004   | 9 30  | 19 39 35.10 | 19 56 12 | 14 38  |           |          |       | 434013 |
| 30060  | TERRE HAUTE, IND.    | 8127   | 10 01 | 1 02 22.4   | 19 50 46 | 6 46   |           |          |       | 845044 |
| 30061  | WICHITA, KAN.        | 0028   | 10 01 | 2 55 50.6   | 21 06 53 | 19 00  |           |          |       | 845043 |
| 10326  | SHIRAZ'BN, IRAN      | 9008   | 10 01 | 15 21 47.70 | 19 00 36 | 34 16  |           |          |       | 434013 |
| 10324  | NAINI TAL'BN, INDIA  | 9006   | 10 01 | 15 31 23.33 | 21 26 48 | 45 26  |           |          |       | 434013 |
| 10321  | SAN FERNANDO'BN, SP. | 9004   | 10 01 | 20 52 49.70 | 21 04 48 | 22 30  |           |          |       | 434013 |
| 30062  | STATE COLLEGE, PA.   | 0060   | 10 02 | 0 23 56.6   |          |        | 152 30    | 54 42    |       | 845303 |
| 30063  | SACRAMENTO, CAL.     | 8517   | 10 02 | 4 00 59.9   |          |        | 180 00    | 67 36    |       | 841304 |
| 10329  | SHIRAZ'BN, IRAN      | 9008   | 10 02 | 16 35 30.01 | 20 33 30 | 45 04  |           |          |       | 434013 |
| 10332  | MAUI'BN, HAWAII      | 9012   | 10 03 | 5 02 02.83  | 18 29 00 | 62 48  |           |          |       | 434013 |
| 10333  | MAUI'BN, HAWAII      | 9012   | 10 03 | 7 00 00.64  | 22 09 00 | 64 34  |           |          |       | 434013 |
| 10451  | WOOMERA'BN, AUSTR.   | 9003   | 10 03 | 12 46 43.24 | 0 06 36  | -23 00 |           |          |       | 434013 |
| 10330  | SAN FERNANDO'BN, SP. | 9004   | 10 03 | 19 25 16.00 | 19 08 12 | 20 14  |           |          |       | 434013 |
| 10331  | SAN FERNANDO'BN, SP. | 9004   | 10 03 | 21 21 22.20 | 20 42 12 | 17 37  |           |          |       | 434013 |
| 30064  | ROCHESTER, N.Y.      | 0047   | 10 04 | 0 52 05.6   | 20 26 18 | 4 30   |           |          |       | 845034 |
| 30065  | DENVER, COLO.        | 8582   | 10 04 | 2 38 43.2   |          |        | 181 30    | 63 36    |       | 845303 |
| 10334  | MAUI'BN, HAWAII      | 9012   | 10 04 | 6 14 31.54  | 18 40 54 | 65 00  |           |          |       | 434013 |
| 30066  | SACRAMENTO, CAL.     | 8517   | 10 05 | 3 47 18.3   |          |        | 180 00    | 66 35    |       | 841304 |
| 10337  | SHIRAZ'BN, IRAN      | 9008   | 10 05 | 16 22 01.30 | 20 49 36 | 41 18  |           |          |       | 434013 |
| 30067  | DENVER, COLO.        | 8582   | 10 06 | 1 12 59.1   |          |        | 176 00    | 61 36    |       | 845303 |
| 30069  | KANSAS CITY, MO.     | 0036   | 10 06 | 1 13 35.05  |          |        | 204       | 63 45 00 |       | 845303 |
| 10335  | JUPITER'BN, FLA.     | 9010   | 10 06 | 1 22 02.99  | 21 56 36 | 43 51  |           |          |       | 434013 |
| 30070  | CHINA LAKE, CAL.     | 0098   | 10 06 | 3 03 04.6   |          |        | 247 54    | 65 24    |       | 841303 |
| 30068  | DENVER, COLO.        | 8582   | 10 06 | 3 08 43.8   |          |        | 191 42    | 57 24    |       | 845303 |
| 10345  | SHIRAZ'BN, IRAN      | 9008   | 10 06 | 15 38 13.93 | 19 57 00 | 44 08  |           |          |       | 434013 |
| 10346  | SHIRAZ'BN, IRAN      | 9008   | 10 06 | 17 29 59.82 | 18 15 30 | 26 34  |           |          |       | 434013 |
| 10336  | WOOMERA'BN, AUSTR.   | 9003   | 10 06 | 18 10 40.30 | 6 21 48  | 8 38   |           |          |       | 434013 |
| 10338  | SAN FERNANDO'BN, SP. | 9004   | 10 06 | 19 11 54.10 | 19 34 18 | 21 52  |           |          |       | 434013 |
| 10339  | SAN FERNANDO'BN, SP. | 9004   | 10 06 | 21 07 40.30 | 20 48 18 | 7 06   |           |          |       | 434013 |
| 30071  | TERRE HAUTE, IND.    | 8127   | 10 07 | 0 34 59.4   | 19 48 15 | 12 10  |           |          |       | 845043 |
| 30072  | DENVER, COLO.        | 8582   | 10 07 | 2 25 06.0   |          |        | 189 12    | 59 36    |       | 845303 |
| 30073  | SAN JOSE, CAL.       | 8573   | 10 07 | 4 16 47.4   |          |        | 180       | 60 19 12 |       | 845304 |
| 10343  | NAINI TAL'BN, INDIA  | 9006   | 10 07 | 15 03 13.11 | 20 48 36 | 28 16  |           |          |       | 434013 |
| 10347  | SHIRAZ'BN, IRAN      | 9008   | 10 07 | 16 51 20.12 | 21 11 54 | 23 20  |           |          |       | 434013 |
| 10340  | SAN FERNANDO'BN, SP. | 9004   | 10 07 | 20 24 13.50 | 20 23 54 | 10 30  |           |          |       | 434013 |
| 10342  | TOKYO'BN, JAPAN      | 9005   | 10 08 | 10 46 01.10 | 20 34 12 | 8 11   |           |          |       | 434013 |
| 10344  | NAINI TAL'BN, INDIA  | 9006   | 10 08 | 14 23 39.17 | 23 14 18 | 15 38  |           |          |       | 434013 |
| 10348  | SHIRAZ'BN, IRAN      | 9008   | 10 08 | 16 07 47.85 | 20 52 42 | 30 03  |           |          |       | 434013 |
| 10341  | SAN FERNANDO'BN, SP. | 9004   | 10 08 | 19 40 43.90 | 19 59 12 | 13 22  |           |          |       | 434013 |
| 30074  | CHINA LAKE, CAL.     | 8588   | 10 09 | 2 50 14.7   |          |        | 191 43 12 | 71 36 00 |       | 845303 |
| 10351  | SHIRAZ'BN, IRAN      | 9008   | 10 09 | 15 23 41.22 | 20 02 30 | 36 06  |           |          |       | 434013 |
| 10352  | SHIRAZ'BN, IRAN      | 9008   | 10 09 | 17 18 53.31 | 20 24 06 | 6 41   |           |          |       | 434013 |
| 10354  | SAN FERNANDO'BN, SP. | 9004   | 10 09 | 18 57 09.90 | 19 30 54 | 15 46  |           |          |       | 434013 |
| 10355  | SAN FERNANDO'BN, SP. | 9004   | 10 09 | 20 52 46.40 | 20 30 54 | - 5 44 |           |          |       | 434013 |
| 10349  | CURACAO'BN, N.W.I.   | 9009   | 10 09 | 23 14 34.86 | 21 40 54 | 75 00  |           |          |       | 434013 |
| 10353  | CURACAO'BN, N.W.I.   | 9009   | 10 10 | 0 28 38.01  | 22 55 12 | 56 02  |           |          |       | 434013 |
| 10350  | ORGAN PASS'BN, N.M.  | 9001   | 10 10 | 2 10 10.50  | 19 57 18 | 21 08  |           |          |       | 434013 |
| 10357  | MAUI'BN, HAWAII      | 9012   | 10 10 | 5 47 38.98  | 21 57 18 | 46 38  |           |          |       | 434013 |
| 10363  | SHIRAZ'BN, IRAN      | 9008   | 10 10 | 16 36 13.42 | 20 43 48 | 8 12   |           |          |       | 434013 |
| 10358  | SAN FERNANDO'BN, SP. | 9004   | 10 10 | 20 08 47.40 | 19 54 48 | - 1 19 |           |          |       | 434013 |

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| 10359  | SAN FERNANDO'BN. SP.  | 9004   | 10 10 | 22 00 47.10 | 19 16 42 | -11 03 |           |          |       | 434013 |
| 10356  | CURACAO'BN. N.W.I.    | 9009   | 10 10 | 23 44 41.11 | 22 42 30 | 60 09  |           |          |       | 434013 |
| 10360  | WOOMERA'BN. AUSTR.    | 9003   | 10 11 | 16 23 20.54 | 2 49 00  | -34 20 |           |          |       | 434023 |
| 10361  | SAN FERNANDO'BN. SP.  | 9004   | 10 11 | 19 25 33.70 | 19 47 48 | 0 28   |           |          |       | 434013 |
| 10362  | SAN FERNANDO'BN. SP.  | 9004   | 10 11 | 21 19 40.30 | 19 52 42 | -16 47 |           |          |       | 434013 |
| 50013  | AIKEN, S.C.           | 6023   | 10 12 | 0 51 13.0   | 20 47 03 | -2 19  |           |          |       | 634042 |
| 30075  | CHINA LAKE, CAL.      | 0098   | 10 12 | 2 34 38.6   |          |        | 198 44 24 | 58 36 00 |       | 641303 |
| 10388  | MAUI'BN. HAWAII       | 9012   | 10 12 | 6 17 30.92  | 21 47 00 | 18 55  |           |          |       | 434013 |
| 10364  | WOOMERA'BN. AUSTR.    | 9003   | 10 12 | 17 42 43.45 | 7 05 12  | -34 48 |           |          |       | 434023 |
| 10366  | SAN FERNANDO'BN. SP.  | 9004   | 10 12 | 20 36 33.90 | 19 47 12 | -16 30 |           |          |       | 434013 |
| 50014  | AIKEN, S.C.           | 6023   | 10 13 | 0 06 55.6   | 20 07 00 | 3 30   |           |          |       | 634042 |
| 10365  | CURACAO'BN. N.W.I.    | 9009   | 10 13 | 0 13 56.21  | 22 35 06 | 37 11  |           |          |       | 434013 |
| 10386  | MAUI'BN. HAWAII       | 9012   | 10 13 | 5 34 27.33  | 22 12 18 | -20 39 |           |          |       | 434013 |
| 10387  | MAUI'BN. HAWAII       | 9012   | 10 13 | 7 25 46.60  | 19 23 36 | 0 29   |           |          |       | 434013 |
| 10372  | TOKYO'BN. JAPAN       | 9005   | 10 13 | 10 59 08.20 | 20 20 42 | -23 09 |           |          |       | 434023 |
| 50011  | LAREDO'RADAR, TEX.    | 4012   | 10 13 | 19 27 40.5  |          |        | 146 48 00 | 72 12 00 | 741   | 895307 |
| 10368  | CURACAO'BN. N.W.I.    | 9009   | 10 13 | 23 29 43.88 | 22 23 42 | 44 18  |           |          |       | 434013 |
| 10367  | CURACAO'BN. N.W.I.    | 9009   | 10 14 | 1 21 34.29  | 19 12 54 | 19 20  |           |          |       | 434013 |
| 10385  | MAUI'BN. HAWAII       | 9012   | 10 14 | 6 44 31.46  | 20 33 30 | -6 58  |           |          |       | 434013 |
| 10382  | VILLA DOLORES'BN. ARG | 9011   | 10 14 | 7 23 51.25  | 7 16 12  | -35 23 |           |          |       | 434023 |
| 10373  | NAINI TAL'BN. INDIA   | 9006   | 10 14 | 13 50 13.15 | 20 43 36 | -10 09 |           |          |       | 434013 |
| 10377  | SHIRAZ'BN. IRAN       | 9008   | 10 14 | 15 35 11.83 | 18 57 18 | 0 03   |           |          |       | 434013 |
| 10378  | SHIRAZ'BN. IRAN       | 9008   | 10 14 | 15 35 32.84 | 19 12 06 | -1 25  |           |          |       | 434013 |
| 10379  | SHIRAZ'BN. IRAN       | 9008   | 10 14 | 15 35 56.13 | 19 28 12 | -3 15  |           |          |       | 434013 |
| 10374  | NAINI TAL'BN. INDIA   | 9006   | 10 14 | 15 43 32.14 | 19 51 18 | -26 07 |           |          |       | 434023 |
| 10370  | WOOMERA'BN. AUSTR.    | 9003   | 10 14 | 18 09 17.98 | 5 27 30  | -46 44 |           |          |       | 434023 |
| 10381  | CURACAO'BN. N.W.I.    | 9009   | 10 15 | 0 41 44.72  | 21 38 06 | 5 41   |           |          |       | 434013 |
| 10389  | MAUI'BN. HAWAII       | 9012   | 10 15 | 6 02 22.02  | 21 33 30 | -10 35 |           |          |       | 434013 |
| 10383  | VILLA DOLORES'BN. ARG | 9011   | 10 15 | 6 40 35.84  | 6 41 30  | -33 32 |           |          |       | 434023 |
| 10384  | VILLA DOLORES'BN. ARG | 9011   | 10 15 | 8 30 50.70  | 1 48 12  | -28 07 |           |          |       | 434023 |
| 10375  | NAINI TAL'BN. INDIA   | 9006   | 10 15 | 13 06 42.65 | 20 50 18 | -5 56  |           |          |       | 434013 |
| 10380  | SHIRAZ'BN. IRAN       | 9008   | 10 15 | 14 52 13.70 | 19 18 06 | 0 43   |           |          |       | 434013 |
| 10376  | NAINI TAL'BN. INDIA   | 9006   | 10 15 | 15 00 37.65 | 20 00 24 | -28 24 |           |          |       | 434023 |
| 10370  | WOOMERA'BN. AUSTR.    | 9003   | 10 15 | 17 25 36.36 | 4 34 54  | -44 34 |           |          |       | 434023 |
| 50010  | LAREDO'RADAR, TEX.    | 4012   | 10 15 | 18 01 36.5  |          |        | 150 00 00 | 35 18 00 | 797   | 895307 |
| 10390  | MAUI'BN. HAWAII       | 9012   | 10 16 | 7 12 14.58  | 20 11 00 | -30 09 |           |          |       | 434023 |
| 50009  | LAREDO'RADAR, TEX.    | 4012   | 10 16 | 17 18 23.3  |          |        | 149 12 00 | 22 48 00 | 972   | 895307 |
| 10371  | WOOMERA'BN. AUSTR.    | 9003   | 10 16 | 18 37 19.24 | 7 00 48  | -32 18 |           |          |       | 434023 |
| 10391  | JUPITER'BN. FLA.      | 9010   | 10 17 | 1 03 11.22  | 19 48 00 | -28 33 |           |          |       | 434023 |
| 10394  | SHIRAZ'BN. IRAN       | 9008   | 10 17 | 15 20 21.88 | 19 36 12 | -25 44 |           |          |       | 434023 |
| 10392  | WOOMERA'BN. AUSTR.    | 9003   | 10 17 | 17 52 36.77 | 4 46 18  | -41 39 |           |          |       | 434023 |
| 10393  | WOOMERA'BN. AUSTR.    | 9003   | 10 19 | 10 35 02.24 | 23 31 18 | 34 15  |           |          |       | 434013 |
| 50012  | LAREDO'RADAR, TEX.    | 4012   | 10 19 | 17 01 52.5  |          |        | 148 24 00 | 52 30 00 | 470   | 895307 |
| 10395  | WOOMERA'BN. AUSTR.    | 9003   | 10 19 | 18 19 25.53 | 5 04 42  | -21 39 |           |          |       | 434013 |
| 10396  | AREQUIPA'BN. PERU     | 9007   | 10 20 | 0 57 45.83  | 23 57 06 | -2 48  |           |          |       | 434013 |
| 10397  | AREQUIPA'BN. PERU     | 9007   | 10 20 | 8 42 53.97  | 7 04 00  | -66 30 |           |          |       | 434023 |
| 10398  | WOOMERA'BN. AUSTR.    | 9003   | 10 20 | 17 35 05.71 | 4 29 48  | -29 35 |           |          |       | 434023 |
| 10400  | AREQUIPA'BN. PERU     | 9007   | 10 21 | 0 11 02.17  | 23 39 18 | 16 49  |           |          |       | 434013 |
| 10401  | AREQUIPA'BN. PERU     | 9007   | 10 21 | 2 05 10.81  | 21 04 30 | -20 06 |           |          |       | 434013 |
| 10399  | WOOMERA'BN. AUSTR.    | 9003   | 10 21 | 11 03 01.87 | 0 01 36  | 13 42  |           |          |       | 434013 |
| 50015  | LAREDO'RADAR, TEX.    | 4012   | 10 21 | 15 34 54.0  |          |        | 149 30 00 | 22 54 00 | 820   | 895307 |
| 10402  | WOOMERA'BN. AUSTR.    | 9003   | 10 21 | 16 52 25.33 | 5 59 36  | -25 24 |           |          |       | 434023 |
| 10403  | WOOMERA'BN. AUSTR.    | 9003   | 10 21 | 18 45 31.15 | 4 42 24  | 5 39   |           |          |       | 434013 |
| 10409  | AREQUIPA'BN. PERU     | 9007   | 10 22 | 1 22 11.32  | 22 08 06 | -24 32 |           |          |       | 434023 |
| 10410  | AREQUIPA'BN. PERU     | 9007   | 10 22 | 7 15 20.09  | 7 49 06  | -59 44 |           |          |       | 434023 |
| 10404  | WOOMERA'BN. AUSTR.    | 9003   | 10 22 | 10 17 31.70 | 23 22 42 | 21 12  |           |          |       | 434013 |
| 10405  | WOOMERA'BN. AUSTR.    | 9003   | 10 22 | 12 11 18.35 | 22 39 42 | -1 36  |           |          |       | 434013 |
| 30078  | PRETORIA, S.AFR.      | 6575   | 10 22 | 17 26 31.5  |          |        | 33 24     | 41 00    |       | 845303 |
| 10406  | WOOMERA'BN. AUSTR.    | 9003   | 10 22 | 18 01 04.32 | 4 19 18  | -5 12  |           |          |       | 434013 |
| 50016  | LAREDO'RADAR, TEX.    | 4012   | 10 22 | 18 38 09.8  |          |        | 2 18 00   | 31 36 00 | 800   | 895307 |
| 50017  | LAREDO'RADAR, TEX.    | 4012   | 10 22 | 20 32 11.3  |          |        | 21 30 00  | 60 12 00 | 745   | 895307 |
| 50018  | LAREDO'RADAR, TEX.    | 4012   | 10 22 | 22 26 11.0  |          |        | 202 42 00 | 49 06 00 | 1175  | 895307 |
| 10411  | AREQUIPA'BN. PERU     | 9007   | 10 23 | 0 36 55.50  | 21 43 24 | -13 39 |           |          |       | 434013 |
| 10412  | AREQUIPA'BN. PERU     | 9007   | 10 23 | 8 25 37.48  | 6 41 12  | -36 42 |           |          |       | 434023 |
| 10407  | WOOMERA'BN. AUSTR.    | 9003   | 10 23 | 11 27 59.29 | 23 21 18 | -2 07  |           |          |       | 434013 |
| 10408  | WOOMERA'BN. AUSTR.    | 9003   | 10 23 | 17 17 11.92 | 4 38 36  | -10 28 |           |          |       | 434013 |
| 10418  | AREQUIPA'BN. PERU     | 9007   | 10 23 | 23 54 01.70 | 23 00 00 | -15 57 |           |          |       | 434013 |
| 10414  | VILLA DOLORES'BN. ARG | 9011   | 10 23 | 23 56 44.06 | 23 00 48 | 12 43  |           |          |       | 434013 |
| 10419  | AREQUIPA'BN. PERU     | 9007   | 10 24 | 1 48 09.65  | 21 23 00 | -48 31 |           |          |       | 434023 |
| 10420  | AREQUIPA'BN. PERU     | 9007   | 10 24 | 7 39 53.74  | 4 56 48  | -52 20 |           |          |       | 434023 |
| 10415  | VILLA DOLORES'BN. ARG | 9011   | 10 24 | 7 40 05.93  | 3 46 30  | 10 09  |           |          |       | 434013 |
| 10413  | WOOMERA'BN. AUSTR.    | 9003   | 10 24 | 10 42 42.04 | 22 50 48 | 5 44   |           |          |       | 434013 |
| 10416  | WOOMERA'BN. AUSTR.    | 9003   | 10 24 | 12 38 35.20 | 23 33 48 | -27 25 |           |          |       | 434023 |
| 50019  | LAREDO'RADAR, TEX.    | 4012   | 10 24 | 17 10 28.5  |          |        | 357 24 00 | 30 00 00 | 670   | 895307 |
| 10417  | WOOMERA'BN. AUSTR.    | 9003   | 10 24 | 18 26 13.94 | 3 41 12  | 14 43  |           |          |       | 434013 |
| 50020  | LAREDO'RADAR, TEX.    | 4012   | 10 24 | 19 04 15.0  |          |        | 13 12 00  | 37 24 00 | 691   | 895307 |
| 10421  | AREQUIPA'BN. PERU     | 9007   | 10 25 | 1 01 47.08  | 20 13 24 | -35 43 |           |          |       | 434023 |
| 10423  | VILLA DOLORES'BN. ARG | 9011   | 10 25 | 1 02 50.49  | 20 31 18 | 4 22   |           |          |       | 434013 |
| 10424  | VILLA DOLORES'BN. ARG | 9011   | 10 25 | 1 12 34.05  | 2 38 18  | -22 12 |           |          |       | 434013 |
| 10422  | AREQUIPA'BN. PERU     | 9007   | 10 25 | 8 50 44.38  | 4 39 42  | 2 32   |           |          |       | 434013 |
| 10425  | WOOMERA'BN. AUSTR.    | 9003   | 10 25 | 11 54 43.13 | 0 10 12  | -26 10 |           |          |       | 434023 |

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| 10428  | AREQUIPA'BN, PERU     | 9007   | 10 26 | 8 06 21.17  | 4 54 00  | - 7 51 |           |          |       | 434023 |
| 10426  | WOOMERA'BN, AUSTR.    | 9003   | 10 26 | 11 07 51.36 | 22 28 24 | -14 57 |           |          |       | 434013 |
| 10427  | WOOMERA'BN, AUSTR.    | 9003   | 10 26 | 13 04 18.31 | 0 00 48  | -39 22 |           |          |       | 434023 |
| 10432  | OLIFANTSFNTN'BN,S.AF  | 9002   | 10 26 | 18 16 41.80 | 21 33 48 | -28 42 |           |          |       | 434023 |
| 10433  | OLIFANTSFNTN'BN,S.AF  | 9002   | 10 26 | 20 13 16.50 | 22 56 30 | -52 50 |           |          |       | 434023 |
| 10434  | OLIFANTSFNTN'BN,S.AF  | 9002   | 10 27 | 2 01 43.70  | 3 17 18  | 24 08  |           |          |       | 434013 |
| 10429  | WOOMERA'BN, AUSTR.    | 9003   | 10 27 | 10 22 27.73 | 21 59 24 | - 6 59 |           |          |       | 434013 |
| 10430  | WOOMERA'BN, AUSTR.    | 9003   | 10 27 | 12 18 43.96 | 23 21 30 | -36 56 |           |          |       | 434023 |
| 10435  | OLIFANTSFNTN'BN,S.AF  | 9002   | 10 27 | 17 32 32.01 | 22 11 36 | -27 10 |           |          |       | 434023 |
| 10436  | OLIFANTSFNTN'BN,S.AF  | 9002   | 10 27 | 19 27 59.06 | 22 36 00 | -51 45 |           |          |       | 434023 |
| 50021  | LAREDO'RADAR, TEX.    | 4012   | 10 27 | 20 39 04.5  |          |        | 202 00 00 | 32 00 00 | 975   | 895307 |
| 10431  | AREQUIPA'BN, PERU     | 9007   | 10 28 | 8 31 09.31  | 3 44 24  | 22 43  |           |          |       | 434013 |
| 10437  | WOOMERA'BN, AUSTR.    | 9003   | 10 28 | 13 26 54.02 | 22 18 54 | -35 50 |           |          |       | 434023 |
| 10438  | CURACAO'BN, N.W.I.    | 9009   | 10 29 | 7 52 04.38  | 7 49 00  | -40 48 |           |          |       | 434023 |
| 10440  | MAUI'BN, HAWAII       | 9012   | 10 29 | 15 09 23.51 | 8 59 30  | -22 22 |           |          |       | 434013 |
| 50022  | LAREDO'RADAR, TEX.    | 4012   | 10 29 | 17 17 08    |          |        | 15 00     | 31 54    | 630   | 895307 |
| 10439  | CURACAO'BN, N.W.I.    | 9009   | 10 30 | 9 01 14.19  | 6 53 48  | 5 40   |           |          |       | 434013 |
| 10441  | WOOMERA'BN, AUSTR.    | 9003   | 10 30 | 11 57 28.35 | 22 36 30 | -40 22 |           |          |       | 434023 |
| 10442  | WOOMERA'BN, AUSTR.    | 9003   | 10 31 | 11 13 47.69 | 0 06 30  | -40 26 |           |          |       | 434023 |
| 50023  | LAREDO'RADAR, TEX.    | 4012   | 10 31 | 13 54 30.0  |          |        | 355 18 00 | 51 36 00 | 710   | 895307 |
| 10443  | OLIFANTSFNTN'BN,S.AF  | 9002   | 10 31 | 18 21 46.73 | 21 55 06 | -56 55 |           |          |       | 434023 |
| 10444  | NAINI TAL'BN, INDIA   | 9006   | 10 31 | 22 39 56.33 | 8 29 42  | -31 34 |           |          |       | 434023 |
| 10446  | WOOMERA'BN, AUSTR.    | 9003   | 11 01 | 12 22 32.86 | 23 43 42 | -37 36 |           |          |       | 434023 |
| 50024  | LAREDO'RADAR, TEX.    | 4012   | 11 01 | 15 03 44    |          |        | 5 06      | 32 06    | 820   | 895307 |
| 10445  | OLIFANTSFNTN'BN,S.AF  | 9002   | 11 01 | 19 32 28.30 | 23 53 18 | -53 36 |           |          |       | 434023 |
| 10447  | CURACAO'BN, N.W.I.    | 9009   | 11 02 | 8 41 47.27  | 5 45 48  | 41 22  |           |          |       | 434013 |
| 50025  | LAREDO'RADAR, TEX.    | 4012   | 11 02 | 12 24 54.5  |          |        | 6 36      | 79 42    | 834   | 895307 |
| 50026  | LAREDO'RADAR, TEX.    | 4012   | 11 02 | 14 18 44    |          |        | 2 12      | 37 12    | 876   | 895307 |
| 50027  | LAREDO'RADAR, TEX.    | 4012   | 11 02 | 16 12 46    |          |        | 21 18     | 44 24    | 561   | 895307 |
| 10449  | NAINI TAL'BN, INDIA   | 9006   | 11 02 | 23 05 01.35 | 8 17 48  | - 7 53 |           |          |       | 434013 |
| 10448  | SAN FERNANDO'BN, SP.  | 9004   | 11 03 | 4 27 00.50  | 8 28 30  | -24 50 |           |          |       | 434023 |
| 10453  | JUPITER'BN, FLA.      | 9010   | 11 03 | 9 48 33.67  | 6 03 54  | - 2 48 |           |          |       | 434013 |
| 10454  | JUPITER'BN, FLA.      | 9010   | 11 03 | 9 49 22.28  | 6 56 18  | 3 09   |           |          |       | 434013 |
| 10455  | JUPITER'BN, FLA.      | 9010   | 11 03 | 9 50 57.57  | 9 02 54  | 15 00  |           |          |       | 434013 |
| 10450  | WOOMERA'BN, AUSTR.    | 9003   | 11 03 | 10 50 54.82 | 22 32 42 | -42 15 |           |          |       | 434023 |
| 50028  | LAREDO'RADAR, TEX.    | 4012   | 11 03 | 11 39 44    |          |        | 118 12    | 84 24    | 968   | 895307 |
| 10451  | WOOMERA'BN, AUSTR.    | 9003   | 11 03 | 12 46 43.24 | 0 06 36  | -23 00 |           |          |       | 434023 |
| 10459  | MAUI'BN, HAWAII       | 9012   | 11 03 | 15 12 19.67 | 5 28 06  | 41 23  |           |          |       | 434013 |
| 10456  | OLIFANTSFNTN'BN,S.AF  | 9002   | 11 03 | 19 56 24.80 | 0 01 48  | -39 42 |           |          |       | 434023 |
| 10457  | SHIRAZ'BN, IRAN       | 9008   | 11 04 | 0 06 57.82  | 7 36 42  | -14 08 |           |          |       | 434013 |
| 10452  | NAINI TAL'BN, INDIA   | 9006   | 11 04 | 0 12 45.56  | 6 13 42  | 21 18  |           |          |       | 434013 |
| 10458  | SHIRAZ'BN, IRAN       | 9008   | 11 04 | 2 01 01.47  | 7 23 42  | 28 34  |           |          |       | 434013 |
| 10466  | WOOMERA'BN, AUSTR.    | 9003   | 11 04 | 10 04 48.99 | 21 29 00 | -43 02 |           |          |       | 434023 |
| 10465  | WOOMERA'BN, AUSTR.    | 9003   | 11 04 | 12 00 39.93 | 23 32 48 | -28 37 |           |          |       | 434023 |
| 50029  | LAREDO'RADAR, TEX.    | 4012   | 11 04 | 12 48 51.5  |          |        | 357 24    | 53 00    | 973   | 895307 |
| 50030  | LAREDO'RADAR, TEX.    | 4012   | 11 04 | 14 43 05    |          |        | 12 42     | 40 12    | 804   | 895307 |
| 10460  | OLIFANTSFNTN'BN,S.AF  | 9002   | 11 04 | 17 14 34.67 | 21 30 18 | -62 21 |           |          |       | 434023 |
| 10461  | OLIFANTSFNTN'BN,S.AF  | 9002   | 11 04 | 19 11 01.95 | 0 16 24  | -43 47 |           |          |       | 434023 |
| 10470  | SHIRAZ'BN, IRAN       | 9008   | 11 05 | 1 15 52.49  | 7 27 24  | 21 14  |           |          |       | 434013 |
| 10473  | VILLA DOLORES'BN, ARG | 9011   | 11 05 | 2 23 30.63  | 23 22 18 | -10 17 |           |          |       | 434013 |
| 10463  | TOKYO'BN, JAPAN       | 9005   | 11 05 | 19 09 56.60 | 7 44 18  | - 4 14 |           |          |       | 434013 |
| 10469  | NAINI TAL'BN, INDIA   | 9006   | 11 05 | 22 43 52.73 | 8 27 18  | 19 16  |           |          |       | 434013 |
| 10471  | JUPITER'BN, FLA.      | 9010   | 11 06 | 9 28 18.44  | 7 20 12  | 34 28  |           |          |       | 434013 |
| 10472  | JUPITER'BN, FLA.      | 9010   | 11 06 | 9 30 21.71  | 10 22 48 | 37 58  |           |          |       | 434013 |
| 10468  | WOOMERA'BN, AUSTR.    | 9003   | 11 06 | 10 28 08.41 | 21 51 06 | -38 59 |           |          |       | 434023 |
| 10467  | WOOMERA'BN, AUSTR.    | 9003   | 11 06 | 12 23 43.43 | 23 23 00 | - 9 30 |           |          |       | 434013 |
| 10474  | MAUI'BN, HAWAII       | 9012   | 11 06 | 14 50 25.28 | 4 40 00  | 55 14  |           |          |       | 434013 |
| 10464  | TOKYO'BN, JAPAN       | 9005   | 11 06 | 18 24 14.80 | 7 12 54  | - 7 13 |           |          |       | 434013 |
| 10462  | OLIFANTSFNTN'BN,S.AF  | 9002   | 11 06 | 19 34 16.40 | 23 59 30 | -21 59 |           |          |       | 434013 |
| 10477  | SHIRAZ'BN, IRAN       | 9008   | 11 06 | 23 46 36.30 | 8 51 24  | 15 06  |           |          |       | 434013 |
| 10475  | CURACAO'BN, N.W.I.    | 9009   | 11 07 | 8 44 00.38  | 3 44 54  | 71 15  |           |          |       | 434013 |
| 10476  | JUPITER'BN, FLA.      | 9010   | 11 07 | 10 35 51.61 | 5 16 06  | 49 48  |           |          |       | 434013 |
| 10479  | JUPITER'BN, FLA.      | 9010   | 11 07 | 10 37 02.38 | 7 19 00  | 61 49  |           |          |       | 434013 |
| 10480  | JUPITER'BN, FLA.      | 9010   | 11 07 | 10 37 23.44 | 8 14 54  | 63 42  |           |          |       | 434013 |
| 10703  | MAUI'BN, HAWAII       | 9012   | 11 07 | 14 06 11.83 | 7 17 24  | 60 27  |           |          |       | 434013 |
| 10482  | TOKYO'BN, JAPAN       | 9005   | 11 07 | 19 32 38.00 | 7 18 12  | 12 12  |           |          |       | 434013 |
| 10476  | NAINI TAL'BN, INDIA   | 9006   | 11 07 | 23 05 44.27 | 6 39 18  | 38 20  |           |          |       | 434013 |
| 10512  | VILLA DOLORES'BN, ARG | 9011   | 11 08 | 0 04 40.99  | 21 03 18 | -26 47 |           |          |       | 434023 |
| 10483  | JUPITER'BN, FLA.      | 9010   | 11 08 | 9 51 00.37  | 6 39 42  | 53 57  |           |          |       | 434013 |
| 10484  | JUPITER'BN, FLA.      | 9010   | 11 08 | 9 53 30.67  | 11 22 00 | 50 28  |           |          |       | 434013 |
| 10481  | WOOMERA'BN, AUSTR.    | 9003   | 11 08 | 10 51 12.24 | 22 14 12 | -22 00 |           |          |       | 434013 |
| 10485  | MAUI'BN, HAWAII       | 9012   | 11 08 | 15 13 42.09 | 4 21 06  | 68 01  |           |          |       | 434013 |
| 10489  | VILLA DOLORES'BN, ARG | 9011   | 11 09 | 1 15 09.20  | 23 10 48 | 4 10   |           |          |       | 434013 |
| 10491  | WOOMERA'BN, AUSTR.    | 9003   | 11 09 | 10 07 09.02 | 0 00 42  | -17 49 |           |          |       | 434013 |
| 10486  | ORGAN PASS'BN, N.M.   | 9001   | 11 09 | 10 57 55.96 | 7 02 30  | 25 28  |           |          |       | 434013 |
| 10492  | WOOMERA'BN, AUSTR.    | 9003   | 11 09 | 12 00 25.59 | 22 58 36 | 7 40   |           |          |       | 434013 |
| 10487  | ORGAN PASS'BN, N.M.   | 9001   | 11 09 | 12 47 55.99 | 9 13 48  | 38 14  |           |          |       | 434013 |
| 10493  | MAUI'BN, HAWAII       | 9012   | 11 09 | 14 28 50.34 | 6 54 00  | 73 03  |           |          |       | 434013 |
| 10488  | NAINI TAL'BN, INDIA   | 9006   | 11 09 | 23 29 29.14 | 9 57 30  | 53 01  |           |          |       | 434013 |

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| 10522  | VILLA DOLORES'BN, ARG | 9011   | 11 10 | 2 21 10.20  | 22 00 30 | 14 31  |         |          |       | 434013 |
| 10510  | JUPITER'BN, FLA.      | 9010   | 11 10 | 10 13 13.47 | 6 14 36  | 59 38  |         |          |       | 434013 |
| 10511  | JUPITER'BN, FLA.      | 9010   | 11 10 | 10 14 28.03 | 9 01 54  | 63 09  |         |          |       | 434013 |
| 10495  | WOOMERA'BN, AUSTR.    | 9003   | 11 10 | 11 14 03.92 | 22 37 00 | 3 20   |         |          |       | 434013 |
| 10490  | ORGAN PASS'BN, N.M.   | 9001   | 11 10 | 11 58 32.90 | 4 36 18  | 25 05  |         |          |       | 434013 |
| 10500  | TOKYO'BN, JAPAN       | 9005   | 11 10 | 19 09 12.70 | 7 14 30  | 21 06  |         |          |       | 434013 |
| 30087  | MITAKA, JAPAN         | 0229   | 11 10 | 19 09 36.1  |          |        | 177 24  | 75 36    |       | 845303 |
| 10501  | MAINI TAL'BN, INOIA   | 9006   | 11 10 | 22 42 33.71 | 7 07 00  | 48 40  |         |          |       | 434013 |
| 10507  | SHIRAZ'BN, IRAN       | 9008   | 11 11 | 0 29 45.77  | 6 47 42  | 46 55  |         |          |       | 434013 |
| 10513  | VILLA DOLORES'BN, ARG | 9011   | 11 11 | 1 34 29.04  | 23 15 42 | 10 48  |         |          |       | 434013 |
| 30088  | MITAKA, JAPAN         | 0229   | 11 11 | 18 23 08.1  |          |        | 174 00  | 74 48    |       | 845303 |
| 10700  | TOKYO'BN, JAPAN       | 9005   | 11 11 | 18 23 27.10 | 7 26 00  | 21 04  |         |          |       | 434013 |
| 10502  | MAINI TAL'BN, INOIA   | 9006   | 11 11 | 21 59 09.12 | 10 11 18 | 36 37  |         |          |       | 434013 |
| 10503  | MAINI TAL'BN, INOIA   | 9006   | 11 11 | 23 50 52.28 | 7 56 24  | 50 33  |         |          |       | 434013 |
| 10498  | SAN FERNANDO'BN, SP.  | 9004   | 11 12 | 5 12 08.60  | 8 17 30  | 16 50  |         |          |       | 434013 |
| 30079  | DENVER, COLO.         | 8582   | 11 12 | 10 29 10.5  |          |        | 180 00  | 56 30    |       | 845303 |
| 30080  | CINCINNATI, OHIO      | 0050   | 11 12 | 10 34 31.6  | 8 07 54  | 4 37   |         |          |       | 845004 |
| 10496  | WOOMERA'BN, AUSTR.    | 9003   | 11 12 | 11 35 48.15 | 22 11 24 | 21 36  |         |          |       | 434013 |
| 10704  | MAINI TAL'BN, INOIA   | 9006   | 11 12 | 23 06 07.27 | 10 09 48 | 44 33  |         |          |       | 434013 |
| 10514  | VILLA DOLORES'BN, ARG | 9011   | 11 13 | 0 04 25.43  | 22 10 18 | 17 00  |         |          |       | 434013 |
| 10505  | AREQUIPA'BN, PERU     | 9007   | 11 13 | 0 06 06.78  | 1 26 18  | -26 30 |         |          |       | 434023 |
| 10508  | SHIRAZ'BN, IRAN       | 9008   | 11 13 | 1 52 05.35  | 7 58 24  | 49 25  |         |          |       | 434013 |
| 10506  | AREQUIPA'BN, PERU     | 9007   | 11 13 | 1 57 27.11  | 21 50 42 | 0 27   |         |          |       | 434013 |
| 10499  | SAN FERNANDO'BN, SP.  | 9004   | 11 13 | 4 25 05.50  | 7 14 18  | 19 57  |         |          |       | 434013 |
| 30081  | CINCINNATI, OHIO      | 0050   | 11 13 | 7 59 08     | 10 07 48 | 6 07   |         |          |       | 845004 |
| 10497  | WOOMERA'BN, AUSTR.    | 9003   | 11 13 | 10 49 19.75 | 21 48 48 | 19 27  |         |          |       | 434013 |
| 10515  | MAUI'BN, HAWAII       | 9012   | 11 13 | 15 13 37.82 | 9 36 48  | 72 24  |         |          |       | 434013 |
| 10517  | TOKYO'BN, JAPAN       | 9005   | 11 13 | 18 43 59.30 | 6 40 30  | 22 55  |         |          |       | 434013 |
| 10504  | MAINI TAL'BN, INOIA   | 9006   | 11 13 | 22 20 42.74 | 10 24 42 | 39 31  |         |          |       | 434013 |
| 10536  | SHIRAZ'BN, IRAN       | 9008   | 11 14 | 0 05 28.30  | 7 40 36  | 48 27  |         |          |       | 434013 |
| 10516  | SAN FERNANDO'BN, SP.  | 9004   | 11 14 | 5 32 54.60  | 7 50 24  | 8 09   |         |          |       | 434013 |
| 10520  | JUPITER'BN, FLA.      | 9010   | 11 14 | 9 02 29.22  | 7 08 48  | 57 36  |         |          |       | 434013 |
| 10521  | JUPITER'BN, FLA.      | 9010   | 11 14 | 9 05 14.66  | 10 47 12 | 44 39  |         |          |       | 434013 |
| 10509  | CURACAO'BN, N.W.I.    | 9009   | 11 14 | 9 05 15.26  | 5 19 30  | 82 21  |         |          |       | 434013 |
| 30082  | SACRAMENTO, CAL.      | 8517   | 11 14 | 12 40 50.2  |          |        | 180 00  | 56 20    |       | 841304 |
| 10527  | MAUI'BN, HAWAII       | 9012   | 11 14 | 14 25 03.63 | 5 24 06  | 70 50  |         |          |       | 434013 |
| 10518  | TOKYO'BN, JAPAN       | 9005   | 11 14 | 19 52 37.80 | 8 15 06  | 6 03   |         |          |       | 434013 |
| 10519  | MAINI TAL'BN, INOIA   | 9006   | 11 14 | 23 25 14.39 | 7 17 00  | 42 24  |         |          |       | 434013 |
| 10528  | SAN FERNANDO'BN, SP.  | 9004   | 11 15 | 4 45 59.80  | 7 18 18  | 14 24  |         |          |       | 434013 |
| 10523  | CURACAO'BN, N.W.I.    | 9009   | 11 15 | 8 18 55.00  | 7 57 00  | 83 22  |         |          |       | 434013 |
| 10524  | JUPITER'BN, FLA.      | 9010   | 11 15 | 10 06 43.69 | 4 04 30  | 38 02  |         |          |       | 434013 |
| 10525  | JUPITER'BN, FLA.      | 9010   | 11 15 | 10 10 47.57 | 8 21 48  | 45 41  |         |          |       | 434013 |
| 10526  | JUPITER'BN, FLA.      | 9010   | 11 15 | 10 14 31.74 | 12 13 18 | 16 58  |         |          |       | 434013 |
| 30083  | ALBUQUERQUE, N.M.     | 8579   | 11 15 | 11 58 20.2  |          |        | 180 00  | 62 42    |       | 845303 |
| 30084  | DENVER, COLO.         | 8592   | 11 15 | 11 58 40.5  |          |        | 180 00  | 41 45 00 |       | 845303 |
| 10529  | TOKYO'BN, JAPAN       | 9005   | 11 15 | 19 05 27.80 | 7 32 42  | 14 04  |         |          |       | 434013 |
| 10532  | SHIRAZ'BN, IRAN       | 9008   | 11 16 | 0 26 06.83  | 7 33 36  | 42 39  |         |          |       | 434013 |
| 10530  | SAN FERNANDO'BN, SP.  | 9004   | 11 16 | 5 53 27.00  | 7 43 24  | -6 04  |         |          |       | 434013 |
| 30085  | ALBUQUERQUE, N.M.     | 8579   | 11 16 | 11 11 00.7  |          |        | 180 00  | 70 34    |       | 845303 |
| 30086  | DENVER, COLO.         | 8592   | 11 16 | 11 11 32.8  |          |        | 180 00  | 49 45 00 |       | 845303 |
| 10533  | MAINI TAL'BN, INOIA   | 9006   | 11 16 | 21 56 10.14 | 11 00 30 | 22 20  |         |          |       | 434013 |
| 10534  | MAINI TAL'BN, INOIA   | 9006   | 11 16 | 23 48 25.93 | 10 00 06 | 6 05   |         |          |       | 434013 |
| 10535  | JUPITER'BN, FLA.      | 9010   | 11 17 | 10 32 20.16 | 9 11 06  | 14 41  |         |          |       | 434013 |
| 10537  | MAINI TAL'BN, INOIA   | 9006   | 11 17 | 22 01 50.38 | 10 01 36 | 12 12  |         |          |       | 434013 |
| 10538  | SHIRAZ'BN, IRAN       | 9008   | 11 18 | 0 46 54.49  | 7 58 36  | 24 16  |         |          |       | 434013 |
| 10542  | SAN FERNANDO'BN, SP.  | 9004   | 11 18 | 4 19 49.40  | 7 29 42  | 5 53   |         |          |       | 434013 |
| 10550  | MAUI'BN, HAWAII       | 9012   | 11 18 | 15 08 24.56 | 8 56 00  | 42 20  |         |          |       | 434013 |
| 10544  | MAINI TAL'BN, INOIA   | 9006   | 11 19 | 0 06 24.69  | 7 32 18  | -4 42  |         |          |       | 434013 |
| 10547  | CURACAO'BN, N.W.I.    | 9009   | 11 19 | 8 58 15.12  | 5 09 48  | 65 01  |         |          |       | 434013 |
| 10539  | ORGAN PASS'BN, N.M.   | 9001   | 11 19 | 10 44 02.60 | 7 28 42  | 15 49  |         |          |       | 434013 |
| 10540  | ORGAN PASS'BN, N.M.   | 9001   | 11 19 | 12 38 21.59 | 7 35 48  | -17 39 |         |          |       | 434013 |
| 10543  | TOKYO'BN, JAPAN       | 9005   | 11 19 | 19 45 58.90 | 7 34 30  | -17 38 |         |          |       | 434013 |
| 10545  | MAINI TAL'BN, INOIA   | 9006   | 11 19 | 23 19 10.65 | 7 29 36  | 3 28   |         |          |       | 434013 |
| 10548  | CURACAO'BN, N.W.I.    | 9009   | 11 20 | 0 25 07.01  | 0 30 48  | -13 37 |         |          |       | 434013 |
| 10546  | SHIRAZ'BN, IRAN       | 9008   | 11 20 | 1 06 20.35  | 12 15 00 | 3 40   |         |          |       | 434013 |
| 10549  | JUPITER'BN, FLA.      | 9010   | 11 20 | 10 05 31.65 | 8 43 12  | -5 12  |         |          |       | 434013 |
| 10541  | ORGAN PASS'BN, N.M.   | 9001   | 11 20 | 11 47 45.50 | 5 22 00  | 3 43   |         |          |       | 434013 |
| 10551  | MAUI'BN, HAWAII       | 9012   | 11 20 | 13 34 30.49 | 9 34 24  | 44 39  |         |          |       | 434013 |
| 10552  | MAUI'BN, HAWAII       | 9012   | 11 20 | 15 28 24.15 | 8 11 06  | 10 19  |         |          |       | 434013 |
| 10554  | CURACAO'BN, N.W.I.    | 9009   | 11 20 | 23 37 59.56 | 0 47 42  | -24 40 |         |          |       | 434023 |
| 10553  | SHIRAZ'BN, IRAN       | 9008   | 11 21 | 0 18 51.68  | 7 03 42  | 11 04  |         |          |       | 434013 |
| 10557  | JUPITER'BN, FLA.      | 9010   | 11 21 | 9 16 40.25  | 7 29 12  | 12 38  |         |          |       | 434013 |
| 10558  | JUPITER'BN, FLA.      | 9010   | 11 21 | 9 17 08.26  | 7 52 00  | 10 00  |         |          |       | 434013 |
| 10559  | JUPITER'BN, FLA.      | 9010   | 11 21 | 9 19 25.73  | 9 32 48  | -3 11  |         |          |       | 434013 |
| 10555  | CURACAO'BN, N.W.I.    | 9009   | 11 21 | 9 22 07.84  | 9 15 24  | 36 17  |         |          |       | 434013 |
| 30089  | PUEBLA, MEX.          | 0900   | 11 21 | 11 07 18.2  | 8 39 24  | 17 40  |         |          |       | 845043 |
| 10556  | MAINI TAL'BN, INOIA   | 9006   | 11 21 | 23 38 09.15 | 6 43 18  | -13 02 |         |          |       | 434013 |
| 10561  | JUPITER'BN, FLA.      | 9010   | 11 22 | 0 43 53.02  | 1 05 42  | -31 32 |         |          |       | 434023 |
| 10560  | ORGAN PASS'BN, N.M.   | 9001   | 11 22 | 12 09 18.17 | 6 30 06  | -19 34 |         |          |       | 434013 |
| 10565  | JUPITER'BN, FLA.      | 9010   | 11 22 | 23 57 06.34 | 1 19 30  | -33 51 |         |          |       | 434023 |
| 10566  | JUPITER'BN, FLA.      | 9010   | 11 22 | 23 58 08.67 | 1 52 30  | -27 00 |         |          |       | 434023 |

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| 10562  | SHIRAZ'BN, IRAN       | 9008   | 11 23 | 0 38 22.55  | 6 51 54  | -9 58  |           |          |       | 434013 |
| 30090  | PUEBLA, MEX.          | 0900   | 11 23 | 1 44 14.5   | 23 37 24 | -22 49 |           |          |       | 845043 |
| 30091  | EOIMBURG, TEX.        | 0066   | 11 23 | 1 45 57.2   |          |        | 156       | 32       |       | 845303 |
| 30092  | EOIMBURG, TEX.        | 0066   | 11 23 | 1 46 31.3   |          |        | 148       | 33 10    |       | 845303 |
| 10567  | JUPITER'BN, FLA.      | 9010   | 11 23 | 9 33 56.33  | 5 49 00  | 1 20   |           |          |       | 434013 |
| 10568  | JUPITER'BN, FLA.      | 9010   | 11 23 | 9 35 36.16  | 6 48 18  | -6 00  |           |          |       | 434013 |
| 10564  | CURACAO'BN, N.W.I.    | 9009   | 11 23 | 9 40 49.90  | 7 35 06  | 5 22   |           |          |       | 434013 |
| 10563  | ORGAN PASS'BN, N.M.   | 9001   | 11 23 | 11 22 33.92 | 6 44 06  | -18 36 |           |          |       | 434013 |
| 10570  | NAINI TAL'BN, INOIA   | 9006   | 11 23 | 14 17 22.97 | 22 51 48 | -26 56 |           |          |       | 434023 |
| 10571  | NAINI TAL'BN, INOIA   | 9006   | 11 23 | 22 06 44.86 | 8 16 36  | -13 12 |           |          |       | 434013 |
| 10573  | JUPITER'BN, FLA.      | 9010   | 11 25 | 0 14 51.55  | 23 41 36 | -28 47 |           |          |       | 434023 |
| 10574  | JUPITER'BN, FLA.      | 9010   | 11 25 | 0 16 56.06  | 1 26 54  | -12 50 |           |          |       | 434013 |
| 10572  | CURACAO'BN, N.W.I.    | 9009   | 11 25 | 0 17 27.38  | 22 46 06 | 54 43  |           |          |       | 434013 |
| 10575  | JUPITER'BN, FLA.      | 9010   | 11 25 | 0 17 50.39  | 2 05 42  | -6 18  |           |          |       | 434013 |
| 10578  | JUPITER'BN, FLA.      | 9010   | 11 25 | 9 55 24.72  | 6 52 00  | -30 00 |           |          |       | 434023 |
| 10579  | JUPITER'BN, FLA.      | 9010   | 11 25 | 9 56 33.69  | 7 26 36  | -35 19 |           |          |       | 434023 |
| 10576  | ORGAN PASS'BN, N.M.   | 9001   | 11 25 | 11 41 53.50 | 6 39 00  | -32 19 |           |          |       | 434023 |
| 10580  | MAUI'BN, HAWAII       | 9012   | 11 25 | 15 19 39.65 | 7 04 42  | -31 42 |           |          |       | 434023 |
| 10581  | MAUI'BN, HAWAII       | 9012   | 11 26 | 4 51 34.27  | 0 57 18  | 3 28   |           |          |       | 434013 |
| 10582  | MAUI'BN, HAWAII       | 9012   | 11 26 | 14 31 54.51 | 7 09 30  | -26 59 |           |          |       | 434023 |
| 10583  | ORGAN PASS'BN, N.M.   | 9001   | 11 30 | 1 52 48.69  | 23 29 00 | -2 00  |           |          |       | 434013 |
| 10584  | NAINI TAL'BN, INOIA   | 9006   | 11 30 | 12 33 31.64 | 23 26 12 | -9 58  |           |          |       | 434013 |
| 10586  | NAINI TAL'BN, INOIA   | 9006   | 12 01 | 13 40 36.50 | 1 36 18  | 39 37  |           |          |       | 434013 |
| 10585  | SAN FERNANDO'BN, SP.  | 9004   | 12 01 | 19 00 35.50 | 23 56 36 | -7 32  |           |          |       | 434013 |
| 10588  | NAINI TAL'BN, INOIA   | 9006   | 12 02 | 12 51 42.84 | 23 39 42 | 28 17  |           |          |       | 434013 |
| 10587  | SAN FERNANDO'BN, SP.  | 9004   | 12 02 | 18 12 43.30 | 23 41 36 | -17 17 |           |          |       | 434013 |
| 30093  | SACRAMENTO, CAL.      | B590   | 12 04 | 2 24 48.4   | 22 56 30 | -12 59 |           |          |       | 845013 |
| 10591  | NAINI TAL'BN, INOIA   | 9006   | 12 05 | 14 12 53.65 | 20 38 48 | 46 24  |           |          |       | 434013 |
| 10589  | WOOMERA'BN, AUSTR.    | 9003   | 12 05 | 18 34 20.63 | 9 58 48  | -2 33  |           |          |       | 434013 |
| 10592  | WOOMERA'BN, AUSTR.    | 9003   | 12 06 | 17 45 08.72 | 9 35 48  | 2 55   |           |          |       | 434013 |
| 30094  | SACRAMENTO, CAL.      | B517   | 12 08 | 2 58 21.4   |          |        | 180 00    | 45 14    |       | 641304 |
| 30095  | HIGASHIMATSUYAMA, JAP | 0210   | 12 08 | 8 18 34.5   |          |        | 180 00    | 62 06    |       | 845302 |
| 10593  | JUPITER'BN, FLA.      | 9010   | 12 11 | 0 28 04.36  | 21 32 30 | 44 02  |           |          |       | 434013 |
| 50032  | LAREDO RADAR, TEXAS   | 4012   | 12 12 | 21 06 09.00 |          |        | 0 42 00   | 47 36 00 | 468   | 895307 |
| 50031  | LAREDO RADAR, TEXAS   | 4012   | 12 13 | 20 14 46.5  |          |        | 256 48 00 | 16 54 00 | 1045  | 895307 |
| 10594  | WOOMERA'BN, AUSTR.    | 9003   | 12 14 | 16 47 56.45 | 6 17 30  | -25 06 |           |          |       | 434023 |
| 10595  | WOOMERA'BN, AUSTR.    | 9003   | 12 14 | 16 49 31.24 | 7 36 24  | -30 29 |           |          |       | 434023 |
| 10596  | WOOMERA'BN, AUSTR.    | 9003   | 12 14 | 18 44 41.42 | 8 38 48  | -40 07 |           |          |       | 434023 |
| 10597  | WOOMERA'BN, AUSTR.    | 9003   | 12 14 | 18 45 46.63 | 9 44 06  | -39 50 |           |          |       | 434023 |
| 50033  | LAREDO RADAR, TEX.    | 4012   | 12 15 | 1 07 37.5   |          |        | 187 36    | 59 24    | 720   | 895307 |
| 10598  | VILLA OLORES'BN, ARG  | 9011   | 12 15 | 5 14 36.50  | 6 31 06  | -13 15 |           |          |       | 434013 |
| 10599  | VILLA OLORES'BN, ARG  | 9011   | 12 15 | 5 14 40.50  | 6 34 24  | -13 31 |           |          |       | 434013 |
| 10600  | VILLA OLORES'BN, ARG  | 9011   | 12 15 | 5 14 53.17  | 6 43 30  | -14 20 |           |          |       | 434013 |
| 10621  | SHIRAZ'BN, IRAN       | 9008   | 12 16 | 14 36 32.86 | 21 59 00 | -22 54 |           |          |       | 434013 |
| 10622  | SHIRAZ'BN, IRAN       | 9008   | 12 16 | 14 36 41.26 | 22 14 54 | -24 23 |           |          |       | 434023 |
| 10623  | SHIRAZ'BN, IRAN       | 9008   | 12 16 | 14 36 48.63 | 22 33 06 | -25 57 |           |          |       | 434023 |
| 10607  | WOOMERA'BN, AUSTR.    | 9003   | 12 16 | 17 01 58.54 | 6 07 54  | -34 58 |           |          |       | 434023 |
| 10601  | ORGAN PASS'BN, N.M.   | 9001   | 12 17 | 1 18 45.00  | 21 34 24 | -32 29 |           |          |       | 434023 |
| 10633  | MAUI'BN, HAWAII       | 9012   | 12 17 | 4 55 54.37  | 22 36 06 | 7 26   |           |          |       | 434013 |
| 10634  | MAUI'BN, HAWAII       | 9012   | 12 17 | 4 56 22.48  | 23 55 18 | -2 04  |           |          |       | 434013 |
| 10627  | VILLA OLORES'BN, ARG  | 9011   | 12 17 | 5 29 26.34  | 7 08 00  | -30 20 |           |          |       | 434023 |
| 10628  | VILLA OLORES'BN, ARG  | 9011   | 12 17 | 5 32 16.74  | 9 32 00  | -30 20 |           |          |       | 434023 |
| 10629  | VILLA OLORES'BN, ARG  | 9011   | 12 17 | 5 34 52.68  | 10 59 00 | -25 10 |           |          |       | 434023 |
| 10630  | VILLA OLORES'BN, ARG  | 9011   | 12 17 | 7 22 10.08  | 6 13 24  | -33 21 |           |          |       | 434023 |
| 10610  | AREQUIPA'BN, PERU     | 9007   | 12 17 | 7 22 19.34  | 7 14 54  | -73 41 |           |          |       | 434023 |
| 10611  | AREQUIPA'BN, PERU     | 9007   | 12 17 | 7 22 27.40  | 7 28 54  | -73 54 |           |          |       | 434023 |
| 10612  | AREQUIPA'BN, PERU     | 9007   | 12 17 | 7 22 35.45  | 7 43 12  | -74 00 |           |          |       | 434023 |
| 10631  | VILLA OLORES'BN, ARG  | 9011   | 12 17 | 7 23 24.97  | 7 14 00  | -36 07 |           |          |       | 434023 |
| 10632  | VILLA OLORES'BN, ARG  | 9011   | 12 17 | 7 26 02.46  | 9 40 18  | -34 55 |           |          |       | 434023 |
| 10608  | WOOMERA'BN, AUSTR.    | 9003   | 12 17 | 14 13 45.73 | 7 56 30  | -37 13 |           |          |       | 434023 |
| 10609  | WOOMERA'BN, AUSTR.    | 9003   | 12 17 | 18 08 30.46 | 8 42 30  | -37 49 |           |          |       | 434023 |
| 10613  | AREQUIPA'BN, PERU     | 9007   | 12 18 | 6 27 16.16  | 2 37 48  | -53 19 |           |          |       | 434023 |
| 10614  | AREQUIPA'BN, PERU     | 9007   | 12 18 | 6 32 04.71  | 7 48 12  | -74 33 |           |          |       | 434023 |
| 10615  | AREQUIPA'BN, PERU     | 9007   | 12 18 | 8 29 43.23  | 11 35 48 | -62 47 |           |          |       | 434023 |
| 10616  | AREQUIPA'BN, PERU     | 9007   | 12 18 | 8 32 01.43  | 13 10 54 | -49 23 |           |          |       | 434023 |
| 10604  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 18 | 22 29 10.14 | 5 07 06  | -47 22 |           |          |       | 434023 |
| 10605  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 18 | 22 31 04.42 | 7 28 54  | -51 06 |           |          |       | 434023 |
| 10606  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 18 | 22 32 03.10 | 8 33 00  | -49 25 |           |          |       | 434023 |
| 10624  | CURACAO'BN, N.W.I.    | 9009   | 12 18 | 23 51 47.04 | 23 43 08 | -30 51 |           |          |       | 434023 |
| 10625  | CURACAO'BN, N.W.I.    | 9009   | 12 18 | 23 51 54.98 | 23 58 36 | -32 52 |           |          |       | 434023 |
| 10626  | CURACAO'BN, N.W.I.    | 9009   | 12 18 | 23 52 12.45 | 0 32 12  | -36 39 |           |          |       | 434023 |
| 10617  | AREQUIPA'BN, PERU     | 9007   | 12 19 | 5 38 54.03  | 3 25 12  | -67 09 |           |          |       | 434023 |
| 10635  | VILLA OLORES'BN, ARG  | 9011   | 12 19 | 5 39 18.43  | 3 56 36  | -25 06 |           |          |       | 434023 |
| 10618  | AREQUIPA'BN, PERU     | 9007   | 12 19 | 5 40 24.49  | 5 37 24  | -74 00 |           |          |       | 434023 |
| 10619  | AREQUIPA'BN, PERU     | 9007   | 12 19 | 5 42 36.71  | 9 36 00  | -70 52 |           |          |       | 434023 |

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|--------|----------------------|--------|-------|-------------|----------|--------|-----------|----------|-------|--------|
| 10636  | VILLA DOLORES'BN,ARG | 9011   | 12 19 | 5 43 31.24  | 7 40 30  | -37 30 |           |          |       | 434023 |
| 10637  | VILLA DOLORES'BN,ARG | 9011   | 12 19 | 5 50 43.03  | 11 57 36 | -17 30 |           |          |       | 434013 |
| 10620  | AREQUIPA'BN, PERU    | 9007   | 12 19 | 7 37 59.89  | 10 25 36 | -68 29 |           |          |       | 434023 |
| 10638  | VILLA DOLORES'BN,ARG | 9011   | 12 19 | 7 39 51.00  | 8 48 36  | -25 26 |           |          |       | 434023 |
| 10639  | WOOMERA'BN, AUSTR.   | 9003   | 12 19 | 16 26 46.69 | 7 30 12  | -41 08 |           |          |       | 434023 |
| 10640  | WOOMERA'BN, AUSTR.   | 9003   | 12 19 | 16 28 03.82 | 8 48 42  | -39 05 |           |          |       | 434023 |
| 50034  | LAREDO'RAOAR, TEX.   | 4012   | 12 19 | 17 13 47.3  |          |        | 140 36 00 | 63 36 00 | 788   | 895307 |
| 10643  | VILLA DOLORES'BN,ARG | 9011   | 12 20 | 4 48 45.54  | 3 21 24  | -21 19 |           |          |       | 434013 |
| 10641  | AREQUIPA'BN, PERU    | 9007   | 12 20 | 4 49 09.33  | 4 08 54  | -72 20 |           |          |       | 434023 |
| 10642  | AREQUIPA'BN, PERU    | 9007   | 12 20 | 4 49 17.32  | 4 24 00  | -72 53 |           |          |       | 434023 |
| 10644  | VILLA DOLORES'BN,ARG | 9011   | 12 20 | 4 52 17.28  | 6 37 30  | -35 27 |           |          |       | 434023 |
| 10645  | VILLA DOLORES'BN,ARG | 9011   | 12 20 | 4 57 14.20  | 10 26 48 | -25 40 |           |          |       | 434023 |
| 10646  | VILLA DOLORES'BN,ARG | 9011   | 12 20 | 6 42 52.17  | 4 23 30  | -27 20 |           |          |       | 434023 |
| 10647  | VILLA DOLORES'BN,ARG | 9011   | 12 20 | 6 48 08.06  | 8 38 48  | -32 28 |           |          |       | 434023 |
| 10648  | VILLA DOLORES'BN,ARG | 9011   | 12 20 | 6 51 16.92  | 10 56 36 | -20 35 |           |          |       | 434013 |
| 10649  | VILLA DOLORES'BN,ARG | 9011   | 12 21 | 4 01 35.77  | 6 05 18  | -31 27 |           |          |       | 434023 |
| 10650  | VILLA DOLORES'BN,ARG | 9011   | 12 21 | 7 51 48.25  | 8 35 48  | -15 29 |           |          |       | 434013 |
| 10651  | OLIFANTSFNTN'BN,S.AF | 9002   | 12 22 | 1 45 52.68  | 10 18 30 | -17 25 |           |          |       | 434013 |
| 10652  | OLIFANTSFNTN'BN,S.AF | 9002   | 12 22 | 1 47 45.08  | 11 27 30 | -7 34  |           |          |       | 434013 |
| 10653  | WOOMERA'BN, AUSTR.   | 9003   | 12 22 | 13 53 56.14 | 5 02 00  | -32 42 |           |          |       | 434023 |
| 10654  | WOOMERA'BN, AUSTR.   | 9003   | 12 22 | 15 49 15.82 | 7 07 30  | -40 40 |           |          |       | 434023 |
| 10655  | WOOMERA'BN, AUSTR.   | 9003   | 12 22 | 17 44 54.99 | 8 38 30  | -17 15 |           |          |       | 434013 |
| 50035  | LAREDO'RAOAR, TEX.   | 4012   | 12 22 | 18 31 10.0  |          |        | 3 42 00   | 40 48 00 | 880   | 895307 |
| 10656  | OLIFANTSFNTN'BN,S.AF | 9002   | 12 22 | 19 06 01.02 | 2 02 24  | 6 20   |           |          |       | 434013 |
| 10657  | OLIFANTSFNTN'BN,S.AF | 9002   | 12 22 | 19 08 13.47 | 5 00 48  | -14 21 |           |          |       | 434013 |
| 10660  | OLIFANTSFNTN'BN,S.AF | 9002   | 12 22 | 22 56 41.76 | 6 08 00  | -58 52 |           |          |       | 434023 |
| 10661  | OLIFANTSFNTN'BN,S.AF | 9002   | 12 22 | 22 58 21.12 | 8 32 24  | -54 42 |           |          |       | 434023 |
| 10664  | VILLA DOLORES'BN,ARG | 9011   | 12 23 | 4 13 48.75  | 4 53 30  | -37 15 |           |          |       | 434023 |
| 10665  | VILLA DOLORES'BN,ARG | 9011   | 12 23 | 4 15 59.30  | 7 36 06  | -36 52 |           |          |       | 434023 |
| 10667  | WOOMERA'BN, AUSTR.   | 9003   | 12 23 | 13 03 31.15 | 4 42 54  | -25 14 |           |          |       | 434023 |
| 10668  | WOOMERA'BN, AUSTR.   | 9003   | 12 23 | 16 53 45.93 | 8 07 42  | -24 35 |           |          |       | 434023 |
| 10683  | OLIFANTSFNTN'BN,S.AF | 9002   | 12 23 | 22 05 50.70 | 5 28 24  | -61 42 |           |          |       | 434023 |
| 10684  | OLIFANTSFNTN'BN,S.AF | 9002   | 12 23 | 22 07 55.19 | 8 41 18  | -54 32 |           |          |       | 434023 |
| 10685  | OLIFANTSFNTN'BN,S.AF | 9002   | 12 24 | 0 01 27.37  | 7 42 00  | -44 11 |           |          |       | 434023 |
| 10686  | OLIFANTSFNTN'BN,S.AF | 9002   | 12 24 | 0 03 17.20  | 9 28 24  | -35 38 |           |          |       | 434023 |
| 10672  | VILLA DOLORES'BN,ARG | 9011   | 12 24 | 1 29 11.14  | 3 35 12  | 3 42   |           |          |       | 434013 |
| 10673  | VILLA DOLORES'BN,ARG | 9011   | 12 24 | 1 33 49.35  | 7 48 36  | -14 22 |           |          |       | 434013 |
| 10676  | VILLA DOLORES'BN,ARG | 9011   | 12 24 | 5 18 21.95  | 6 32 48  | -33 57 |           |          |       | 434023 |
| 10677  | VILLA DOLORES'BN,ARG | 9011   | 12 24 | 5 22 36.80  | 10 03 30 | -17 10 |           |          |       | 434013 |
| 10674  | VILLA DOLORES'BN,ARG | 9011   | 12 24 | 7 11 19.97  | 6 18 00  | -13 00 |           |          |       | 434013 |
| 10669  | AREQUIPA'BN, PERU    | 9007   | 12 24 | 7 12 07.39  | 7 39 42  | -60 17 |           |          |       | 434023 |
| 10670  | AREQUIPA'BN, PERU    | 9007   | 12 24 | 7 14 30.16  | 10 10 54 | -50 22 |           |          |       | 434023 |
| 10671  | AREQUIPA'BN, PERU    | 9007   | 12 24 | 9 08 40.96  | 8 54 36  | -14 49 |           |          |       | 434013 |
| 10678  | VILLA DOLORES'BN,ARG | 9011   | 12 26 | 1 41 42.79  | 2 23 12  | -15 56 |           |          |       | 434013 |
| 10679  | VILLA DOLORES'BN,ARG | 9011   | 12 26 | 1 44 25.98  | 6 35 12  | -25 30 |           |          |       | 434023 |
| 10680  | VILLA DOLORES'BN,ARG | 9011   | 12 26 | 3 34 37.03  | 2 22 30  | -32 08 |           |          |       | 434023 |
| 10681  | VILLA DOLORES'BN,ARG | 9011   | 12 26 | 3 39 14.24  | 8 22 42  | -30 12 |           |          |       | 434023 |
| 10682  | VILLA DOLORES'BN,ARG | 9011   | 12 26 | 7 30 57.62  | 10 08 00 | 25 44  |           |          |       | 434013 |
| 10689  | VILLA DOLORES'BN,ARG | 9011   | 12 27 | 0 55 02.76  | 7 00 36  | -17 22 |           |          |       | 434013 |
| 10690  | VILLA DOLORES'BN,ARG | 9011   | 12 27 | 2 44 46.59  | 2 13 48  | -34 11 |           |          |       | 434023 |
| 10687  | SAN FERNANDO'BN, SP. | 9004   | 12 28 | 6 16 31.50  | 14 43 18 | -19 32 |           |          |       | 434013 |
| 10688  | WOOMERA'BN, AUSTR.   | 9003   | 12 28 | 18 24 15.92 | 8 14 30  | 34 00  |           |          |       | 434013 |
| 50036  | LAREDO'RAOAR, TEX.   | 4012   | 12 28 | 19 10 48    |          |        | 97 54 00  | 81 00 00 | 670   | 895307 |
| 10691  | JUPITER'BN, FLA.     | 9010   | 12 29 | 10 42 54.06 | 11 22 36 | -22 10 |           |          |       | 434013 |
| 10692  | JUPITER'BN, FLA.     | 9010   | 12 29 | 10 43 36.59 | 11 45 36 | -19 40 |           |          |       | 434013 |
| 10694  | WOOMERA'BN, AUSTR.   | 9003   | 12 29 | 11 48 08.55 | 3 33 00  | -45 32 |           |          |       | 434023 |
| 10695  | WOOMERA'BN, AUSTR.   | 9003   | 12 29 | 13 41 05.70 | 3 33 06  | -40 09 |           |          |       | 434023 |
| 10693  | MAUI'BN, HAWAII      | 9012   | 12 29 | 16 07 24.18 | 12 29 30 | 12 10  |           |          |       | 434013 |
| 50038  | LAREDO'RAOAR, TEX.   | 4012   | 12 29 | 16 25 58.5  |          |        | 8 42 00   | 74 30 00 | 1320  | 895307 |
| 50037  | LAREDO'RAOAR, TEX.   | 4012   | 12 29 | 18 20 16    |          |        | 38 06 00  | 70 42 00 | 849   | 895307 |
| 10697  | CURACAO'BN, N.W.I.   | 9009   | 12 30 | 9 54 37.89  | 10 45 54 | 27 36  |           |          |       | 434013 |
| 10696  | SHIRAZ'BN, IRAN      | 9008   | 12 31 | 2 02 31.14  | 12 56 36 | 1 46   |           |          |       | 434013 |
| 30096  | CINCINNATI, OHIO     | 0050   | 12 31 | 8 59 03.3   | 12 58 00 | -28 12 |           |          |       | 845004 |
| 10699  | MAUI'BN, HAWAII      | 9012   | 12 31 | 14 25 19.31 | 12 39 54 | -2 83  |           |          |       | 434013 |

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|--------|----------------------|--------|------|-------------|----------|--------|---------|----------|-------|--------|
| 00892  | VILLA DOLORES'BN,ARG | 9011   | 6 11 | 8 41 33.95  | 22 20 00 | -38 26 |         |          |       | 434023 |
| 30020  | SACRAMENTO, CAL.     | 8517   | 7 27 | 4 44 38.5   |          |        | 180 00  | 40 14    |       | 641304 |
| 50005  | ROCHESTER, N.Y.      | 5050   | 7 30 | 2 57 23.6   | 15 40 30 | -13 12 |         |          |       | 637004 |
| 10125  | VILLA DOLORES'BN,ARG | 9011   | 8 03 | 10 06 27.00 | 3 09 18  | -23 39 |         |          |       | 434023 |
| 10162  | TOKYO'BN, JAPAN      | 9005   | 8 08 | 11 50 21.30 | 15 57 36 | -16 55 |         |          |       | 434013 |
| 10207  | VILLA DOLORES'BN,ARG | 9011   | 8 24 | 23 30 57.58 | 16 25 12 | 23 07  |         |          |       | 434013 |

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|--------|----------------------|--------|------|-------------|----------|--------|---------|----------|-------|--------|
| 10180  | MAUI'BN, HAWAII      | 9012   | 9 01 | 6 13 51.08  | 18 04 48 | 6 37   |         |          |       | 434013 |
| 10181  | SHIRAZ'BN, IRAN      | 9008   | 9 01 | 17 49 39.41 | 16 41 48 | -20 28 |         |          |       | 434013 |
| 10184  | WOOMERA'BN, AUSTR.   | 9003   | 9 02 | 19 48 32.93 | 3 35 30  | -31 00 |         |          |       | 434023 |
| 10186  | CURACAO'BN, N.W.I.   | 9009   | 9 02 | 23 42 14.80 | 18 09 06 | 27 40  |         |          |       | 434013 |
| 10182  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 03 | 2 43 44.30  | 6 30 30  | -54 30 |         |          |       | 434023 |
| 10188  | VILLA OLORES'BN,ARG  | 9011   | 9 03 | 9 41 06.57  | 4 56 18  | -3 18  |         |          |       | 434013 |
| 10187  | CURACAO'BN, N.W.I.   | 9009   | 9 04 | 1 12 18.28  | 18 01 36 | -12 50 |         |          |       | 434013 |
| 10189  | VILLA OLORES'BN,ARG  | 9011   | 9 04 | 8 41 37.49  | 4 05 48  | -25 42 |         |          |       | 434023 |
| 10185  | WOOMERA'BN, AUSTR.   | 9003   | 9 05 | 19 17 44.92 | 3 20 48  | -21 49 |         |          |       | 434013 |
| 10190  | VILLA OLORES'BN,ARG  | 9011   | 9 06 | 9 09 55.72  | 4 06 36  | 4 57   |         |          |       | 434013 |
| 10191  | WOOMERA'BN, AUSTR.   | 9003   | 9 07 | 19 45 39.40 | 2 48 12  | 7 58   |         |          |       | 434013 |
| 10192  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 08 | 18 18 24.40 | 20 22 54 | 25 21  |         |          |       | 434013 |
| 10193  | AREQUIPA'BN, PERU    | 9007   | 9 09 | 1 14 14.56  | 20 08 18 | 2 13   |         |          |       | 434013 |
| 10194  | AREQUIPA'BN, PERU    | 9007   | 9 09 | 8 38 43.75  | 7 50 18  | -64 20 |         |          |       | 434023 |
| 10195  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 09 | 17 20 15.70 | 20 54 54 | 23 48  |         |          |       | 434013 |
| 10197  | WOOMERA'BN, AUSTR.   | 9003   | 9 10 | 19 15 11.79 | 2 54 42  | 20 30  |         |          |       | 434013 |
| 10198  | AREQUIPA'BN, PERU    | 9007   | 9 11 | 9 06 45.68  | 5 42 00  | -53 03 |         |          |       | 434023 |
| 10200  | VILLA OLORES'BN,ARG  | 9011   | 9 11 | 9 06 49.59  | 3 02 36  | 25 20  |         |          |       | 434013 |
| 10202  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 11 | 17 47 43.80 | 20 24 18 | 14 29  |         |          |       | 434013 |
| 10203  | AREQUIPA'BN, PERU    | 9007   | 9 12 | 0 42 20.32  | 19 34 24 | -5 16  |         |          |       | 434013 |
| 10204  | AREQUIPA'BN, PERU    | 9007   | 9 12 | 23 41 39.79 | 19 24 36 | 8 04   |         |          |       | 434013 |
| 10201  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 13 | 2 37 43.30  | 2 31 24  | 21 51  |         |          |       | 434013 |
| 10206  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 13 | 18 16 12.30 | 20 15 42 | -2 49  |         |          |       | 434013 |
| 10208  | MAUI'BN, HAWAII      | 9012   | 9 14 | 5 30 44.97  | 15 53 00 | -23 18 |         |          |       | 434023 |
| 10207  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 14 | 17 15 10.00 | 19 40 24 | 9 14   |         |          |       | 434013 |
| 10210  | WOOMERA'BN, AUSTR.   | 9003   | 9 15 | 11 49 36.97 | 19 28 24 | -7 05  |         |          |       | 434013 |
| 10209  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 15 | 18 45 25.20 | 20 43 12 | -26 40 |         |          |       | 434023 |
| 10217  | VILLA OLORES'BN,ARG  | 9011   | 9 15 | 23 13 22.18 | 19 28 24 | 14 55  |         |          |       | 434013 |
| 10218  | VILLA OLORES'BN,ARG  | 9011   | 9 15 | 23 17 00.97 | 20 54 36 | 5 38   |         |          |       | 434013 |
| 10215  | AREQUIPA'BN, PERU    | 9007   | 9 16 | 1 39 43.62  | 18 54 00 | -48 33 |         |          |       | 434023 |
| 10213  | WOOMERA'BN, AUSTR.   | 9003   | 9 16 | 10 51 48.37 | 20 33 12 | -5 38  |         |          |       | 434013 |
| 10212  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 16 | 17 42 59.10 | 19 40 06 | -8 49  |         |          |       | 434013 |
| 10216  | CURACAO'BN, N.W.I.   | 9009   | 9 17 | 0 30 31.96  | 15 45 00 | -34 57 |         |          |       | 434023 |
| 10214  | WOOMERA'BN, AUSTR.   | 9003   | 9 17 | 9 51 07.02  | 19 58 12 | 3 28   |         |          |       | 434013 |
| 10211  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 17 | 19 12 31.07 | 19 34 48 | -38 15 |         |          |       | 434023 |
| 10219  | VILLA OLORES'BN,ARG  | 9011   | 9 17 | 23 41 05.41 | 19 04 54 | 3 42   |         |          |       | 434013 |
| 10220  | VILLA OLORES'BN,ARG  | 9011   | 9 17 | 23 46 18.45 | 21 35 48 | -9 50  |         |          |       | 434013 |
| 10222  | VILLA OLORES'BN,ARG  | 9011   | 9 20 | 0 05 55.83  | 17 47 24 | -0 52  |         |          |       | 434013 |
| 10221  | AREQUIPA'BN, PERU    | 9007   | 9 20 | 0 06 55.10  | 18 33 12 | -36 50 |         |          |       | 434023 |
| 10223  | VILLA OLORES'BN,ARG  | 9011   | 9 20 | 0 17 35.02  | 23 51 18 | -23 22 |         |          |       | 434023 |
| 10224  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 20 | 18 41 15.90 | 19 45 18 | -43 21 |         |          |       | 434023 |
| 30076  | PRETORIA, S.AFR.     | 8575   | 9 20 | 18 41 36.0  |          |        | 194 36  | 70 00    |       | 434023 |
| 10226  | VILLA OLORES'BN,ARG  | 9011   | 9 21 | 1 39 08.76  | 19 48 36 | -33 34 |         |          |       | 434023 |
| 10225  | WOOMERA'BN, AUSTR.   | 9003   | 9 21 | 10 47 50.73 | 20 02 12 | -25 15 |         |          |       | 434023 |
| 10227  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 21 | 17 40 21.10 | 19 13 54 | -30 57 |         |          |       | 434023 |
| 10229  | VILLA OLORES'BN,ARG  | 9011   | 9 22 | 0 40 00.57  | 20 12 12 | -29 47 |         |          |       | 434023 |
| 10230  | VILLA OLORES'BN,ARG  | 9011   | 9 22 | 0 44 05.43  | 23 26 06 | -32 20 |         |          |       | 434023 |
| 10228  | WOOMERA'BN, AUSTR.   | 9003   | 9 22 | 9 47 19.76  | 19 37 30 | -16 34 |         |          |       | 434013 |
| 10231  | WOOMERA'BN, AUSTR.   | 9003   | 9 22 | 12 16 04.93 | 20 22 54 | -41 52 |         |          |       | 434023 |
| 10232  | MAUI'BN, HAWAII      | 9012   | 9 22 | 15 07 00.25 | 6 51 48  | -33 08 |         |          |       | 434023 |
| 10235  | AREQUIPA'BN, PERU    | 9007   | 9 22 | 23 35 48.44 | 18 51 06 | -43 48 |         |          |       | 434023 |
| 10234  | WOOMERA'BN, AUSTR.   | 9003   | 9 23 | 11 17 24.55 | 21 09 24 | -38 52 |         |          |       | 434023 |
| 10236  | AREQUIPA'BN, PERU    | 9007   | 9 24 | 1 06 04.42  | 19 39 00 | -66 22 |         |          |       | 434023 |
| 10233  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 24 | 19 37 45.90 | 20 05 06 | -57 01 |         |          |       | 434023 |
| 10237  | MAUI'BN, HAWAII      | 9012   | 9 25 | 14 35 57.35 | 6 15 00  | -32 25 |         |          |       | 434023 |
| 10240  | CURACAO'BN, N.W.I.   | 9009   | 9 26 | 9 03 03.91  | 3 47 18  | 23 35  |         |          |       | 434013 |
| 10239  | WOOMERA'BN, AUSTR.   | 9003   | 9 26 | 10 44 42.45 | 20 22 06 | -39 07 |         |          |       | 434023 |
| 30074  | PUEBLA, MEX.         | 0900   | 9 26 | 11 23 37.8  | 5 18 12  | 9 24   |         |          |       | 845043 |
| 30075  | PUEBLA, MEX.         | 0900   | 9 26 | 11 23 50.6  | 5 42 00  | 12 53  |         |          |       | 845043 |
| 10238  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 26 | 17 37 30.80 | 19 38 18 | -47 04 |         |          |       | 434023 |
| 10241  | VILLA OLORES'BN,ARG  | 9011   | 9 27 | 0 36 12.15  | 20 08 00 | -39 09 |         |          |       | 434023 |
| 10242  | VILLA OLORES'BN,ARG  | 9011   | 9 27 | 0 41 18.31  | 0 00 12  | -33 03 |         |          |       | 434023 |
| 10244  | WOOMERA'BN, AUSTR.   | 9003   | 9 27 | 12 13 27.61 | 21 23 54 | -43 34 |         |          |       | 434023 |

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| 30077  | PRETORIA, S.AFR.     | 8575   | 9 27  | 19 07 36.9  |          |        | 177 00  | 58 30    |       | 845303 |
| 10243  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 27  | 19 07 40.10 | 21 43 36 | -56 59 |         |          |       | 434023 |
| 10247  | VILLA OLORES'BN,ARG  | 9011   | 9 28  | 2 03 02.62  | 19 33 42 | -36 58 |         |          |       | 434023 |
| 10246  | CURACAO'BN, N.W.I.   | 9009   | 9 28  | 9 31 10.98  | 1 53 48  | 53 36  |         |          |       | 434013 |
| 10245  | WOOMERA'BN, AUSTR.   | 9003   | 9 28  | 11 14 07.13 | 21 33 54 | -42 58 |         |          |       | 434023 |
| 10248  | NAINI TAL'BN, INDIA  | 9006   | 9 28  | 23 22 20.80 | 5 27 18  | -22 05 |         |          |       | 434013 |
| 10251  | VILLA OLORES'BN,ARG  | 9011   | 9 29  | 1 05 05.77  | 20 54 18 | -40 52 |         |          |       | 434023 |
| 10249  | WOOMERA'BN, AUSTR.   | 9003   | 9 29  | 10 11 39.68 | 19 40 42 | -39 05 |         |          |       | 434023 |
| 10250  | SHIRAZ'BN, IRAN      | 9008   | 9 30  | 0 44 18.73  | 6 29 24  | -19 50 |         |          |       | 434013 |
| 10252  | JUPITER'BN, FLA.     | 9010   | 9 30  | 9 59 07.02  | 6 25 48  | 8 30   |         |          |       | 434013 |
| 10254  | WOOMERA'BN, AUSTR.   | 9003   | 9 30  | 11 41 59.94 | 21 33 24 | -40 55 |         |          |       | 434023 |
| 10257  | MAUI'BN, HAWAII      | 9012   | 9 30  | 14 33 38.03 | 5 25 42  | 24 30  |         |          |       | 434013 |
| 10253  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 30  | 18 35 07.40 | 20 52 06 | -53 52 |         |          |       | 434023 |
| 10255  | TOKYO'BN, JAPAN      | 9005   | 9 30  | 19 13 36.60 | 7 21 30  | -17 13 |         |          |       | 434013 |
| 10256  | SHIRAZ'BN, IRAN      | 9008   | 10 02 | 1 12 05.63  | 5 42 00  | 6 45   |         |          |       | 434013 |
| 10259  | SHIRAZ'BN, IRAN      | 9008   | 10 05 | 0 41 41.98  | 6 21 24  | 20 21  |         |          |       | 434013 |
| 10258  | SAN FERNANDO'BN, SP. | 9004   | 10 06 | 4 21 55.30  | 5 49 12  | -17 29 |         |          |       | 434013 |
| 10260  | WOOMERA'BN, AUSTR.   | 9003   | 10 06 | 10 36 51.48 | 20 37 42 | -36 54 |         |          |       | 434023 |
| 10266  | SHIRAZ'BN, IRAN      | 9008   | 10 07 | 1 09 30.37  | 5 32 00  | 50 22  |         |          |       | 434013 |
| 10261  | WOOMERA'BN, AUSTR.   | 9003   | 10 07 | 12 07 38.31 | 22 07 48 | -11 22 |         |          |       | 434013 |
| 10262  | SAN FERNANDO'BN, SP. | 9004   | 10 08 | 4 50 05.80  | 6 16 18  | 2 17   |         |          |       | 434013 |
| 10263  | TOKYO'BN, JAPAN      | 9005   | 10 08 | 18 39 20.90 | 6 28 18  | 1 00   |         |          |       | 434013 |
| 10264  | NAINI TAL'BN, INDIA  | 9006   | 10 08 | 23 18 05.52 | 3 48 36  | 56 32  |         |          |       | 434013 |
| 10265  | AREQUIPA'BN, PERU    | 9007   | 10 09 | 0 57 47.77  | 22 07 30 | 51 36  |         |          |       | 434013 |
| 10269  | VILLA OLORES'BN,ARG  | 9011   | 10 09 | 23 57 29.45 | 20 59 18 | -26 25 |         |          |       | 434023 |
| 10268  | SAN FERNANDO'BN, SP. | 9004   | 10 10 | 5 17 49.60  | 5 59 30  | 15 10  |         |          |       | 434013 |
| 10267  | ORGAN PASS'BN, N.W.  | 9001   | 10 10 | 12 43 43.40 | 5 50 24  | 49 06  |         |          |       | 434013 |
| 10270  | AREQUIPA'BN, PERU    | 9007   | 10 11 | 1 27 30.22  | 22 43 48 | -34 29 |         |          |       | 434023 |
| 10271  | SAN FERNANDO'BN, SP. | 9004   | 10 11 | 4 19 33.50  | 6 41 36  | 6 15   |         |          |       | 434013 |
| 10272  | WOOMERA'BN, AUSTR.   | 9003   | 10 11 | 10 35 44.85 | 21 51 36 | -17 14 |         |          |       | 434013 |
| 10273  | NAINI TAL'BN, INDIA  | 9006   | 10 11 | 22 47 22.98 | 8 30 00  | 61 31  |         |          |       | 434013 |
| 10287  | SHIRAZ'BN, IRAN      | 9008   | 10 12 | 1 06 42.17  | 5 17 18  | 68 37  |         |          |       | 434013 |
| 10276  | JUPITER'BN, FLA.     | 9010   | 10 12 | 10 21 28.02 | 4 13 00  | 78 08  |         |          |       | 434013 |
| 10274  | WOOMERA'BN, AUSTR.   | 9003   | 10 12 | 12 02 47.88 | 21 13 42 | 2 58   |         |          |       | 434013 |
| 10278  | VILLA OLORES'BN,ARG  | 9011   | 10 13 | 1 54 48.50  | 21 12 48 | 13 48  |         |          |       | 434013 |
| 10277  | AREQUIPA'BN, PERU    | 9007   | 10 13 | 1 55 10.07  | 21 54 42 | -18 20 |         |          |       | 434013 |
| 10279  | WOOMERA'BN, AUSTR.   | 9003   | 10 13 | 11 01 38.69 | 20 49 18 | -10 57 |         |          |       | 434013 |
| 10280  | OLIFANTSFNTN'BN,S.AF | 9002   | 10 13 | 17 57 56.40 | 21 49 18 | -16 35 |         |          |       | 434013 |
| 10275  | AREQUIPA'BN, PERU    | 9007   | 10 14 | 0 55 04.49  | 22 09 18 | -29 08 |         |          |       | 434023 |
| 10282  | WOOMERA'BN, AUSTR.   | 9003   | 10 14 | 12 30 57.35 | 21 04 48 | 16 16  |         |          |       | 434013 |
| 10288  | SHIRAZ'BN, IRAN      | 9008   | 10 15 | 0 36 03.93  | 6 23 48  | 71 14  |         |          |       | 434013 |
| 10284  | SAN FERNANDO'BN, SP. | 9004   | 10 15 | 5 15 10.00  | 6 38 24  | 13 27  |         |          |       | 434013 |
| 10283  | WOOMERA'BN, AUSTR.   | 9003   | 10 15 | 11 29 29.17 | 20 36 12 | 1 38   |         |          |       | 434013 |
| 10281  | OLIFANTSFNTN'BN,S.AF | 9002   | 10 15 | 18 24 36.70 | 20 58 24 | -6 15  |         |          |       | 434013 |
| 30079  | MITAKA, JAPAN        | 0229   | 10 15 | 19 04 01.5  |          |        | 182 18  | 76 12    |       | 845304 |
| 10285  | TOKYO'BN, JAPAN      | 9005   | 10 15 | 19 04 06.50 | 6 09 54  | 21 47  |         |          |       | 434013 |
| 10286  | NAINI TAL'BN, INDIA  | 9006   | 10 15 | 23 40 51.65 | 1 19 18  | 4 18   |         |          |       | 434013 |
| 10291  | OLIFANTSFNTN'BN,S.AF | 9002   | 10 16 | 17 24 34.30 | 21 11 00 | -15 05 |         |          |       | 434013 |
| 10295  | AREQUIPA'BN, PERU    | 9007   | 10 17 | 0 22 06.83  | 21 31 36 | -25 06 |         |          |       | 434023 |
| 10289  | SHIRAZ'BN, IRAN      | 9008   | 10 17 | 1 03 50.57  | 5 27 06  | 66 54  |         |          |       | 434013 |
| 30078  | CINCINNATI, OHIO     | 8555   | 10 17 | 10 17 45    |          |        | 188 30  | 43 48    |       | 845302 |
| 10290  | JUPITER'BN, FLA.     | 9010   | 10 17 | 10 19 19.09 | 8 26 42  | 68 57  |         |          |       | 434013 |
| 10292  | WOOMERA'BN, AUSTR.   | 9003   | 10 17 | 10 58 12.29 | 20 38 54 | 15 43  |         |          |       | 434013 |
| 30081  | MIYAZAKI, JAPAN      | 0230   | 10 17 | 18 30 23    | 6 10     | 52     |         |          |       | 845002 |
| 30082  | KAGOSHIMA, JAPAN     | 0218   | 10 17 | 19 30 32    | 7 27     | 52 06  |         |          |       | 845004 |
| 10293  | NAINI TAL'BN, INDIA  | 9006   | 10 18 | 23 12 23.82 | 7 49 36  | 58 36  |         |          |       | 434013 |
| 10294  | AREQUIPA'BN, PERU    | 9007   | 10 19 | 0 51 03.48  | 21 21 54 | -5 38  |         |          |       | 434013 |
| 10296  | SHIRAZ'BN, IRAN      | 9008   | 10 19 | 1 32 19.32  | 7 10 06  | 44 40  |         |          |       | 434013 |
| 30083  | KAGOSHIMA, JAPAN     | 0218   | 10 19 | 19 58 33    | 7 14     | 32 00  |         |          |       | 845002 |
| 10298  | AREQUIPA'BN, PERU    | 9007   | 10 19 | 23 49 22.98 | 21 07 30 | -19 51 |         |          |       | 434013 |
| 10299  | AREQUIPA'BN, PERU    | 9007   | 10 20 | 2 19 55.12  | 20 54 54 | 23 44  |         |          |       | 434013 |
| 10300  | JUPITER'BN, FLA.     | 9010   | 10 20 | 9 48 19.72  | 7 24 18  | 68 28  |         |          |       | 434013 |
| 10297  | ORGAN PASS'BN, N.W.  | 9001   | 10 20 | 11 07 27.40 | 4 36 00  | 15 45  |         |          |       | 434013 |
| 10301  | WOOMERA'BN, AUSTR.   | 9003   | 10 20 | 11 25 35.98 | 20 19 24 | 16 52  |         |          |       | 434013 |
| 10302  | TOKYO'BN, JAPAN      | 9005   | 10 20 | 19 01 10.60 | 5 51 06  | 3 19   |         |          |       | 434013 |
| 10303  | NAINI TAL'BN, INDIA  | 9006   | 10 20 | 23 41 34.40 | 9 27 42  | 13 43  |         |          |       | 434013 |
| 10304  | AREQUIPA'BN, PERU    | 9007   | 10 21 | 1 22 40.88  | 24 06 06 | 25 36  |         |          |       | 434013 |
| 10306  | AREQUIPA'BN, PERU    | 9007   | 10 22 | 0 18 14.65  | 20 55 48 | -1 47  |         |          |       | 434013 |
| 10308  | CURACAO'BN, N.W.I.   | 9009   | 10 22 | 0 26 38.09  | 23 30 42 | -25 40 |         |          |       | 434023 |
| 10307  | SHIRAZ'BN, IRAN      | 9008   | 10 22 | 1 01 24.29  | 6 31 06  | 37 35  |         |          |       | 434013 |
| 30084  | MITAKA, JAPAN        | 0229   | 10 22 | 19 29 03.0  |          |        | 198 54  | 36 42    |       | 845303 |
| 10305  | ORGAN PASS'BN, N.W.  | 9001   | 10 23 | 11 37 23.81 | 5 58 36  | 0 58   |         |          |       | 434013 |

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| 10314  | AREQUIPA'BN. PERU    | 9007   | 10 24 | 0 46 47.68  | 20 36 18 | 14 58  |           |          |       | 434013 |
| 10309  | CURACAO'BN. N.W.I.   | 9009   | 10 24 | 0 54 09.31  | 22 41 24 | -12 40 |           |          |       | 434013 |
| 10310  | SHIRAZ'BN. IRAN      | 9008   | 10 24 | 1 29 33.08  | 6 23 06  | -3 36  |           |          |       | 434013 |
| 10311  | VILLA OLORES'BN. ARG | 9011   | 10 24 | 8 01 41.22  | 4 56 42  | -33 26 |           |          |       | 434023 |
| 10312  | VILLA OLORES'BN. ARG | 9011   | 10 24 | 8 08 39.55  | 8 44 24  | -29 10 |           |          |       | 434023 |
| 10315  | AREQUIPA'BN. PERU    | 9007   | 10 24 | 23 48 08.43 | 21 21 36 | 11 26  |           |          |       | 434013 |
| 10313  | CURACAO'BN. N.W.I.   | 9009   | 10 24 | 23 54 19.73 | 22 58 18 | -19 10 |           |          |       | 434013 |
| 10560  | JUPITER'BN. FLA.     | 9010   | 10 24 | 23 55 04    | 23 43 00 | -31 13 |           |          |       | 434023 |
| 30080  | MADISON. WISC.       | 0148   | 10 25 | 9 45 07.1   | 4 37 00  | 15 54  |           |          |       | 845042 |
| 10318  | JUPITER'BN. FLA.     | 9010   | 10 27 | 0 20 28.67  | 22 54 48 | -28 31 |           |          |       | 434023 |
| 10316  | CURACAO'BN. N.W.I.   | 9009   | 10 27 | 0 23 00.42  | 20 40 30 | 0 49   |           |          |       | 434013 |
| 10317  | SHIRAZ'BN. IRAN      | 9008   | 10 27 | 0 58 50.60  | 6 05 42  | -14 56 |           |          |       | 434013 |
| 10319  | JUPITER'BN. FLA.     | 9010   | 10 27 | 10 13 59.84 | 6 18 12  | -20 11 |           |          |       | 434013 |
| 10320  | NAINI TAL'BN. INOIA  | 9006   | 10 27 | 14 15 58.09 | 23 46 36 | -18 51 |           |          |       | 434013 |
| 10322  | MAUI'BN. HAWAII      | 9012   | 10 27 | 14 50 11.28 | 8 39 18  | 33 13  |           |          |       | 434013 |
| 10321  | SHIRAZ'BN. IRAN      | 9008   | 10 27 | 16 36 07.86 | 13 38 54 | -15 38 |           |          |       | 434013 |
| 10323  | CURACAO'BN. N.W.I.   | 9009   | 10 27 | 23 21 42.28 | 22 27 36 | -12 58 |           |          |       | 434013 |
| 10330  | MAUI'BN. HAWAII      | 9012   | 10 28 | 6 25 04.59  | 23 16 48 | -1 44  |           |          |       | 434013 |
| 10325  | NAINI TAL'BN. INOIA  | 9006   | 10 28 | 23 07 16.99 | 6 27 18  | -29 16 |           |          |       | 434023 |
| 10326  | CURACAO'BN. N.W.I.   | 9009   | 10 29 | 0 51 42.92  | 22 20 24 | 20 03  |           |          |       | 434013 |
| 10331  | MAUI'BN. HAWAII      | 9012   | 10 29 | 5 24 48.75  | 23 12 48 | -9 32  |           |          |       | 434013 |
| 10324  | ORGAN PASS'BN. N.M.  | 9001   | 10 29 | 10 12 21.80 | 23 34 30 | -13 00 |           |          |       | 434013 |
| 10329  | JUPITER'BN. FLA.     | 9010   | 10 29 | 10 41 36.43 | 5 17 18  | -34 54 |           |          |       | 434013 |
| 10334  | MAUI'BN. HAWAII      | 9012   | 10 30 | 6 53 45.59  | 23 08 12 | 18 30  |           |          |       | 434013 |
| 10327  | CURACAO'BN. N.W.I.   | 9009   | 10 30 | 9 47 06.99  | 7 18 30  | 7 23   |           |          |       | 434013 |
| 10332  | ORGAN PASS'BN. N.M.  | 9001   | 10 31 | 1 11 50.50  | 23 09 00 | -19 29 |           |          |       | 434013 |
| 10328  | CURACAO'BN. N.W.I.   | 9009   | 10 31 | 8 48 12.91  | 8 45 00  | 48 21  |           |          |       | 434013 |
| 10337  | MAUI'BN. HAWAII      | 9012   | 11 01 | 4 50 24.82  | 22 07 42 | -8 13  |           |          |       | 434013 |
| 10335  | NAINI TAL'BN. INOIA  | 9006   | 11 01 | 14 08 58.50 | 22 10 30 | -7 19  |           |          |       | 434013 |
| 10338  | MAUI'BN. HAWAII      | 9012   | 11 02 | 6 21 09.24  | 22 35 30 | 22 28  |           |          |       | 434013 |
| 10336  | CURACAO'BN. N.W.I.   | 9009   | 11 02 | 9 15 41.22  | 5 10 30  | 2 12   |           |          |       | 434013 |
| 10342  | MAUI'BN. HAWAII      | 9012   | 11 03 | 5 18 37.21  | 21 54 00 | 6 25   |           |          |       | 434013 |
| 10339  | NAINI TAL'BN. INOIA  | 9006   | 11 03 | 14 40 53.51 | 23 27 30 | 16 08  |           |          |       | 434013 |
| 10341  | SHIRAZ'BN. IRAN      | 9008   | 11 03 | 17 01 15.66 | 23 20 54 | 21 51  |           |          |       | 434013 |
| 10340  | ORGAN PASS'BN. N.M.  | 9001   | 11 04 | 2 08 08.27  | 22 56 06 | 0 20   |           |          |       | 434013 |
| 10353  | MAUI'BN. HAWAII      | 9012   | 11 04 | 6 49 54.99  | 22 31 42 | 39 11  |           |          |       | 434013 |
| 10343  | NAINI TAL'BN. INOIA  | 9006   | 11 04 | 13 39 41.81 | 22 55 48 | 6 21   |           |          |       | 434013 |
| 10345  | SHIRAZ'BN. IRAN      | 9008   | 11 04 | 15 59 47.81 | 22 42 18 | 10 47  |           |          |       | 434013 |
| 10349  | JUPITER'BN. FLA.     | 9010   | 11 05 | 1 11 20.77  | 21 16 36 | 11 41  |           |          |       | 434013 |
| 10350  | JUPITER'BN. FLA.     | 9010   | 11 05 | 1 13 00.70  | 22 12 30 | 19 22  |           |          |       | 434013 |
| 10351  | JUPITER'BN. FLA.     | 9010   | 11 05 | 1 18 57.38  | 0 43 30  | 31 28  |           |          |       | 434013 |
| 10346  | SHIRAZ'BN. IRAN      | 9008   | 11 05 | 14 58 50.43 | 22 26 06 | 2 56   |           |          |       | 434013 |
| 10344  | NAINI TAL'BN. INOIA  | 9006   | 11 05 | 15 08 02.09 | 22 50 24 | 26 25  |           |          |       | 434013 |
| 10347  | CURACAO'BN. N.W.I.   | 9009   | 11 06 | 0 13 38.28  | 20 45 06 | 36 58  |           |          |       | 434013 |
| 10348  | CURACAO'BN. N.W.I.   | 9009   | 11 06 | 0 19 15.72  | 23 15 30 | 54 03  |           |          |       | 434013 |
| 10352  | MAUI'BN. HAWAII      | 9012   | 11 06 | 4 46 51.63  | 21 52 48 | 14 44  |           |          |       | 434013 |
| 10358  | SHIRAZ'BN. IRAN      | 9008   | 11 06 | 16 30 08.48 | 23 39 24 | 28 40  |           |          |       | 434013 |
| 10354  | CURACAO'BN. N.W.I.   | 9009   | 11 06 | 23 12 16.31 | 22 47 00 | 27 58  |           |          |       | 434013 |
| 10355  | CUPACAO'BN. N.W.I.   | 9009   | 11 07 | 1 45 16.55  | 21 14 18 | 58 41  |           |          |       | 434013 |
| 10561  | MAUI'BN. HAWAII      | 9012   | 11 07 | 6 17 36.85  | 22 19 42 | 41 56  |           |          |       | 434013 |
| 10360  | TOKYO'BN. JAPAN      | 9005   | 11 07 | 10 58 16.40 | 23 34 36 | 19 47  |           |          |       | 434013 |
| 30094  | NITAKA. JAPAN        | 0229   | 11 07 | 10 58 23.2  |          |        | 161 48    | 74 18    |       | 845303 |
| 10356  | NAINI TAL'BN. INOIA  | 9006   | 11 07 | 13 08 38.98 | 23 08 42 | 14 48  |           |          |       | 434013 |
| 10359  | SHIRAZ'BN. IRAN      | 9008   | 11 07 | 15 27 57.72 | 20 40 18 | 17 35  |           |          |       | 434013 |
| 10357  | NAINI TAL'BN. INOIA  | 9006   | 11 07 | 15 31 51.10 | 21 01 48 | 23 23  |           |          |       | 434013 |
| 10361  | JUPITER'BN. FLA.     | 9010   | 11 08 | 0 39 34.48  | 21 17 30 | 19 07  |           |          |       | 434013 |
| 10362  | JUPITER'BN. FLA.     | 9010   | 11 08 | 0 42 03.58  | 22 35 30 | 27 54  |           |          |       | 434013 |
| 30085  | CINCINNATI. OHIO     | 0050   | 11 08 | 0 43 20     | 23 08 00 | 6 33   |           |          |       | 845004 |
| 30086  | ROCHESTER. N.Y.      | 8564   | 11 08 | 0 43 55.8   | 22 42 04 | 1 28   |           |          |       | 845034 |
| 30087  | N. CANTON. OHIO      | 8565   | 11 08 | 0 46 25.0   | 23 59 48 | 7 43   |           |          |       | 845042 |
| 10363  | JUPITER'BN. FLA.     | 9010   | 11 08 | 0 47 39.19  | 0 53 48  | 34 54  |           |          |       | 434013 |
| 10368  | MAUI'BN. HAWAII      | 9012   | 11 08 | 5 15 06.15  | 21 37 54 | 28 37  |           |          |       | 434013 |
| 10364  | TOKYO'BN. JAPAN      | 9005   | 11 08 | 9 58 05.30  | 23 20 48 | 14 59  |           |          |       | 434013 |
| 10365  | NAINI TAL'BN. INOIA  | 9006   | 11 08 | 14 39 01.74 | 0 26 06  | 35 59  |           |          |       | 434013 |
| 10371  | SHIRAZ'BN. IRAN      | 9008   | 11 08 | 16 58 08.01 | 23 37 36 | 38 15  |           |          |       | 434013 |
| 10367  | SAN FERNANDO'BN. SP. | 9004   | 11 08 | 19 09 06.80 | 23 04 36 | 10 15  |           |          |       | 434013 |
| 10366  | CURACAO'BN. N.W.I.   | 9009   | 11 08 | 23 41 22.69 | 20 40 30 | 41 32  |           |          |       | 434013 |
| 10369  | ORGAN PASS'BN. N.M.  | 9001   | 11 09 | 2 07 39.51  | 0 13 30  | 23 11  |           |          |       | 434013 |
| 10374  | MAUI'BN. HAWAII      | 9012   | 11 09 | 6 45 49.79  | 22 43 48 | 53 26  |           |          |       | 434013 |
| 10370  | NAINI TAL'BN. INOIA  | 9006   | 11 09 | 13 37 09.12 | 23 20 36 | 27 03  |           |          |       | 434013 |
| 10372  | ORGAN PASS'BN. N.M.  | 9001   | 11 10 | 1 05 03.80  | 23 02 42 | 14 35  |           |          |       | 434013 |
| 10387  | JUPITER'BN. FLA.     | 9010   | 11 10 | 1 09 35.55  | 21 47 18 | 34 08  |           |          |       | 434013 |
| 10469  | ORGAN PASS'BN. N.M.  | 9001   | 11 10 | 1 10 34.92  | 0 57 06  | 19 44  |           |          |       | 434013 |
| 10388  | JUPITER'BN. FLA.     | 9010   | 11 10 | 1 10 45.08  | 22 17 48 | 37 04  |           |          |       | 434013 |
| 10389  | JUPITER'BN. FLA.     | 9010   | 11 10 | 1 13 39.45  | 23 51 54 | 42 34  |           |          |       | 434013 |
| 30088  | CHINA LAKE. CAL.     | 8588   | 11 10 | 3 30 00.9   |          |        | 164 16 48 | 76 42 36 |       | 845303 |
| 10373  | ORGAN PASS'BN. N.M.  | 9001   | 11 10 | 3 33 43.60  | 23 29 48 | 34 07  |           |          |       | 434013 |

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| 10376  | TOKYO*BN, JAPAN       | 9005   | 11 10 | 10 24 35.70 | 22 45 00 | 22 31  |           |          |       | 434013 |
| 10383  | SHIRAZ*BN, IRAN       | 9008   | 11 10 | 14 53 36.73 | 21 50 06 | 18 57  |           |          |       | 434013 |
| 10377  | MAINI TAL*BN, INOIA   | 9006   | 11 10 | 15 05 04.44 | 23 17 54 | 40 55  |           |          |       | 434013 |
| 10384  | SHIRAZ*BN, IRAN       | 9008   | 11 10 | 17 24 55.10 | 22 52 48 | 41 13  |           |          |       | 434013 |
| 10375  | ORGAN PASS*BN, N.M.   | 9001   | 11 11 | 2 33 11.50  | 23 13 30 | 29 04  |           |          |       | 434013 |
| 10378  | MAINI TAL*BN, INOIA   | 9006   | 11 11 | 14 00 08.06 | 21 18 18 | 26 58  |           |          |       | 434013 |
| 10385  | SHIRAZ*BN, IRAN       | 9008   | 11 11 | 16 25 27.84 | 23 15 36 | 39 11  |           |          |       | 434013 |
| 30089  | N. CANTON, OHIO       | 0053   | 11 12 | 1 41 45.6   | 0 05 00  | 18 34  |           |          |       | 845033 |
| 30090  | CHINA LAKE, CAL.      | 8588   | 11 12 | 3 58 40.5   |          |        | 172 17 24 | 83 33 36 |       | 845033 |
| 10381  | AREQUIPA*BN, PERU     | 9007   | 11 12 | 9 14 00.98  | 8 00 00  | 3 31   |           |          |       | 434013 |
| 10379  | MAINI TAL*BN, INOIA   | 9006   | 11 12 | 13 00 52.14 | 21 45 18 | 24 46  |           |          |       | 434013 |
| 10386  | SHIRAZ*BN, IRAN       | 9008   | 11 12 | 15 22 55.48 | 22 13 00 | 31 09  |           |          |       | 434013 |
| 30091  | CHINA LAKE, CAL.      | 8588   | 11 13 | 2 56 54.8   |          |        | 165 55 12 | 78 55 48 |       | 845033 |
| 10382  | AREQUIPA*BN, PERU     | 9007   | 11 13 | 8 15 17.23  | 8 59 42  | 32 39  |           |          |       | 434013 |
| 10380  | MAINI TAL*BN, INOIA   | 9006   | 11 13 | 14 29 20.76 | 21 23 42 | 36 34  |           |          |       | 434013 |
| 10399  | SHIRAZ*BN, IRAN       | 9008   | 11 13 | 16 53 17.15 | 23 12 36 | 42 52  |           |          |       | 434013 |
| 10390  | ORGAN PASS*BN, N.M.   | 9001   | 11 14 | 2 01 41.00  | 23 30 18 | 32 29  |           |          |       | 434013 |
| 10393  | MAINI TAL*BN, INOIA   | 9006   | 11 14 | 13 35 03.04 | 0 24 30  | 38 23  |           |          |       | 434013 |
| 10394  | SHIRAZ*BN, IRAN       | 9008   | 11 14 | 15 52 17.10 | 22 48 54 | 39 39  |           |          |       | 434013 |
| 10392  | SAN FERNANDO*BN, SP.  | 9004   | 11 14 | 20 34 31.50 | 0 06 48  | 29 13  |           |          |       | 434013 |
| 30092  | CHINA LAKE, CAL.      | 8588   | 11 15 | 3 25 42.3   |          |        | 4 03 00   | 84 53 24 |       | 845033 |
| 10391  | ORGAN PASS*BN, N.M.   | 9001   | 11 15 | 3 28 54.40  | 23 13 24 | 37 31  |           |          |       | 434013 |
| 30101  | HIGASHIMATSUYAMA, JAP | 0210   | 11 15 | 10 22 05.5  | 23 44 30 | 30 18  |           |          |       | 845003 |
| 10395  | TOKYO*BN, JAPAN       | 9005   | 11 15 | 10 22 32.00 | 23 50 12 | 30 40  |           |          |       | 434013 |
| 10398  | SHIRAZ*BN, IRAN       | 9008   | 11 15 | 14 49 28.55 | 21 50 12 | 33 00  |           |          |       | 434013 |
| 10396  | MAINI TAL*BN, INOIA   | 9006   | 11 15 | 15 01 02.49 | 23 28 18 | 43 59  |           |          |       | 434013 |
| 10397  | SAN FERNANDO*BN, SP.  | 9004   | 11 15 | 19 32 32.60 | 23 06 48 | 27 58  |           |          |       | 434013 |
| 10398  | SAN FERNANDO*BN, SP.  | 9004   | 11 16 | 21 01 58.00 | 0 00 12  | 27 59  |           |          |       | 434013 |
| 30093  | TERRE HAUTE, INO.     | 8127   | 11 17 | 1 34 25.0   | 23 30 15 | 24 14  |           |          |       | 845044 |
| 30095  | CINCINNATI, OHIO      | 0050   | 11 17 | 1 35 26.0   | 23 39 48 | 24 56  |           |          |       | 845004 |
| 10401  | OLIFANTSFNTN*BN, S.AF | 9002   | 11 17 | 2 16 24.43  | 8 45 30  | 7 58   |           |          |       | 434013 |
| 10403  | MAUI*BN, HAWAII       | 9012   | 11 17 | 6 12 09.96  | 0 01 12  | 57 27  |           |          |       | 434013 |
| 10402  | WOOMERA*BN, AUSTR.    | 9003   | 11 17 | 18 24 04.53 | 9 25 36  | 31 08  |           |          |       | 834013 |
| 30098  | CINCINNATI, OHIO      | 0050   | 11 18 | 0 33 18.2   | 22 48 48 | 25 04  |           |          |       | 845004 |
| 30096  | N. CANTON, OHIO       | 8559   | 11 18 | 0 34 47.4   | 22 54 21 | 21 49  |           |          |       | 845014 |
| 30097  | ROCHESTER, N.Y.       | 8564   | 11 18 | 0 36 56.4   | 23 21 18 | 18 00  |           |          |       | 845014 |
| 10400  | ORGAN PASS*BN, N.M.   | 9001   | 11 18 | 2 57 57.96  | 23 56 24 | 37 03  |           |          |       | 434013 |
| 30099  | CINCINNATI, OHIO      | 0050   | 11 18 | 3 01 05.5   | 23 03 54 | 19 40  |           |          |       | 845004 |
| 10419  | MAUI*BN, HAWAII       | 9012   | 11 18 | 5 10 28.00  | 23 19 12 | 54 25  |           |          |       | 434013 |
| 10404  | VILLA DOLORES*BN, ARG | 9011   | 11 18 | 8 15 19.18  | 8 45 06  | 28 22  |           |          |       | 434013 |
| 10409  | TOKYO*BN, JAPAN       | 9005   | 11 18 | 9 47 43.50  | 22 45 36 | 31 05  |           |          |       | 434013 |
| 30107  | HIGASHIMATSUYAMA, JAP | 0210   | 11 18 | 9 47 57.9   |          |        | 180 00    | 85 00    |       | 845303 |
| 10412  | MAINI TAL*BN, INOIA   | 9006   | 11 18 | 14 32 27.83 | 1 29 12  | 38 51  |           |          |       | 434013 |
| 10408  | SAN FERNANDO*BN, SP.  | 9004   | 11 18 | 18 59 32.50 | 22 53 48 | 28 13  |           |          |       | 434013 |
| 10416  | JUPITER*BN, FLA.      | 9010   | 11 18 | 23 29 14.40 | 20 47 54 | 38 34  |           |          |       | 434013 |
| 10417  | JUPITER*BN, FLA.      | 9010   | 11 18 | 23 32 13.70 | 21 53 48 | 42 22  |           |          |       | 434013 |
| 10418  | JUPITER*BN, FLA.      | 9010   | 11 18 | 23 44 06.49 | 2 34 06  | 32 38  |           |          |       | 434013 |
| 10405  | ORGAN PASS*BN, N.M.   | 9001   | 11 19 | 1 55 15.08  | 22 46 18 | 36 03  |           |          |       | 434013 |
| 10410  | TOKYO*BN, JAPAN       | 9005   | 11 19 | 8 44 40.70  | 21 44 48 | 28 10  |           |          |       | 434013 |
| 10407  | WOOMERA*BN, AUSTR.    | 9003   | 11 19 | 18 51 49.45 | 8 51 36  | 13 57  |           |          |       | 434013 |
| 10415  | CURACAO*BN, N.W.I.    | 9009   | 11 20 | 1 09 14.50  | 0 26 00  | 64 18  |           |          |       | 434013 |
| 30105  | CINCINNATI, OHIO      | 0050   | 11 20 | 2 31 46     | 0 06 54  | 15 35  |           |          |       | 845004 |
| 10406  | ORGAN PASS*BN, N.M.   | 9001   | 11 20 | 3 26 30.61  | 0 18 24  | 32 41  |           |          |       | 434013 |
| 10411  | TOKYO*BN, JAPAN       | 9005   | 11 20 | 10 16 39.20 | 23 18 30 | 30 33  |           |          |       | 434013 |
| 30108  | HIGASHIMATSUYAMA, JAP | 0210   | 11 20 | 10 17 03.6  |          |        | 180 00    | 84 12    |       | 845303 |
| 10421  | MAINI TAL*BN, INOIA   | 9006   | 11 20 | 14 59 29.60 | 1 05 00  | 35 47  |           |          |       | 434013 |
| 10422  | SHIRAZ*BN, IRAN       | 9008   | 11 20 | 17 18 04.58 | 23 58 36 | 35 07  |           |          |       | 434013 |
| 10423  | CURACAO*BN, N.W.I.    | 9009   | 11 21 | 0 09 08.46  | 0 47 54  | 63 02  |           |          |       | 434013 |
| 30100  | CINCINNATI, OHIO      | 0050   | 11 21 | 1 02 08.8   | 23 16 36 | 25 35  |           |          |       | 845004 |
| 10420  | ORGAN PASS*BN, N.M.   | 9001   | 11 21 | 2 26 47.42  | 0 27 36  | 34 05  |           |          |       | 434013 |
| 10425  | MAUI*BN, HAWAII       | 9012   | 11 21 | 7 06 14.88  | 22 52 48 | 50 41  |           |          |       | 434013 |
| 10424  | TOKYO*BN, JAPAN       | 9005   | 11 21 | 9 16 13.20  | 23 11 42 | 31 18  |           |          |       | 434013 |
| 10427  | SHIRAZ*BN, IRAN       | 9008   | 11 21 | 16 17 56.99 | 0 02 30  | 38 28  |           |          |       | 434013 |
| 10426  | ORGAN PASS*BN, N.M.   | 9001   | 11 22 | 3 53 58.90  | 0 05 24  | 25 38  |           |          |       | 434013 |
| 10428  | SHIRAZ*BN, IRAN       | 9008   | 11 22 | 15 16 01.72 | 23 20 54 | 40 45  |           |          |       | 434013 |
| 10430  | JUPITER*BN, FLA.      | 9010   | 11 23 | 0 31 50.92  | 23 37 18 | 43 40  |           |          |       | 434013 |
| 10431  | JUPITER*BN, FLA.      | 9010   | 11 23 | 0 32 56.26  | 0 07 06  | 42 31  |           |          |       | 434013 |
| 10429  | CURACAO*BN, N.W.I.    | 9009   | 11 23 | 0 39 17.60  | 1 48 00  | 56 36  |           |          |       | 434013 |
| 10437  | VILLA DOLORES*BN, ARG | 9011   | 11 23 | 8 12 44.23  | 8 30 18  | -7 30  |           |          |       | 434013 |
| 30102  | CINCINNATI, OHIO      | 0050   | 11 24 | 1 59 13.6   | 23 58 30 | 14 00  |           |          |       | 845004 |
| 10434  | JUPITER*BN, FLA.      | 9010   | 11 24 | 2 01 55.07  | 0 18 06  | 30 39  |           |          |       | 434013 |
| 10450  | MAUI*BN, HAWAII       | 9012   | 11 24 | 6 38 26.98  | 1 14 00  | 42 11  |           |          |       | 434013 |
| 10433  | MAINI TAL*BN, INOIA   | 9006   | 11 24 | 13 23 05.41 | 23 19 36 | 39 41  |           |          |       | 434013 |
| 10432  | WOOMERA*BN, AUSTR.    | 9003   | 11 24 | 18 49 34.65 | 9 55 18  | -33 39 |           |          |       | 434023 |
| 10436  | JUPITER*BN, FLA.      | 9010   | 11 25 | 0 56 14.23  | 22 09 42 | 40 26  |           |          |       | 434013 |
| 10449  | MAUI*BN, HAWAII       | 9012   | 11 25 | 5 38 29.34  | 1 25 00  | 42 58  |           |          |       | 434013 |
| 10448  | VILLA DOLORES*BN, ARG | 9011   | 11 25 | 7 14 40.33  | 9 45 12  | 5 09   |           |          |       | 434013 |
| 10441  | MAINI TAL*BN, INOIA   | 9006   | 11 25 | 14 55 48.56 | 0 59 54  | 21 37  |           |          |       | 434013 |
| 10438  | WOOMERA*BN, AUSTR.    | 9003   | 11 25 | 17 50 06.98 | 7 51 30  | -3 34  |           |          |       | 434013 |
| 10440  | SAN FERNANDO*BN, SP.  | 9004   | 11 25 | 19 23 05.70 | 23 15 48 | 25 27  |           |          |       | 434013 |

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| 30103  | CINCINNATI, OHIO      | 0050   | 11 25 | 23 54 39.6  | 22 29 12 | 25 43  |         |          |       | 845004 |
| 10443  | CURACAO'BN, N.W.I.    | 9009   | 11 26 | 0 05 04.07  | 0 42 24  | 55 12  |         |          |       | 434013 |
| 30104  | CINCINNATI, OHIO      | 0050   | 11 26 | 2 27 28.3   | 0 06 08  | 4 16   |         |          |       | 845004 |
| 10445  | JUPITER'BN, FLA.      | 9010   | 11 26 | 2 27 38.55  | 23 19 42 | 22 50  |         |          |       | 434013 |
| 10446  | JUPITER'BN, FLA.      | 9010   | 11 26 | 2 29 38.93  | 0 03 24  | 18 43  |         |          |       | 434013 |
| 10457  | MAUI'BN, HAWAII       | 9012   | 11 26 | 4 31 29.74  | 22 46 54 | 52 10  |         |          |       | 434013 |
| 10458  | MAUI'BN, HAWAII       | 9012   | 11 26 | 7 04 16.22  | 0 48 12  | 32 05  |         |          |       | 434013 |
| 10444  | CURACAO'BN, N.W.I.    | 9009   | 11 26 | 23 02 13.57 | 23 51 36 | 58 08  |         |          |       | 434013 |
| 10447  | VILLA OLORES'BN, ARG  | 9011   | 11 27 | 6 43 42.19  | 8 57 30  | -1 09  |         |          |       | 434013 |
| 10442  | NAINI TAL'BN, INOIA   | 9006   | 11 27 | 15 22 27.89 | 0 18 24  | 13 01  |         |          |       | 434013 |
| 10439  | WOOMERA'BN, AUSTR.    | 9003   | 11 27 | 18 18 05.75 | 7 32 18  | -37 47 |         |          |       | 434023 |
| 10451  | JUPITER'BN, FLA.      | 9010   | 11 28 | 0 30 59.53  | 0 55 54  | 27 13  |         |          |       | 434013 |
| 10452  | JUPITER'BN, FLA.      | 9010   | 11 28 | 0 33 21.10  | 1 42 00  | 21 08  |         |          |       | 434013 |
| 10453  | JUPITER'BN, FLA.      | 9010   | 11 28 | 0 37 03.46  | 3 02 18  | 9 41   |         |          |       | 434013 |
| 10454  | VILLA OLORES'BN, ARG  | 9011   | 11 28 | 8 08 42.09  | 5 01 54  | -27 15 |         |          |       | 434023 |
| 10455  | TOKYO'BN, JAPAN       | 9005   | 11 28 | 9 36 41.60  | 22 28 18 | 25 00  |         |          |       | 434013 |
| 10456  | NAINI TAL'BN, INOIA   | 9006   | 11 28 | 14 20 50.14 | 23 55 30 | 23 16  |         |          |       | 434013 |
| 10460  | JUPITER'BN, FLA.      | 9010   | 11 28 | 23 25 29.22 | 23 14 54 | 36 01  |         |          |       | 434013 |
| 10461  | JUPITER'BN, FLA.      | 9010   | 11 28 | 23 27 42.75 | 0 00 24  | 35 39  |         |          |       | 434013 |
| 30106  | PUEBLA, MEX.          | 0900   | 11 29 | 1 48 13.7   | 23 48 42 | 43 12  |         |          |       | 845044 |
| 10462  | ORGAN PASS'BN, N.M.   | 9001   | 11 30 | 3 16 55.05  | 23 45 00 | 8 30   |         |          |       | 434013 |
| 10562  | MAUI'BN, HAWAII       | 9012   | 11 30 | 5 33 09.06  | 0 41 54  | 32 31  |         |          |       | 434013 |
| 10463  | WOOMERA'BN, AUSTR.    | 9003   | 11 30 | 17 47 13.35 | 7 08 00  | -43 55 |         |          |       | 434023 |
| 10466  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 01 | 0 41 22.47  | 6 26 48  | -71 11 |         |          |       | 434023 |
| 10464  | ORGAN PASS'BN, N.M.   | 9001   | 12 01 | 2 12 20.21  | 22 33 12 | 22 23  |         |          |       | 434013 |
| 10557  | ORGAN PASS'BN, N.M.   | 9001   | 12 01 | 2 14 58.48  | 23 19 48 | 18 11  |         |          |       | 434013 |
| 10465  | ORGAN PASS'BN, N.M.   | 9001   | 12 01 | 2 19 13.62  | 0 34 12  | 9 04   |         |          |       | 434013 |
| 10563  | MAUI'BN, HAWAII       | 9012   | 12 01 | 7 03 30.00  | 0 50 18  | 6 52   |         |          |       | 434013 |
| 10468  | VILLA OLORES'BN, ARG  | 9011   | 12 01 | 7 39 17.93  | 8 41 00  | -49 40 |         |          |       | 434023 |
| 10467  | NAINI TAL'BN, INOIA   | 9006   | 12 01 | 13 50 05.83 | 0 21 42  | 14 41  |         |          |       | 434013 |
| 10471  | VILLA OLORES'BN, ARG  | 9011   | 12 02 | 6 40 00.01  | 6 57 06  | -32 25 |         |          |       | 434023 |
| 10472  | VILLA OLORES'BN, ARG  | 9011   | 12 03 | 8 07 15.89  | 8 56 00  | -55 35 |         |          |       | 434023 |
| 10474  | NAINI TAL'BN, INOIA   | 9006   | 12 04 | 15 44 10.18 | 23 19 30 | -9 44  |         |          |       | 434013 |
| 10470  | WOOMERA'BN, AUSTR.    | 9003   | 12 04 | 16 18 51.91 | 9 33 42  | -32 11 |         |          |       | 434023 |
| 10475  | JUPITER'BN, FLA.      | 9010   | 12 05 | 0 48 51.84  | 22 46 54 | 12 33  |         |          |       | 434013 |
| 10476  | JUPITER'BN, FLA.      | 9010   | 12 05 | 0 51 26.21  | 23 26 24 | 6 59   |         |          |       | 434013 |
| 10478  | NAINI TAL'BN, INOIA   | 9006   | 12 05 | 14 43 14.68 | 23 12 54 | -1 57  |         |          |       | 434013 |
| 10473  | WOOMERA'BN, AUSTR.    | 9003   | 12 05 | 17 44 16.96 | 6 45 36  | -57 46 |         |          |       | 434023 |
| 10477  | ORGAN PASS'BN, N.M.   | 9001   | 12 06 | 4 42 43.10  | 23 51 30 | -26 27 |         |          |       | 434023 |
| 10480  | TOKYO'BN, JAPAN       | 9005   | 12 06 | 8 58 57.50  | 22 23 00 | 10 44  |         |          |       | 434013 |
| 10479  | WOOMERA'BN, AUSTR.    | 9003   | 12 06 | 16 45 15.44 | 6 21 54  | -49 13 |         |          |       | 434023 |
| 10481  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 06 | 18 41 33.14 | 3 31 12  | 27 42  |         |          |       | 434013 |
| 10486  | NAINI TAL'BN, INOIA   | 9006   | 12 07 | 15 13 45.12 | 23 34 36 | -19 22 |         |          |       | 434013 |
| 10483  | WOOMERA'BN, AUSTR.    | 9003   | 12 07 | 18 12 39.20 | 8 26 36  | -55 35 |         |          |       | 434023 |
| 10485  | WOOMERA'BN, AUSTR.    | 9003   | 12 08 | 17 13 48.81 | 8 16 00  | -56 20 |         |          |       | 434023 |
| 10487  | WOOMERA'BN, AUSTR.    | 9003   | 12 09 | 11 17 27.59 | 3 36 42  | 21 20  |         |          |       | 434013 |
| 10488  | WOOMERA'BN, AUSTR.    | 9003   | 12 09 | 18 40 55.40 | 9 15 42  | -33 15 |         |          |       | 434023 |
| 30109  | CINCINNATI, OHIO      | 0050   | 12 10 | 0 39 58     | 22 19 54 | -6 58  |         |          |       | 845004 |
| 10492  | JUPITER'BN, FLA.      | 9010   | 12 10 | 23 43 39.26 | 22 35 54 | 2 04   |         |          |       | 434013 |
| 10490  | VILLA OLORES'BN, ARG  | 9011   | 12 12 | 1 37 37.45  | 3 28 18  | 5 51   |         |          |       | 434013 |
| 10491  | VILLA OLORES'BN, ARG  | 9011   | 12 12 | 6 31 51.50  | 3 33 36  | -33 40 |         |          |       | 434023 |
| 10489  | WOOMERA'BN, AUSTR.    | 9003   | 12 12 | 18 09 45.31 | 8 08 54  | -27 53 |         |          |       | 434023 |
| 10494  | AREQUIPA'BN, PERU     | 9007   | 12 13 | 0 32 44.33  | 2 35 00  | -1 01  |         |          |       | 434013 |
| 10493  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 13 | 1 03 57.48  | 7 59 36  | -67 10 |         |          |       | 434023 |
| 10496  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 13 | 19 06 04.97 | 2 42 48  | -6 00  |         |          |       | 434013 |
| 30110  | PRETORIA, S.AFR.      | 0405   | 12 13 | 19 07 01.1  | 3 13     | -9 06  |         |          |       | 845042 |
| 10497  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 14 | 0 04 38.27  | 6 59 12  | -70 52 |         |          |       | 434023 |
| 10498  | AREQUIPA'BN, PERU     | 9007   | 12 14 | 2 03 27.04  | 3 13 12  | -37 19 |         |          |       | 434023 |
| 10499  | VILLA OLORES'BN, ARG  | 9011   | 12 14 | 7 02 07.92  | 7 13 42  | -29 08 |         |          |       | 434023 |
| 10501  | WOOMERA'BN, AUSTR.    | 9003   | 12 14 | 18 37 06.65 | 6 54 54  | -2 13  |         |          |       | 434013 |
| 10503  | AREQUIPA'BN, PERU     | 9007   | 12 15 | 1 00 12.44  | 1 59 24  | -15 32 |         |          |       | 434013 |
| 10500  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 15 | 1 32 05.49  | 7 56 24  | -40 58 |         |          |       | 434023 |
| 10502  | AREQUIPA'BN, PERU     | 9007   | 12 15 | 3 32 22.93  | 3 10 00  | -64 11 |         |          |       | 434023 |
| 10504  | VILLA OLORES'BN, ARG  | 9011   | 12 15 | 3 34 11.23  | 3 38 18  | -30 37 |         |          |       | 434023 |
| 10505  | VILLA OLORES'BN, ARG  | 9011   | 12 15 | 3 38 24.49  | 7 59 36  | -33 43 |         |          |       | 434023 |
| 10506  | VILLA OLORES'BN, ARG  | 9011   | 12 15 | 6 03 11.16  | 7 11 24  | -41 10 |         |          |       | 434023 |
| 10507  | WOOMERA'BN, AUSTR.    | 9003   | 12 15 | 12 44 48.85 | 5 06 54  | -24 23 |         |          |       | 434023 |
| 10508  | WOOMERA'BN, AUSTR.    | 9003   | 12 15 | 15 12 07.36 | 6 30 06  | -48 14 |         |          |       | 434023 |
| 10509  | WOOMERA'BN, AUSTR.    | 9003   | 12 15 | 17 39 07.85 | 8 28 18  | -17 23 |         |          |       | 434013 |
| 10510  | SAN FERNANDO'BN, SP.  | 9004   | 12 15 | 19 00 10.90 | 21 47 48 | -16 36 |         |          |       | 434013 |
| 10511  | CURACAO'BN, N.W.I.    | 9009   | 12 15 | 23 49 27.47 | 23 12 24 | -20 54 |         |          |       | 434013 |
| 10514  | WOOMERA'BN, AUSTR.    | 9003   | 12 16 | 11 42 14.89 | 3 18 00  | -10 32 |         |          |       | 434013 |
| 10524  | VILLA OLORES'BN, ARG  | 9011   | 12 17 | 1 38 32.50  | 5 47 12  | -22 46 |         |          |       | 434013 |
| 10516  | WOOMERA'BN, AUSTR.    | 9003   | 12 17 | 15 40 27.77 | 7 13 12  | -45 01 |         |          |       | 434023 |

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| 10512  | OLIFANTSFTN'BN,S.AF   | 9002   | 12 17 | 20 05 15.08 | 4 04 54  | -44 35 |         |          |       | 434023 |
| 10525  | VILLA ODOLORES'BN,ARG | 9011   | 12 18 | 0 33 04.25  | 2 44 00  | -6 55  |         |          |       | 434013 |
| 10527  | VILLA ODOLORES'BN,ARG | 9011   | 12 18 | 2 56 39.74  | 0 56 00  | -15 58 |         |          |       | 434013 |
| 10519  | AREQUIPA'BN, PERU     | 9007   | 12 18 | 3 00 15.28  | 2 49 06  | -62 43 |         |          |       | 434023 |
| 10528  | VILLA ODOLORES'BN,ARG | 9011   | 12 18 | 5 32 57.34  | 8 24 24  | -30 48 |         |          |       | 434023 |
| 10530  | ORGAN PASS'BN, N.M.   | 9001   | 12 19 | 1 18 03.10  | 20 58 54 | -16 49 |         |          |       | 434013 |
| 10521  | AREQUIPA'BN, PERU     | 9007   | 12 19 | 1 58 36.79  | 2 07 00  | -50 15 |         |          |       | 434023 |
| 10531  | VILLA ODOLORES'BN,ARG | 9011   | 12 19 | 4 29 52.67  | 3 27 18  | -38 19 |         |          |       | 434023 |
| 10536  | VILLA ODOLORES'BN,ARG | 9011   | 12 20 | 1 02 26.92  | 3 14 54  | -21 46 |         |          |       | 434013 |
| 10537  | VILLA ODOLORES'BN,ARG | 9011   | 12 20 | 1 07 16.17  | 5 48 06  | -26 10 |         |          |       | 434023 |
| 10534  | AREQUIPA'BN, PERU     | 9007   | 12 20 | 3 29 27.02  | 3 38 48  | -71 12 |         |          |       | 434023 |
| 10538  | VILLA ODOLORES'BN,ARG | 9011   | 12 20 | 6 00 47.83  | 7 56 24  | -12 37 |         |          |       | 434013 |
| 10539  | VILLA ODOLORES'BN,ARG | 9011   | 12 21 | 2 27 09.83  | 1 39 00  | -27 18 |         |          |       | 434023 |
| 10540  | VILLA ODOLORES'BN,ARG | 9011   | 12 21 | 2 32 48.18  | 5 07 36  | -39 02 |         |          |       | 434023 |
| 10543  | OLIFANTSFTN'BN,S.AF   | 9002   | 12 22 | 20 01 17.70 | 3 56 00  | -52 34 |         |          |       | 434023 |
| 10547  | VILLA ODOLORES'BN,ARG | 9011   | 12 26 | 2 26 23.26  | 3 22 36  | -39 45 |         |          |       | 434023 |
| 10548  | VILLA ODOLORES'BN,ARG | 9011   | 12 26 | 2 31 54.36  | 7 13 42  | -31 21 |         |          |       | 434023 |
| 10549  | WOOMERA'BN, AUSTR.    | 9003   | 12 28 | 12 05 15.23 | 5 06 30  | -39 43 |         |          |       | 434023 |
| 10550  | WOOMERA'BN, AUSTR.    | 9003   | 12 28 | 14 33 34.93 | 5 50 30  | -22 05 |         |          |       | 434013 |
| 10551  | SHIRAZ'BN, IRAN       | 9008   | 12 29 | 2 35 36.77  | 13 14 18 | 2 06   |         |          |       | 434013 |
| 10553  | VILLA ODOLORES'BN,ARG | 9011   | 12 29 | 4 24 02.10  | 4 52 06  | -16 04 |         |          |       | 434013 |
| 10554  | WOOMERA'BN, AUSTR.    | 9003   | 12 29 | 11 02 17.44 | 3 23 54  | -39 29 |         |          |       | 434023 |
| 10555  | VILLA ODOLORES'BN,ARG | 9011   | 12 30 | 3 22 04.59  | 3 31 30  | -29 54 |         |          |       | 434023 |
| 10556  | VILLA ODOLORES'BN,ARG | 9011   | 12 30 | 3 27 17.69  | 6 44 00  | -15 28 |         |          |       | 434013 |

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| 10333  | MAUI'BN, HAWAII | 9012   | 7 28 | 13 56 08.52 | 0 14 12 | 50 30 |         |          |       | 434013 |

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| 30020  | TERRE HAUTE, INO.     | 8127   | 8 01 | 2 56 09.0   |          |        | 160 00  | 45 00    |       | 845303 |
| 10145  | VILLA ODOLORES'BN,ARG | 9011   | 8 20 | 8 49 38.02  | 2 50 42  | -25 16 |         |          |       | 434013 |
| 10148  | SHIRAZ'BN, IRAN       | 9008   | 8 21 | 16 29 04.89 | 17 57 48 | 35 06  |         |          |       | 434013 |
| 10149  | CURACAO'BN, N.W.I.    | 9009   | 8 22 | 1 49 39.36  | 19 50 42 | 57 06  |         |          |       | 434013 |
| 10161  | SHIRAZ'BN, IRAN       | 9008   | 8 24 | 18 24 33.22 | 17 30 30 | -5 26  |         |          |       | 434013 |
| 10173  | SHIRAZ'BN, IRAN       | 9008   | 8 28 | 16 54 41.50 | 18 01 54 | -2 46  |         |          |       | 434013 |

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| 00593  | BRATISLAVA, CZECH. | 8126   | 2 26 | 18 15 48.8 | 5 29 30  | 47 42 |         |          |       | 834009 |
| 00594  | BRATISLAVA, CZECH. | 8126   | 2 26 | 18 15 58.9 | 5 56 48  | 45 48 |         |          |       | 834009 |
| 00724  | BRATISLAVA, CZECH. | 8126   | 2 27 | 18 21 44.4 | 4 43 12  | 40 14 |         |          |       | 834040 |
| 00595  | BRATISLAVA, CZECH. | 8126   | 3 01 | 18 33 5    | 4 15 00  | 21 18 |         |          |       | 834009 |
| 00596  | BRATISLAVA, CZECH. | 8126   | 3 02 | 18 39 35.4 | 4 11 18  | 13 00 |         |          |       | 834009 |
| 00599  | BRATISLAVA, CZECH. | 8126   | 4 04 | 2 52 32.1  | 22 36 12 | 39 42 |         |          |       | 834009 |
| 00597  | BRATISLAVA, CZECH. | 8126   | 4 04 | 3 06 45.2  | 19 20 00 | 64 48 |         |          |       | 834009 |
| 00598  | BRATISLAVA, CZECH. | 8126   | 4 05 | 2 51 33.8  | 18 20 48 | 71 12 |         |          |       | 834009 |
| 00600  | BRATISLAVA, CZECH. | 8126   | 4 06 | 2 35 52.5  | 17 00 00 | 68 48 |         |          |       | 834009 |
| 00601  | BRATISLAVA, CZECH. | 8126   | 4 22 | 21 35 05.3 | 11 54 30 | 58 12 |         |          |       | 834009 |

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| 00602  | BRATISLAVA, CZECH. | 8126   | 4 25 | 19 16 38.8 | 10 27 42 | 47 18  |         |          |       | 834009 |
| 00603  | BRATISLAVA, CZECH. | 8126   | 4 25 | 19 17 23.3 | 12 18 00 | 49 00  |         |          |       | 834009 |
| 00604  | BRATISLAVA, CZECH. | 8126   | 4 25 | 19 18 15.6 | 14 14 48 | 46 00  |         |          |       | 834009 |
| 00605  | BRATISLAVA, CZECH. | 8126   | 4 25 | 21 02 37.8 | 12 28 00 | 67 48  |         |          |       | 834009 |
| 00606  | BRATISLAVA, CZECH. | 8126   | 4 25 | 21 03 20.7 | 13 50    | 65 00  |         |          |       | 834009 |
| 00607  | BRATISLAVA, CZECH. | 8126   | 4 25 | 21 03 57.9 | 14 50    | 59 24  |         |          |       | 834009 |
| 00718  | BRATISLAVA, CZECH. | 8126   | 4 26 | 20 34 30.2 | 12 00 24 | 67 36  |         |          |       | 834009 |
| 00719  | BRATISLAVA, CZECH. | 8126   | 4 26 | 20 34 52.6 | 13 40 00 | 65 00  |         |          |       | 834009 |
| 00720  | BRATISLAVA, CZECH. | 8126   | 4 26 | 20 35 57.0 | 16 22 36 | 46 24  |         |          |       | 834009 |
| 00609  | BRATISLAVA, CZECH. | 8126   | 5 03 | 20 31 49.8 | 12 32 00 | 8 42   |         |          |       | 834009 |
| 00610  | BRATISLAVA, CZECH. | 8126   | 5 03 | 20 32 05.9 | 12 54 00 | 4 06   |         |          |       | 834009 |
| 00611  | BRATISLAVA, CZECH. | 8126   | 5 04 | 19 58 23.4 | 12 00 18 | 19 36  |         |          |       | 834009 |
| 00612  | BRATISLAVA, CZECH. | 8126   | 5 04 | 19 59 06.3 | 13 00 06 | 11 18  |         |          |       | 834009 |
| 00613  | BRATISLAVA, CZECH. | 8126   | 5 04 | 20 00 22.1 | 14 18 54 | - 1 42 |         |          |       | 834009 |
| 00725  | BRATISLAVA, CZECH. | 8126   | 5 05 | 19 25 26.2 | 12 56 18 | 16 59  |         |          |       | 834040 |
| 00723  | BRATISLAVA, CZECH. | 8126   | 5 05 | 19 25 32.3 | 14 00 12 | 4 48   |         |          |       | 834009 |
| 00722  | BRATISLAVA, CZECH. | 8126   | 5 05 | 19 25 41.6 | 13 14 12 | 13 48  |         |          |       | 834009 |
| 00727  | BRATISLAVA, CZECH. | 8126   | 5 05 | 19 26 32.3 | 14 00 12 | 4 49   |         |          |       | 834040 |

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| 10550  | AREQUIPA*BN, PERU     | 9007   | 9 01 | 8 10 35.82  | 0 06 24  | 36 53  |         |          |       | 434013 |
| 10552  | CURACAO*BN, N.W.I.    | 9009   | 9 01 | 8 19 20.57  | 2 38 48  | 21 31  |         |          |       | 434013 |
| 10545  | JUPITER*BN, FLA.      | 9010   | 9 01 | 8 20 29.71  | 3 54 18  | - 2 02 |         |          |       | 434013 |
| 10548  | WOOMERA*BN, AUSTR.    | 9003   | 9 01 | 9 35 25.56  | 19 11 36 | -34 23 |         |          |       | 434023 |
| 10553  | MAUI*BN, HAWAII       | 9012   | 9 01 | 12 22 12.07 | 2 42 36  | -16 42 |         |          |       | 434013 |
| 10554  | MAUI*BN, HAWAII       | 9012   | 9 01 | 14 39 46.52 | 2 59 18  | 17 54  |         |          |       | 434013 |
| 10547  | OLIFANTSFNTN*BN,S.AF  | 9002   | 9 01 | 18 00 14.80 | 16 06 36 | -68 58 |         |          |       | 434023 |
| 10555  | SHIRAZ*BN, IRAN       | 9008   | 9 01 | 22 52 41.68 | 2 47 30  | -17 51 |         |          |       | 434013 |
| 10569  | VILLA ODOLORES*BN,ARG | 9011   | 9 02 | 0 17 21.86  | 18 08 00 | -40 19 |         |          |       | 434023 |
| 10556  | SHIRAZ*BN, IRAN       | 9008   | 9 02 | 1 11 28.84  | 3 45 18  | 13 55  |         |          |       | 434013 |
| 10549  | SAN FERNANDO*BN, SP.  | 9004   | 9 02 | 3 09 55.40  | 3 51 36  | -10 03 |         |          |       | 434013 |
| 10560  | WOOMERA*BN, AUSTR.    | 9003   | 9 02 | 10 44 30.27 | 17 40 30 | -45 50 |         |          |       | 434023 |
| 10574  | MAUI*BN, HAWAII       | 9012   | 9 02 | 13 33 21.58 | 2 25 18  | 3 08   |         |          |       | 434013 |
| 10557  | OLIFANTSFNTN*BN,S.AF  | 9002   | 9 02 | 16 57 05.30 | 13 49 18 | -63 03 |         |          |       | 434023 |
| 10570  | VILLA ODOLORES*BN,ARG | 9011   | 9 02 | 23 14 17.85 | 16 28 18 | -35 05 |         |          |       | 434023 |
| 10565  | SHIRAZ*BN, IRAN       | 9008   | 9 03 | 1 05 33.22  | 3 11 54  | 3 03   |         |          |       | 434013 |
| 10562  | SAN FERNANDO*BN, SP.  | 9004   | 9 03 | 4 21 28.40  | 4 15 00  | 3 41   |         |          |       | 434013 |
| 10567  | CURACAO*BN, N.W.I.    | 9009   | 9 03 | 8 24 05.30  | 2 34 36  | 27 18  |         |          |       | 434013 |
| 10575  | MAUI*BN, HAWAII       | 9012   | 9 03 | 14 44 54.15 | 2 33 36  | 27 12  |         |          |       | 434013 |
| 10558  | OLIFANTSFNTN*BN,S.AF  | 9002   | 9 03 | 18 07 31.10 | 16 31 00 | -69 18 |         |          |       | 434023 |
| 10566  | SHIRAZ*BN, IRAN       | 9008   | 9 03 | 23 01 21.24 | 3 09 36  | - 4 05 |         |          |       | 434013 |
| 10571  | VILLA ODOLORES*BN,ARG | 9011   | 9 04 | 0 24 02.95  | 17 09 00 | -36 05 |         |          |       | 434023 |
| 10568  | CURACAO*BN, N.W.I.    | 9009   | 9 04 | 7 38 30.54  | 2 15 48  | 49 18  |         |          |       | 434013 |
| 10561  | WOOMERA*BN, AUSTR.    | 9003   | 9 04 | 10 51 41.64 | 17 52 30 | -42 37 |         |          |       | 434023 |
| 10576  | MAUI*BN, HAWAII       | 9012   | 9 04 | 13 40 46.01 | 2 24 42  | 17 14  |         |          |       | 434013 |
| 10559  | OLIFANTSFNTN*BN,S.AF  | 9002   | 9 04 | 17 05 14.00 | 18 12 00 | -78 06 |         |          |       | 434023 |
| 10572  | VILLA ODOLORES*BN,ARG | 9011   | 9 04 | 23 19 04.96 | 12 55 00 | -15 18 |         |          |       | 434013 |
| 10573  | VILLA ODOLORES*BN,ARG | 9011   | 9 04 | 23 23 03.48 | 20 42 00 | -33 58 |         |          |       | 434023 |
| 10563  | SAN FERNANDO*BN, SP.  | 9004   | 9 05 | 4 25 12.70  | 3 17 48  | 7 31   |         |          |       | 434013 |
| 10577  | MAUI*BN, HAWAII       | 9012   | 9 05 | 12 36 06.93 | 2 23 30  | 6 42   |         |          |       | 434013 |
| 10578  | MAUI*BN, HAWAII       | 9012   | 9 05 | 14 53 36.95 | 2 48 36  | 38 41  |         |          |       | 434013 |
| 10582  | OLIFANTSFNTN*BN,S.AF  | 9002   | 9 05 | 18 14 01.60 | 16 09 48 | -62 00 |         |          |       | 434023 |
| 10579  | NAINI TAL*BN, INOIA   | 9006   | 9 05 | 23 16 10.02 | 2 58 06  | 24 53  |         |          |       | 434013 |
| 10581  | VILLA ODOLORES*BN,ARG | 9011   | 9 06 | 0 30 27.41  | 15 58 54 | -25 04 |         |          |       | 434023 |
| 10564  | SAN FERNANDO*BN, SP.  | 9004   | 9 06 | 3 21 24.30  | 3 18 12  | 1 22   |         |          |       | 434013 |
| 10580  | JUPITER*BN, FLA.      | 9010   | 9 06 | 9 44 05.11  | 3 30 18  | 31 56  |         |          |       | 434013 |
| 10585  | VILLA ODOLORES*BN,ARG | 9011   | 9 06 | 23 30 33.04 | 21 12 36 | -24 04 |         |          |       | 434023 |
| 10583  | SAN FERNANDO*BN, SP.  | 9004   | 9 07 | 2 14 31.30  | 2 23 54  | - 9 25 |         |          |       | 434013 |
| 10584  | SAN FERNANDO*BN, SP.  | 9004   | 9 07 | 4 33 41.20  | 3 58 18  | 16 45  |         |          |       | 434013 |
| 10588  | MAUI*BN, HAWAII       | 9012   | 9 07 | 12 41 22.90 | 1 37 24  | 14 38  |         |          |       | 434013 |
| 10587  | NAINI TAL*BN, INOIA   | 9006   | 9 07 | 23 24 29.61 | 3 41 18  | 34 14  |         |          |       | 434013 |
| 10586  | SAN FERNANDO*BN, SP.  | 9004   | 9 08 | 3 28 01.00  | 3 18 36  | 8 57   |         |          |       | 434013 |
| 10589  | WOOMERA*BN, AUSTR.    | 9003   | 9 08 | 11 04 54.30 | 16 06 42 | -16 20 |         |          |       | 434013 |
| 10590  | OLIFANTSFNTN*BN,S.AF  | 9002   | 9 08 | 17 19 19.90 | 16 35 12 | -71 16 |         |          |       | 434023 |
| 10591  | SAN FERNANDO*BN, SP.  | 9004   | 9 09 | 4 39 39.90  | 3 49 48  | 21 22  |         |          |       | 434013 |
| 10600  | MAUI*BN, HAWAII       | 9012   | 9 09 | 12 48 13.60 | 1 26 30  | 27 05  |         |          |       | 434013 |
| 10601  | MAUI*BN, HAWAII       | 9012   | 9 09 | 15 08 00.58 | 3 18 36  | 51 28  |         |          |       | 434013 |
| 10598  | CURACAO*BN, N.W.I.    | 9009   | 9 10 | 7 40 10.81  | 0 54 18  | 50 05  |         |          |       | 434013 |
| 10592  | OLIFANTSFNTN*BN,S.AF  | 9002   | 9 10 | 17 26 50.20 | 18 13 18 | -57 28 |         |          |       | 434023 |
| 10602  | VILLA ODOLORES*BN,ARG | 9011   | 9 10 | 23 43 07.09 | 17 25 18 | - 6 03 |         |          |       | 434013 |

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| 10597  | SHIRAZ'BN, IRAN      | 9008   | 9 11 | 0 31 10.32  | 2 38 30  | 33 49  |         |          |       | 434013 |
| 10593  | SAN FERNANDO'BN, SP. | 9004   | 9 11 | 2 26 52.80  | 1 53 42  | 2 18   |         |          |       | 434013 |
| 10594  | SAN FERNANDO'BN, SP. | 9004   | 9 11 | 4 45 21.30  | 3 35 54  | 24 17  |         |          |       | 434013 |
| 10599  | MAUI'BN, HAWAII      | 9012   | 9 11 | 12 54 13.21 | 0 54 18  | 35 24  |         |          |       | 434013 |
| 10596  | SHIRAZ'BN, IRAN      | 9008   | 9 11 | 23 26 01.29 | 2 11 42  | 28 16  |         |          |       | 434013 |
| 10595  | SAN FERNANDO'BN, SP. | 9004   | 9 12 | 3 39 52.20  | 2 56 06  | 19 45  |         |          |       | 434013 |
| 30106  | WICHITA, KAN.        | 0028   | 9 12 | 9 56 49.0   | 2 53 24  | 19 02  |         |          |       | 845043 |
| 10603  | OLIFANTSFNTH'BN,S.AF | 9002   | 9 12 | 17 33 55.50 | 17 47 48 | -31 02 |         |          |       | 434023 |
| 10609  | SHIRAZ'BN, IRAN      | 9008   | 9 12 | 22 21 39.51 | 2 04 06  | 21 21  |         |          |       | 434013 |
| 10608  | AREQUIPA'BN, PERU    | 9007   | 9 12 | 23 50 22.93 | 22 47 30 | -71 35 |         |          |       | 434023 |
| 10611  | VILLA DOLORES'BN,ARG | 9011   | 9 12 | 23 51 03.87 | 18 51 12 | 19 35  |         |          |       | 434013 |
| 10610  | SHIRAZ'BN, IRAN      | 9008   | 9 13 | 0 39 09.80  | 3 25 18  | 38 38  |         |          |       | 434013 |
| 10604  | SAN FERNANDO'BN, SP. | 9004   | 9 13 | 2 34 57.00  | 2 27 54  | 13 05  |         |          |       | 434013 |
| 10605  | SAN FERNANDO'BN, SP. | 9004   | 9 13 | 4 51 27.80  | 3 33 54  | 25 48  |         |          |       | 434013 |
| 10606  | CURACAO'BN, N.W.I.   | 9009   | 9 13 | 6 44 10.83  | 1 50 06  | 57 02  |         |          |       | 434013 |
| 10607  | CURACAO'BN, N.W.I.   | 9009   | 9 13 | 8 01 11.17  | 2 32 06  | 63 14  |         |          |       | 434013 |
| 10615  | MAUI'BN, HAWAII      | 9012   | 9 13 | 13 00 59.03 | 4 05 36  | 53 46  |         |          |       | 434013 |
| 10616  | MAUI'BN, HAWAII      | 9012   | 9 13 | 15 22 05.86 | 0 47 06  | 43 45  |         |          |       | 434013 |
| 10613  | MAINI TAL'BN, INDIA  | 9006   | 9 13 | 21 24 52.22 | 1 44 24  | 31 22  |         |          |       | 434013 |
| 10617  | SHIRAZ'BN, IRAN      | 9008   | 9 13 | 23 33 00.09 | 2 25 18  | 34 58  |         |          |       | 434013 |
| 10612  | SAN FERNANDO'BN, SP. | 9004   | 9 14 | 3 45 04.20  | 2 29 48  | 22 31  |         |          |       | 434013 |
| 10618  | JUPITER'BN, FLA.     | 9010   | 9 14 | 7 50 04.41  | 0 58 30  | 33 15  |         |          |       | 434013 |
| 30107  | N. CANTON, OHIO      | 8559   | 9 14 | 7 51 54.9   | 2 08 25  | 8 55   |         |          |       | 845033 |
| 10614  | CURACAO'BN, N.W.I.   | 9009   | 9 14 | 7 55 17.88  | 1 42 00  | 62 48  |         |          |       | 434013 |
| 10619  | JUPITER'BN, FLA.     | 9010   | 9 14 | 10 09 05.64 | 3 14 06  | 43 01  |         |          |       | 434013 |
| 10622  | MAUI'BN, HAWAII      | 9012   | 9 14 | 14 14 29.99 | 2 15 54  | 53 37  |         |          |       | 434013 |
| 10620  | OLIFANTSFNTH'BN,S.AF | 9002   | 9 14 | 17 41 02.10 | 17 24 54 | 2 37   |         |          |       | 434013 |
| 10623  | TOKYO'BN, JAPAN      | 9005   | 9 14 | 18 26 21.70 | 3 09 00  | 26 51  |         |          |       | 434013 |
| 10624  | SHIRAZ'BN, IRAN      | 9008   | 9 14 | 22 31 12.33 | 3 31 06  | 31 01  |         |          |       | 434013 |
| 10625  | SHIRAZ'BN, IRAN      | 9008   | 9 15 | 0 45 34.30  | 3 30 54  | 39 05  |         |          |       | 434013 |
| 10621  | SAN FERNANDO'BN, SP. | 9004   | 9 15 | 2 40 16.20  | 1 59 06  | 17 10  |         |          |       | 434013 |
| 10626  | JUPITER'BN, FLA.     | 9010   | 9 15 | 9 04 50.57  | 3 14 00  | 44 20  |         |          |       | 434013 |
| 10627  | MAUI'BN, HAWAII      | 9012   | 9 15 | 13 07 41.08 | 0 44 00  | 49 38  |         |          |       | 434013 |
| 10633  | TOKYO'BN, JAPAN      | 9005   | 9 15 | 17 21 07.10 | 2 29 48  | 23 41  |         |          |       | 434013 |
| 10635  | SHIRAZ'BN, IRAN      | 9008   | 9 15 | 23 39 45.10 | 2 37 36  | 38 38  |         |          |       | 434013 |
| 30108  | N. CANTON, OHIO      | 8559   | 9 16 | 7 58 47.8   | 2 21 45  | 13 40  |         |          |       | 845032 |
| 30109  | DALLAS, TEX.         | 0129   | 9 16 | 10 10 33.1  | 3 25 12  | 33 18  |         |          |       | 845043 |
| 10645  | MAUI'BN, HAWAII      | 9012   | 9 16 | 14 24 36.20 | 4 33 12  | 53 02  |         |          |       | 434013 |
| 10636  | SHIRAZ'BN, IRAN      | 9008   | 9 16 | 22 34 56.59 | 1 36 54  | 34 35  |         |          |       | 434013 |
| 10637  | SHIRAZ'BN, IRAN      | 9008   | 9 17 | 0 53 07.02  | 4 10 18  | 36 25  |         |          |       | 434013 |
| 10628  | SAN FERNANDO'BN, SP. | 9004   | 9 17 | 2 46 41.50  | 2 00 36  | 21 44  |         |          |       | 434013 |
| 10629  | SAN FERNANDO'BN, SP. | 9004   | 9 17 | 5 04 03.30  | 3 42 18  | 22 38  |         |          |       | 434013 |
| 10643  | JUPITER'BN, FLA.     | 9010   | 9 17 | 6 56 41.17  | 3 18 00  | 39 19  |         |          |       | 434013 |
| 10644  | JUPITER'BN, FLA.     | 9010   | 9 17 | 9 11 52.47  | 3 40 06  | 43 29  |         |          |       | 434013 |
| 10641  | CURACAO'BN, N.W.I.   | 9009   | 9 17 | 9 17 56.34  | 3 06 06  | 59 32  |         |          |       | 434013 |
| 10646  | MAUI'BN, HAWAII      | 9012   | 9 17 | 13 18 33.90 | 3 48 48  | 55 12  |         |          |       | 434013 |
| 10638  | SHIRAZ'BN, IRAN      | 9008   | 9 17 | 23 46 30.50 | 2 54 42  | 39 35  |         |          |       | 434013 |
| 10630  | SAN FERNANDO'BN, SP. | 9004   | 9 18 | 3 59 07.20  | 3 13 06  | 24 47  |         |          |       | 434013 |
| 10642  | CURACAO'BN, N.W.I.   | 9009   | 9 18 | 8 11 47.68  | 4 15 18  | 63 23  |         |          |       | 434013 |
| 10639  | SHIRAZ'BN, IRAN      | 9008   | 9 18 | 22 41 27.44 | 2 17 48  | 39 22  |         |          |       | 434013 |
| 10634  | MAINI TAL'BN, INDIA  | 9006   | 9 18 | 22 53 52.12 | 6 45 12  | 32 23  |         |          |       | 434013 |
| 10647  | AREQUIPA'BN, PERU    | 9007   | 9 19 | 0 11 43.91  | 18 03 24 | 8 48   |         |          |       | 434013 |
| 10640  | SHIRAZ'BN, IRAN      | 9008   | 9 19 | 1 00 21.19  | 4 35 54  | 30 35  |         |          |       | 434013 |
| 10631  | SAN FERNANDO'BN, SP. | 9004   | 9 19 | 2 52 43.00  | 1 52 24  | 23 53  |         |          |       | 434013 |
| 10632  | SAN FERNANDO'BN, SP. | 9004   | 9 19 | 5 10 44.40  | 3 54 54  | 17 25  |         |          |       | 434013 |
| 10648  | CURACAO'BN, N.W.I.   | 9009   | 9 19 | 7 04 22.59  | 20 10 06 | 67 58  |         |          |       | 434013 |
| 30110  | FT. WORTH, TEX.      | 0139   | 9 19 | 9 11 07.17  | 2 30 42  | 33 09  |         |          |       | 845013 |
| 10650  | JUPITER'BN, FLA.     | 9010   | 9 19 | 9 22 18.07  | 5 35 00  | 32 44  |         |          |       | 434013 |
| 10649  | CURACAO'BN, N.W.I.   | 9009   | 9 19 | 9 26 08.38  | 5 52 48  | 51 25  |         |          |       | 434013 |
| 10654  | MAUI'BN, HAWAII      | 9012   | 9 19 | 13 22 50.87 | 2 14 00  | 56 37  |         |          |       | 434013 |
| 10651  | OLIFANTSFNTH'BN,S.AF | 9002   | 9 19 | 16 52 41.50 | 16 46 12 | 30 52  |         |          |       | 434013 |
| 10653  | MAINI TAL'BN, INDIA  | 9006   | 9 19 | 21 44 05.82 | 1 45 30  | 39 43  |         |          |       | 434013 |
| 10655  | SHIRAZ'BN, IRAN      | 9008   | 9 19 | 23 53 10.83 | 3 09 06  | 37 44  |         |          |       | 434013 |
| 10652  | SAN FERNANDO'BN, SP. | 9004   | 9 20 | 4 05 04.10  | 3 07 12  | 22 04  |         |          |       | 434013 |
| 10662  | SHIRAZ'BN, IRAN      | 9008   | 9 20 | 22 48 22.24 | 2 41 48  | 40 06  |         |          |       | 434013 |
| 10657  | MAINI TAL'BN, INDIA  | 9006   | 9 20 | 23 00 10.76 | 4 42 00  | 25 59  |         |          |       | 434013 |
| 10661  | SHIRAZ'BN, IRAN      | 9008   | 9 21 | 1 06 26.43  | 4 27 24  | 23 44  |         |          |       | 434013 |
| 30111  | DENVER, COLO.        | 8582   | 9 21 | 2 14 43.8   |          |        | 181 18  | 67 48    |       | 845033 |
| 10656  | SAN FERNANDO'BN, SP. | 9004   | 9 21 | 3 00 25.20  | 2 39 36  | 23 57  |         |          |       | 434013 |
| 10663  | CURACAO'BN, N.W.I.   | 9009   | 9 21 | 7 10 36.52  | 1 55 06  | 68 03  |         |          |       | 434013 |
| 10658  | JUPITER'BN, FLA.     | 9010   | 9 21 | 9 23 23.87  | 3 07 30  | 36 30  |         |          |       | 434013 |
| 10664  | CURACAO'BN, N.W.I.   | 9009   | 9 21 | 9 34 21.53  | 6 23 06  | 39 48  |         |          |       | 434013 |
| 10660  | MAINI TAL'BN, INDIA  | 9006   | 9 21 | 21 51 55.66 | 2 42 12  | 37 03  |         |          |       | 434013 |
| 10665  | SHIRAZ'BN, IRAN      | 9008   | 9 22 | 0 00 15.56  | 3 34 12  | 32 18  |         |          |       | 434013 |
| 10659  | SAN FERNANDO'BN, SP. | 9004   | 9 22 | 4 10 57.90  | 2 59 12  | 17 30  |         |          |       | 434013 |
| 12569  | MAUI'BN, HAWAII      | 9012   | 9 22 | 14 44 55.19 | 4 57 42  | 35 20  |         |          |       | 434013 |
| 10672  | TOKYO'BN, JAPAN      | 9005   | 9 22 | 16 37 17.90 | 3 08 42  | 24 12  |         |          |       | 434013 |
| 10666  | SHIRAZ'BN, IRAN      | 9008   | 9 22 | 22 54 48.59 | 2 47 18  | 38 05  |         |          |       | 434013 |
| 10667  | SHIRAZ'BN, IRAN      | 9008   | 9 23 | 1 12 12.48  | 4 09 30  | 15 59  |         |          |       | 434013 |
| 10668  | CURACAO'BN, N.W.I.   | 9009   | 9 23 | 7 19 09.97  | 3 49 30  | 63 44  |         |          |       | 434013 |
| 10677  | MAUI'BN, HAWAII      | 9012   | 9 23 | 13 39 35.57 | 4 41 48  | 43 12  |         |          |       | 434013 |

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| 10673  | NAINI TAL'BN, INOIA   | 9006   | 9 23  | 21 59 01.85 | 3 07 54  | 30 22  |         |          |       | 434013 |
| 10674  | SHIRAZ'BN, IRAN       | 9008   | 9 24  | 0 06 50.54  | 3 39 24  | 24 42  |         |          |       | 434013 |
| 10670  | SAN FERNANDO'BN, SP.  | 9004   | 9 24  | 4 18 03.80  | 3 20 16  | 9 34   |         |          |       | 434013 |
| 30112  | OENVER, COLO.         | 8582   | 9 24  | 10 32 22.5  |          |        | 198 42  | 56 00    |       | 845303 |
| 10678  | MAUI'BN, HAWAII       | 9012   | 9 24  | 12 32 16.73 | 2 59 42  | 55 55  |         |          |       | 434013 |
| 10679  | MAUI'BN, HAWAII       | 9012   | 9 24  | 14 50 00.04 | 4 13 48  | 28 59  |         |          |       | 434013 |
| 10675  | SHIRAZ'BN, IRAN       | 9008   | 9 24  | 23 01 25.44 | 2 55 42  | 33 00  |         |          |       | 434013 |
| 10676  | SHIRAZ'BN, IRAN       | 9008   | 9 25  | 1 19 10.42  | 4 16 36  | 4 32   |         |          |       | 434013 |
| 30113  | OENVER, COLO.         | 8582   | 9 25  | 9 27 27.0   |          |        | 192 36  | 60 54    |       | 845303 |
| 30114  | OENVER, COLO.         | 8582   | 9 25  | 11 43 44.2  |          |        | 209 00  | 40 54    |       | 845303 |
| 10680  | MAUI'BN, HAWAII       | 9012   | 9 25  | 13 44 18.51 | 3 41 18  | 40 48  |         |          |       | 434013 |
| 10684  | CURACAO'BN, N.W.I.    | 9009   | 9 25  | 23 34 19.36 | 21 32 30 | -38 36 |         |          |       | 434023 |
| 10683  | SHIRAZ'BN, IRAN       | 9008   | 9 26  | 0 12 32.63  | 3 17 12  | 16 55  |         |          |       | 434013 |
| 10671  | SAN FERNANDO'BN, SP.  | 9004   | 9 26  | 4 24 30.80  | 3 21 06  | 1 08   |         |          |       | 434013 |
| 10685  | CURACAO'BN, N.W.I.    | 9009   | 9 26  | 8 41 54.85  | 5 46 12  | 29 21  |         |          |       | 434013 |
| 30115  | OENVER, COLO.         | 8582   | 9 26  | 10 38 45.0  |          |        | 203 42  | 48 06    |       | 845303 |
| 10681  | NAINI TAL'BN, INOIA   | 9006   | 9 26  | 21 02 30.36 | 3 42 00  | 25 24  |         |          |       | 434013 |
| 10686  | SHIRAZ'BN, IRAN       | 9008   | 9 26  | 23 07 39.49 | 2 49 06  | 25 52  |         |          |       | 434013 |
| 10682  | NAINI TAL'BN, INOIA   | 9006   | 9 26  | 23 17 20.45 | 3 39 30  | 1 34   |         |          |       | 434013 |
| 10687  | SHIRAZ'BN, IRAN       | 9008   | 9 27  | 1 25 02.42  | 3 58 30  | - 4 38 |         |          |       | 434013 |
| 11090  | CURACAO'BN, N.W.I.    | 9009   | 9 27  | 7 32 11.52  | 3 37 12  | 53 59  |         |          |       | 434013 |
| 10688  | NAINI TAL'BN, INOIA   | 9006   | 9 27  | 22 11 08.34 | 2 43 06  | 13 19  |         |          |       | 434013 |
| 10689  | SHIRAZ'BN, IRAN       | 9008   | 9 28  | 0 19 29.00  | 3 36 36  | 3 50   |         |          |       | 434013 |
| 10690  | CURACAO'BN, N.W.I.    | 9009   | 9 28  | 8 46 45.34  | 4 53 06  | 22 58  |         |          |       | 434013 |
| 10694  | MAUI'BN, HAWAII       | 9012   | 9 28  | 12 46 37.33 | 3 44 00  | 39 29  |         |          |       | 434013 |
| 10692  | NAINI TAL'BN, INOIA   | 9006   | 9 28  | 13 46 55.97 | 19 18 42 | 19 20  |         |          |       | 434013 |
| 10695  | MAUI'BN, HAWAII       | 9012   | 9 28  | 15 03 49.55 | 4 13 18  | 1 44   |         |          |       | 434013 |
| 10696  | SHIRAZ'BN, IRAN       | 9008   | 9 28  | 23 14 06.78 | 3 09 12  | 13 37  |         |          |       | 434013 |
| 10697  | JUPITER'BN, FLA.      | 9010   | 9 29  | 7 57 11.74  | 4 21 48  | 15 58  |         |          |       | 434013 |
| 10693  | CURACAO'BN, N.W.I.    | 9009   | 9 29  | 7 39 49.46  | 4 01 18  | 41 39  |         |          |       | 434013 |
| 10691  | ORGAN PASS'BN, N.M.   | 9001   | 9 29  | 9 42 43.20  | 3 36 12  | 4 21   |         |          |       | 434013 |
| 10698  | JUPITER'BN, FLA.      | 9010   | 9 29  | 9 49 02.78  | 2 59 54  | - 2 22 |         |          |       | 434013 |
| 10699  | TOKYO'BN, JAPAN       | 9005   | 9 29  | 18 05 12.70 | 2 31 06  | - 4 31 |         |          |       | 434013 |
| 10700  | NAINI TAL'BN, INOIA   | 9006   | 9 29  | 22 18 31.74 | 3 02 30  | - 0 17 |         |          |       | 434013 |
| 10710  | CURACAO'BN, N.W.I.    | 9009   | 9 29  | 23 48 01.35 | 18 24 24 | 38 18  |         |          |       | 434013 |
| 10701  | SHIRAZ'BN, IRAN       | 9008   | 9 30  | 0 25 18.98  | 3 03 42  | - 4 32 |         |          |       | 434013 |
| 10703  | JUPITER'BN, FLA.      | 9010   | 9 30  | 8 47 52.31  | 4 05 06  | - 3 30 |         |          |       | 434013 |
| 10711  | CURACAO'BN, N.W.I.    | 9009   | 9 30  | 8 53 17.30  | 4 35 30  | 8 52   |         |          |       | 434013 |
| 10702  | ORGAN PASS'BN, N.M.   | 9001   | 9 30  | 10 50 57.90 | 2 40 12  | - 6 45 |         |          |       | 434013 |
| 10709  | MAUI'BN, HAWAII       | 9012   | 9 30  | 15 10 36.76 | 4 05 54  | -11 37 |         |          |       | 434013 |
| 10704  | SHIRAZ'BN, IRAN       | 9008   | 9 30  | 23 21 30.33 | 3 05 00  | 1 27   |         |          |       | 434013 |
| 10707  | JUPITER'BN, FLA.      | 9010   | 10 01 | 9 58 47.46  | 3 54 54  | -21 02 |         |          |       | 434013 |
| 10705  | CURACAO'BN, N.W.I.    | 9009   | 10 01 | 23 54 48.86 | 16 25 30 | 58 18  |         |          |       | 434013 |
| 10708  | JUPITER'BN, FLA.      | 9010   | 10 02 | 8 52 52.83  | 3 19 00  | -11 29 |         |          |       | 434013 |
| 10706  | CURACAO'BN, N.W.I.    | 9009   | 10 02 | 8 59 35.77  | 4 12 18  | - 5 09 |         |          |       | 434013 |
| 10712  | MAUI'BN, HAWAII       | 9012   | 10 03 | 5 11 20.90  | 20 35 42 | 15 35  |         |          |       | 434013 |
| 10713  | MAUI'BN, HAWAII       | 9012   | 10 03 | 14 10 50.69 | 3 10 24  | -11 00 |         |          |       | 434013 |
| 10714  | SHIRAZ'BN, IRAN       | 9008   | 10 03 | 15 40 43.26 | 21 04 42 | -18 09 |         |          |       | 434013 |
| 50004  | LAREDO'RAOAR, TEX.    | 4012   | 10 04 | 2 09 02.5   |          |        | 159 06  | 75 06    | 668   | 895307 |
| 50005  | LAREDO'RAOAR, TEX.    | 4012   | 10 05 | 3 18 52.5   |          |        | 349 48  | 57 00    | 894   | 895307 |
| 10716  | MAUI'BN, HAWAII       | 9012   | 10 05 | 5 17 12.01  | 16 41 36 | 34 33  |         |          |       | 434013 |
| 50006  | LAREDO'RAOAR, TEX.    | 4012   | 10 05 | 5 32 31     |          |        | 8 00    | 63 18    | 1318  | 895307 |
| 10717  | SHIRAZ'BN, IRAN       | 9008   | 10 05 | 15 47 12.14 | 20 06 36 | 2 15   |         |          |       | 434013 |
| 10715  | JUPITER'BN, FLA.      | 9010   | 10 06 | 0 07 17.65  | 19 18 00 | 2 07   |         |          |       | 434013 |
| 30116  | SAN JOSE, CAL.        | 8573   | 10 07 | 3 20 34.3   |          |        | 180     | 25 57 00 |       | 845304 |
| 10719  | NAINI TAL'BN, INOIA   | 9006   | 10 07 | 13 47 42.73 | 20 20 12 | 23 19  |         |          |       | 434013 |
| 10718  | WOOMERA'BN, AUSTR.    | 9003   | 10 07 | 18 46 35.29 | 6 54 54  | 16 37  |         |          |       | 434013 |
| 50007  | LAREDO'RAOAR, TEX.    | 4012   | 10 08 | 0 10 20.5   |          |        | 154 12  | 38 00    | 886   | 895307 |
| 50008  | LAREDO'RAOAR, TEX.    | 4012   | 10 08 | 2 22 37     |          |        | 349 30  | 52 54    | 761   | 895307 |
| 50009  | LAREDO'RAOAR, TEX.    | 4012   | 10 08 | 4 35 48     |          |        | 7 30    | 57 12    | 1175  | 895307 |
| 10720  | AREQUIPA'BN, PERU     | 9007   | 10 08 | 9 25 00.14  | 5 43 00  | -12 59 |         |          |       | 434013 |
| 30117  | SAN ANTONIO, TEX.     | 0096   | 10 09 | 1 20 06.2   | 19 59 00 | 27 01  |         |          |       | 845042 |
| 30118  | WICHITA, KAN.         | 0028   | 10 09 | 1 20 23.8   | 20 06 47 | -25 03 |         |          |       | 845043 |
| 10721  | VILLA DOLORES'BN, ARG | 9011   | 10 09 | 8 28 02.17  | 7 11 48  | 2 19   |         |          |       | 434013 |
| 10724  | SHIRAZ'BN, IRAN       | 9008   | 10 09 | 15 59 50.41 | 17 06 24 | 34 25  |         |          |       | 434013 |
| 50010  | AIKEN, S.C.           | 6023   | 10 10 | 0 20 58.4   | 20 08 48 | 1 34   |         |          |       | 634042 |
| 10722  | ORGAN PASS'BN, N.M.   | 9001   | 10 10 | 2 27 52.70  | 20 14 24 | 24 57  |         |          |       | 434013 |
| 10723  | AREQUIPA'BN, PERU     | 9007   | 10 10 | 9 32 16.62  | 6 08 54  | -30 28 |         |          |       | 434023 |
| 10728  | SHIRAZ'BN, IRAN       | 9008   | 10 10 | 14 57 57.77 | 19 23 36 | 31 19  |         |          |       | 434013 |
| 10726  | SAN FERNANDO'BN, SP.  | 9004   | 10 10 | 19 10 26.20 | 20 57 06 | -12 49 |         |          |       | 434013 |
| 30119  | SAN ANTONIO, TEX.     | 0089   | 10 11 | 1 26 54.7   | 20 16 30 | 52 48  |         |          |       | 845002 |
| 10725  | AREQUIPA'BN, PERU     | 9007   | 10 11 | 8 25 25.83  | 4 57 54  | -10 22 |         |          |       | 434013 |
| 30126  | YATSUSHIRO, JAPAN     | 0272   | 10 11 | 9 47 40     |          |        | 180 00  | 65 00    |       | 845304 |
| 30127  | HIGASHIMATSUYAMA, JAP | 0210   | 10 11 | 9 49 44.1   | 20 42 36 | - 3 42 |         |          |       | 845002 |
| 10727  | WOOMERA'BN, AUSTR.    | 9003   | 10 11 | 18 58 19.39 | 6 13 18  | - 1 57 |         |          |       | 434013 |
| 50011  | AIKEN, S.C.           | 6023   | 10 12 | 0 27 44.0   | 20 22 35 | 18 14  |         |          |       | 634042 |

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| 30128  | YATSUSHIRO, JAPAN     | 0272   | 10 12 | 10 53 25    |          |        | 0 00      | 78 00    |       | 845302 |
| 10730  | SHIRAZ'BN, IRAN       | 9008   | 10 12 | 15 04 37.96 | 19 00 06 | 52 56  |           |          |       | 434013 |
| 10729  | WOOMERA'BN, AUSTR.    | 9003   | 10 12 | 17 53 24.60 | 5 58 42  | 8 09   |           |          |       | 434013 |
| 10731  | SAN FERNANDO'BN, SP.  | 9004   | 10 12 | 19 16 53.30 | 20 37 48 | -5 07  |           |          |       | 434013 |
| 30120  | WICHITA, KAN.         | 0028   | 10 13 | 1 33 51.8   | 20 29 27 | -10 04 |           |          |       | 845043 |
| 30121  | SAN ANTONIO, TEX.     | 0096   | 10 13 | 1 33 57.9   | 22 16    | 62 18  |           |          |       | 845002 |
| 30131  | KAGOSHIMA, JAPAN      | 0218   | 10 13 | 9 54 46     | 21 41    | 40 30  |           |          |       | 845002 |
| 30129  | KONKU, JAPAN          | 0224   | 10 13 | 9 55 01     | 20 14    | 12     |           |          |       | 845002 |
| 30130  | MIYAZAKI, JAPAN       | 0230   | 10 13 | 9 55 37     | 23 32    | 31     |           |          |       | 845002 |
| 10732  | AREQUIPA'BN, PERU     | 9007   | 10 14 | 7 26 41.20  | 4 29 42  | -10 34 |           |          |       | 434013 |
| 10744  | VILLA DOLORES'BN, ARG | 9011   | 10 14 | 7 28 50.17  | 4 27 54  | 12 38  |           |          |       | 434013 |
| 10745  | VILLA DOLORES'BN, ARG | 9011   | 10 14 | 7 35 47.36  | 6 58 36  | -7 18  |           |          |       | 434013 |
| 10743  | SHIRAZ'BN, IRAN       | 9008   | 10 14 | 15 11 21.14 | 19 13 00 | 63 39  |           |          |       | 434013 |
| 10736  | WOOMERA'BN, AUSTR.    | 9003   | 10 14 | 17 58 52.06 | 5 35 48  | 0 53   |           |          |       | 434013 |
| 10739  | SAN FERNANDO'BN, SP.  | 9004   | 10 14 | 19 23 11.00 | 19 55 54 | -1 18  |           |          |       | 434013 |
| 10733  | OLIFANTSFNTN'BN, S.AF | 9002   | 10 15 | 0 10 27.90  | 5 30 24  | 6 59   |           |          |       | 434013 |
| 10734  | OLIFANTSFNTN'BN, S.AF | 9002   | 10 15 | 2 26 30.60  | 5 53 54  | -27 50 |           |          |       | 434023 |
| 10746  | VILLA DOLORES'BN, ARG | 9011   | 10 15 | 6 27 00.85  | 5 16 12  | 14 43  |           |          |       | 434013 |
| 10747  | VILLA DOLORES'BN, ARG | 9011   | 10 15 | 6 32 03.65  | 6 54 00  | -0 38  |           |          |       | 434013 |
| 10741  | AREQUIPA'BN, PERU     | 9007   | 10 15 | 8 38 36.06  | 4 39 06  | -37 48 |           |          |       | 434023 |
| 10748  | VILLA DOLORES'BN, ARG | 9011   | 10 15 | 8 40 22.60  | 3 44 24  | -9 40  |           |          |       | 434013 |
| 10749  | VILLA DOLORES'BN, ARG | 9011   | 10 15 | 8 46 57.40  | 7 28 00  | -23 31 |           |          |       | 434023 |
| 30132  | YATSUSHIRO, JAPAN     | 0272   | 10 15 | 9 56 44     |          |        | 180 00    | 89 12    |       | 845302 |
| 10737  | WOOMERA'BN, AUSTR.    | 9003   | 10 15 | 16 53 31.78 | 5 05 42  | 14 47  |           |          |       | 434013 |
| 10735  | OLIFANTSFNTN'BN, S.AF | 9002   | 10 16 | 1 20 10.00  | 5 00 36  | -13 28 |           |          |       | 434013 |
| 10742  | AREQUIPA'BN, PERU     | 9007   | 10 16 | 7 32 43.79  | 3 59 30  | -23 46 |           |          |       | 434023 |
| 10750  | VILLA DOLORES'BN, ARG | 9011   | 10 16 | 7 35 09.52  | 4 16 12  | 2 26   |           |          |       | 434013 |
| 10751  | VILLA DOLORES'BN, ARG | 9011   | 10 16 | 7 42 51.12  | 7 23 30  | -17 00 |           |          |       | 434013 |
| 10752  | SHIRAZ'BN, IRAN       | 9008   | 10 16 | 15 18 12.45 | 20 47 42 | 65 10  |           |          |       | 434013 |
| 10738  | WOOMERA'BN, AUSTR.    | 9003   | 10 16 | 18 04 52.02 | 5 24 42  | -8 38  |           |          |       | 434013 |
| 10740  | SAN FERNANDO'BN, SP.  | 9004   | 10 16 | 19 30 05.80 | 20 53 06 | -4 13  |           |          |       | 434013 |
| 50012  | AIKEN, S.C.           | 6023   | 10 16 | 23 38 15.9  | 19 51 27 | 26 20  |           |          |       | 634042 |
| 10755  | OLIFANTSFNTN'BN, S.AF | 9002   | 10 17 | 0 15 38.64  | 4 55 30  | 0 31   |           |          |       | 434013 |
| 10756  | OLIFANTSFNTN'BN, S.AF | 9002   | 10 17 | 2 30 36.54  | 4 51 42  | -31 36 |           |          |       | 434023 |
| 10753  | VILLA DOLORES'BN, ARG | 9011   | 10 17 | 6 33 05.41  | 5 04 36  | 6 08   |           |          |       | 434013 |
| 10754  | VILLA DOLORES'BN, ARG | 9011   | 10 17 | 6 37 28.28  | 6 45 12  | -6 57  |           |          |       | 434013 |
| 10764  | AREQUIPA'BN, PERU     | 9007   | 10 17 | 7 39 07.05  | 3 40 36  | -37 21 |           |          |       | 434023 |
| 30134  | YATSUSHIRO, JAPAN     | 0272   | 10 17 | 10 06 43    |          |        | 0 00      | 87 36    |       | 845302 |
| 30135  | KAGOSHIMA, JAPAN      | 0218   | 10 17 | 10 07 40    | 20 37    | 45 48  |           |          |       | 845002 |
| 10759  | WOOMERA'BN, AUSTR.    | 9003   | 10 17 | 16 59 46.94 | 4 56 30  | 5 12   |           |          |       | 434013 |
| 10758  | WOOMERA'BN, AUSTR.    | 9003   | 10 17 | 19 16 39.97 | 6 04 12  | -27 56 |           |          |       | 434023 |
| 30122  | MILWAUKEE, WISC.      | 0074   | 10 18 | 0 46 15.7   | 20 40 00 | -28 00 |           |          |       | 641043 |
| 10757  | OLIFANTSFNTN'BN, S.AF | 9002   | 10 18 | 1 26 40.20  | 5 00 18  | -25 48 |           |          |       | 434023 |
| 10762  | TOKYO'BN, JAPAN       | 9005   | 10 18 | 9 06 30.60  | 19 29 42 | 5 05   |           |          |       | 434013 |
| 30137  | YATSUSHIRO, JAPAN     | 0272   | 10 18 | 11 15 22    |          |        | 250 06    | 33 48    |       | 845302 |
| 10760  | WOOMERA'BN, AUSTR.    | 9003   | 10 18 | 18 10 56.95 | 5 17 54  | -18 10 |           |          |       | 434013 |
| 30136  | MITAKA, JAPAN         | 0229   | 10 18 | 18 13 41.6  |          |        | 19 36     | 55 06    |       | 845303 |
| 10761  | SAN FERNANDO'BN, SP.  | 9004   | 10 18 | 19 36 16.90 | 20 02 48 | -10 34 |           |          |       | 434013 |
| 50013  | AIKEN, S.C.           | 6023   | 10 18 | 23 44 48.0  | 20 08 18 | 24 43  |           |          |       | 634042 |
| 10763  | AREQUIPA'BN, PERU     | 9007   | 10 19 | 3 51 53.36  | 4 46 18  | -55 37 |           |          |       | 434023 |
| 10765  | VILLA DOLORES'BN, ARG | 9011   | 10 19 | 4 37 06.76  | 3 52 48  | 4 19   |           |          |       | 434013 |
| 10766  | VILLA DOLORES'BN, ARG | 9011   | 10 19 | 6 40 27.57  | 5 30 48  | -7 42  |           |          |       | 434013 |
| 30139  | KAGOSHIMA, JAPAN      | 0218   | 10 19 | 10 14 01    | 19 47    | 33 36  |           |          |       | 845002 |
| 30138  | YATSUSHIRO, JAPAN     | 0272   | 10 19 | 10 14 18    |          |        | 180 00    | 80 30    |       | 845302 |
| 10767  | WOOMERA'BN, AUSTR.    | 9003   | 10 19 | 17 05 50.40 | 4 43 42  | -4 46  |           |          |       | 434013 |
| 10768  | AREQUIPA'BN, PERU     | 9007   | 10 20 | 7 46 02.07  | 3 46 12  | -49 43 |           |          |       | 434023 |
| 30141  | YATSUSHIRO, JAPAN     | 0272   | 10 20 | 11 22 50    |          |        | 225 00    | 30 18    |       | 845302 |
| 30142  | YATSUSHIRO, JAPAN     | 0272   | 10 20 | 11 22 56    |          |        | 225 00    | 30 06    |       | 845302 |
| 10769  | WOOMERA'BN, AUSTR.    | 9003   | 10 20 | 18 17 11.47 | 5 20 18  | -26 47 |           |          |       | 434023 |
| 30140  | ASAHIKAWA, JAPAN      | 0201   | 10 20 | 19 13 50.2  | 6 15     | 77     |           |          |       | 845002 |
| 50014  | AIKEN, S.C.           | 6023   | 10 20 | 23 51 24.8  | 20 22 36 | 13 03  |           |          |       | 634042 |
| 30123  | CHINA LAKE, CAL.      | 8588   | 10 21 | 1 55 52.7   |          |        | 180 00 00 | 56 25 12 |       | 845303 |
| 10770  | ORGAN PASS'BN, N.M.   | 9001   | 10 21 | 1 58 08.40  | 19 57 36 | 11 46  |           |          |       | 434013 |
| 30124  | FT. WORTH, TEX.       | 0139   | 10 21 | 1 59 03.41  | 18 20 00 | 0      |           |          |       | 845013 |
| 10771  | AREQUIPA'BN, PERU     | 9007   | 10 21 | 6 45 57.55  | 6 45 30  | -47 25 |           |          |       | 434023 |
| 30143  | YATSUSHIRO, JAPAN     | 0272   | 10 21 | 10 21 00    |          |        | 180 00    | 56 36    |       | 845302 |
| 10772  | WOOMERA'BN, AUSTR.    | 9003   | 10 21 | 17 12 00.46 | 4 35 36  | -15 22 |           |          |       | 434013 |
| 30125  | FT. WORTH, TEX.       | 0139   | 10 22 | 0 57 31.08  | 20 26 00 | 10 54  |           |          |       | 845013 |
| 10775  | AREQUIPA'BN, PERU     | 9007   | 10 22 | 7 52 43.32  | 3 52 24  | -58 07 |           |          |       | 434023 |
| 30145  | HIGASHIMATSUYAMA, JAP | 0210   | 10 22 | 9 19 20.9   | 19 51 12 | -14 24 |           |          |       | 845002 |
| 30144  | MITAKA, JAPAN         | 0229   | 10 22 | 9 19 40.8   |          |        | 193 54    | 39 54    |       | 845303 |
| 10781  | TOKYO'BN, JAPAN       | 9005   | 10 22 | 9 19 42.30  | 19 54 42 | -13 49 |           |          |       | 434013 |
| 10779  | NAINI TAL'BN, INDIA   | 9006   | 10 22 | 13 31 40.19 | 20 50 48 | 25 13  |           |          |       | 434013 |
| 10778  | SHIRAZ'BN, IRAN       | 9008   | 10 22 | 15 37 54.37 | 20 13 48 | 10 11  |           |          |       | 434013 |
| 10773  | WOOMERA'BN, AUSTR.    | 9003   | 10 22 | 18 23 20.06 | 5 22 54  | -33 06 |           |          |       | 434023 |
| 30133  | CHINA LAKE, CAL.      | 8588   | 10 23 | 2 02 30.9   |          |        | 180 00 00 | 44 58 12 |       | 845303 |
| 10776  | AREQUIPA'BN, PERU     | 9007   | 10 23 | 6 48 22.80  | 3 43 12  | -55 29 |           |          |       | 434023 |
| 10777  | AREQUIPA'BN, PERU     | 9007   | 10 23 | 9 05 58.31  | 6 12 36  | -63 41 |           |          |       | 434023 |
| 10774  | WOOMERA'BN, AUSTR.    | 9003   | 10 23 | 17 18 59.69 | 5 04 54  | -26 56 |           |          |       | 434023 |
| 10783  | AREQUIPA'BN, PERU     | 9007   | 10 24 | 7 02 12.73  | 6 53 48  | -63 36 |           |          |       | 434023 |
| 10782  | NAINI TAL'BN, INDIA   | 9006   | 10 24 | 13 37 46.64 | 19 21 00 | 1 05   |           |          |       | 434013 |
| 10786  | SHIRAZ'BN, IRAN       | 9008   | 10 24 | 15 44 26.47 | 19 54 00 | -15 25 |           |          |       | 434013 |
| 10780  | WOOMERA'BN, AUSTR.    | 9003   | 10 24 | 18 29 46.53 | 5 40 54  | -36 58 |           |          |       | 434023 |

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| 10787  | JUPITER'BN, FLA.      | 9010   | 10 25 | 0 04 59.29  | 19 58 30 | 20 48  |         |          |       | 434013 |
| 10788  | AREQUIPA'BN, PERU     | 9007   | 10 25 | 6 54 30.87  | 3 16 12  | -62 42 |         |          |       | 434023 |
| 10785  | AREQUIPA'BN, PERU     | 9007   | 10 25 | 9 12 40.99  | 6 51 06  | -63 08 |         |          |       | 434023 |
| 10788  | WOOMERA'BN, AUSTR.    | 9003   | 10 25 | 17 24 21.58 | 4 32 12  | -32 24 |         |          |       | 434023 |
| 10798  | MAUI'BN, HAWAII       | 9012   | 10 26 | 5 23 25.92  | 22 10 18 | 37 08  |         |          |       | 434013 |
| 10791  | NAINI TAL'BN, INOIA   | 9006   | 10 26 | 13 44 12.73 | 19 13 42 | -18 44 |         |          |       | 434013 |
| 10789  | WOOMERA'BN, AUSTR.    | 9003   | 10 26 | 16 21 13.76 | 4 55 12  | -26 31 |         |          |       | 434023 |
| 10790  | WOOMERA'BN, AUSTR.    | 9003   | 10 26 | 18 36 04.84 | 5 56 30  | -37 38 |         |          |       | 434023 |
| 10793  | JUPITER'BN, FLA.      | 9010   | 10 27 | 0 12 01.11  | 20 35 00 | -17 57 |         |          |       | 434013 |
| 10804  | OLIFANTS'BN, S.AF     | 9002   | 10 27 | 0 47 07.10  | 4 39 42  | -50 43 |         |          |       | 434023 |
| 10796  | VILLA DOLORES'BN, ARG | 9011   | 10 27 | 7 00 00.52  | 2 37 18  | -27 05 |         |          |       | 434023 |
| 10797  | VILLA DOLORES'BN, ARG | 9011   | 10 27 | 7 07 25.39  | 7 18 42  | -32 18 |         |          |       | 434023 |
| 10792  | AREQUIPA'BN, PERU     | 9007   | 10 27 | 9 20 17.48  | 7 58 48  | -57 52 |         |          |       | 434023 |
| 10795  | SHIRAZ'BN, IRAN       | 9008   | 10 27 | 14 48 26.94 | 20 09 00 | -15 33 |         |          |       | 434013 |
| 10794  | WOOMERA'BN, AUSTR.    | 9003   | 10 27 | 17 29 57.09 | 4 02 24  | -36 10 |         |          |       | 434023 |
| 10800  | CURACAO'BN, N.W.I.    | 9009   | 10 27 | 23 12 29.20 | 23 44 00 | 69 48  |         |          |       | 434013 |
| 10805  | OLIFANTS'BN, S.AF     | 9002   | 10 27 | 23 43 39.94 | 5 02 30  | -48 36 |         |          |       | 434023 |
| 10801  | VILLA DOLORES'BN, ARG | 9011   | 10 28 | 5 59 22.42  | 4 00 42  | -29 02 |         |          |       | 434023 |
| 10802  | VILLA DOLORES'BN, ARG | 9011   | 10 28 | 8 13 02.57  | 14 33 00 | -33 28 |         |          |       | 434023 |
| 10799  | AREQUIPA'BN, PERU     | 9007   | 10 28 | 8 16 03.14  | 8 19 06  | -59 46 |         |          |       | 434023 |
| 10803  | VILLA DOLORES'BN, ARG | 9011   | 10 28 | 8 19 31.55  | 8 23 54  | -24 47 |         |          |       | 434023 |
| 10809  | WOOMERA'BN, AUSTR.    | 9003   | 10 28 | 16 26 36.51 | 4 12 00  | -33 04 |         |          |       | 434023 |
| 10810  | WOOMERA'BN, AUSTR.    | 9003   | 10 28 | 18 42 12.05 | 6 03 30  | -35 16 |         |          |       | 434023 |
| 10813  | JUPITER'BN, FLA.      | 9010   | 10 29 | 0 17 43.13  | 18 48 30 | -25 11 |         |          |       | 434023 |
| 10806  | OLIFANTS'BN, S.AF     | 9002   | 10 29 | 0 55 01.30  | 6 25 06  | -50 51 |         |          |       | 434023 |
| 10814  | VILLA DOLORES'BN, ARG | 9011   | 10 29 | 7 08 17.95  | 3 27 00  | -33 53 |         |          |       | 434023 |
| 10815  | VILLA DOLORES'BN, ARG | 9011   | 10 29 | 7 13 36.40  | 7 28 48  | -30 38 |         |          |       | 434023 |
| 10811  | NAINI TAL'BN, INOIA   | 9006   | 10 29 | 12 48 09.73 | 19 11 48 | -18 43 |         |          |       | 434013 |
| 10818  | WOOMERA'BN, AUSTR.    | 9003   | 10 29 | 17 37 14.32 | 5 06 36  | -38 47 |         |          |       | 434023 |
| 10812  | CURACAO'BN, N.W.I.    | 9009   | 10 29 | 23 19 26.54 | 22 31 24 | 45 06  |         |          |       | 434013 |
| 10807  | OLIFANTS'BN, S.AF     | 9002   | 10 29 | 23 49 22.00 | 4 29 24  | -54 20 |         |          |       | 434023 |
| 10808  | OLIFANTS'BN, S.AF     | 9002   | 10 30 | 2 05 19.60  | 6 30 48  | -43 30 |         |          |       | 434023 |
| 10829  | MAUI'BN, HAWAII       | 9012   | 10 30 | 5 36 37.53  | 20 01 30 | -35 37 |         |          |       | 434023 |
| 10817  | WOOMERA'BN, AUSTR.    | 9003   | 10 30 | 16 32 35.30 | 3 58 00  | -38 14 |         |          |       | 434023 |
| 10816  | WOOMERA'BN, AUSTR.    | 9003   | 10 30 | 18 48 35.05 | 6 17 42  | -29 25 |         |          |       | 434023 |
| 10830  | MAUI'BN, HAWAII       | 9012   | 10 31 | 4 32 58.27  | 19 04 36 | 7 42   |         |          |       | 434013 |
| 10827  | NAINI TAL'BN, INOIA   | 9006   | 10 31 | 12 54 05.12 | 19 22 48 | -25 58 |         |          |       | 434023 |
| 10826  | WOOMERA'BN, AUSTR.    | 9003   | 10 31 | 17 43 32.18 | 5 18 48  | -34 29 |         |          |       | 434023 |
| 10828  | CURACAO'BN, N.W.I.    | 9009   | 10 31 | 23 25 40.46 | 19 55 42 | 5 13   |         |          |       | 434013 |
| 10824  | OLIFANTS'BN, S.AF     | 9002   | 10 31 | 23 54 32.60 | 3 00 30  | -56 02 |         |          |       | 434023 |
| 10825  | OLIFANTS'BN, S.AF     | 9002   | 11 01 | 2 10 48.60  | 6 02 06  | -37 49 |         |          |       | 434023 |
| 10831  | WOOMERA'BN, AUSTR.    | 9003   | 11 01 | 16 38 57.92 | 4 12 06  | -40 21 |         |          |       | 434023 |
| 10837  | MAUI'BN, HAWAII       | 9012   | 11 02 | 4 39 19.67  | 18 23 48 | -18 40 |         |          |       | 434013 |
| 10832  | VILLA DOLORES'BN, ARG | 9011   | 11 02 | 7 21 22.71  | 4 10 42  | -30 15 |         |          |       | 434023 |
| 10833  | VILLA DOLORES'BN, ARG | 9011   | 11 02 | 7 26 03.89  | 7 35 30  | -18 38 |         |          |       | 434013 |
| 10835  | WOOMERA'BN, AUSTR.    | 9003   | 11 02 | 17 49 47.89 | 5 26 00  | -30 31 |         |          |       | 434023 |
| 10836  | CURACAO'BN, N.W.I.    | 9009   | 11 02 | 23 32 14.37 | 18 59 18 | -29 53 |         |          |       | 434023 |
| 10834  | OLIFANTS'BN, S.AF     | 9002   | 11 03 | 0 01 20.40  | 3 52 30  | -56 43 |         |          |       | 434023 |
| 11091  | WOOMERA'BN, AUSTR.    | 9003   | 11 03 | 16 45 33.82 | 4 42 36  | -37 46 |         |          |       | 434023 |
| 11092  | WOOMERA'BN, AUSTR.    | 9003   | 11 03 | 18 01 11.87 | 6 23 48  | -9 31  |         |          |       | 434013 |
| 10838  | OLIFANTS'BN, S.AF     | 9002   | 11 04 | 1 12 44.80  | 5 42 48  | -39 08 |         |          |       | 434023 |
| 11093  | WOOMERA'BN, AUSTR.    | 9003   | 11 04 | 17 56 14.80 | 5 36 00  | -20 34 |         |          |       | 434013 |
| 10839  | OLIFANTS'BN, S.AF     | 9002   | 11 05 | 0 08 27.19  | 5 08 00  | -51 03 |         |          |       | 434023 |
| 10841  | WOOMERA'BN, AUSTR.    | 9003   | 11 05 | 16 51 58.39 | 4 55 18  | -30 44 |         |          |       | 434023 |
| 10842  | WOOMERA'BN, AUSTR.    | 9003   | 11    | 18 02 34.35 | 5 35 06  | -8 14  |         |          |       | 434013 |
| 10840  | OLIFANTS'BN, S.AF     | 9002   | 11 07 | 0 14 51.60  | 5 12 48  | -41 50 |         |          |       | 434023 |
| 10843  | CURACAO'BN, N.W.I.    | 9009   | 11 07 | 8 53 32.12  | 9 13 00  | -44 01 |         |          |       | 434023 |
| 11094  | MAUI'BN, HAWAII       | 9012   | 11 07 | 15 15 05.76 | 10 07 18 | -34 51 |         |          |       | 434023 |
| 10844  | AREQUIPA'BN, PERU     | 9007   | 11 08 | 7 42 14.19  | 7 06 42  | -37 49 |         |          |       | 434023 |
| 10845  | WOOMERA'BN, AUSTR.    | 9003   | 11 08 | 18 08 10.06 | 5 01 18  | 2 26   |         |          |       | 434013 |
| 10846  | CURACAO'BN, N.W.I.    | 9009   | 11 09 | 9 01 10.00  | 9 41 30  | -28 31 |         |          |       | 434023 |
| 10848  | MAUI'BN, HAWAII       | 9012   | 11 09 | 15 26 51.58 | 11 17 24 | -9 10  |         |          |       | 434013 |
| 10847  | NAINI TAL'BN, INOIA   | 9006   | 11 09 | 23 47 27.66 | 10 59 18 | -21 35 |         |          |       | 434013 |
| 10861  | VILLA DOLORES'BN, ARG | 9011   | 11 10 | 7 47 36.25  | 5 05 30  | 15 15  |         |          |       | 434013 |
| 10854  | AREQUIPA'BN, PERU     | 9007   | 11 10 | 7 48 20.34  | 6 30 42  | -23 44 |         |          |       | 434023 |
| 10860  | CURACAO'BN, N.W.I.    | 9009   | 11 11 | 9 08 33.39  | 9 45 30  | -13 25 |         |          |       | 434013 |
| 10853  | NAINI TAL'BN, INOIA   | 9006   | 11 11 | 23 53 25.63 | 10 30 30 | -13 48 |         |          |       | 434013 |
| 10855  | AREQUIPA'BN, PERU     | 9007   | 11 12 | 7 54 30.49  | 5 57 36  | -4 57  |         |          |       | 434013 |
| 10856  | CURACAO'BN, N.W.I.    | 9009   | 11 12 | 8 01 22.70  | 9 01 48  | -34 49 |         |          |       | 434023 |
| 30146  | TOWNSVILLE, AUSTR.    | 8578   | 11 12 | 9 29 57.1   |          |        | 202 02  | 50 57    |       | 845302 |
| 30147  | TOWNSVILLE, AUSTR.    | 8578   | 11 12 | 9 29 57.2   |          |        | 201 54  | 51 02    |       | 845302 |
| 30148  | TOWNSVILLE, AUSTR.    | 8578   | 11 12 | 9 29 57.6   |          |        | 201 22  | 51 01    |       | 845302 |
| 30149  | TOWNSVILLE, AUSTR.    | 8578   | 11 12 | 9 29 57.6   |          |        | 201 19  | 51 02 30 |       | 845302 |
| 10849  | OLIFANTS'BN, S.AF     | 9002   | 11 12 | 17 53 28.67 | 21 10 06 | -22 39 |         |          |       | 434013 |
| 10850  | WOOMERA'BN, AUSTR.    | 9003   | 11 12 | 18 20 29.46 | 4 36 24  | 23 47  |         |          |       | 434013 |

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| 10858  | VILLA OLORES*BN, ARG | 9011   | 11 13 | 0 09 57.75  | 21 34 42 | 17 58  |         |          |       | 434013 |
| 10857  | CURACAO*BN, N.W.I.   | 9009   | 11 13 | 9 12 57.96  | 8 48 12  | - 6 21 |         |          |       | 434013 |
| 10851  | WOOMERA*BN, AUSTR.   | 9003   | 11 13 | 10 38 23.11 | 0 13 30  | 0 33   |         |          |       | 434013 |
| 10859  | MAUI*BN, HAWAII      | 9012   | 11 13 | 15 33 44.93 | 9 25 36  | - 4 24 |         |          |       | 434013 |
| 10863  | MAUI*BN, HAWAII      | 9012   | 11 14 | 14 29 26.18 | 9 34 30  | -14 42 |         |          |       | 434013 |
| 10862  | CURACAO*BN, N.W.I.   | 9009   | 11 15 | 7 03 04.72  | 8 45 12  | -37 03 |         |          |       | 434023 |
| 10864  | TOKYO*BN, JAPAN      | 9005   | 11 15 | 19 52 28.90 | 9 47 24  | -10 15 |         |          |       | 434013 |
| 10865  | CURACAO*BN, N.W.I.   | 9009   | 11 16 | 8 15 16.92  | 8 53 06  | - 2 43 |         |          |       | 434013 |
| 10866  | WOOMERA*BN, AUSTR.   | 9003   | 11 16 | 11 53 06.40 | 21 20 30 | -40 14 |         |          |       | 434023 |
| 10871  | VILLA OLORES*BN, ARG | 9011   | 11 17 | 0 21 38.25  | 19 28 24 | - 7 26 |         |          |       | 434013 |
| 10867  | SHIRAZ*BN, IRAN      | 9008   | 11 17 | 1 06 14.91  | 9 44 24  | - 4 31 |         |          |       | 434013 |
| 10868  | CURACAO*BN, N.W.I.   | 9009   | 11 17 | 7 10 33.76  | 8 53 18  | -19 23 |         |          |       | 434013 |
| 10869  | CURACAO*BN, N.W.I.   | 9009   | 11 17 | 9 19 29.79  | 5 27 48  | - 2 20 |         |          |       | 434013 |
| 10870  | CURACAO*BN, N.W.I.   | 9009   | 11 17 | 9 27 49.59  | 9 18 48  | 33 57  |         |          |       | 434013 |
| 10872  | WOOMERA*BN, AUSTR.   | 9003   | 11 17 | 10 51 29.69 | 1 44 24  | -42 50 |         |          |       | 434023 |
| 30150  | PUEBLA, MEX.         | 0900   | 11 17 | 11 33 58.9  | 8 52 24  | 17 22  |         |          |       | 845043 |
| 10873  | MAUI*BN, HAWAII      | 9012   | 11 17 | 13 30 15.62 | 9 03 24  | -19 13 |         |          |       | 434013 |
| 10879  | SAN FERNANDO*BN, SP. | 9004   | 11 18 | 4 14 21.40  | 9 31 54  | -17 05 |         |          |       | 434013 |
| 10874  | CURACAO*BN, N.W.I.   | 9009   | 11 18 | 8 16 45.75  | 6 00 30  | -11 57 |         |          |       | 434013 |
| 10875  | CURACAO*BN, N.W.I.   | 9009   | 11 18 | 8 19 14.39  | 7 23 36  | 2 36   |         |          |       | 434013 |
| 10885  | JUPITER*BN, FLA.     | 9010   | 11 18 | 10 31 20.53 | 7 33 48  | - 1 26 |         |          |       | 434013 |
| 10886  | JUPITER*BN, FLA.     | 9010   | 11 18 | 10 34 15.80 | 8 46 54  | 9 24   |         |          |       | 434013 |
| 10887  | JUPITER*BN, FLA.     | 9010   | 11 18 | 10 38 28.85 | 10 36 18 | 21 33  |         |          |       | 434013 |
| 10894  | MAUI*BN, HAWAII      | 9012   | 11 18 | 14 40 30.56 | 8 38 30  | 6 25   |         |          |       | 434013 |
| 10878  | WOOMERA*BN, AUSTR.   | 9003   | 11 19 | 10 57 25.30 | 0 07 00  | -52 50 |         |          |       | 434023 |
| 30151  | WOOMERA, AUSTR.      | 0603   | 11 19 | 10 57 36.0  |          |        | 156 18  | 66 30    |       | 845302 |
| 10876  | ORGAN PASS*BN, N.M.  | 9001   | 11 19 | 11 38 25.80 | 9 23 12  | - 0 55 |         |          |       | 434013 |
| 30154  | PUEBLA, MEX.         | 0900   | 11 19 | 11 39 37.2  | 8 57 06  | 32 42  |         |          |       | 845043 |
| 10880  | TOKYO*BN, JAPAN      | 9005   | 11 19 | 17 49 43.70 | 9 16 18  | -20 03 |         |          |       | 434013 |
| 10881  | TOKYO*BN, JAPAN      | 9005   | 11 19 | 20 05 31.40 | 10 08 18 | 9 38   |         |          |       | 434013 |
| 10883  | SHIRAZ*BN, IRAN      | 9008   | 11 20 | 0 06 25.61  | 8 59 00  | -10 32 |         |          |       | 434013 |
| 10882  | MAINI TAL*BN, INOIA  | 9006   | 11 20 | 0 15 38.65  | 9 35 30  | 21 43  |         |          |       | 434013 |
| 10891  | JUPITER*BN, FLA.     | 9010   | 11 20 | 8 23 57.13  | 8 03 48  | -23 12 |         |          |       | 434023 |
| 10884  | CURACAO*BN, N.W.I.   | 9009   | 11 20 | 8 26 16.82  | 7 24 30  | 25 22  |         |          |       | 434013 |
| 10892  | JUPITER*BN, FLA.     | 9010   | 11 20 | 8 26 22.56  | 9 05 48  | -12 29 |         |          |       | 434013 |
| 10893  | JUPITER*BN, FLA.     | 9010   | 11 20 | 8 29 22.11  | 10 10 54 | 0 25   |         |          |       | 434013 |
| 10877  | ORGAN PASS*BN, N.M.  | 9001   | 11 20 | 10 33 33.70 | 9 02 36  | -13 35 |         |          |       | 434013 |
| 10888  | JUPITER*BN, FLA.     | 9010   | 11 20 | 10 38 47.84 | 7 54 48  | 15 28  |         |          |       | 434013 |
| 10889  | JUPITER*BN, FLA.     | 9010   | 11 20 | 10 42 57.75 | 9 57 06  | 28 20  |         |          |       | 434013 |
| 10890  | JUPITER*BN, FLA.     | 9010   | 11 20 | 10 47 09.76 | 11 53 30 | 32 55  |         |          |       | 434013 |
| 10899  | VILLA OLORES*BN, ARG | 9011   | 11 21 | 0 35 07.07  | 20 10 12 | -28 34 |         |          |       | 434023 |
| 10900  | VILLA OLORES*BN, ARG | 9011   | 11 21 | 0 38 01.63  | 4 05 24  | -24 28 |         |          |       | 434023 |
| 10896  | SHIRAZ*BN, IRAN      | 9008   | 11 21 | 1 17 20.44  | 9 10 24  | 14 02  |         |          |       | 434013 |
| 10903  | JUPITER*BN, FLA.     | 9010   | 11 21 | 9 30 32.69  | 5 56 48  | -13 03 |         |          |       | 434013 |
| 10904  | JUPITER*BN, FLA.     | 9010   | 11 21 | 9 33 07.31  | 7 11 12  | - 2 08 |         |          |       | 434013 |
| 10897  | CURACAO*BN, N.W.I.   | 9009   | 11 21 | 9 34 40.69  | 5 52 36  | 36 03  |         |          |       | 434013 |
| 10898  | CURACAO*BN, N.W.I.   | 9009   | 11 21 | 9 37 27.41  | 7 16 54  | 48 23  |         |          |       | 434013 |
| 10905  | JUPITER*BN, FLA.     | 9010   | 11 21 | 9 39 07.92  | 10 11 48 | 20 17  |         |          |       | 434013 |
| 30152  | WOOMERA, AUSTR.      | 0603   | 11 21 | 11 03 48.4  |          |        | 170 06  | 69 36    |       | 845302 |
| 10901  | WOOMERA*BN, AUSTR.   | 9003   | 11 21 | 11 03 53.26 | 0 53 54  | -50 58 |         |          |       | 434023 |
| 10895  | ORGAN PASS*BN, N.M.  | 9001   | 11 21 | 11 44 21.08 | 9 17 42  | 8 50   |         |          |       | 434013 |
| 10906  | MAUI*BN, HAWAII      | 9012   | 11 21 | 13 41 29.69 | 8 07 00  | 2 00   |         |          |       | 434013 |
| 10909  | SHIRAZ*BN, IRAN      | 9008   | 11 22 | 0 11 48.41  | 8 30 42  | - 2 37 |         |          |       | 434013 |
| 10902  | MAINI TAL*BN, INOIA  | 9006   | 11 22 | 0 21 02.60  | 9 13 00  | 28 48  |         |          |       | 434013 |
| 10910  | CURACAO*BN, N.W.I.   | 9009   | 11 22 | 8 31 54.70  | 6 34 48  | 37 46  |         |          |       | 434013 |
| 10911  | JUPITER*BN, FLA.     | 9010   | 11 22 | 8 34 18.83  | 9 47 00  | 6 57   |         |          |       | 434013 |
| 10912  | JUPITER*BN, FLA.     | 9010   | 11 22 | 8 35 54.41  | 10 27 06 | 11 56  |         |          |       | 434013 |
| 10907  | ORGAN PASS*BN, N.M.  | 9001   | 11 22 | 10 39 23.80 | 8 51 24  | - 4 53 |         |          |       | 434013 |
| 30153  | N. CANTON, OHIO      | 8559   | 11 22 | 10 47 54.2  | 8 19 23  | 5 04   |         |          |       | 845013 |
| 10908  | ORGAN PASS*BN, N.M.  | 9001   | 11 22 | 12 55 52.90 | 10 01 06 | 27 40  |         |          |       | 434013 |
| 10913  | MAINI TAL*BN, INOIA  | 9006   | 11 22 | 23 14 36.73 | 8 02 06  | 13 48  |         |          |       | 434013 |
| 10914  | SHIRAZ*BN, IRAN      | 9008   | 11 23 | 1 22 18.15  | 8 33 36  | 21 33  |         |          |       | 434013 |
| 10915  | ORGAN PASS*BN, N.M.  | 9001   | 11 23 | 9 36 26.60  | 9 10 24  | -11 35 |         |          |       | 434013 |
| 10919  | JUPITER*BN, FLA.     | 9010   | 11 23 | 9 42 01.09  | 8 30 00  | 22 43  |         |          |       | 434013 |
| 10920  | JUPITER*BN, FLA.     | 9010   | 11 23 | 9 42 53.11  | 9 01 00  | 25 33  |         |          |       | 434013 |
| 10918  | CURACAO*BN, N.W.I.   | 9009   | 11 23 | 9 44 53.27  | 7 53 48  | 59 58  |         |          |       | 434013 |
| 10921  | WOOMERA*BN, AUSTR.   | 9003   | 11 23 | 11 09 45.77 | 23 10 00 | -41 40 |         |          |       | 434023 |
| 30155  | WOOMERA, AUSTR.      | 0603   | 11 23 | 11 10 07.2  |          |        | 170 00  | 80 48    |       | 845302 |
| 10916  | ORGAN PASS*BN, N.M.  | 9001   | 11 23 | 11 42 34.50 | 5 35 12  | - 8 58 |         |          |       | 434013 |
| 11001  | ORGAN PASS*BN, N.M.  | 9001   | 11 23 | 11 50 13.01 | 9 13 36  | 18 00  |         |          |       | 434013 |
| 10917  | ORGAN PASS*BN, N.M.  | 9001   | 11 23 | 11 55 25.70 | 11 42 42 | 25 04  |         |          |       | 434013 |
| 10924  | JUPITER*BN, FLA.     | 9010   | 11 24 | 10 47 44.30 | 6 06 42  | 20 58  |         |          |       | 434013 |
| 10925  | JUPITER*BN, FLA.     | 9010   | 11 24 | 10 51 29.37 | 7 59 54  | 36 03  |         |          |       | 434013 |
| 10926  | JUPITER*BN, FLA.     | 9010   | 11 24 | 10 55 23.89 | 10 27 42 | 43 12  |         |          |       | 434013 |
| 10955  | MAUI*BN, HAWAII      | 9012   | 11 24 | 14 57 52.07 | 7 17 48  | 42 10  |         |          |       | 434013 |
| 10953  | VILLA OLORES*BN, ARG | 9011   | 11 25 | 0 49 30.61  | 1 00 30  | -10 33 |         |          |       | 434013 |
| 10922  | SAN FERNANDO*BN, SP. | 9004   | 11 25 | 3 27 13.90  | 8 48 48  | - 7 03 |         |          |       | 434013 |
| 10923  | SAN FERNANDO*BN, SP. | 9004   | 11 25 | 5 41 44.50  | 9 25 48  | 19 25  |         |          |       | 434013 |
| 10946  | JUPITER*BN, FLA.     | 9010   | 11 25 | 9 44 49.80  | 6 21 18  | 19 49  |         |          |       | 434013 |
| 30156  | N. CANTON, OHIO      | 8559   | 11 25 | 9 48 32.3   | 8 38 08  | - 0 02 |         |          |       | 845013 |
| 10947  | JUPITER*BN, FLA.     | 9010   | 11 25 | 9 49 33.44  | 9 27 12  | 36 58  |         |          |       | 434013 |

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|--------|------------------------|--------|-------|-------------|----------|--------|---------|----------|-------|--------|
| 10948  | JUPITER*BN, FLA.       | 9010   | 11 25 | 9 51 30.38  | 10 41 36 | 38 17  |         |          |       | 434013 |
| 10931  | WOOMERA*BN, AUSTR.     | 9003   | 11 25 | 11 16 21.46 | 0 09 54  | -20 29 |         |          |       | 434013 |
| 10928  | ORGAN PASS*BN, N.M.    | 9001   | 11 25 | 11 51 39.41 | 6 41 30  | 11 12  |         |          |       | 434013 |
| 10929  | ORGAN PASS*BN, N.M.    | 9001   | 11 25 | 11 56 08.14 | 9 14 42  | 25 57  |         |          |       | 434013 |
| 30157  | FT. WORTH, TEX.        | 0139   | 11 25 | 11 59 26.0  | 9 45 00  | 30 54  |         |          |       | 845013 |
| 10930  | ORGAN PASS*BN, N.M.    | 9001   | 11 25 | 12 02 49.13 | 12 31 48 | 27 26  |         |          |       | 434013 |
| 10954  | VILLA ODOLORES*BN, ARG | 9011   | 11 25 | 23 46 39.59 | 1 01 30  | -29 40 |         |          |       | 434023 |
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| 10940  | JUPITER*BN, FLA.       | 9010   | 11 26 | 8 43 32.24  | 8 04 54  | 21 53  |         |          |       | 434013 |
| 10939  | CURACAO*BN, N.W.I.     | 9009   | 11 26 | 8 46 01.83  | 7 11 36  | 63 47  |         |          |       | 434013 |
| 10941  | JUPITER*BN, FLA.       | 9010   | 11 26 | 8 46 41.22  | 10 11 18 | 29 37  |         |          |       | 434013 |
| 10942  | JUPITER*BN, FLA.       | 9010   | 11 26 | 8 49 13.30  | 11 24 42 | 30 13  |         |          |       | 434013 |
| 10943  | JUPITER*BN, FLA.       | 9010   | 11 26 | 10 52 19.44 | 5 31 30  | 22 20  |         |          |       | 434013 |
| 30158  | FT. WORTH, TEX.        | 0139   | 11 26 | 10 53 47.8  | 8 46 00  | 22 39  |         |          |       | 845013 |
| 10944  | JUPITER*BN, FLA.       | 9010   | 11 26 | 10 57 38.65 | 8 06 18  | 42 01  |         |          |       | 434013 |
| 10945  | JUPITER*BN, FLA.       | 9010   | 11 26 | 11 01 29.51 | 10 46 12 | 46 14  |         |          |       | 434013 |
| 10966  | MAUI*BN, HAWAII        | 9012   | 11 26 | 15 05 18.90 | 8 14 54  | 54 42  |         |          |       | 434013 |
| 10952  | VILLA ODOLORES*BN, ARG | 9011   | 11 27 | 0 55 25.02  | 23 49 12 | 6 59   |         |          |       | 434013 |
| 10949  | JUPITER*BN, FLA.       | 9010   | 11 27 | 9 50 36.77  | 5 58 54  | 27 39  |         |          |       | 434013 |
| 10950  | JUPITER*BN, FLA.       | 9010   | 11 27 | 9 54 24.74  | 8 40 00  | 42 33  |         |          |       | 434013 |
| 10951  | JUPITER*BN, FLA.       | 9010   | 11 27 | 9 55 32.77  | 9 34 06  | 43 57  |         |          |       | 434013 |
| 10956  | MAUI*BN, HAWAII        | 9012   | 11 27 | 14 00 24.89 | 7 33 54  | 49 14  |         |          |       | 434013 |
| 11089  | TOKYO*BN, JAPAN        | 9005   | 11 27 | 18 12 01.90 | 8 23 42  | 7 27   |         |          |       | 434013 |
| 10936  | TOKYO*BN, JAPAN        | 9005   | 11 27 | 20 27 26.40 | 9 44 18  | 26 47  |         |          |       | 434013 |
| 10938  | NAINI TAL*BN, INDIA    | 9006   | 11 27 | 22 22 45.72 | 7 47 00  | 26 11  |         |          |       | 434013 |
| 10962  | VILLA ODOLORES*BN, ARG | 9011   | 11 27 | 23 52 40.69 | 0 06 48  | -15 28 |         |          |       | 434013 |
| 10935  | SAN FERNANDO*BN, SP.   | 9004   | 11 28 | 4 43 06.50  | 9 04 00  | 17 45  |         |          |       | 434013 |
| 10958  | JUPITER*BN, FLA.       | 9010   | 11 28 | 8 49 53.16  | 8 13 00  | 35 15  |         |          |       | 434013 |
| 10957  | WOOMERA*BN, AUSTR.     | 9003   | 11 28 | 10 19 33.86 | 23 31 24 | -23 38 |         |          |       | 434023 |
| 10933  | ORGAN PASS*BN, N.M.    | 9001   | 11 28 | 10 56 46.96 | 8 18 18  | 22 58  |         |          |       | 434013 |
| 10959  | JUPITER*BN, FLA.       | 9010   | 11 28 | 11 03 50.95 | 8 21 42  | 45 30  |         |          |       | 434013 |
| 10960  | JUPITER*BN, FLA.       | 9010   | 11 28 | 11 04 59.88 | 9 12 24  | 47 12  |         |          |       | 434013 |
| 10961  | JUPITER*BN, FLA.       | 9010   | 11 28 | 11 07 59.70 | 11 21 00 | 45 42  |         |          |       | 434013 |
| 10967  | MAUI*BN, HAWAII        | 9012   | 11 28 | 15 11 12.59 | 8 07 54  | 59 28  |         |          |       | 434013 |
| 10964  | TOKYO*BN, JAPAN        | 9005   | 11 28 | 19 22 30.60 | 9 01 12  | 23 16  |         |          |       | 434013 |
| 10965  | NAINI TAL*BN, INDIA    | 9006   | 11 28 | 23 32 24.52 | 7 38 48  | 37 56  |         |          |       | 434013 |
| 10968  | VILLA ODOLORES*BN, ARG | 9011   | 11 29 | 1 00 59.80  | 22 34 30 | 15 40  |         |          |       | 434013 |
| 10963  | SAN FERNANDO*BN, SP.   | 9004   | 11 29 | 5 53 42.80  | 9 48 18  | 24 45  |         |          |       | 434013 |
| 10969  | JUPITER*BN, FLA.       | 9010   | 11 29 | 9 57 25.45  | 6 18 24  | 38 05  |         |          |       | 434013 |
| 10971  | JUPITER*BN, FLA.       | 9010   | 11 29 | 9 59 07.51  | 7 26 30  | 45 08  |         |          |       | 434013 |
| 10970  | JUPITER*BN, FLA.       | 9010   | 11 29 | 10 01 15.81 | 9 30 30  | 48 10  |         |          |       | 434013 |
| 10972  | WOOMERA*BN, AUSTR.     | 9003   | 11 29 | 11 28 06.33 | 22 25 30 | 12 48  |         |          |       | 434013 |
| 30159  | FT. WORTH, TEX.        | 0139   | 11 29 | 12 11 21.0  | 10 08 00 | 33 54  |         |          |       | 845013 |
| 10976  | OLIFANTSFNTN*BN, S.AF  | 9002   | 11 29 | 17 43 15.00 | 2 20 30  | -34 07 |         |          |       | 434023 |
| 10974  | NAINI TAL*BN, INDIA    | 9006   | 11 29 | 22 28 47.97 | 7 42 00  | 35 34  |         |          |       | 434013 |
| 10975  | VILLA ODOLORES*BN, ARG | 9011   | 11 29 | 23 58 46.48 | 23 31 42 | 2 45   |         |          |       | 434013 |
| 10973  | SAN FERNANDO*BN, SP.   | 9004   | 11 30 | 4 48 06.60  | 8 31 30  | 20 25  |         |          |       | 434013 |
| 10978  | JUPITER*BN, FLA.       | 9010   | 11 30 | 8 55 47.28  | 8 02 48  | 44 16  |         |          |       | 434013 |
| 10979  | JUPITER*BN, FLA.       | 9010   | 11 30 | 8 57 51.46  | 10 02 06 | 44 46  |         |          |       | 434013 |
| 10977  | WOOMERA*BN, AUSTR.     | 9003   | 11 30 | 10 25 40.1  | 23 01 54 | -3 52  |         |          |       | 434013 |
| 11095  | MAUI*BN, HAWAII        | 9012   | 11 30 | 15 18 59.67 | 10 07 54 | 62 31  |         |          |       | 434013 |
| 11096  | MAUI*BN, HAWAII        | 9012   | 12 01 | 14 14 07.33 | 9 27 12  | 64 10  |         |          |       | 434013 |
| 10981  | OLIFANTSFNTN*BN, S.AF  | 9002   | 12 01 | 17 48 11.59 | 22 23 42 | -22 55 |         |          |       | 434013 |
| 10982  | WOOMERA*BN, AUSTR.     | 9003   | 12 02 | 10 31 54.36 | 22 52 24 | 14 17  |         |          |       | 434013 |
| 10987  | NAINI TAL*BN, INDIA    | 9006   | 12 02 | 23 45 28.64 | 8 48 12  | 42 18  |         |          |       | 434013 |
| 10989  | SHIRAZ*BN, IRAN        | 9008   | 12 03 | 1 53 44.38  | 10 10 18 | 38 16  |         |          |       | 434013 |
| 10984  | SAN FERNANDO*BN, SP.   | 9004   | 12 03 | 6 05 55.20  | 10 19 42 | 18 05  |         |          |       | 434013 |
| 10992  | TOKYO*BN, JAPAN        | 9005   | 12 03 | 18 30 34.60 | 9 06 24  | 24 15  |         |          |       | 434013 |
| 10990  | SHIRAZ*BN, IRAN        | 9008   | 12 04 | 0 48 13.67  | 8 41 00  | 43 55  |         |          |       | 434013 |
| 10983  | WOOMERA*BN, AUSTR.     | 9003   | 12 04 | 10 38 02.49 | 22 35 12 | 26 03  |         |          |       | 434013 |
| 10993  | NAINI TAL*BN, INDIA    | 9006   | 12 04 | 23 54 26.95 | 11 12 48 | 31 26  |         |          |       | 434013 |
| 10991  | SHIRAZ*BN, IRAN        | 9008   | 12 05 | 2 00 24.38  | 10 43 36 | 29 58  |         |          |       | 434013 |
| 10986  | SAN FERNANDO*BN, SP.   | 9004   | 12 05 | 6 11 45.20  | 10 21 00 | 11 00  |         |          |       | 434013 |
| 10994  | ORGAN PASS*BN, N.M.    | 9001   | 12 06 | 11 21 11.90 | 9 07 06  | 31 38  |         |          |       | 434013 |
| 10996  | MAUI*BN, HAWAII        | 9012   | 12 06 | 15 37 09.35 | 10 34 42 | 51 39  |         |          |       | 434013 |
| 10999  | MAUI*BN, HAWAII        | 9012   | 12 07 | 14 33 46.32 | 11 29 00 | 55 10  |         |          |       | 434013 |
| 11005  | TOKYO*BN, JAPAN        | 9005   | 12 07 | 18 43 19.50 | 9 58 12  | 16 24  |         |          |       | 434013 |
| 11000  | NAINI TAL*BN, INDIA    | 9006   | 12 07 | 22 53 53.98 | 9 11 48  | 38 34  |         |          |       | 434013 |
| 10998  | SHIRAZ*BN, IRAN        | 9008   | 12 08 | 1 01 00.46  | 9 40 30  | 32 30  |         |          |       | 434013 |
| 10997  | SAN FERNANDO*BN, SP.   | 9004   | 12 08 | 5 12 59.50  | 9 43 54  | 8 07   |         |          |       | 434013 |
| 11097  | MAUI*BN, HAWAII        | 9012   | 12 08 | 15 45 17.99 | 11 51 42 | 32 29  |         |          |       | 434013 |
| 11006  | TOKYO*BN, JAPAN        | 9005   | 12 08 | 19 53 05.60 | 10 04 36 | 3 09   |         |          |       | 434013 |
| 11012  | SHIRAZ*BN, IRAN        | 9008   | 12 08 | 23 58 39.17 | 10 56 36 | 32 16  |         |          |       | 434013 |
| 11009  | NAINI TAL*BN, INDIA    | 9006   | 12 09 | 0 04 49.91  | 10 05 30 | 16 08  |         |          |       | 434013 |
| 11002  | JUPITER*BN, FLA.       | 9010   | 12 09 | 10 29 32.98 | 8 36 30  | 28 51  |         |          |       | 434013 |
| 11003  | JUPITER*BN, FLA.       | 9010   | 12 09 | 10 29 40.98 | 8 43 06  | 28 33  |         |          |       | 434013 |
| 11007  | TOKYO*BN, JAPAN        | 9005   | 12 09 | 18 48 07.50 | 9 03 42  | 10 48  |         |          |       | 434013 |
| 11010  | NAINI TAL*BN, INDIA    | 9006   | 12 09 | 23 03 18.08 | 11 38 18 | 14 53  |         |          |       | 434013 |
| 11008  | TOKYO*BN, JAPAN        | 9005   | 12 10 | 19 58 13.80 | 9 32 00  | -5 08  |         |          |       | 434013 |
| 11011  | NAINI TAL*BN, INDIA    | 9006   | 12 11 | 0 11 24.57  | 10 19 00 | 1 07   |         |          |       | 434013 |

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| 11014  | JUPITER'BN. FLA.      | 9010   | 12 11 | 10 33 01.70 | 6 50 24  | 20 35  |           |          |       | 434013 |
| 11015  | JUPITER'BN. FLA.      | 9010   | 12 11 | 10 36 27.11 | 9 22 48  | 12 19  |           |          |       | 434013 |
| 11016  | JUPITER'BN. FLA.      | 9010   | 12 11 | 10 38 34.10 | 10 37 48 | 4 57   |           |          |       | 434013 |
| 11017  | MAUI'BN. HAWAII       | 9012   | 12 11 | 14 45 21.89 | 10 38 24 | 41 58  |           |          |       | 434013 |
| 11023  | MAINI TAL'BN. INOIA   | 9006   | 12 11 | 23 07 06.80 | 10 04 36 | 11 36  |           |          |       | 434013 |
| 11018  | SHIRAZ'BN. IRAN       | 9008   | 12 12 | 1 12 52.96  | 9 25 06  | 8 45   |           |          |       | 434013 |
| 11004  | SAN FERNANDO'BN. SP.  | 9004   | 12 12 | 5 24 19.80  | 9 16 12  | -10 08 |           |          |       | 434013 |
| 11022  | MAUI'BN. HAWAII       | 9012   | 12 12 | 15 55 43.84 | 10 19 36 | 11 05  |           |          |       | 434013 |
| 11013  | SHIRAZ'BN. IRAN       | 9008   | 12 13 | 0 10 57.42  | 10 49 24 | 10 23  |           |          |       | 434013 |
| 11019  | JUPITER'BN. FLA.      | 9010   | 12 13 | 10 40 31.11 | 7 48 42  | 5 48   |           |          |       | 434013 |
| 11021  | JUPITER'BN. FLA.      | 9010   | 12 13 | 10 45 36.34 | 10 54 24 | -12 39 |           |          |       | 434013 |
| 11029  | TOKYO'BN. JAPAN       | 9005   | 12 13 | 18 59 59.80 | 8 51 48  | -9 55  |           |          |       | 434013 |
| 11024  | SHIRAZ'BN. IRAN       | 9008   | 12 14 | 1 16 13.41  | 9 28 00  | -6 29  |           |          |       | 434013 |
| 11025  | JUPITER'BN. FLA.      | 9010   | 12 14 | 9 37 38.16  | 7 55 24  | 13 58  |           |          |       | 434013 |
| 11026  | JUPITER'BN. FLA.      | 9010   | 12 14 | 9 40 30.44  | 10 21 48 | 0 31   |           |          |       | 434013 |
| 11027  | JUPITER'BN. FLA.      | 9010   | 12 14 | 9 44 04.73  | 12 09 12 | -11 32 |           |          |       | 434013 |
| 11030  | TOKYO'BN. JAPAN       | 9005   | 12 14 | 20 08 25.90 | 8 27 06  | -19 08 |           |          |       | 434013 |
| 11028  | SHIRAZ'BN. IRAN       | 9008   | 12 15 | 0 16 04.23  | 9 53 06  | 1 59   |           |          |       | 434013 |
| 11038  | TOKYO'BN. JAPAN       | 9005   | 12 15 | 19 05 51.90 | 8 38 24  | -19 41 |           |          |       | 434013 |
| 11032  | SHIRAZ'BN. IRAN       | 9008   | 12 16 | 1 24 33.09  | 8 48 42  | -16 35 |           |          |       | 434013 |
| 11031  | SAN FERNANDO'BN. SP.  | 9004   | 12 16 | 5 35 19.10  | 8 32 24  | -25 02 |           |          |       | 434013 |
| 11033  | JUPITER'BN. FLA.      | 9010   | 12 16 | 9 43 44.35  | 7 56 06  | -2 42  |           |          |       | 434013 |
| 11034  | JUPITER'BN. FLA.      | 9010   | 12 16 | 9 46 26.04  | 9 56 12  | -14 24 |           |          |       | 434013 |
| 11035  | JUPITER'BN. FLA.      | 9010   | 12 16 | 9 51 06.54  | 12 12 42 | -25 50 |           |          |       | 434013 |
| 11036  | ORGAN PASS'BN. N.M.   | 9001   | 12 16 | 11 51 47.16 | 9 08 42  | -23 34 |           |          |       | 434013 |
| 11046  | CURACAO'BN. N.W.I.    | 9009   | 12 16 | 23 50 04.48 | 1 05 42  | 2 17   |           |          |       | 434013 |
| 11045  | SHIRAZ'BN. IRAN       | 9008   | 12 17 | 0 23 17.91  | 10 20 42 | -18 36 |           |          |       | 434013 |
| 11051  | MAUI'BN. HAWAII       | 9012   | 12 17 | 15 03 06.08 | 9 08 36  | -7 18  |           |          |       | 434013 |
| 11052  | MAUI'BN. HAWAII       | 9012   | 12 18 | 5 06 00.52  | 2 27 48  | -30 39 |           |          |       | 434023 |
| 30161  | CINCINNATI. OHIO      | 0050   | 12 18 | 8 59 14     | 11 49 30 | -19 56 |           |          |       | 845004 |
| 11048  | JUPITER'BN. FLA.      | 9010   | 12 18 | 9 49 47.26  | 7 46 30  | -16 21 |           |          |       | 434013 |
| 11049  | JUPITER'BN. FLA.      | 9010   | 12 18 | 9 51 08.71  | 8 42 42  | -22 30 |           |          |       | 434013 |
| 11050  | JUPITER'BN. FLA.      | 9010   | 12 18 | 9 53 25.09  | 10 08 00 | -30 11 |           |          |       | 434023 |
| 11047  | CURACAO'BN. N.W.I.    | 9009   | 12 18 | 9 56 48.72  | 9 55 36  | -12 20 |           |          |       | 434013 |
| 11037  | ORGAN PASS'BN. N.M.   | 9001   | 12 18 | 11 57 48.31 | 8 54 18  | -32 38 |           |          |       | 434023 |
| 11053  | JUPITER'BN. FLA.      | 9010   | 12 18 | 23 53 50.03 | 0 51 06  | -45 02 |           |          |       | 434023 |
| 11054  | JUPITER'BN. FLA.      | 9010   | 12 18 | 23 55 04.64 | 2 06 00  | -39 18 |           |          |       | 434023 |
| 30165  | PUEBLA. MEX.          | 0900   | 12 20 | 0 59 27.4   | 1 09 06  | -20 34 |           |          |       | 845013 |
| 30166  | PUEBLA. MEX.          | 0900   | 12 20 | 0 59 32.4   | 1 15 30  | -19 52 |           |          |       | 845013 |
| 11059  | MAUI'BN. HAWAII       | 9012   | 12 20 | 5 10 59.48  | 0 10 48  | -21 13 |           |          |       | 434013 |
| 11057  | JUPITER'BN. FLA.      | 9010   | 12 20 | 9 56 07.01  | 7 45 48  | -28 08 |           |          |       | 434023 |
| 11058  | JUPITER'BN. FLA.      | 9010   | 12 20 | 9 57 28.63  | 8 34 30  | -33 43 |           |          |       | 434023 |
| 11055  | CURACAO'BN. N.W.I.    | 9009   | 12 21 | 0 02 37.60  | 22 36 06 | 58 08  |           |          |       | 434013 |
| 11060  | ORGAN PASS'BN. N.M.   | 9001   | 12 21 | 2 08 20.98  | 2 00 24  | -32 16 |           |          |       | 434023 |
| 11056  | CURACAO'BN. N.W.I.    | 9009   | 12 21 | 8 58 21.49  | 9 05 48  | -14 18 |           |          |       | 434013 |
| 30163  | QUEZON CITY. PH.I.S.  | 0500   | 12 21 | 10 26 27    |          |        | 328 30    | 81 30    |       | 845302 |
| 11061  | MAUI'BN. HAWAII       | 9012   | 12 21 | 15 15 37.47 | 8 37 54  | -35 45 |           |          |       | 434023 |
| 11069  | JUPITER'BN. FLA.      | 9010   | 12 23 | 0 07 25.45  | 1 10 54  | -9 33  |           |          |       | 434013 |
| 11064  | CURACAO'BN. N.W.I.    | 9009   | 12 23 | 0 09 10.30  | 21 47 12 | 69 51  |           |          |       | 434013 |
| 11065  | ORGAN PASS'BN. N.M.   | 9001   | 12 23 | 2 14 38.28  | 1 52 48  | -19 22 |           |          |       | 434013 |
| 11066  | SHIRAZ'BN. IRAN       | 9008   | 12 23 | 14 44 47.05 | 2 02 30  | -18 14 |           |          |       | 434013 |
| 30162  | SAN JOSE. CAL.        | 8573   | 12 24 | 3 20 06.2   |          |        | 180       | 26 45 00 |       | 845304 |
| 11070  | MAUI'BN. HAWAII       | 9012   | 12 24 | 5 24 46.92  | 0 52 30  | 50 54  |           |          |       | 434013 |
| 11076  | SHIRAZ'BN. IRAN       | 9008   | 12 24 | 15 53 07.19 | 0 20 12  | 6 32   |           |          |       | 434013 |
| 11098  | TOKYO'BN. JAPAN       | 9005   | 12 26 | 9 42 45.20  | 2 26 54  | -8 24  |           |          |       | 434013 |
| 11073  | MAINI TAL'BN. INOIA   | 9006   | 12 26 | 13 53 39.25 | 1 40 24  | 28 39  |           |          |       | 434013 |
| 11077  | SHIRAZ'BN. IRAN       | 9008   | 12 26 | 15 58 27.59 | 22 58 24 | 17 39  |           |          |       | 434013 |
| 30164  | FORT WORTH. TEX.      | 0139   | 12 27 | 2 26 56.4   | 23 51 36 | 9 03   |           |          |       | 845014 |
| 11074  | MAINI TAL'BN. INOIA   | 9006   | 12 27 | 12 50 44.29 | 2 09 42  | 13 02  |           |          |       | 434013 |
| 11078  | SHIRAZ'BN. IRAN       | 9008   | 12 27 | 14 56 34.62 | 1 03 48  | 15 16  |           |          |       | 434013 |
| 11072  | CURACAO'BN. N.W.I.    | 9009   | 12 27 | 23 18 37.16 | 22 04 54 | 77 28  |           |          |       | 434013 |
| 11071  | ORGAN PASS'BN. N.M.   | 9001   | 12 28 | 1 22 41.60  | 0 02 18  | -2 10  |           |          |       | 434013 |
| 11082  | MAINI TAL'BN. INOIA   | 9006   | 12 28 | 13 59 44.49 | 1 20 12  | 44 13  |           |          |       | 434013 |
| 11075  | SHIRAZ'BN. IRAN       | 9008   | 12 28 | 16 05 18.59 | 23 38 24 | 38 30  |           |          |       | 434013 |
| 11079  | JUPITER'BN. FLA.      | 9010   | 12 29 | 0 24 10.03  | 22 01 18 | 31 08  |           |          |       | 434013 |
| 11080  | JUPITER'BN. FLA.      | 9010   | 12 29 | 0 25 06.86  | 22 53 54 | 41 49  |           |          |       | 434013 |
| 11081  | JUPITER'BN. FLA.      | 9010   | 12 29 | 0 27 00.85  | 3 02 24  | 57 09  |           |          |       | 434013 |
| 30167  | SACRAMENTO. CAL.      | 8590   | 12 29 | 2 29 11.2   | 0 42 42  | -12 38 |           |          |       | 845013 |
| 30168  | VAN NUYS. CAL.        | 0113   | 12 29 | 2 30 07     |          |        | 179 00    | 61 36    |       | 845303 |
| 11085  | MAINI TAL'BN. INOIA   | 9006   | 12 29 | 12 56 05.97 | 0 49 48  | 26 43  |           |          |       | 434013 |
| 11084  | SAN FERNANDO'BN. SP.  | 9004   | 12 29 | 19 14 56.00 | 1 34 54  | 2 22   |           |          |       | 434013 |
| 30171  | HIGASHIMATSUYAMA. JAP | 0210   | 12 30 | 9 54 20.2   |          |        | 180 00    | 63 18    |       | 845303 |
| 11086  | TOKYO'BN. JAPAN       | 9005   | 12 30 | 9 54 37.70  | 2 07 42  | 11 42  |           |          |       | 434013 |
| 30169  | TERRE HAUTE. INO.     | 8127   | 12 31 | 0 30 45.2   | 1 18 53  | -5 05  |           |          |       | 845044 |
| 30170  | CHINA LAKE. CAL.      | 8588   | 12 31 | 2 36 41.1   |          |        | 171 04 12 | 65 54 00 |       | 845303 |
| 11087  | TOKYO'BN. JAPAN       | 9005   | 12 31 | 8 50 30.10  | 0 38 06  | 5 39   |           |          |       | 434013 |
| 11088  | SHIRAZ'BN. IRAN       | 9008   | 12 31 | 15 08 56.54 | 1 17 48  | 44 38  |           |          |       | 434013 |

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| 10821  | TOKYO*BN, JAPAN      | 9005   | 6 20 | 17 22 27.80 | 21 15 30 | 3 30   |         |          |       | 434013 |
| 10822  | TOKYO*BN, JAPAN      | 9005   | 7 17 | 15 34 16.10 | 19 31 30 | 7 40   |         |          |       | 434013 |
| 10819  | OLIFANTSFNTN*BN,S.AF | 9002   | 7 28 | 0 57 32.03  | 0 17 36  | -14 28 |         |          |       | 434013 |
| 10820  | OLIFANTSFNTN*BN,S.AF | 9002   | 7 28 | 3 15 25.05  | 1 31 30  | -41 57 |         |          |       | 434023 |
| 10823  | MAUI*BN, HAWAII      | 9012   | 7 29 | 7 37 25.65  | 17 35 54 | 41 42  |         |          |       | 434013 |

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|--------|----------------------|--------|------|------------|----------|--------|---------|----------|-------|--------|
| 01284  | VILLA DOLORES*BN,ARG | 9011   | 5 28 | 8 35 55.35 | 20 24 24 | 1 29   |         |          |       | 434013 |
| 01354  | AREQUIPA*BN, PERU    | 9007   | 6 09 | 0 03 00.00 | 9 41 36  | -46 29 |         |          |       | 434023 |
| 30096  | WALNUT CREEK, CAL.   | 8556   | 7 29 | 5 33 02.0  | 17 55 00 | -13 36 |         |          |       | 845004 |
| 10405  | VILLA DOLORES*BN,ARG | 9011   | 8 03 | 7 39 23.87 | 1 49 00  | -31 30 |         |          |       | 434023 |
| 10428  | VILLA DOLORES*BN,ARG | 9011   | 8 08 | 6 48 50.00 | 1 38 54  | -32 38 |         |          |       | 434023 |

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|--------|----------------------|--------|------|-------------|----------|--------|---------|----------|-------|--------|
| 10410  | CURACAO*BN, N.W.I.   | 9009   | 9 01 | 0 32 25.36  | 19 38 00 | 36 59  |         |          |       | 434013 |
| 30246  | DENVER, COLO.        | 8582   | 9 01 | 2 36 09     | 17 01 54 | -7 54  |         |          |       | 845004 |
| 10411  | MAUI*BN, HAWAII      | 9012   | 9 01 | 7 04 01.02  | 18 57 54 | 5 22   |         |          |       | 434013 |
| 10412  | VILLA DOLORES*BN,ARG | 9011   | 9 01 | 7 53 07.20  | 0 01 30  | -26 45 |         |          |       | 434023 |
| 10413  | VILLA DOLORES*BN,ARG | 9011   | 9 01 | 8 02 20.60  | 4 48 00  | -31 45 |         |          |       | 434023 |
| 10407  | WOOMERA*BN, AUSTR.   | 9003   | 9 01 | 18 50 36.86 | 3 58 42  | -36 30 |         |          |       | 434023 |
| 10408  | SAN FERNANDO*BN, SP. | 9004   | 9 01 | 19 54 52.80 | 17 19 48 | -6 21  |         |          |       | 434013 |
| 10406  | OLIFANTSFNTN*BN,S.AF | 9002   | 9 02 | 1 12 15.40  | 1 23 48  | -43 30 |         |          |       | 434023 |
| 10425  | VILLA DOLORES*BN,ARG | 9011   | 9 02 | 7 39 04.66  | 23 58 18 | -27 19 |         |          |       | 434023 |
| 10419  | AREQUIPA*BN, PERU    | 9007   | 9 02 | 7 40 12.84  | 1 01 12  | -57 09 |         |          |       | 434023 |
| 10426  | VILLA DOLORES*BN,ARG | 9011   | 9 02 | 7 48 27.88  | 4 30 00  | -32 10 |         |          |       | 434023 |
| 10421  | CURACAO*BN, N.W.I.   | 9009   | 9 03 | 0 06 25.12  | 19 54 18 | 29 52  |         |          |       | 434013 |
| 10436  | OLIFANTSFNTN*BN,S.AF | 9002   | 9 03 | 3 20 51.80  | 3 16 36  | -45 46 |         |          |       | 434023 |
| 10433  | MAUI*BN, HAWAII      | 9012   | 9 03 | 6 35 17.62  | 17 48 06 | 8 46   |         |          |       | 434013 |
| 10420  | AREQUIPA*BN, PERU    | 9007   | 9 03 | 9 51 12.92  | 4 44 30  | -62 11 |         |          |       | 434023 |
| 10417  | WOOMERA*BN, AUSTR.   | 9003   | 9 03 | 18 22 01.81 | 3 11 48  | -36 51 |         |          |       | 845004 |
| 10422  | CURACAO*BN, N.W.I.   | 9009   | 9 03 | 23 51 30.36 | 19 02 00 | 37 20  |         |          |       | 434013 |
| 10414  | OLIFANTSFNTN*BN,S.AF | 9002   | 9 04 | 0 44 58.20  | 1 25 06  | -44 16 |         |          |       | 434023 |
| 10427  | VILLA DOLORES*BN,ARG | 9011   | 9 04 | 7 13 14.52  | 0 25 48  | -31 46 |         |          |       | 434023 |
| 10428  | VILLA DOLORES*BN,ARG | 9011   | 9 04 | 7 23 15.04  | 5 02 18  | -28 02 |         |          |       | 434023 |
| 10429  | VILLA DOLORES*BN,ARG | 9011   | 9 04 | 9 33 41.41  | 1 19 36  | -29 22 |         |          |       | 434023 |
| 10430  | VILLA DOLORES*BN,ARG | 9011   | 9 04 | 9 39 53.39  | 4 43 42  | -23 18 |         |          |       | 434023 |
| 10418  | WOOMERA*BN, AUSTR.   | 9003   | 9 04 | 18 06 15.79 | 1 53 00  | -37 05 |         |          |       | 434023 |
| 10415  | OLIFANTSFNTN*BN,S.AF | 9002   | 9 05 | 0 31 11.30  | 1 23 00  | -44 24 |         |          |       | 434023 |
| 10423  | CURACAO*BN, N.W.I.   | 9009   | 9 05 | 1 57 27.28  | 18 12 42 | -8 30  |         |          |       | 434013 |
| 10416  | OLIFANTSFNTN*BN,S.AF | 9002   | 9 05 | 2 54 10.50  | 3 28 24  | -42 21 |         |          |       | 434023 |
| 10431  | VILLA DOLORES*BN,ARG | 9011   | 9 05 | 9 17 43.99  | 0 27 36  | -28 08 |         |          |       | 434023 |
| 10432  | VILLA DOLORES*BN,ARG | 9011   | 9 05 | 9 26 21.09  | 4 30 06  | -22 22 |         |          |       | 434013 |
| 10424  | CURACAO*BN, N.W.I.   | 9009   | 9 06 | 1 45 45.07  | 18 45 12 | -17 38 |         |          |       | 434013 |
| 10434  | AREQUIPA*BN, PERU    | 9007   | 9 06 | 1 47 44.29  | 19 54 48 | 29 54  |         |          |       | 434013 |
| 10435  | MAUI*BN, HAWAII      | 9012   | 9 06 | 5 55 15.50  | 17 23 54 | 0 41   |         |          |       | 434013 |
| 10440  | AREQUIPA*BN, PERU    | 9007   | 9 07 | 1 34 42.24  | 19 58 36 | 27 21  |         |          |       | 434013 |
| 10437  | VILLA DOLORES*BN,ARG | 9011   | 9 07 | 6 34 15.78  | 1 24 30  | -35 00 |         |          |       | 434023 |
| 10438  | VILLA DOLORES*BN,ARG | 9011   | 9 07 | 8 57 39.59  | 3 31 06  | -24 36 |         |          |       | 434023 |
| 10439  | WOOMERA*BN, AUSTR.   | 9003   | 9 07 | 19 47 55.64 | 3 39 18  | -21 35 |         |          |       | 434013 |
| 11049  | OLIFANTSFNTN*BN,S.AF | 9002   | 9 07 | 23 51 24.69 | 2 04 54  | -44 28 |         |          |       | 434023 |
| 10441  | CURACAO*BN, N.W.I.   | 9009   | 9 08 | 1 18 27.90  | 18 20 30 | -21 43 |         |          |       | 434013 |
| 10442  | AREQUIPA*BN, PERU    | 9007   | 9 08 | 1 21 45.28  | 20 05 18 | 23 53  |         |          |       | 434013 |
| 10443  | VILLA DOLORES*BN,ARG | 9011   | 9 08 | 6 21 32.21  | 1 50 48  | -35 02 |         |          |       | 434023 |
| 10444  | VILLA DOLORES*BN,ARG | 9011   | 9 08 | 6 27 51.10  | 4 20 06  | -27 29 |         |          |       | 434023 |
| 10448  | MAUI*BN, HAWAII      | 9012   | 9 08 | 7 49 57.39  | 18 06 18 | -36 38 |         |          |       | 434023 |
| 10445  | VILLA DOLORES*BN,ARG | 9011   | 9 08 | 8 44 55.09  | 4 10 12  | -20 45 |         |          |       | 434013 |
| 10447  | CURACAO*BN, N.W.I.   | 9009   | 9 09 | 1 02 47.50  | 17 09 16 | -14 57 |         |          |       | 434013 |
| 10449  | AREQUIPA*BN, PERU    | 9007   | 9 09 | 1 10 31.59  | 20 49 00 | 13 33  |         |          |       | 434013 |

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| 10446  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 09 | 1 58 38.69  | 2 46 18  | -40 10 |         |          |       | 434023 |
| 10450  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 09 | 18 30 05.80 | 21 06 36 | 18 59  |         |          |       | 434013 |
| 10453  | AREQUIPA'BN, PERU    | 9007   | 9 10 | 0 56 24.73  | 20 26 30 | 14 41  |         |          |       | 434013 |
| 10454  | AREQUIPA'BN, PERU    | 9007   | 9 10 | 8 15 26.31  | 3 51 18  | -51 56 |         |          |       | 434023 |
| 10451  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 10 | 18 17 39.10 | 21 21 48 | 14 09  |         |          |       | 434013 |
| 10452  | WOOMERA'BN, AUSTR.   | 9003   | 9 10 | 19 06 28.36 | 3 11 54  | -20 08 |         |          |       | 434013 |
| 10456  | CURACAO'BN, N.W.I.   | 9009   | 9 11 | 0 38 26.76  | 17 58 48 | -31 06 |         |          |       | 434023 |
| 10457  | VILLA OLORES'BN,ARG  | 9011   | 9 11 | 7 57 58.48  | 1 15 30  | -28 05 |         |          |       | 434023 |
| 10455  | AREQUIPA'BN, PERU    | 9007   | 9 11 | 7 58 30.30  | 2 06 36  | -54 41 |         |          |       | 434023 |
| 10458  | VILLA OLORES'BN,ARG  | 9011   | 9 11 | 8 02 44.92  | 3 10 30  | -21 30 |         |          |       | 434023 |
| 10466  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 11 | 18 03 08.10 | 20 59 30 | 16 49  |         |          |       | 434013 |
| 10461  | AREQUIPA'BN, PERU    | 9007   | 9 12 | 0 29 25.87  | 20 21 24 | 12 18  |         |          |       | 434013 |
| 10460  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 12 | 1 17 15.50  | 2 35 54  | -37 13 |         |          |       | 434023 |
| 10464  | VILLA OLORES'BN,ARG  | 9011   | 9 12 | 5 29 05.96  | 2 46 42  | -30 55 |         |          |       | 434023 |
| 10462  | AREQUIPA'BN, PERU    | 9007   | 9 12 | 7 46 49.33  | 3 11 06  | -51 08 |         |          |       | 434023 |
| 10465  | VILLA OLORES'BN,ARG  | 9011   | 9 12 | 7 48 06.53  | 2 44 30  | -22 30 |         |          |       | 434013 |
| 10463  | CURACAO'BN, N.W.I.   | 9009   | 9 13 | 0 10 52.81  | 17 11 36 | -34 53 |         |          |       | 434023 |
| 10467  | AREQUIPA'BN, PERU    | 9007   | 9 13 | 0 14 08.19  | 19 27 12 | 20 47  |         |          |       | 434013 |
| 10459  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 13 | 1 02 31.80  | 2 09 24  | -37 17 |         |          |       | 434023 |
| 10470  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 13 | 17 35 45.30 | 20 43 06 | 16 47  |         |          |       | 434013 |
| 10468  | WOOMERA'BN, AUSTR.   | 9003   | 9 13 | 19 22 27.99 | 1 59 06  | -22 27 |         |          |       | 434013 |
| 10469  | CURACAO'BN, N.W.I.   | 9009   | 9 13 | 23 57 54.39 | 17 12 42 | -37 37 |         |          |       | 434023 |
| 10475  | AREQUIPA'BN, PERU    | 9007   | 9 14 | 0 00 46.10  | 19 22 06 | 19 39  |         |          |       | 434013 |
| 10471  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 14 | 0 51 18.10  | 3 10 42  | -31 38 |         |          |       | 434023 |
| 10476  | AREQUIPA'BN, PERU    | 9007   | 9 14 | 7 16 10.78  | 1 41 36  | -52 30 |         |          |       | 434023 |
| 10477  | AREQUIPA'BN, PERU    | 9007   | 9 14 | 9 43 08.14  | 4 11 42  | -15 22 |         |          |       | 434013 |
| 10472  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 14 | 19 39 56.60 | 19 39 36 | -13 10 |         |          |       | 434013 |
| 10473  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 15 | 0 36 16.90  | 2 40 00  | -32 49 |         |          |       | 434023 |
| 10478  | AREQUIPA'BN, PERU    | 9007   | 9 15 | 2 09 59.08  | 20 09 48 | -37 28 |         |          |       | 434023 |
| 10474  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 15 | 2 58 30.00  | 3 15 48  | -1 41  |         |          |       | 434013 |
| 10482  | VILLA OLORES'BN,ARG  | 9011   | 9 15 | 7 02 48.96  | 0 50 48  | -26 27 |         |          |       | 434023 |
| 10483  | VILLA OLORES'BN,ARG  | 9011   | 9 15 | 7 07 44.33  | 2 51 54  | -17 35 |         |          |       | 434013 |
| 10481  | WOOMERA'BN, AUSTR.   | 9003   | 9 15 | 12 59 29.15 | 19 25 42 | -9 45  |         |          |       | 434013 |
| 10479  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 15 | 17 08 44.60 | 20 33 12 | 15 39  |         |          |       | 434013 |
| 10494  | CURACAO'BN, N.W.I.   | 9009   | 9 15 | 23 29 51.89 | 15 56 00 | -36 00 |         |          |       | 434023 |
| 10497  | VILLA OLORES'BN,ARG  | 9011   | 9 15 | 23 38 54.51 | 20 14 36 | 20 18  |         |          |       | 434013 |
| 10498  | VILLA OLORES'BN,ARG  | 9011   | 9 15 | 23 41 52.72 | 21 18 48 | 8 46   |         |          |       | 434013 |
| 10480  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 16 | 0 19 50.30  | 1 37 24  | -35 51 |         |          |       | 434023 |
| 10499  | VILLA OLORES'BN,ARG  | 9011   | 9 16 | 1 58 07.68  | 20 11 54 | -11 25 |         |          |       | 434013 |
| 10487  | WOOMERA'BN, AUSTR.   | 9003   | 9 16 | 10 30 06.83 | 20 42 12 | 8 36   |         |          |       | 434013 |
| 10488  | WOOMERA'BN, AUSTR.   | 9003   | 9 16 | 12 47 22.67 | 19 52 06 | -15 25 |         |          |       | 434013 |
| 10500  | VILLA OLORES'BN,ARG  | 9011   | 9 17 | 1 46 31.70  | 20 59 12 | -18 17 |         |          |       | 434013 |
| 10485  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 17 | 2 29 54.20  | 2 45 18  | -2 36  |         |          |       | 434013 |
| 10501  | VILLA OLORES'BN,ARG  | 9011   | 9 17 | 8 53 50.51  | 1 09 12  | -5 06  |         |          |       | 434013 |
| 10502  | VILLA OLORES'BN,ARG  | 9011   | 9 17 | 9 00 14.03  | 2 47 42  | 9 46   |         |          |       | 434013 |
| 10495  | CURACAO'BN, N.W.I.   | 9009   | 9 17 | 9 09 54.91  | 6 31 00  | -33 41 |         |          |       | 434023 |
| 10489  | WOOMERA'BN, AUSTR.   | 9003   | 9 17 | 10 16 23.27 | 20 32 54 | 8 52   |         |          |       | 434013 |
| 10522  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 17 | 19 01 45.14 | 20 38 24 | -26 39 |         |          |       | 434023 |
| 10490  | WOOMERA'BN, AUSTR.   | 9003   | 9 17 | 19 50 22.49 | 2 46 56  | 13 37  |         |          |       | 434013 |
| 10503  | VILLA OLORES'BN,ARG  | 9011   | 9 17 | 23 10 13.48 | 19 17 30 | 27 43  |         |          |       | 434013 |
| 10504  | VILLA OLORES'BN,ARG  | 9011   | 9 17 | 23 15 50.55 | 21 33 00 | 4 00   |         |          |       | 434013 |
| 10484  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 18 | 2 16 52.43  | 2 54 36  | 0 50   |         |          |       | 434013 |
| 10505  | VILLA OLORES'BN,ARG  | 9011   | 9 18 | 6 23 21.72  | 1 49 18  | -19 17 |         |          |       | 434013 |
| 10506  | VILLA OLORES'BN,ARG  | 9011   | 9 18 | 6 31 17.40  | 4 05 30  | -2 15  |         |          |       | 434013 |
| 10507  | VILLA OLORES'BN,ARG  | 9011   | 9 18 | 8 36 30.47  | 0 18 18  | -8 30  |         |          |       | 434013 |
| 10508  | VILLA OLORES'BN,ARG  | 9011   | 9 18 | 8 46 01.34  | 2 35 48  | 9 32   |         |          |       | 434013 |
| 10496  | CURACAO'BN, N.W.I.   | 9009   | 9 18 | 8 55 37.56  | 6 07 06  | -33 37 |         |          |       | 434023 |
| 10491  | WOOMERA'BN, AUSTR.   | 9003   | 9 18 | 10 01 33.04 | 19 52 12 | 14 26  |         |          |       | 434013 |
| 10493  | WOOMERA'BN, AUSTR.   | 9003   | 9 18 | 17 15 00.40 | 2 19 18  | -13 24 |         |          |       | 434013 |
| 10492  | WOOMERA'BN, AUSTR.   | 9003   | 9 18 | 19 36 23.11 | 2 38 18  | 13 53  |         |          |       | 434013 |
| 10486  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 19 | 2 02 50.70  | 2 46 18  | 1 31   |         |          |       | 434013 |
| 10513  | VILLA OLORES'BN,ARG  | 9011   | 9 19 | 6 16 55.24  | 3 50 48  | -2 18  |         |          |       | 434013 |
| 10514  | VILLA OLORES'BN,ARG  | 9011   | 9 19 | 8 32 14.73  | 2 31 24  | 10 37  |         |          |       | 434013 |
| 10509  | WOOMERA'BN, AUSTR.   | 9003   | 9 19 | 12 09 52.31 | 21 16 24 | -27 44 |         |          |       | 434023 |
| 10515  | MAUI'BN, HAWAII      | 9012   | 9 19 | 15 16 21.29 | 6 28 12  | -29 22 |         |          |       | 434023 |
| 10512  | WOOMERA'BN, AUSTR.   | 9003   | 9 19 | 17 00 06.18 | 1 57 12  | -14 10 |         |          |       | 434013 |
| 10510  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 19 | 18 33 12.80 | 19 46 36 | -25 26 |         |          |       | 434023 |
| 10511  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 20 | 1 47 54.00  | 2 23 00  | -0 05  |         |          |       | 434013 |
| 10519  | VILLA OLORES'BN,ARG  | 9011   | 9 20 | 6 05 10.17  | 4 13 18  | 3 18   |         |          |       | 434013 |
| 10520  | VILLA OLORES'BN,ARG  | 9011   | 9 20 | 8 14 56.89  | 1 35 48  | 3 34   |         |          |       | 434013 |
| 10518  | AREQUIPA'BN, PERU    | 9007   | 9 20 | 8 19 17.57  | 3 11 36  | -8 45  |         |          |       | 434013 |
| 10521  | VILLA OLORES'BN,ARG  | 9011   | 9 20 | 8 22 17.36  | 3 26 24  | 21 25  |         |          |       | 434013 |
| 10523  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 20 | 18 20 04.00 | 19 57 48 | -28 41 |         |          |       | 434023 |
| 30257  | PRETORIA, S.AFR.     | 8575   | 9 20 | 18 20 11.2  |          |        | 200 36  | 86 06    |       | 845302 |
| 10526  | VILLA OLORES'BN,ARG  | 9011   | 9 21 | 8 03 24.30  | 2 05 18  | 10 12  |         |          |       | 434013 |
| 10524  | WOOMERA'BN, AUSTR.   | 9003   | 9 21 | 11 42 08.15 | 21 00 24 | -28 48 |         |          |       | 434023 |
| 10527  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 21 | 18 06 25.80 | 19 51 06 | -30 03 |         |          |       | 434023 |
| 10525  | WOOMERA'BN, AUSTR.   | 9003   | 9 21 | 18 53 53.25 | 2 09 06  | 15 23  |         |          |       | 434013 |
| 10528  | VILLA OLORES'BN,ARG  | 9011   | 9 22 | 0 32 49.57  | 17 41 12 | -2 15  |         |          |       | 434013 |
| 10529  | VILLA OLORES'BN,ARG  | 9011   | 9 22 | 0 37 57.57  | 20 34 18 | -21 52 |         |          |       | 434013 |
| 10530  | WOOMERA'BN, AUSTR.   | 9003   | 9 22 | 11 27 56.70 | 20 38 30 | -28 35 |         |          |       | 434023 |
| 10531  | WOOMERA'BN, AUSTR.   | 9003   | 9 22 | 18 37 04.20 | 1 24 24  | 8 41   |         |          |       | 434013 |

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| 10537  | AREQUIPA'BN, PERU    | 9007   | 9 23  | 0 18 55.40  | 17 28 30 | -45 15 |         |          |       | 434023 |
| 10532  | CURACAO'BN, N.W.I.   | 9009   | 9 23  | 7 45 30.80  | 4 57 36  | -26 42 |         |          |       | 434023 |
| 10543  | MAUI'BN, HAWAII      | 9012   | 9 23  | 14 21 39.22 | 5 51 36  | -20 10 |         |          |       | 434013 |
| 10536  | NAINI TAL'BN, INOIA  | 9006   | 9 23  | 23 04 23.65 | 6 19 24  | -20 39 |         |          |       | 434013 |
| 10541  | SHIRAZ'BN, IRAN      | 9008   | 9 24  | 1 15 37.38  | 6 18 06  | -18 06 |         |          |       | 434013 |
| 10538  | AREQUIPA'BN, PERU    | 9007   | 9 24  | 2 28 44.77  | 21 07 54 | -63 55 |         |          |       | 434023 |
| 10539  | AREQUIPA'BN, PERU    | 9007   | 9 24  | 9 43 12.70  | 2 11 18  | 22 48  |         |          |       | 434013 |
| 10534  | WOOMERA'BN, AUSTR.   | 9003   | 9 24  | 13 18 08.84 | 20 15 12 | -34 06 |         |          |       | 434023 |
| 10533  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 24  | 17 24 42.70 | 16 42 48 | -30 32 |         |          |       | 434023 |
| 30258  | PRETORIA, S.AFR.     | 8575   | 9 24  | 17 25 20.6  |          |        | 198 36  | 81 18    |       | 845302 |
| 10540  | AREQUIPA'BN, PERU    | 9007   | 9 24  | 23 51 56.25 | 16 59 00 | -49 47 |         |          |       | 434023 |
| 10542  | SHIRAZ'BN, IRAN      | 9008   | 9 25  | 1 02 24.00  | 6 19 54  | -14 41 |         |          |       | 434013 |
| 10544  | MAUI'BN, HAWAII      | 9012   | 9 25  | 13 53 51.00 | 5 31 18  | -16 24 |         |          |       | 434013 |
| 10545  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 25  | 19 33 14.30 | 21 39 36 | -49 37 |         |          |       | 434023 |
| 10550  | AREQUIPA'BN, PERU    | 9007   | 9 26  | 2 02 08.30  | 22 00 00 | -66 35 |         |          |       | 434023 |
| 10554  | VILLA OLORES'BN,ARG  | 9011   | 9 26  | 2 03 44.91  | 21 48 36 | -35 31 |         |          |       | 434023 |
| 10535  | SAN FERNANDO'BN, SP. | 9004   | 9 26  | 5 12 11.20  | 6 53 36  | -12 04 |         |          |       | 434013 |
| 10551  | AREQUIPA'BN, PERU    | 9007   | 9 26  | 6 57 50.51  | 3 13 36  | 7 55   |         |          |       | 434013 |
| 10552  | CURACAO'BN, N.W.I.   | 9009   | 9 26  | 7 04 14.80  | 4 40 54  | -19 25 |         |          |       | 434013 |
| 30255  | DENVER, COLO.        | 8582   | 9 26  | 11 42 45.2  |          |        | 147 24  | 29 42    |       | 845303 |
| 10547  | WOOMERA'BN, AUSTR.   | 9003   | 9 26  | 12 53 07.78 | 21 33 42 | -36 20 |         |          |       | 434023 |
| 10546  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 26  | 16 57 39.90 | 18 23 54 | -33 58 |         |          |       | 434023 |
| 10548  | WOOMERA'BN, AUSTR.   | 9003   | 9 26  | 17 47 03.94 | 2 20 06  | 26 21  |         |          |       | 434013 |
| 10549  | NAINI TAL'BN, INOIA  | 9006   | 9 26  | 22 23 27.63 | 6 01 18  | -13 38 |         |          |       | 434013 |
| 10553  | SHIRAZ'BN, IRAN      | 9008   | 9 27  | 0 35 19.63  | 6 00 36  | -10 46 |         |          |       | 434013 |
| 10557  | VILLA OLORES'BN,ARG  | 9011   | 9 27  | 1 44 25.30  | 18 17 18 | -26 55 |         |          |       | 434023 |
| 10555  | AREQUIPA'BN, PERU    | 9007   | 9 27  | 1 47 56.99  | 21 37 00 | -66 51 |         |          |       | 434023 |
| 10558  | VILLA OLORES'BN,ARG  | 9011   | 9 27  | 1 50 43.01  | 22 14 00 | -34 47 |         |          |       | 434023 |
| 11050  | CURACAO'BN, N.W.I.   | 9009   | 9 27  | 6 47 25.94  | 3 50 54  | -24 58 |         |          |       | 434023 |
| 10556  | CURACAO'BN, N.W.I.   | 9009   | 9 27  | 9 12 27.03  | 4 35 48  | 19 59  |         |          |       | 434013 |
| 10560  | WOOMERA'BN, AUSTR.   | 9003   | 9 27  | 10 19 39.68 | 20 13 30 | -32 19 |         |          |       | 434023 |
| 10561  | WOOMERA'BN, AUSTR.   | 9003   | 9 27  | 12 39 55.41 | 21 52 06 | -35 53 |         |          |       | 434023 |
| 10559  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 27  | 19 03 38.00 | 19 45 30 | -49 58 |         |          |       | 434023 |
| 30259  | PRETORIA, S.AFR.     | 8575   | 9 27  | 19 05 30.1  |          |        | 178 36  | 64 42    |       | 845303 |
| 10564  | SHIRAZ'BN, IRAN      | 9008   | 9 28  | 0 22 30.02  | 6 24 54  | - 4 56 |         |          |       | 434013 |
| 10562  | SAN FERNANDO'BN, SP. | 9004   | 9 28  | 4 42 57.30  | 6 00 36  | -11 40 |         |          |       | 434013 |
| 10565  | CURACAO'BN, N.W.I.   | 9009   | 9 28  | 8 58 15.94  | 4 22 48  | 20 31  |         |          |       | 434013 |
| 10563  | WOOMERA'BN, AUSTR.   | 9003   | 9 28  | 10 05 39.55 | 19 45 06 | -32 13 |         |          |       | 434023 |
| 10569  | MAUI'BN, HAWAII      | 9012   | 9 28  | 13 11 01.17 | 4 49 06  | -13 19 |         |          |       | 434013 |
| 10570  | TOKYO'BN, JAPAN      | 9005   | 9 28  | 17 34 28.40 | 5 27 12  | -19 39 |         |          |       | 434013 |
| 10578  | VILLA OLORES'BN,ARG  | 9011   | 9 29  | 1 21 12.55  | 20 44 24 | -35 31 |         |          |       | 434023 |
| 10566  | SAN FERNANDO'BN, SP. | 9004   | 9 29  | 4 30 06.90  | 6 12 54  | - 7 48 |         |          |       | 434013 |
| 10567  | CURACAO'BN, N.W.I.   | 9009   | 9 29  | 6 22 18.51  | 4 19 18  | -13 38 |         |          |       | 434013 |
| 10571  | JUPITER'BN, FLA.     | 9010   | 9 29  | 8 43 55.36  | 5 23 48  | - 6 12 |         |          |       | 434013 |
| 10568  | CURACAO'BN, N.W.I.   | 9009   | 9 29  | 8 44 20.15  | 4 17 12  | 22 06  |         |          |       | 434013 |
| 10573  | WOOMERA'BN, AUSTR.   | 9003   | 9 29  | 9 52 01.17  | 19 34 24 | -32 51 |         |          |       | 434023 |
| 10574  | WOOMERA'BN, AUSTR.   | 9003   | 9 29  | 12 11 37.25 | 21 13 24 | -35 56 |         |          |       | 434023 |
| 10575  | TOKYO'BN, JAPAN      | 9005   | 9 29  | 17 22 46.70 | 5 52 48  | -13 45 |         |          |       | 434013 |
| 10572  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 29  | 18 37 18.20 | 20 33 54 | -52 46 |         |          |       | 434023 |
| 10576  | NAINI TAL'BN, INOIA  | 9006   | 9 29  | 21 39 31.94 | 4 59 12  | -13 02 |         |          |       | 434013 |
| 10577  | SHIRAZ'BN, IRAN      | 9008   | 9 29  | 23 52 14.45 | 5 21 12  | - 6 55 |         |          |       | 434013 |
| 10581  | VILLA OLORES'BN,ARG  | 9011   | 9 30  | 1 08 23.52  | 21 20 54 | -35 02 |         |          |       | 434023 |
| 10580  | JUPITER'BN, FLA.     | 9010   | 9 30  | 8 26 58.49  | 4 23 18  | -11 28 |         |          |       | 434013 |
| 10591  | CURACAO'BN, N.W.I.   | 9009   | 9 30  | 8 27 59.93  | 3 25 54  | 15 54  |         |          |       | 434013 |
| 10579  | ORGAN PASS'BN, N.M.  | 9001   | 9 30  | 10 42 37.10 | 5 30 00  | - 5 32 |         |          |       | 434013 |
| 10590  | MAUI'BN, HAWAII      | 9012   | 9 30  | 15 05 58.04 | 5 17 06  | 27 36  |         |          |       | 434013 |
| 10583  | TOKYO'BN, JAPAN      | 9005   | 9 30  | 17 06 54.00 | 5 16 18  | -15 50 |         |          |       | 434013 |
| 10582  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 30  | 18 23 09.30 | 19 56 42 | -53 37 |         |          |       | 434023 |
| 10584  | NAINI TAL'BN, INOIA  | 9006   | 9 30  | 21 26 45.16 | 5 11 42  | - 8 42 |         |          |       | 434013 |
| 10586  | JUPITER'BN, FLA.     | 9010   | 10 01 | 8 14 41.84  | 4 45 54  | - 5 37 |         |          |       | 434013 |
| 10585  | SHIRAZ'BN, IRAN      | 9008   | 10 01 | 23 24 30.00 | 5 17 24  | - 2 00 |         |          |       | 434013 |
| 11051  | TOKYO'BN, JAPAN      | 9005   | 10 02 | 5 59 07.97  | 5 32 54  | 5 24   |         |          |       | 434013 |
| 10587  | JUPITER'BN, FLA.     | 9010   | 10 02 | 10 13 42.97 | 2 33 00  | 3 11   |         |          |       | 434013 |
| 10588  | JUPITER'BN, FLA.     | 9010   | 10 02 | 10 19 03.60 | 3 54 12  | 16 22  |         |          |       | 434013 |
| 10589  | JUPITER'BN, FLA.     | 9010   | 10 02 | 10 23 39.92 | 5 47 48  | 29 20  |         |          |       | 434013 |
| 11052  | TOKYO'BN, JAPAN      | 9005   | 10 02 | 18 59 08.00 | 5 32 54  | 5 24   |         |          |       | 434013 |
| 10592  | SHIRAZ'BN, IRAN      | 9008   | 10 02 | 23 08 22.19 | 4 27 48  | - 5 45 |         |          |       | 434013 |
| 11053  | JUPITER'BN, FLA.     | 9010   | 10 03 | 7 43 42.47  | 3 45 18  | - 8 54 |         |          |       | 434013 |
| 30256  | N. CANTON, OHIO      | 8559   | 10 03 | 10 09 42.1  | 5 49 45  | 3 10   |         |          |       | 845033 |
| 10593  | MAUI'BN, HAWAII      | 9012   | 10 03 | 14 22 56.10 | 4 32 12  | 28 05  |         |          |       | 434013 |
| 10595  | SHIRAZ'BN, IRAN      | 9008   | 10 04 | 1 17 24.66  | 5 29 30  | 25 40  |         |          |       | 434013 |
| 10594  | OLIFANTSFNTN'BN,S.AF | 9002   | 10 04 | 17 29 06.56 | 20 02 48 | -57 38 |         |          |       | 434023 |
| 10596  | ORGAN PASS'BN, N.M.  | 9001   | 10 05 | 9 30 33.10  | 4 22 06  | - 1 05 |         |          |       | 434013 |
| 10597  | ORGAN PASS'BN, N.M.  | 9001   | 10 05 | 11 53 35.30 | 5 39 48  | 24 55  |         |          |       | 434013 |
| 10914  | SHIRAZ'BN, IRAN      | 9008   | 10 05 | 22 27 43.87 | 4 35 18  | 2 22   |         |          |       | 434013 |
| 10598  | SAN FERNANDO'BN, SP. | 9004   | 10 06 | 2 51 32.50  | 4 52 00  | 0 20   |         |          |       | 434013 |
| 10599  | SAN FERNANDO'BN, SP. | 9004   | 10 06 | 5 12 31.90  | 6 09 36  | 19 53  |         |          |       | 434013 |
| 10601  | CURACAO'BN, N.W.I.   | 9009   | 10 06 | 9 29 16.31  | 4 11 30  | 57 37  |         |          |       | 434013 |
| 10600  | WOOMERA'BN, AUSTR.   | 9003   | 10 06 | 10 35 39.58 | 20 15 24 | -33 23 |         |          |       | 434023 |
| 30260  | WOOMERA, AUSTR.      | 0603   | 10 06 | 10 36 00.5  |          |        | 347     | 89       |       | 845302 |

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| 10603  | MAUI'BN, HAWAII       | 9012   | 10 06 | 13 40 25.89 | 4 10 48  | 30 54  |         |          |       | 434013 |
| 10608  | SHIRAZ'BN, IRAN       | 9008   | 10 07 | 0 34 33.43  | 4 54 12  | 27 09  |         |          |       | 434013 |
| 10605  | AREQUIPA'BN, PERU     | 9007   | 10 07 | 1 49 22.70  | 20 55 00 | -52 49 |         |          |       | 434023 |
| 10604  | SAN FERNANDO'BN, SP.  | 9004   | 10 07 | 4 57 56.60  | 5 48 42  | 20 12  |         |          |       | 434013 |
| 10602  | CURACAO'BN, N.W.I.    | 9009   | 10 07 | 9 16 28.48  | 4 51 30  | 60 37  |         |          |       | 434013 |
| 10607  | WOOMERA'BN, AUSTR.    | 9003   | 10 07 | 12 40 05.08 | 20 45 24 | -4 33  |         |          |       | 434013 |
| 10609  | SHIRAZ'BN, IRAN       | 9008   | 10 08 | 0 20 41.31  | 4 31 30  | 26 40  |         |          |       | 434013 |
| 30261  | WOOMERA, AUSTR.       | 0603   | 10 08 | 10 08 45.7  |          |        | 352 30  | 89 36    |       | 845302 |
| 10610  | VILLA OLORES'BN, ARG  | 9011   | 10 09 | 1 21 49.30  | 19 40 00 | -6 23  |         |          |       | 434013 |
| 10611  | VILLA OLORES'BN, ARG  | 9011   | 10 09 | 1 25 22.51  | 21 54 24 | 3 32   |         |          |       | 434013 |
| 10606  | OLIFANTSFNTN'BN, S.AF | 9002   | 10 09 | 18 40 06.70 | 20 49 36 | -21 13 |         |          |       | 434013 |
| 10615  | SAN FERNANDO'BN, SP.  | 9004   | 10 10 | 4 25 47.10  | 5 32 18  | 23 11  |         |          |       | 434013 |
| 10614  | JUPITER'BN, FLA.      | 9010   | 10 10 | 8 32 44.07  | 5 46 54  | 36 32  |         |          |       | 434013 |
| 10613  | CURACAO'BN, N.W.I.    | 9009   | 10 10 | 8 33 18.47  | 4 19 36  | 59 20  |         |          |       | 434013 |
| 10612  | ORGAN PASS'BN, N.M.   | 9001   | 10 10 | 10 42 43.40 | 5 04 48  | 28 19  |         |          |       | 434013 |
| 10619  | VILLA OLORES'BN, ARG  | 9011   | 10 11 | 0 54 41.25  | 21 21 48 | -1 45  |         |          |       | 434013 |
| 10620  | VILLA OLORES'BN, ARG  | 9011   | 10 11 | 0 58 47.82  | 22 04 48 | 10 52  |         |          |       | 434013 |
| 10616  | WOOMERA'BN, AUSTR.    | 9003   | 10 11 | 11 46 44.23 | 20 56 30 | 9 01   |         |          |       | 434013 |
| 10627  | MAUI'BN, HAWAII       | 9012   | 10 11 | 12 29 32.17 | 3 49 42  | 36 07  |         |          |       | 434013 |
| 10646  | SHIRAZ'BN, IRAN       | 9008   | 10 11 | 23 22 29.49 | 4 03 54  | 29 27  |         |          |       | 434013 |
| 10618  | NAINI TAL'BN, INOIA   | 9006   | 10 11 | 23 32 29.50 | 4 47 24  | 38 31  |         |          |       | 434013 |
| 10621  | AREQUIPA'BN, PERU     | 9007   | 10 12 | 0 43 01.97  | 22 00 54 | -44 30 |         |          |       | 434023 |
| 10617  | SAN FERNANDO'BN, SP.  | 9004   | 10 12 | 3 44 25.90  | 4 19 48  | 21 05  |         |          |       | 434013 |
| 10624  | JUPITER'BN, FLA.      | 9010   | 10 12 | 7 59 04.93  | 5 47 42  | 31 50  |         |          |       | 434013 |
| 10625  | JUPITER'BN, FLA.      | 9010   | 10 12 | 10 28 41.57 | 8 55 24  | 37 29  |         |          |       | 434013 |
| 10622  | WOOMERA'BN, AUSTR.    | 9003   | 10 12 | 11 32 30.61 | 20 24 06 | 9 42   |         |          |       | 434013 |
| 10654  | MAUI'BN, HAWAII       | 9012   | 10 12 | 12 17 54.23 | 4 45 48  | 39 58  |         |          |       | 434013 |
| 10626  | SHIRAZ'BN, IRAN       | 9008   | 10 12 | 23 07 32.98 | 3 44 12  | 29 13  |         |          |       | 434013 |
| 10628  | AREQUIPA'BN, PERU     | 9007   | 10 13 | 0 32 03.55  | 23 45 42 | -22 55 |         |          |       | 434013 |
| 10632  | JUPITER'BN, FLA.      | 9010   | 10 13 | 7 45 06.63  | 3 34 48  | 32 44  |         |          |       | 434013 |
| 10623  | CURACAO'BN, N.W.I.    | 9009   | 10 13 | 7 49 30.47  | 3 40 36  | 58 15  |         |          |       | 434013 |
| 10633  | JUPITER'BN, FLA.      | 9010   | 10 13 | 10 10 23.21 | 6 00 42  | 44 01  |         |          |       | 434013 |
| 10629  | WOOMERA'BN, AUSTR.    | 9003   | 10 13 | 11 19 05.90 | 20 21 54 | 13 07  |         |          |       | 434013 |
| 10653  | MAUI'BN, HAWAII       | 9012   | 10 13 | 14 21 06.35 | 3 24 48  | 48 32  |         |          |       | 434013 |
| 10641  | TOKYO'BN, JAPAN       | 9005   | 10 13 | 16 24 12.90 | 4 40 48  | 18 28  |         |          |       | 434013 |
| 10634  | OLIFANTSFNTN'BN, S.AF | 9002   | 10 13 | 17 45 25.20 | 19 52 36 | -14 09 |         |          |       | 434013 |
| 10642  | TOKYO'BN, JAPAN       | 9005   | 10 13 | 18 44 57.90 | 5 28 06  | 27 59  |         |          |       | 434013 |
| 10630  | NAINI TAL'BN, INOIA   | 9006   | 10 13 | 20 44 42.60 | 4 44 00  | 38 59  |         |          |       | 434013 |
| 10635  | SHIRAZ'BN, IRAN       | 9008   | 10 13 | 22 57 36.22 | 5 20 12  | 33 59  |         |          |       | 434013 |
| 10656  | SAN FERNANDO'BN, SP.  | 9004   | 10 14 | 3 16 40.00  | 4 26 36  | 23 10  |         |          |       | 434013 |
| 10631  | CURACAO'BN, N.W.I.    | 9009   | 10 14 | 7 31 21.11  | 2 04 12  | 53 20  |         |          |       | 434013 |
| 30262  | N. CANTON, OHIO       | 8559   | 10 14 | 9 56 11.6   | 5 59 20  | 18 42  |         |          |       | 845033 |
| 10636  | WOOMERA'BN, AUSTR.    | 9003   | 10 14 | 11 05 17.25 | 20 02 18 | 15 03  |         |          |       | 434013 |
| 10648  | SHIRAZ'BN, IRAN       | 9008   | 10 14 | 22 38 00.65 | 3 36 30  | 30 48  |         |          |       | 434013 |
| 10644  | NAINI TAL'BN, INOIA   | 9006   | 10 14 | 22 50 26.97 | 4 52 48  | 39 12  |         |          |       | 434013 |
| 10652  | VILLA OLORES'BN, ARG  | 9011   | 10 15 | 0 02 39.62  | 20 24 48 | 16 47  |         |          |       | 434013 |
| 10649  | SHIRAZ'BN, IRAN       | 9008   | 10 15 | 1 04 39.41  | 6 13 00  | 38 01  |         |          |       | 434013 |
| 10637  | SAN FERNANDO'BN, SP.  | 9004   | 10 15 | 5 27 03.50  | 6 44 48  | 22 01  |         |          |       | 434013 |
| 10651  | JUPITER'BN, FLA.      | 9010   | 10 15 | 7 22 57.24  | 5 56 30  | 37 28  |         |          |       | 434013 |
| 10643  | TOKYO'BN, JAPAN       | 9005   | 10 15 | 18 14 10.90 | 4 26 30  | 27 36  |         |          |       | 434013 |
| 10650  | SHIRAZ'BN, IRAN       | 9008   | 10 16 | 0 50 10.31  | 6 01 36  | 37 45  |         |          |       | 434013 |
| 10638  | SAN FERNANDO'BN, SP.  | 9004   | 10 16 | 2 47 51.10  | 4 12 42  | 23 57  |         |          |       | 434013 |
| 10655  | MAUI'BN, HAWAII       | 9012   | 10 16 | 13 41 13.32 | 4 40 18  | 52 35  |         |          |       | 434013 |
| 10657  | SHIRAZ'BN, IRAN       | 9008   | 10 16 | 22 13 37.31 | 4 42 48  | 34 25  |         |          |       | 434013 |
| 10645  | NAINI TAL'BN, INOIA   | 9006   | 10 16 | 22 17 20.82 | 2 58 00  | 35 14  |         |          |       | 434013 |
| 10639  | SAN FERNANDO'BN, SP.  | 9004   | 10 17 | 2 33 23.50  | 4 05 30  | 24 15  |         |          |       | 434013 |
| 10640  | SAN FERNANDO'BN, SP.  | 9004   | 10 17 | 4 56 49.20  | 5 51 06  | 23 20  |         |          |       | 434013 |
| 10658  | JUPITER'BN, FLA.      | 9010   | 10 17 | 9 14 14.01  | 6 06 30  | 41 36  |         |          |       | 434013 |
| 30263  | ROCHESTER, N.Y.       | 8564   | 10 17 | 9 14 29.0   | 5 54 30  | 13 47  |         |          |       | 845034 |
| 10659  | WOOMERA'BN, AUSTR.    | 9003   | 10 17 | 10 23 55.09 | 18 55 24 | 20 11  |         |          |       | 434013 |
| 10667  | SHIRAZ'BN, IRAN       | 9008   | 10 17 | 22 00 27.42 | 5 05 04  | 34 39  |         |          |       | 434013 |
| 10660  | NAINI TAL'BN, INOIA   | 9006   | 10 17 | 22 12 19.96 | 6 44 36  | 35 43  |         |          |       | 434013 |
| 10668  | SHIRAZ'BN, IRAN       | 9008   | 10 18 | 0 20 44.77  | 5 31 24  | 37 21  |         |          |       | 434013 |
| 30264  | CINCINNATI, OHIO      | 8555   | 10 18 | 8 55 58.2   | 4 59 18  | 22 00  |         |          |       | 845005 |
| 10661  | ORGAN PASS'BN, N.M.   | 9001   | 10 18 | 11 10 44.70 | 5 51 54  | 30 26  |         |          |       | 434013 |
| 10662  | TOKYO'BN, JAPAN       | 9005   | 10 18 | 17 33 28.30 | 5 05 24  | 28 03  |         |          |       | 434013 |
| 30269  | MITAKA, JAPAN         | 0229   | 10 18 | 19 56 05.1  |          |        | 198 48  | 66 18    |       | 845305 |
| 10663  | TOKYO'BN, JAPAN       | 9005   | 10 18 | 19 56 05.60 | 6 29 00  | 15 02  |         |          |       | 434013 |
| 10666  | AREQUIPA'BN, PERU     | 9007   | 10 19 | 1 26 26.77  | 20 30 30 | 26 24  |         |          |       | 434013 |
| 10664  | CURACAO'BN, N.W.I.    | 9009   | 10 19 | 6 27 04.05  | 5 16 06  | 59 55  |         |          |       | 434013 |
| 10665  | ORGAN PASS'BN, N.M.   | 9001   | 10 19 | 10 56 32.50 | 5 42 06  | 30 08  |         |          |       | 434013 |
| 10670  | NAINI TAL'BN, INOIA   | 9006   | 10 19 | 21 40 37.03 | 5 20 48  | 37 57  |         |          |       | 434013 |
| 10677  | SHIRAZ'BN, IRAN       | 9008   | 10 19 | 23 53 06.15 | 5 47 48  | 35 34  |         |          |       | 434013 |
| 10673  | AREQUIPA'BN, PERU     | 9007   | 10 20 | 1 14 23.69  | 21 21 30 | 36 29  |         |          |       | 434013 |
| 10669  | SAN FERNANDO'BN, SP.  | 9004   | 10 20 | 4 11 57.00  | 4 54 06  | 23 47  |         |          |       | 434013 |
| 10671  | CURACAO'BN, N.W.I.    | 9009   | 10 20 | 6 13 19.65  | 5 31 48  | 59 08  |         |          |       | 434013 |
| 10674  | JUPITER'BN, FLA.      | 9010   | 10 20 | 8 35 02.36  | 7 39 30  | 31 29  |         |          |       | 434013 |
| 10672  | ORGAN PASS'BN, N.M.   | 9001   | 10 20 | 10 40 26.70 | 4 56 54  | 31 01  |         |          |       | 434013 |
| 10675  | TOKYO'BN, JAPAN       | 9005   | 10 20 | 17 01 24.70 | 3 41 54  | 27 58  |         |          |       | 434013 |
| 10682  | SHIRAZ'BN, IRAN       | 9008   | 10 20 | 23 37 07.59 | 5 04 18  | 36 29  |         |          |       | 434013 |
| 10676  | NAINI TAL'BN, INOIA   | 9006   | 10 20 | 23 49 19.08 | 6 33 00  | 19 40  |         |          |       | 434013 |

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| 10681  | AREQUIPA'BN, PERU    | 9007   | 10 21 | 0 58 51.47  | 19 51 42 | 30 19  |         |          |       | 434013 |
| 10679  | JUPITER'BN, FLA.     | 9010   | 10 21 | 8 14 39.16  | 4 54 18  | 41 19  |         |          |       | 434013 |
| 10678  | CURACAO'BN, N.W.I.   | 9009   | 10 21 | 8 21 54.57  | 6 04 12  | 56 46  |         |          |       | 434013 |
| 10680  | ORGAN PASS'BN, N.M.  | 9001   | 10 21 | 10 27 01.10 | 5 14 12  | 29 55  |         |          |       | 434013 |
| 10683  | TOKYO'BN, JAPAN      | 9005   | 10 21 | 16 49 30.10 | 4 33 00  | 27 48  |         |          |       | 434013 |
| 30270  | MITAKA, JAPAN        | 0229   | 10 21 | 19 12 24.5  |          |        | 179 36  | 68 00    |       | 845303 |
| 10684  | TOKYO'BN, JAPAN      | 9005   | 10 21 | 19 12 33.40 | 5 58 06  | 14 24  |         |          |       | 434013 |
| 10688  | SHIRAZ'BN, IRAN      | 9008   | 10 21 | 23 23 11.13 | 5 11 06  | 35 40  |         |          |       | 434013 |
| 10685  | MAINI TAL'BN, INDIA  | 9006   | 10 21 | 23 35 30.13 | 6 37 06  | 17 45  |         |          |       | 434013 |
| 10690  | CURACAO'BN, N.W.I.   | 9009   | 10 22 | 0 48 52.53  | 21 36 48 | -30 49 |         |          |       | 434023 |
| 30265  | CINCINNATI, OHIO     | 8555   | 10 22 | 10 20 41    | 5 53 12  | 7 18   |         |          |       | 845003 |
| 10686  | MAINI TAL'BN, INDIA  | 9006   | 10 22 | 20 55 05.71 | 4 10 30  | 38 23  |         |          |       | 434013 |
| 10687  | AREQUIPA'BN, PERU    | 9007   | 10 23 | 0 31 16.75  | 19 06 48 | 33 21  |         |          |       | 434013 |
| 10691  | CURACAO'BN, N.W.I.   | 9009   | 10 23 | 0 37 11.86  | 22 52 12 | -16 04 |         |          |       | 434013 |
| 10689  | SHIRAZ'BN, IRAN      | 9008   | 10 23 | 1 32 40.74  | 6 30 54  | 11 50  |         |          |       | 434013 |
| 10692  | JUPITER'BN, FLA.     | 9010   | 10 23 | 7 44 41.11  | 4 24 06  | 41 42  |         |          |       | 434013 |
| 10693  | ORGAN PASS'BN, N.M.  | 9001   | 10 23 | 9 57 28.42  | 4 47 54  | 29 31  |         |          |       | 434013 |
| 10694  | ORGAN PASS'BN, N.M.  | 9001   | 10 23 | 12 19 04.45 | 5 32 00  | 9 53   |         |          |       | 434013 |
| 10695  | SHIRAZ'BN, IRAN      | 9008   | 10 23 | 22 52 58.78 | 4 28 48  | 35 55  |         |          |       | 434013 |
| 10700  | AREQUIPA'BN, PERU    | 9007   | 10 24 | 0 17 43.12  | 18 52 12 | 35 59  |         |          |       | 434013 |
| 10696  | JUPITER'BN, FLA.     | 9010   | 10 24 | 7 31 03.26  | 4 33 12  | 40 29  |         |          |       | 434013 |
| 30266  | CINCINNATI, OHIO     | 8555   | 10 24 | 9 51 24.5   | 5 31 00  | 6 37   |         |          |       | 845043 |
| 10697  | JUPITER'BN, FLA.     | 9010   | 10 24 | 9 55 28.14  | 6 06 30  | 18 00  |         |          |       | 434013 |
| 10702  | SHIRAZ'BN, IRAN      | 9008   | 10 24 | 22 39 17.11 | 4 41 36  | 34 48  |         |          |       | 434013 |
| 10698  | MAINI TAL'BN, INDIA  | 9006   | 10 24 | 22 52 46.06 | 6 25 18  | 13 45  |         |          |       | 434013 |
| 10699  | CURACAO'BN, N.W.I.   | 9009   | 10 25 | 0 09 51.02  | 22 39 06 | -13 39 |         |          |       | 434013 |
| 10703  | SHIRAZ'BN, IRAN      | 9008   | 10 25 | 1 03 38.14  | 6 11 18  | 10 46  |         |          |       | 434013 |
| 10701  | ORGAN PASS'BN, N.M.  | 9001   | 10 25 | 9 28 12.80  | 4 28 36  | 28 52  |         |          |       | 434013 |
| 10704  | JUPITER'BN, FLA.     | 9010   | 10 25 | 9 42 43.92  | 6 31 42  | 13 18  |         |          |       | 434013 |
| 10707  | MAINI TAL'BN, INDIA  | 9006   | 10 25 | 20 19 25.51 | 6 13 18  | 27 33  |         |          |       | 434013 |
| 10708  | CURACAO'BN, N.W.I.   | 9009   | 10 25 | 23 55 54.95 | 22 18 12 | -15 03 |         |          |       | 434013 |
| 10712  | SHIRAZ'BN, IRAN      | 9008   | 10 26 | 0 48 45.39  | 5 55 30  | 10 50  |         |          |       | 434013 |
| 10705  | SAN FERNANDO'BN, SP. | 9004   | 10 26 | 2 48 31.50  | 5 22 48  | 17 14  |         |          |       | 434013 |
| 10706  | SAN FERNANDO'BN, SP. | 9004   | 10 26 | 5 09 30.60  | 5 50 54  | - 2 11 |         |          |       | 434013 |
| 10709  | CURACAO'BN, N.W.I.   | 9009   | 10 26 | 7 07 27.44  | 5 05 24  | 55 00  |         |          |       | 434013 |
| 10710  | ORGAN PASS'BN, N.M.  | 9001   | 10 26 | 9 15 30.90  | 5 01 06  | 26 07  |         |          |       | 434013 |
| 10711  | ORGAN PASS'BN, N.M.  | 9001   | 10 26 | 11 37 43.60 | 5 46 12  | 3 59   |         |          |       | 434013 |
| 10715  | SHIRAZ'BN, IRAN      | 9008   | 10 26 | 22 14 32.11 | 5 57 48  | 26 56  |         |          |       | 434013 |
| 10713  | MAINI TAL'BN, INDIA  | 9006   | 10 26 | 22 17 02.66 | 3 57 36  | 23 30  |         |          |       | 434013 |
| 10714  | CURACAO'BN, N.W.I.   | 9009   | 10 27 | 6 54 16.33  | 5 33 54  | 52 31  |         |          |       | 434013 |
| 10717  | JUPITER'BN, FLA.     | 9010   | 10 27 | 9 02 24.54  | 5 33 48  | 16 18  |         |          |       | 434013 |
| 30267  | WICHITA, KAN.        | 0028   | 10 27 | 9 03 41.6   | 4 56 10  | 13 22  |         |          |       | 845043 |
| 30268  | WICHITA, KAN.        | 0028   | 10 27 | 9 03 46.4   | 4 57 19  | 13 17  |         |          |       | 845043 |
| 10718  | ORGAN PASS'BN, N.M.  | 9001   | 10 27 | 9 05 04.01  | 6 09 12  | 18 05  |         |          |       | 434013 |
| 10716  | JUPITER'BN, FLA.     | 9010   | 10 27 | 9 11 32.40  | 2 41 30  | 26 51  |         |          |       | 434013 |
| 10719  | ORGAN PASS'BN, N.M.  | 9001   | 10 27 | 11 22 20.90 | 5 23 06  | 4 59   |         |          |       | 434013 |
| 10722  | MAUI'BN, HAWAII      | 9012   | 10 27 | 13 26 47.01 | 5 26 00  | 35 02  |         |          |       | 434013 |
| 10720  | MAINI TAL'BN, INDIA  | 9006   | 10 27 | 22 10 36.00 | 6 21 54  | 8 50   |         |          |       | 434013 |
| 10724  | CURACAO'BN, N.W.I.   | 9009   | 10 27 | 23 29 03.01 | 22 25 24 | - 8 10 |         |          |       | 434013 |
| 10721  | SHIRAZ'BN, IRAN      | 9008   | 10 28 | 0 19 23.47  | 5 33 06  | 9 52   |         |          |       | 434013 |
| 10726  | CURACAO'BN, N.W.I.   | 9009   | 10 28 | 6 41 07.16  | 5 58 54  | 49 15  |         |          |       | 434013 |
| 10725  | CURACAO'BN, N.W.I.   | 9009   | 10 28 | 9 05 39.05  | 6 45 06  | 20 13  |         |          |       | 434013 |
| 10723  | AREQUIPA'BN, PERU    | 9007   | 10 28 | 9 16 19.48  | 9 57 00  | 29 48  |         |          |       | 434013 |
| 10738  | MAUI'BN, HAWAII      | 9012   | 10 28 | 13 15 24.56 | 6 22 18  | 27 16  |         |          |       | 434013 |
| 10741  | SHIRAZ'BN, IRAN      | 9008   | 10 29 | 0 02 20.58  | 4 39 48  | 13 42  |         |          |       | 434013 |
| 10728  | SAN FERNANDO'BN, SP. | 9004   | 10 29 | 4 23 11.50  | 4 42 24  | 0 46   |         |          |       | 434013 |
| 10739  | MAUI'BN, HAWAII      | 9012   | 10 29 | 5 48 26.60  | 22 49 18 | - 3 37 |         |          |       | 434013 |
| 10733  | CURACAO'BN, N.W.I.   | 9009   | 10 29 | 6 27 27.24  | 6 09 48  | 46 41  |         |          |       | 434013 |
| 10737  | JUPITER'BN, FLA.     | 9010   | 10 29 | 8 42 31.92  | 5 18 24  | 14 19  |         |          |       | 434013 |
| 10727  | ORGAN PASS'BN, N.M.  | 9001   | 10 29 | 10 53 41.60 | 5 13 12  | 2 33   |         |          |       | 434013 |
| 10740  | MAUI'BN, HAWAII      | 9012   | 10 29 | 12 57 56.34 | 5 15 36  | 33 00  |         |          |       | 434013 |
| 10729  | MAINI TAL'BN, INDIA  | 9006   | 10 29 | 21 57 43.80 | 4 57 06  | 14 47  |         |          |       | 434013 |
| 10734  | CURACAO'BN, N.W.I.   | 9009   | 10 30 | 1 17 57.66  | 20 11 30 | 38 30  |         |          |       | 434013 |
| 10748  | MAUI'BN, HAWAII      | 9012   | 10 30 | 5 34 08.60  | 22 07 42 | - 8 13 |         |          |       | 434013 |
| 10735  | CURACAO'BN, N.W.I.   | 9009   | 10 30 | 8 36 42.58  | 6 28 24  | 17 35  |         |          |       | 434013 |
| 10730  | MAINI TAL'BN, INDIA  | 9006   | 10 30 | 21 24 26.97 | 5 12 00  | 11 17  |         |          |       | 434013 |
| 10732  | SHIRAZ'BN, IRAN      | 9008   | 10 30 | 23 35 09.68 | 4 56 36  | 8 18   |         |          |       | 434013 |
| 10731  | MAINI TAL'BN, INDIA  | 9006   | 10 30 | 23 43 46.38 | 5 00 42  | - 8 41 |         |          |       | 434013 |
| 10749  | MAUI'BN, HAWAII      | 9012   | 10 31 | 5 20 55.48  | 22 25 54 | - 3 10 |         |          |       | 434013 |
| 10744  | AREQUIPA'BN, PERU    | 9007   | 10 31 | 8 20 03.73  | 5 58 48  | 51 46  |         |          |       | 434013 |
| 10736  | CURACAO'BN, N.W.I.   | 9009   | 10 31 | 8 22 04.94  | 6 17 36  | 16 41  |         |          |       | 434013 |
| 10750  | MAUI'BN, HAWAII      | 9012   | 10 31 | 12 37 02.75 | 7 18 00  | 11 08  |         |          |       | 434013 |
| 10743  | TOKYO'BN, JAPAN      | 9005   | 10 31 | 16 50 42.60 | 5 31 48  | 1 20   |         |          |       | 434013 |
| 10745  | MAINI TAL'BN, INDIA  | 9006   | 10 31 | 21 10 42.51 | 5 17 48  | 8 39   |         |          |       | 434013 |
| 10753  | SHIRAZ'BN, IRAN      | 9008   | 10 31 | 23 20 32.73 | 4 46 42  | 7 27   |         |          |       | 434013 |
| 10746  | MAINI TAL'BN, INDIA  | 9006   | 10 31 | 23 33 18.72 | 5 45 48  | -18 25 |         |          |       | 434013 |
| 10747  | CURACAO'BN, N.W.I.   | 9009   | 11 01 | 0 52 32.55  | 20 21 54 | 56 35  |         |          |       | 434013 |
| 10755  | MAUI'BN, HAWAII      | 9012   | 11 01 | 5 06 40.85  | 21 48 00 | - 8 22 |         |          |       | 434013 |
| 10756  | MAUI'BN, HAWAII      | 9012   | 11 01 | 12 19 08.93 | 6 20 18  | 18 28  |         |          |       | 434013 |
| 10751  | MAINI TAL'BN, INDIA  | 9006   | 11 01 | 20 58 23.20 | 5 41 36  | 2 49   |         |          |       | 434013 |
| 10752  | MAINI TAL'BN, INDIA  | 9006   | 11 01 | 23 16 47.02 | 5 10 18  | -14 52 |         |          |       | 434013 |
| 10757  | ORGAN PASS'BN, N.M.  | 9001   | 11 02 | 2 49 36.20  | 23 05 36 | - 1 18 |         |          |       | 434013 |

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| 10762  | MAUI'BN, HAWAII        | 9012   | 11 02 | 4 53 19.83  | 21 48 00 | - 4 18 |           |          |       | 434013 |
| 10754  | CURACAO'BN, N.W.I.     | 9009   | 11 02 | 7 53 27.76  | 6 07 54  | 12 56  |           |          |       | 434013 |
| 10758  | ORGAN PASS'BN, N.M.    | 9001   | 11 02 | 12 17 53.60 | 5 17 24  | -23 09 |           |          |       | 434023 |
| 10763  | MAUI'BN, HAWAII        | 9012   | 11 02 | 14 24 07.88 | 5 30 42  | - 6 27 |           |          |       | 434013 |
| 10759  | SHIRAZ'BN, IRAN        | 9008   | 11 02 | 15 45 15.90 | 22 38 12 | - 2 47 |           |          |       | 434013 |
| 10760  | CURACAO'BN, N.W.I.     | 9009   | 11 03 | 0 25 49.00  | 20 39 06 | 65 58  |           |          |       | 434013 |
| 10767  | MAUI'BN, HAWAII        | 9012   | 11 03 | 4 39 57.09  | 21 58 00 | - 0 18 |           |          |       | 434013 |
| 10761  | CURACAO'BN, N.W.I.     | 9009   | 11 03 | 7 38 19.01  | 5 49 12  | 13 16  |           |          |       | 434013 |
| 10764  | NAINI TAL'BN, INOIA    | 9006   | 11 03 | 13 20 29.38 | 22 53 12 | -17 58 |           |          |       | 434013 |
| 10765  | JUPITER'BN, FLA.       | 9010   | 11 04 | 0 08 02.46  | 19 47 12 | -13 58 |           |          |       | 434013 |
| 50012  | AIKEN, S.C.            | 6023   | 11 04 | 0 09 11.1   | 21 35 18 | -25 16 |           |          |       | 634042 |
| 10766  | JUPITER'BN, FLA.       | 9010   | 11 04 | 0 11 24.77  | 23 34 54 | 11 50  |           |          |       | 434013 |
| 10770  | SHIRAZ'BN, IRAN        | 9008   | 11 04 | 15 18 25.21 | 22 13 48 | - 3 44 |           |          |       | 434013 |
| 50013  | AIKEN, S.C.            | 6023   | 11 04 | 23 55 32.5  | 21 25 15 | -26 02 |           |          |       | 634042 |
| 10769  | NAINI TAL'BN, INDIA    | 9006   | 11 05 | 22 18 03.67 | 4 26 30  | -17 36 |           |          |       | 434013 |
| 10771  | JUPITER'BN, FLA.       | 9010   | 11 05 | 23 42 30.57 | 21 25 24 | 0 15   |           |          |       | 434013 |
| 10772  | JUPITER'BN, FLA.       | 9010   | 11 05 | 23 43 51.55 | 23 15 18 | 12 21  |           |          |       | 434013 |
| 10768  | TOKYO'BN, JAPAN        | 9005   | 11 06 | 10 36 40.60 | 7 59 30  | 5 20   | 205 18    | 57 48    |       | 434013 |
| 30283  | MITAKA, JAPAN          | 0229   | 11 06 | 10 36 41.1  |          |        |           |          |       | 845303 |
| 10773  | MAUI'BN, HAWAII        | 9012   | 11 06 | 13 25 55.33 | 4 54 12  | -11 10 |           |          |       | 434013 |
| 10776  | NAINI TAL'BN, INDIA    | 9006   | 11 06 | 22 04 40.97 | 4 32 12  | -21 00 |           |          |       | 434013 |
| 10778  | JUPITER'BN, FLA.       | 9010   | 11 06 | 23 28 15.74 | 20 18 54 | - 5 47 |           |          |       | 434013 |
| 50014  | AIKEN, S.C.            | 6023   | 11 06 | 23 28 19.4  | 21 06 09 | -27 17 |           |          |       | 634042 |
| 10779  | JUPITER'BN, FLA.       | 9010   | 11 06 | 23 29 16.19 | 21 51 18 | 5 47   |           |          |       | 434013 |
| 10780  | JUPITER'BN, FLA.       | 9010   | 11 06 | 23 31 28.24 | 0 34 06  | 19 15  |           |          |       | 434013 |
| 10775  | CURACAO'BN, N.W.I.     | 9009   | 11 07 | 6 43 10.45  | 6 29 48  | - 1 13 |           |          |       | 434013 |
| 10774  | CURACAO'BN, N.W.I.     | 9009   | 11 07 | 9 02 31.87  | 5 12 12  | -23 23 |           |          |       | 434023 |
| 11054  | MAUI'BN, HAWAII        | 9012   | 11 07 | 13 11 46.72 | 4 51 00  | -13 25 |           |          |       | 434013 |
| 10777  | CURACAO'BN, N.W.I.     | 9009   | 11 08 | 6 30 01.40  | 6 27 18  | - 7 04 |           |          |       | 434013 |
| 30284  | MITAKA, JAPAN          | 0229   | 11 08 | 10 10 16.2  |          |        | 168 12    | 64 06    |       | 845303 |
| 10781  | TOKYO'BN, JAPAN        | 9005   | 11 08 | 10 10 24.40 | 23 04 06 | 10 09  |           |          |       | 434013 |
| 10786  | MAUI'BN, HAWAII        | 9012   | 11 08 | 12 59 24.55 | 5 15 48  | -20 15 |           |          |       | 434013 |
| 10782  | NAINI TAL'BN, INOIA    | 9006   | 11 08 | 14 28 22.39 | 19 31 30 | 27 20  |           |          |       | 434013 |
| 10785  | SAN FERNANDO'BN, SP.   | 9004   | 11 08 | 18 45 13.20 | 22 10 48 | -14 07 |           |          |       | 434013 |
| 10783  | NAINI TAL'BN, INOIA    | 9006   | 11 08 | 21 40 49.94 | 5 26 06  | -32 51 |           |          |       | 434023 |
| 30271  | PUEBLA, MEX.           | 0900   | 11 09 | 1 15 17.0   | 22 00 00 | 74 21  |           |          |       | 845043 |
| 10784  | CURACAO'BN, N.W.I.     | 9009   | 11 09 | 8 34 26.68  | 5 08 12  | -28 12 |           |          |       | 434023 |
| 10788  | SHIRAZ'BN, IRAN        | 9008   | 11 09 | 16 26 35.51 | 20 34 42 | 38 37  |           |          |       | 434013 |
| 10787  | ORGAN PASS'BN, N.M.    | 9001   | 11 10 | 0 59 52.30  | 21 51 36 | - 4 43 |           |          |       | 434013 |
| 30272  | CHINA LAKE, CAL.       | 8588   | 11 10 | 3 14 53.6   |          |        | 171 27 36 | 68 40 48 |       | 845303 |
| 10801  | JUPITER'BN, FLA.       | 9010   | 11 10 | 8 15 07.07  | 5 02 48  | -34 05 |           |          |       | 434023 |
| 10795  | AREQUIPA'BN, PERU      | 9007   | 11 10 | 8 25 07.00  | 6 33 48  | - 1 24 |           |          |       | 434013 |
| 30295  | HIGASHIMATSUYAMA, JAP  | 0210   | 11 10 | 9 42 39.7   | 22 33 48 | 6 42   |           |          |       | 845003 |
| 30294  | MITAKA, JAPAN          | 0229   | 11 10 | 9 42 44.5   |          |        | 169 06    | 62 36    |       | 845303 |
| 10793  | TOKYO'BN, JAPAN        | 9005   | 11 10 | 9 42 49.00  | 22 40 24 | 8 29   |           |          |       | 434013 |
| 10794  | NAINI TAL'BN, INOIA    | 9006   | 11 10 | 14 02 21.93 | 20 54 18 | 42 33  |           |          |       | 434013 |
| 10797  | SHIRAZ'BN, IRAN        | 9008   | 11 10 | 16 13 27.88 | 21 15 00 | 44 23  |           |          |       | 434013 |
| 10789  | ORGAN PASS'BN, N.M.    | 9001   | 11 11 | 0 46 17.60  | 21 49 48 | - 4 19 |           |          |       | 434013 |
| 30273  | PUEBLA, MEX.           | 0900   | 11 11 | 0 47 57.6   | 21 52 36 | 79 11  |           |          |       | 845043 |
| 30274  | PUEBLA, MEX.           | 0900   | 11 11 | 0 51 49.2   | 3 27 30  | 49 03  |           |          |       | 845043 |
| 50016  | AIKEN, S.C.            | 6023   | 11 11 | 0 52 08.8   | 22 45 49 | 26 36  |           |          |       | 634042 |
| 30275  | SAN JOSE, CAL.         | 8573   | 11 11 | 2 59 46.7   | 22 15 36 | - 0 42 |           |          |       | 845044 |
| 30276  | CHINA LAKE, CAL.       | 8588   | 11 11 | 3 01 07.4   |          |        | 172 11 24 | 67 50 36 |       | 845303 |
| 10802  | VILLA ODOLORES'BN, ARG | 9011   | 11 11 | 8 03 21.31  | 4 07 30  | 23 28  |           |          |       | 434013 |
| 10804  | CURACAO'BN, N.W.I.     | 9009   | 11 11 | 8 04 15.96  | 5 34 54  | -26 59 |           |          |       | 434023 |
| 10798  | SHIRAZ'BN, IRAN        | 9008   | 11 11 | 16 00 04.92 | 21 48 24 | 48 07  |           |          |       | 434013 |
| 30277  | ST. PETERSBURG, FLA.   | 0121   | 11 12 | 0 37 11     | 20 07    | 53 00  |           |          |       | 845042 |
| 30279  | ROCHESTER, N.Y.        | 8564   | 11 12 | 0 39 23.6   | 22 49 00 | -10 19 |           |          |       | 845033 |
| 50015  | ROCHESTER, N.Y.        | 5050   | 11 12 | 0 39 31.0   | 22 58 00 | - 9 54 |           |          |       | 845033 |
| 30280  | CHINA LAKE, CAL.       | 8588   | 11 12 | 2 47 22.6   |          |        | 172 26 24 | 66 24 12 |       | 845303 |
| 30281  | CINCINNATI, OHIO       | 0050   | 11 12 | 2 48 58.6   | 19 33 18 | 0 55   |           |          |       | 845004 |
| 10792  | WOOMERA'BN, AUSTR.     | 9003   | 11 12 | 16 31 19.18 | 7 12 54  | 19 22  |           |          |       | 434013 |
| 10791  | WOOMERA'BN, AUSTR.     | 9003   | 11 12 | 18 55 12.66 | 8 10 48  | - 7 50 |           |          |       | 434013 |
| 50017  | AIKEN, S.C.            | 6023   | 11 13 | 0 24 38.8   | 22 26 06 | 26 46  |           |          |       | 634042 |
| 10790  | ORGAN PASS'BN, N.M.    | 9001   | 11 13 | 2 36 06.25  | 22 38 00 | 36 00  |           |          |       | 434013 |
| 10799  | CURACAO'BN, N.W.I.     | 9009   | 11 13 | 7 36 36.73  | 4 34 54  | -27 59 |           |          |       | 434023 |
| 10796  | AREQUIPA'BN, PERU      | 9007   | 11 13 | 7 40 27.90  | 5 54 24  | - 2 55 |           |          |       | 434013 |
| 10826  | SHIRAZ'BN, IRAN        | 9008   | 11 13 | 15 33 05.31 | 22 26 36 | 52 13  |           |          |       | 434013 |
| 10816  | WOOMERA'BN, AUSTR.     | 9003   | 11 13 | 18 40 25.47 | 7 59 42  | - 8 35 |           |          |       | 434013 |
| 0803   | ORGAN PASS'BN, N.M.    | 9001   | 11 14 | 2 22 17.80  | 22 17 30 | 36 10  |           |          |       | 434013 |
| 0800   | CURACAO'BN, N.W.I.     | 9009   | 11 14 | 7 21 54.73  | 4 37 36  | -34 05 |           |          |       | 434023 |
| 0805   | VILLA ODOLORES'BN, ARG | 9011   | 11 14 | 7 24 24.42  | 4 58 24  | 18 39  |           |          |       | 434013 |
| 0806   | VILLA ODOLORES'BN, ARG | 9011   | 11 14 | 7 41 24.24  | 9 23 48  | -12 39 |           |          |       | 434013 |
| 0809   | SHIRAZ'BN, IRAN        | 9008   | 11 14 | 15 19 13.57 | 21 38 54 | 53 42  |           |          |       | 434013 |
| 0807   | SAN FERNANDO'BN, SP.   | 9004   | 11 14 | 19 40 10.90 | 22 33 24 | 11 59  |           |          |       | 434013 |
| 00018  | AIKEN, S.C.            | 6023   | 11 14 | 23 57 11.2  | 22 06 00 | 26 53  |           |          |       | 634042 |
| 0808   | OLIFANTSFNTN'BN, S.AF  | 9002   | 11 15 | 0 48 55.80  | 7 16 06  | - 5 42 |           |          |       | 434013 |
| 10282  | CHINA LAKE, CAL.       | 8588   | 11 15 | 2 06 11.5   |          |        | 173 43 12 | 64 26 24 |       | 845303 |
| 0812   | TOKYO'BN, JAPAN        | 9005   | 11 15 | 8 34 04.30  | 21 33 36 | 3 51   |           |          |       | 434013 |
| 0810   | WOOMERA'BN, AUSTR.     | 9003   | 11 15 | 15 47 00.78 | 6 39 00  | 19 00  |           |          |       | 434013 |
| 0817   | WOOMERA'BN, AUSTR.     | 9003   | 11 15 | 17 55 43.60 | 7 23 18  | -10 04 |           |          |       | 434013 |
| 10811  | WOOMERA'BN, AUSTR.     | 9003   | 11 15 | 18 09 41.06 | 7 18 42  | - 7 46 |           |          |       | 434013 |

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| 10813  | SAN FERNANDO*BN, SP.  | 9004   | 11 15 | 19 26 41.40 | 22 50 06 | 10 40  |           |          |       | 434013 |
| 50019  | AIKEN, S.C.           | 6023   | 11 15 | 23 43 28.2  | 21 56 12 | 26 53  |           |          |       | 634042 |
| 30278  | ALBUQUERQUE, N.M.     | 8579   | 11 16 | 1 55 01.1   |          |        | 180 00    | 73 24    |       | 845303 |
| 10815  | VILLA DOLORES*BN, ARG | 9011   | 11 16 | 4 46 11.07  | 7 12 30  | 14 39  |           |          |       | 434013 |
| 10814  | CURACAO*BN, N.W.I.    | 9009   | 11 16 | 6 55 04.47  | 4 59 48  | -44 40 |           |          |       | 434023 |
| 10818  | SHIRAZ*BN, IRAN       | 9008   | 11 16 | 14 51 57.97 | 22 16 30 | 56 51  |           |          |       | 434013 |
| 30285  | COLUMBUS, OHIO        | 0051   | 11 16 | 23 29 25.8  |          |        | 180 00    | 37 48    |       | 845303 |
| 50020  | AIKEN, S.C.           | 6023   | 11 16 | 23 29 46.0  | 21 46 30 | 27 04  |           |          |       | 634042 |
| 10823  | OLIFANTSFNTN*BN, S.AF | 9002   | 11 17 | 0 20 49.73  | 7 21 06  | -11 47 |           |          |       | 434013 |
| 30286  | PUEBLA, MEX.          | 0900   | 11 17 | 1 43 29.0   | 0 55 00  | 85 22  |           |          |       | 845043 |
| 10820  | VILLA DOLORES*BN, ARG | 9011   | 11 17 | 4 31 35.70  | 7 04 30  | 14 08  |           |          |       | 434013 |
| 10821  | VILLA DOLORES*BN, ARG | 9011   | 11 17 | 4 35 49.70  | 7 49 30  | 6 08   |           |          |       | 434013 |
| 10819  | CURACAO*BN, N.W.I.    | 9009   | 11 17 | 6 40 57.67  | 4 42 00  | -44 55 |           |          |       | 434023 |
| 10827  | VILLA DOLORES*BN, ARG | 9011   | 11 17 | 6 51 17.84  | 7 16 00  | -5 25  |           |          |       | 434013 |
| 10828  | VILLA DOLORES*BN, ARG | 9011   | 11 17 | 6 58 01.41  | 9 09 12  | -15 30 |           |          |       | 434013 |
| 10825  | WOOMERA*BN, AUSTR.    | 9003   | 11 17 | 15 19 04.40 | 6 39 00  | 15 10  |           |          |       | 834013 |
| 10824  | WOOMERA*BN, AUSTR.    | 9003   | 11 17 | 17 40 34.13 | 8 06 42  | -9 59  |           |          |       | 834013 |
| 30287  | FT. BELVOIR, VA.      | 0077   | 11 17 | 23 17 07.4  |          |        | 180       | 45 30    |       | 845303 |
| 30288  | N. CANTON, OHIO       | 8565   | 11 17 | 23 17 22.5  | 23 19 18 | -13 37 |           |          |       | 845013 |
| 30289  | ALBUQUERQUE, N.M.     | 8579   | 11 18 | 1 27 32.9   |          |        | 180 00    | 71 36    |       | 845302 |
| 10822  | ORGAN PASS*BN, N.M.   | 9001   | 11 18 | 1 27 42.10  | 22 29 54 | 37 01  |           |          |       | 434013 |
| 30291  | PUEBLA, MEX.          | 0900   | 11 18 | 1 29 40.0   | 1 00 00  | 86 03  |           |          |       | 845043 |
| 30292  | PUEBLA, MEX.          | 0900   | 11 18 | 1 29 53.4   | 2 22 42  | 83 34  |           |          |       | 845043 |
| 10829  | VILLA DOLORES*BN, ARG | 9011   | 11 18 | 6 33 35.04  | 6 16 42  | 0 15   |           |          |       | 434013 |
| 10830  | VILLA DOLORES*BN, ARG | 9011   | 11 18 | 6 45 21.11  | 9 33 30  | -17 45 |           |          |       | 434013 |
| 10834  | TOKYO*BN, JAPAN       | 9005   | 11 18 | 10 09 24.00 | 21 49 12 | 6 51   |           |          |       | 434013 |
| 10832  | WOOMERA*BN, AUSTR.    | 9003   | 11 18 | 17 25 39.27 | 6 55 24  | -10 22 |           |          |       | 434013 |
| 10833  | SAN FERNANDO*BN, SP.  | 9004   | 11 18 | 18 45 26.60 | 22 19 06 | 5 49   |           |          |       | 434013 |
| 30290  | ALBUQUERQUE, N.M.     | 8579   | 11 19 | 1 13 50.1   |          |        | 180 00    | 70 00    |       | 845303 |
| 30296  | PUEBLA, MEX.          | 0900   | 11 19 | 1 16 01.9   | 2 29 00  | 85 37  |           |          |       | 845043 |
| 10836  | AREQUIPA*BN, PERU     | 9007   | 11 19 | 6 14 13.82  | 5 27 30  | -13 51 |           |          |       | 434013 |
| 10831  | ORGAN PASS*BN, N.M.   | 9001   | 11 20 | 1 00 00.60  | 21 23 36 | 37 42  |           |          |       | 434013 |
| 30293  | ST. LOUIS, MO.        | 0140   | 11 20 | 1 03 58.0   | 22 58 18 | -11 24 |           |          |       | 845012 |
| 30297  | SACRAMENTO, CAL.      | 8590   | 11 20 | 3 13 58.6   | 23 07 42 | -12 06 |           |          |       | 845013 |
| 10837  | MAUI*BN, HAWAII       | 9012   | 11 20 | 5 23 20.70  | 0 17 00  | 79 55  |           |          |       | 434013 |
| 30310  | HIGASHIMATSUYAMA, JAP | 0210   | 11 20 | 9 42 19.6   |          |        | 0 00      | 52 12    |       | 845303 |
| 10835  | TOKYO*BN, JAPAN       | 9005   | 11 20 | 9 42 30.60  | 22 27 18 | 1 43   |           |          |       | 434013 |
| 30298  | PUEBLA, MEX.          | 0900   | 11 21 | 0 48 36.2   | 4 19 30  | 85 26  |           |          |       | 845043 |
| 10838  | ORGAN PASS*BN, N.M.   | 9001   | 11 21 | 0 48 40.29  | 1 43 48  | 16 36  |           |          |       | 434013 |
| 30299  | PUEBLA, MEX.          | 0900   | 11 21 | 0 48 55.4   | 4 02 42  | 80 32  |           |          |       | 845043 |
| 10841  | JUPITER*BN, FLA.      | 9010   | 11 21 | 0 50 00.80  | 18 32 06 | 33 53  |           |          |       | 434013 |
| 10842  | JUPITER*BN, FLA.      | 9010   | 11 21 | 0 50 28.94  | 19 00 54 | 36 36  |           |          |       | 434013 |
| 30300  | CINCINNATI, OHIO      | 0050   | 11 21 | 0 50 55.5   | 22 20 18 | -15 45 |           |          |       | 845004 |
| 30301  | SACRAMENTO, CAL.      | 8590   | 11 21 | 3 00 15.8   | 22 48 24 | -13 34 |           |          |       | 845013 |
| 11055  | MAUI*BN, HAWAII       | 9012   | 11 21 | 5 09 53.15  | 1 36 48  | 77 22  |           |          |       | 434013 |
| 10840  | TOKYO*BN, JAPAN       | 9005   | 11 21 | 9 28 42.00  | 22 08 48 | -1 32  |           |          |       | 434013 |
| 30311  | HIGASHIMATSUYAMA, JAP | 0210   | 11 21 | 9 29 03.8   |          |        | 180 00    | 49 48    |       | 845303 |
| 10844  | SHIRAZ*BN, IRAN       | 9008   | 11 21 | 15 59 25.56 | 20 50 12 | 23 03  |           |          |       | 434013 |
| 10839  | WOOMERA*BN, AUSTR.    | 9003   | 11 21 | 16 41 00.30 | 6 20 18  | -11 12 |           |          |       | 434013 |
| 10847  | OLIFANTSFNTN*BN, S.AF | 9002   | 11 21 | 23 03 20.74 | 5 21 42  | -3 35  |           |          |       | 434013 |
| 10848  | OLIFANTSFNTN*BN, S.AF | 9002   | 11 22 | 1 28 30.74  | 7 02 00  | -36 52 |           |          |       | 434023 |
| 10843  | AREQUIPA*BN, PERU     | 9007   | 11 22 | 5 33 59.39  | 6 18 12  | -26 08 |           |          |       | 434023 |
| 10845  | VILLA DOLORES*BN, ARG | 9011   | 11 22 | 7 46 40.83  | 3 53 36  | -7 37  |           |          |       | 434013 |
| 10846  | VILLA DOLORES*BN, ARG | 9011   | 11 22 | 7 58 05.08  | 6 48 06  | -27 35 |           |          |       | 434023 |
| 10850  | NAINI TAL*BN, INDIA   | 9006   | 11 22 | 13 36 00.94 | 23 05 18 | 29 30  |           |          |       | 434013 |
| 10851  | SHIRAZ*BN, IRAN       | 9008   | 11 22 | 15 46 23.00 | 21 53 18 | 18 37  |           |          |       | 434013 |
| 10849  | WOOMERA*BN, AUSTR.    | 9003   | 11 22 | 16 26 08.29 | 6 07 54  | -11 19 |           |          |       | 434013 |
| 10853  | JUPITER*BN, FLA.      | 9010   | 11 23 | 0 22 15.14  | 17 45 30 | 30 14  |           |          |       | 434013 |
| 10854  | JUPITER*BN, FLA.      | 9010   | 11 23 | 0 24 32.45  | 21 13 12 | 40 43  |           |          |       | 434013 |
| 10855  | JUPITER*BN, FLA.      | 9010   | 11 23 | 0 25 33.47  | 23 45 24 | 33 01  |           |          |       | 434013 |
| 30302  | CHINA LAKE, CAL.      | 0098   | 11 23 | 2 33 16.0   |          |        | 195 39 00 | 44 02 24 |       | 641303 |
| 10852  | ORGAN PASS*BN, N.M.   | 9001   | 11 23 | 2 35 38.13  | 22 04 48 | -5 46  |           |          |       | 434013 |
| 10861  | VILLA DOLORES*BN, ARG | 9011   | 11 23 | 7 43 03.66  | 6 30 36  | -27 38 |           |          |       | 434023 |
| 10862  | VILLA DOLORES*BN, ARG | 9011   | 11 23 | 7 48 23.54  | 8 35 30  | -32 12 |           |          |       | 434023 |
| 10856  | WOOMERA*BN, AUSTR.    | 9003   | 11 23 | 18 35 49.33 | 7 44 54  | -34 12 |           |          |       | 434023 |
| 30303  | CINCINNATI, OHIO      | 0050   | 11 24 | 0 09 40.1   | 21 40 30 | -21 53 |           |          |       | 845004 |
| 30304  | W.PALM BEACH, FLA.    | 0016   | 11 24 | 1 11 39     |          |        | 18 00     | 79 30    |       | 845302 |
| 10868  | AREQUIPA*BN, PERU     | 9007   | 11 24 | 7 25 13.55  | 5 51 24  | -49 32 |           |          |       | 434023 |
| 10858  | TOKYO*BN, JAPAN       | 9005   | 11 24 | 8 48 15.20  | 22 56 00 | -11 50 |           |          |       | 434013 |
| 10859  | NAINI TAL*BN, INDIA   | 9006   | 11 24 | 13 08 38.94 | 22 58 48 | 23 24  |           |          |       | 434013 |
| 10857  | WOOMERA*BN, AUSTR.    | 9003   | 11 24 | 15 56 37.58 | 5 44 00  | -11 30 |           |          |       | 434013 |
| 10873  | VILLA DOLORES*BN, ARG | 9011   | 11 25 | 7 16 07.10  | 7 17 18  | -31 27 |           |          |       | 434023 |
| 10867  | NAINI TAL*BN, INDIA   | 9006   | 11 25 | 12 54 54.68 | 22 44 48 | 21 16  |           |          |       | 434013 |
| 10863  | WOOMERA*BN, AUSTR.    | 9003   | 11 25 | 16 05 56.25 | 7 22 12  | -34 33 |           |          |       | 434023 |
| 30305  | CINCINNATI, OHIO      | 0050   | 11 25 | 23 42 13.2  | 21 14 00 | -25 11 |           |          |       | 845004 |
| 30306  | W.PALM BEACH, FLA.    | 0016   | 11 25 | 23 44 12    |          |        | 19        | 83       |       | 845303 |
| 10864  | WOOMERA*BN, AUSTR.    | 9003   | 11 26 | 15 26 56.97 | 5 16 00  | -11 11 |           |          |       | 434013 |
| 10870  | JUPITER*BN, FLA.      | 9010   | 11 26 | 23 27 39.83 | 17 06 00 | 27 20  |           |          |       | 434013 |
| 10871  | JUPITER*BN, FLA.      | 9010   | 11 26 | 23 30 14.30 | 21 55 42 | 30 38  |           |          |       | 434013 |
| 10872  | JUPITER*BN, FLA.      | 9010   | 11 26 | 23 31 41.03 | 1 03 36  | 8 26   |           |          |       | 434013 |
| 10874  | MAUI*BN, HAWAII       | 9012   | 11 27 | 6 03 22.04  | 20 28 42 | 15 56  |           |          |       | 434013 |
| 10865  | WOOMERA*BN, AUSTR.    | 9003   | 11 27 | 15 12 36.34 | 5 11 12  | -11 57 |           |          |       | 434013 |
| 10875  | WOOMERA*BN, AUSTR.    | 9003   | 11 28 | 17 18 06.61 | 5 46 30  | -31 37 |           |          |       | 434023 |

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| 10876  | SAN FERNANDO BN, SP.  | 9004   | 11 28 | 18 44 36.40 | 21 05 06 | -31 35 |         |          |       | 434023 |
| 30307  | PUEBLA, MEX.          | 0900   | 11 29 | 1 16 49.7   | 23 44 18 | -28 10 |         |          |       | 845043 |
| 10877  | AREQUIPA BN, PERU     | 9007   | 11 29 | 8 41 34.27  | 9 54 36  | -51 58 |         |          |       | 434023 |
| 10882  | OLIFANTSFNTN BN, S.AF | 9002   | 11 29 | 23 29 08.00 | 5 05 06  | -39 29 |         |          |       | 434023 |
| 10878  | ORGAN PASS BN, N.M.   | 9001   | 11 30 | 0 59 26.16  | 20 20 30 | -21 40 |         |          |       | 434013 |
| 10883  | OLIFANTSFNTN BN, S.AF | 9002   | 11 30 | 1 54 26.30  | 7 54 24  | -42 42 |         |          |       | 434023 |
| 10879  | VILLA OLORES BN, ARG  | 9011   | 11 30 | 3 40 25.65  | 5 06 54  | -7 44  |         |          |       | 434013 |
| 10880  | VILLA OLORES BN, ARG  | 9011   | 11 30 | 5 54 03.34  | 3 01 12  | -16 33 |         |          |       | 434013 |
| 10881  | VILLA OLORES BN, ARG  | 9011   | 11 30 | 5 59 50.23  | 5 24 12  | -30 08 |         |          |       | 434023 |
| 10884  | WOOMERA BN, AUSTR.    | 9003   | 11 30 | 16 51 46.63 | 6 30 00  | -35 37 |         |          |       | 434023 |
| 10887  | VILLA OLORES BN, ARG  | 9011   | 12 01 | 3 26 54.56  | 5 22 24  | -10 18 |         |          |       | 434013 |
| 10888  | VILLA OLORES BN, ARG  | 9011   | 12 01 | 3 31 59.12  | 7 16 36  | -18 40 |         |          |       | 434013 |
| 11056  | MAUI BN, HAWAII       | 9012   | 12 01 | 5 10 23.72  | 22 43 00 | -20 00 |         |          |       | 434013 |
| 10889  | VILLA OLORES BN, ARG  | 9011   | 12 01 | 5 43 37.46  | 4 28 00  | -27 20 |         |          |       | 434023 |
| 10890  | VILLA OLORES BN, ARG  | 9011   | 12 01 | 5 48 20.61  | 6 44 36  | -33 19 |         |          |       | 434023 |
| 10886  | WOOMERA BN, AUSTR.    | 9003   | 12 01 | 14 14 37.26 | 4 26 12  | -12 00 |         |          |       | 434013 |
| 10885  | WOOMERA BN, AUSTR.    | 9003   | 12 01 | 16 37 15.99 | 6 26 06  | -35 58 |         |          |       | 434023 |
| 10896  | VILLA OLORES BN, ARG  | 9011   | 12 02 | 3 12 48.11  | 5 22 00  | -10 59 |         |          |       | 434013 |
| 10901  | MAUI BN, HAWAII       | 9012   | 12 02 | 4 56 14.66  | 21 37 06 | -17 35 |         |          |       | 434013 |
| 10897  | VILLA OLORES BN, ARG  | 9011   | 12 02 | 5 26 58.37  | 3 17 18  | -22 00 |         |          |       | 434023 |
| 10898  | VILLA OLORES BN, ARG  | 9011   | 12 02 | 5 37 20.13  | 8 11 54  | -31 45 |         |          |       | 434023 |
| 10891  | WOOMERA BN, AUSTR.    | 9003   | 12 02 | 14 00 19.73 | 4 17 42  | -12 18 |         |          |       | 434013 |
| 10892  | WOOMERA BN, AUSTR.    | 9003   | 12 02 | 16 21 59.82 | 5 58 00  | -35 58 |         |          |       | 434023 |
| 10899  | VILLA OLORES BN, ARG  | 9011   | 12 03 | 5 14 34.37  | 4 05 30  | -28 05 |         |          |       | 434023 |
| 10900  | VILLA OLORES BN, ARG  | 9011   | 12 03 | 5 20 28.91  | 7 09 48  | -33 15 |         |          |       | 434023 |
| 10893  | WOOMERA BN, AUSTR.    | 9003   | 12 03 | 13 44 48.00 | 3 22 48  | -7 22  |         |          |       | 434013 |
| 10894  | WOOMERA BN, AUSTR.    | 9003   | 12 04 | 13 31 40.09 | 3 53 54  | -12 00 |         |          |       | 434013 |
| 10895  | WOOMERA BN, AUSTR.    | 9003   | 12 04 | 18 17 03.03 | 8 08 12  | -26 30 |         |          |       | 434023 |
| 10902  | WOOMERA BN, AUSTR.    | 9003   | 12 05 | 10 59 08.17 | 3 25 18  | -30 07 |         |          |       | 434013 |
| 10903  | WOOMERA BN, AUSTR.    | 9003   | 12 05 | 15 38 49.41 | 5 45 24  | -37 02 |         |          |       | 434023 |
| 10904  | WOOMERA BN, AUSTR.    | 9003   | 12 05 | 18 02 04.87 | 7 55 06  | -26 15 |         |          |       | 434023 |
| 10905  | VILLA OLORES BN, ARG  | 9011   | 12 06 | 2 14 02.59  | 3 49 36  | -3 57  |         |          |       | 434013 |
| 10906  | VILLA OLORES BN, ARG  | 9011   | 12 06 | 2 18 19.65  | 6 14 36  | -16 25 |         |          |       | 434013 |
| 10907  | VILLA OLORES BN, ARG  | 9011   | 12 06 | 4 32 40.65  | 4 16 30  | -31 59 |         |          |       | 434023 |
| 10908  | WOOMERA BN, AUSTR.    | 9003   | 12 06 | 13 03 23.25 | 3 39 12  | -12 33 |         |          |       | 434013 |
| 10909  | WOOMERA BN, AUSTR.    | 9003   | 12 06 | 15 23 55.15 | 5 23 36  | -37 16 |         |          |       | 434023 |
| 10911  | OLIFANTSFNTN BN, S.AF | 9002   | 12 06 | 19 27 55.54 | 2 17 54  | -4 28  |         |          |       | 434013 |
| 10910  | VILLA OLORES BN, ARG  | 9011   | 12 07 | 4 20 25.01  | 5 33 30  | -34 34 |         |          |       | 434023 |
| 10913  | WOOMERA BN, AUSTR.    | 9003   | 12 07 | 12 49 06.70 | 3 23 06  | -12 02 |         |          |       | 434013 |
| 10912  | WOOMERA BN, AUSTR.    | 9003   | 12 07 | 15 09 17.31 | 5 06 18  | -37 32 |         |          |       | 434023 |
| 10915  | WOOMERA BN, AUSTR.    | 9003   | 12 08 | 12 34 58.96 | 3 12 18  | -11 56 |         |          |       | 434013 |
| 10916  | WOOMERA BN, AUSTR.    | 9003   | 12 08 | 14 55 01.10 | 5 02 24  | -37 58 |         |          |       | 434023 |
| 10917  | VILLA OLORES BN, ARG  | 9011   | 12 09 | 1 31 24.00  | 3 05 12  | -0 52  |         |          |       | 434013 |
| 10918  | WOOMERA BN, AUSTR.    | 9003   | 12 09 | 12 20 52.41 | 3 00 36  | -11 50 |         |          |       | 434013 |
| 10919  | WOOMERA BN, AUSTR.    | 9003   | 12 09 | 14 40 45.25 | 4 57 24  | -38 23 |         |          |       | 434023 |
| 10923  | AREQUIPA BN, PERU     | 9007   | 12 10 | 5 56 58.09  | 7 23 18  | -57 45 |         |          |       | 434023 |
| 10925  | VILLA OLORES BN, ARG  | 9011   | 12 11 | 8 06 25.12  | 7 59 42  | -1 49  |         |          |       | 434013 |
| 10924  | AREQUIPA BN, PERU     | 9007   | 12 11 | 8 07 22.83  | 8 55 54  | -21 59 |         |          |       | 434013 |
| 10926  | VILLA OLORES BN, ARG  | 9011   | 12 11 | 8 10 00.81  | 8 59 18  | -9 12  |         |          |       | 434013 |
| 10920  | WOOMERA BN, AUSTR.    | 9003   | 12 11 | 11 52 57.89 | 2 51 54  | -12 54 |         |          |       | 434013 |
| 10922  | WOOMERA BN, AUSTR.    | 9003   | 12 11 | 14 15 39.21 | 7 12 48  | -32 24 |         |          |       | 434023 |
| 10921  | WOOMERA BN, AUSTR.    | 9003   | 12 11 | 18 51 52.34 | 6 43 54  | -3 32  |         |          |       | 434013 |
| 10928  | VILLA OLORES BN, ARG  | 9011   | 12 12 | 3 08 40.39  | 4 45 24  | -36 04 |         |          |       | 434023 |
| 10929  | VILLA OLORES BN, ARG  | 9011   | 12 12 | 3 12 30.10  | 7 24 18  | -28 11 |         |          |       | 434023 |
| 10930  | VILLA OLORES BN, ARG  | 9011   | 12 12 | 5 29 06.12  | 6 29 00  | -24 51 |         |          |       | 434023 |
| 10932  | MAUI BN, HAWAII       | 9012   | 12 12 | 11 38 49.00 | 10 40 00 | -27 00 | 10 40   | 07 30    |       | 434023 |
| 10927  | WOOMERA BN, AUSTR.    | 9003   | 12 12 | 14 28 29.75 | 11 45 36 | -26 38 |         |          |       | 434013 |
| 10937  | VILLA OLORES BN, ARG  | 9011   | 12 13 | 0 35 24.80  | 2 27 30  | -1 03  |         |          |       | 434013 |
| 10938  | VILLA OLORES BN, ARG  | 9011   | 12 13 | 2 54 07.95  | 4 15 54  | -36 30 |         |          |       | 434023 |
| 10931  | AREQUIPA BN, PERU     | 9007   | 12 13 | 5 13 36.86  | 7 12 12  | -59 00 |         |          |       | 434023 |
| 10934  | OLIFANTSFNTN BN, S.AF | 9002   | 12 13 | 20 08 58.85 | 2 46 12  | -57 02 |         |          |       | 434023 |
| 10935  | OLIFANTSFNTN BN, S.AF | 9002   | 12 14 | 0 50 23.95  | 6 30 36  | -12 06 |         |          |       | 434013 |
| 10936  | SAN FERNANDO BN, SP.  | 9004   | 12 14 | 5 42 37.50  | 12 24 48 | -17 24 |         |          |       | 434013 |
| 10940  | VILLA OLORES BN, ARG  | 9011   | 12 14 | 7 28 54.29  | 9 19 36  | -18 43 |         |          |       | 434013 |
| 10943  | WOOMERA BN, AUSTR.    | 9003   | 12 14 | 18 11 39.82 | 7 21 48  | -8 07  |         |          |       | 434013 |
| 10941  | OLIFANTSFNTN BN, S.AF | 9002   | 12 14 | 22 15 50.54 | 6 15 42  | -41 40 |         |          |       | 434023 |
| 10942  | OLIFANTSFNTN BN, S.AF | 9002   | 12 15 | 0 38 46.14  | 7 47 30  | -2 52  |         |          |       | 434013 |
| 10944  | SHIRAZ BN, IRAN       | 9008   | 12 15 | 1 04 37.48  | 11 58 36 | -17 41 |         |          |       | 434013 |
| 10946  | VILLA OLORES BN, ARG  | 9011   | 12 15 | 2 22 57.15  | 0 27 54  | -26 05 |         |          |       | 434023 |
| 10947  | VILLA OLORES BN, ARG  | 9011   | 12 15 | 2 33 02.49  | 8 17 18  | -17 24 |         |          |       | 434013 |
| 10945  | AREQUIPA BN, PERU     | 9007   | 12 15 | 4 44 43.81  | 6 56 36  | -60 46 |         |          |       | 434013 |
| 10948  | VILLA OLORES BN, ARG  | 9011   | 12 15 | 4 47 23.13  | 6 54 54  | -17 50 |         |          |       | 434013 |
| 10949  | WOOMERA BN, AUSTR.    | 9003   | 12 15 | 10 56 55.31 | 1 59 30  | -12 27 |         |          |       | 434013 |
| 10950  | WOOMERA BN, AUSTR.    | 9003   | 12 15 | 13 15 13.15 | 3 52 18  | -41 05 |         |          |       | 434023 |
| 10951  | WOOMERA BN, AUSTR.    | 9003   | 12 15 | 18 00 02.91 | 8 05 18  | -16 06 |         |          |       | 434013 |
| 10952  | SAN FERNANDO BN, SP.  | 9004   | 12 16 | 5 15 21.70  | 12 37 48 | -11 09 |         |          |       | 434013 |

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| 10953  | JUPITER'BN, FLA.      | 9010   | 12 16 | 9 26 21.14  | 11 34 18 | -17 19 |           |          |       | 434013 |
| 10954  | JUPITER'BN, FLA.      | 9010   | 12 16 | 9 31 38.69  | 12 43 48 | - 6 00 |           |          |       | 434013 |
| 10955  | JUPITER'BN, FLA.      | 9010   | 12 16 | 9 38 59.68  | 14 18 48 | 6 24   |           |          |       | 434013 |
| 10958  | WOOMERA'BN, AUSTR.    | 9003   | 12 16 | 10 42 56.77 | 1 43 18  | -12 17 |           |          |       | 434013 |
| 10956  | ORGAN PASS'BN, N.M.   | 9001   | 12 16 | 11 41 04.53 | 12 09 18 | -12 22 |           |          |       | 434013 |
| 10960  | WOOMERA'BN, AUSTR.    | 9003   | 12 16 | 15 20 55.88 | 5 47 18  | -18 54 |           |          |       | 434013 |
| 10959  | WOOMERA'BN, AUSTR.    | 9003   | 12 16 | 17 41 42.36 | 6 47 30  | 9 30   |           |          |       | 434013 |
| 10963  | MAINI TAL'BN, INDIA   | 9006   | 12 16 | 22 30 25.04 | 13 03 36 | - 5 00 |           |          |       | 434013 |
| 10968  | VILLA DOLORES'BN, ARG | 9011   | 12 17 | 6 37 42.11  | 6 43 12  | 8 33   |           |          |       | 434013 |
| 10965  | CURACAO'BN, N.W.I.    | 9009   | 12 17 | 6 46 47.34  | 10 04 24 | -35 09 |           |          |       | 434023 |
| 10971  | MAUI'BN, HAWAII       | 9012   | 12 17 | 13 25 36.02 | 11 12 54 | -19 35 |           |          |       | 434013 |
| 10961  | WOOMERA'BN, AUSTR.    | 9003   | 12 17 | 15 05 19.79 | 4 37 54  | -21 14 |           |          |       | 434013 |
| 10962  | WOOMERA'BN, AUSTR.    | 9003   | 12 17 | 17 27 08.64 | 6 36 42  | 11 05  |           |          |       | 434013 |
| 10982  | TOKYO'BN, JAPAN       | 9005   | 12 17 | 20 11 18.30 | 12 19 30 | - 2 46 |           |          |       | 434013 |
| 10957  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 17 | 21 32 02.44 | 4 58 30  | -45 20 |           |          |       | 434023 |
| 10964  | MAINI TAL'BN, INDIA   | 9006   | 12 18 | 0 30 52.82  | 12 04 06 | 6 56   |           |          |       | 434013 |
| 10969  | VILLA DOLORES'BN, ARG | 9011   | 12 18 | 1 40 52.85  | 23 29 06 | -24 57 |           |          |       | 434023 |
| 10970  | VILLA DOLORES'BN, ARG | 9011   | 12 18 | 6 21 59.08  | 6 04 48  | 7 21   |           |          |       | 434013 |
| 10966  | CURACAO'BN, N.W.I.    | 9009   | 12 18 | 6 31 17.36  | 9 44 54  | -37 16 |           |          |       | 434023 |
| 10967  | JUPITER'BN, FLA.      | 9010   | 12 18 | 8 57 58.97  | 11 33 54 | -12 37 |           |          |       | 434013 |
| 10972  | MAUI'BN, HAWAII       | 9012   | 12 18 | 13 09 54.34 | 10 53 42 | -21 09 |           |          |       | 434013 |
| 10975  | VILLA DOLORES'BN, ARG | 9011   | 12 19 | 6 09 02.01  | 6 29 12  | 12 49  |           |          |       | 434013 |
| 10973  | ORGAN PASS'BN, N.M.   | 9001   | 12 19 | 10 57 19.86 | 11 52 54 | - 8 15 |           |          |       | 434013 |
| 10976  | WOOMERA'BN, AUSTR.    | 9003   | 12 19 | 14 38 06.81 | 5 19 48  | -14 30 |           |          |       | 434013 |
| 10989  | VILLA DOLORES'BN, ARG | 9011   | 12 20 | 1 15 20.07  | 2 43 36  | -39 58 |           |          |       | 434023 |
| 10986  | JUPITER'BN, FLA.      | 9010   | 12 20 | 8 23 22.88  | 10 10 18 | -22 57 |           |          |       | 434013 |
| 10987  | JUPITER'BN, FLA.      | 9010   | 12 20 | 8 29 37.92  | 11 34 24 | - 8 06 |           |          |       | 434013 |
| 10988  | JUPITER'BN, FLA.      | 9010   | 12 20 | 8 35 53.56  | 12 53 18 | 4 03   |           |          |       | 434013 |
| 10977  | ORGAN PASS'BN, N.M.   | 9001   | 12 20 | 10 37 19.87 | 10 37 48 | -18 47 |           |          |       | 434013 |
| 10978  | ORGAN PASS'BN, N.M.   | 9001   | 12 20 | 10 46 33.31 | 12 37 36 | - 0 13 |           |          |       | 434013 |
| 10981  | TOKYO'BN, JAPAN       | 9005   | 12 20 | 19 24 38.30 | 11 20 42 | - 3 52 |           |          |       | 434013 |
| 10995  | MAINI TAL'BN, INDIA   | 9006   | 12 20 | 23 45 15.44 | 11 18 36 | 7 43   |           |          |       | 434013 |
| 10991  | VILLA DOLORES'BN, ARG | 9011   | 12 21 | 3 14 00.51  | 23 39 12 | -16 54 |           |          |       | 434013 |
| 10992  | VILLA DOLORES'BN, ARG | 9011   | 12 21 | 3 20 11.31  | 5 02 30  | -14 15 |           |          |       | 434013 |
| 10980  | SAN FERNANDO'BN, SP.  | 9004   | 12 21 | 4 01 06.20  | 11 52 24 | - 6 59 |           |          |       | 434013 |
| 10984  | CURACAO'BN, N.W.I.    | 9009   | 12 21 | 8 06 34.71  | 8 19 24  | - 9 29 |           |          |       | 434013 |
| 10985  | CURACAO'BN, N.W.I.    | 9009   | 12 21 | 8 12 48.69  | 10 08 06 | 9 31   |           |          |       | 434013 |
| 10990  | ORGAN PASS'BN, N.M.   | 9001   | 12 21 | 12 47 53.02 | 11 46 24 | 14 42  |           |          |       | 434013 |
| 10997  | MAUI'BN, HAWAII       | 9012   | 12 21 | 14 47 53.20 | 10 42 36 | 12 19  |           |          |       | 434013 |
| 10993  | TOKYO'BN, JAPAN       | 9005   | 12 21 | 19 10 30.80 | 11 23 48 | - 1 39 |           |          |       | 434013 |
| 10996  | SHIRAZ'BN, IRAN       | 9008   | 12 21 | 23 20 42.05 | 10 56 30 | -12 21 |           |          |       | 434013 |
| 10994  | SAN FERNANDO'BN, SP.  | 9004   | 12 22 | 6 08 11.10  | 12 40 30 | 14 30  |           |          |       | 434013 |
| 11000  | MAUI'BN, HAWAII       | 9012   | 12 22 | 14 32 05.14 | 10 17 48 | 10 58  |           |          |       | 434013 |
| 10999  | SAN FERNANDO'BN, SP.  | 9004   | 12 23 | 5 52 42.50  | 12 20 48 | 14 26  |           |          |       | 434013 |
| 11013  | JUPITER'BN, FLA.      | 9010   | 12 23 | 9 55 36.36  | 8 32 06  | - 4 31 |           |          |       | 434013 |
| 11014  | JUPITER'BN, FLA.      | 9010   | 12 23 | 10 00 37.51 | 9 48 12  | 7 31   |           |          |       | 434013 |
| 11015  | JUPITER'BN, FLA.      | 9010   | 12 23 | 10 06 22.24 | 11 31 48 | 20 14  |           |          |       | 434013 |
| 30313  | PHOENIX, ARIZ.        | 8576   | 12 23 | 12 13 46.5  |          |        | 180       | 61 54    |       | 845304 |
| 11002  | MAUI'BN, HAWAII       | 9012   | 12 23 | 14 16 00.34 | 9 47 18  | 8 37   |           |          |       | 434013 |
| 11021  | OLIFANTSFNTN'BN, S.AF | 9002   | 12 23 | 20 07 39.48 | 4 34 30  | -44 03 |           |          |       | 434023 |
| 11009  | MAINI TAL'BN, INDIA   | 9006   | 12 23 | 23 00 37.63 | 10 54 18 | 10 25  |           |          |       | 434013 |
| 11016  | VILLA DOLORES'BN, ARG | 9011   | 12 24 | 0 20 35.22  | 4 29 00  | -35 35 |           |          |       | 434023 |
| 11011  | CURACAO'BN, N.W.I.    | 9009   | 12 24 | 9 42 40.28  | 7 38 42  | 20 20  |           |          |       | 434013 |
| 11012  | CURACAO'BN, N.W.I.    | 9009   | 12 24 | 9 52 00.70  | 10 08 18 | 45 05  |           |          |       | 434013 |
| 11018  | MAUI'BN, HAWAII       | 9012   | 12 24 | 14 02 26.94 | 10 01 54 | 13 00  |           |          |       | 434013 |
| 11003  | TOKYO'BN, JAPAN       | 9005   | 12 24 | 15 25 41.20 | 10 55 54 | - 0 02 |           |          |       | 434013 |
| 11004  | TOKYO'BN, JAPAN       | 9005   | 12 24 | 20 47 23.10 | 11 36 42 | 20 36  |           |          |       | 434013 |
| 30314  | DENVER, COLO.         | 8592   | 12 25 | 11 48 39.6  |          |        | 175 15 00 | 56 45 00 |       | 845303 |
| 11005  | TOKYO'BN, JAPAN       | 9005   | 12 25 | 18 11 16.20 | 10 55 00 | 1 25   |           |          |       | 434013 |
| 11006  | TOKYO'BN, JAPAN       | 9005   | 12 25 | 20 34 42.90 | 12 15 00 | 23 50  |           |          |       | 434013 |
| 11017  | VILLA DOLORES'BN, ARG | 9011   | 12 26 | 2 09 58.22  | 4 26 36  | - 2 04 |           |          |       | 434013 |
| 30315  | N. CANTON, OHIO       | 8559   | 12 26 | 9 18 04.5   | 10 04 32 | - 4 37 |           |          |       | 845014 |
| 11038  | TOKYO'BN, JAPAN       | 9005   | 12 26 | 20 18 52.20 | 11 48 06 | 23 20  |           |          |       | 434013 |
| 11022  | MAINI TAL'BN, INDIA   | 9006   | 12 26 | 22 18 35.78 | 11 19 36 | 17 37  |           |          |       | 434013 |
| 11029  | SHIRAZ'BN, IRAN       | 9008   | 12 27 | 0 27 32.64  | 10 31 18 | 16 39  |           |          |       | 434013 |
| 11023  | MAINI TAL'BN, INDIA   | 9006   | 12 27 | 0 38 24.64  | 11 17 18 | 34 13  |           |          |       | 434013 |
| 11024  | MAUI'BN, HAWAII       | 9012   | 12 27 | 15 42 41.16 | 10 56 12 | 45 50  |           |          |       | 434013 |
| 11044  | TOKYO'BN, JAPAN       | 9005   | 12 27 | 17 39 56.00 | 10 11 24 | - 1 16 |           |          |       | 434013 |
| 11030  | SHIRAZ'BN, IRAN       | 9008   | 12 28 | 0 13 19.91  | 10 36 36 | 18 34  |           |          |       | 434013 |
| 11026  | MAINI TAL'BN, INDIA   | 9006   | 12 28 | 0 22 10.79  | 10 40 54 | 32 41  |           |          |       | 434013 |
| 11025  | SAN FERNANDO'BN, SP.  | 9004   | 12 28 | 4 36 30.80  | 11 10 54 | 14 57  |           |          |       | 434013 |
| 11019  | CURACAO'BN, N.W.I.    | 9009   | 12 28 | 8 46 44.77  | 7 39 06  | 33 38  |           |          |       | 434013 |
| 30317  | N. CANTON, OHIO       | 8559   | 12 28 | 8 48 04.0   | 9 42 50  | - 4 51 |           |          |       | 845014 |
| 11020  | CURACAO'BN, N.W.I.    | 9009   | 12 28 | 8 53 10.88  | 9 53 30  | 50 04  |           |          |       | 434013 |
| 30316  | SACRAMENTO, CAL.      | 8517   | 12 28 | 13 20 31.9  |          |        | 180 00    | 70 20    |       | 641304 |
| 11045  | TOKYO'BN, JAPAN       | 9005   | 12 28 | 17 25 56.30 | 10 17 06 | 0 51   |           |          |       | 434013 |
| 11027  | SHIRAZ'BN, IRAN       | 9008   | 12 28 | 23 58 30.64 | 10 29 36 | 19 17  |           |          |       | 434013 |
| 11028  | SHIRAZ'BN, IRAN       | 9008   | 12 29 | 2 22 35.82  | 12 07 48 | 38 25  |           |          |       | 434013 |
| 11031  | JUPITER'BN, FLA.      | 9010   | 12 29 | 8 33 11.58  | 9 24 00  | 16 03  |           |          |       | 434013 |
| 11038  | CURACAO'BN, N.W.I.    | 9009   | 12 29 | 8 37 15.14  | 9 18 00  | 48 58  |           |          |       | 434013 |
| 11032  | JUPITER'BN, FLA.      | 9010   | 12 29 | 8 41 48.43  | 12 24 54 | 29 42  |           |          |       | 434013 |
| 11033  | JUPITER'BN, FLA.      | 9010   | 12 29 | 8 45 29.92  | 13 30 48 | 30 16  |           |          |       | 434013 |

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| 11034  | JUPITER*BN, FLA.     | 9010   | 12 29 | 10 57 55.87 | 11 06 00 | 40 31 |         |          |       | 434013 |
| 11035  | JUPITER*BN, FLA.     | 9010   | 12 29 | 10 59 20.20 | 11 41 12 | 42 00 |         |          |       | 434013 |
| 11036  | JUPITER*BN, FLA.     | 9010   | 12 29 | 11 00 16.92 | 12 06 06 | 42 39 |         |          |       | 434013 |
| 11037  | WOOMERA*BN, AUSTR.   | 9003   | 12 29 | 12 16 42.42 | 2 48 36  | 6 44  |         |          |       | 434013 |
| 11046  | TOKYO*BN, JAPAN      | 9005   | 12 29 | 19 34 25.40 | 11 32 48 | 24 50 |         |          |       | 434013 |
| 11043  | VILLA OLORES*BN, ARG | 9011   | 12 30 | 1 12 57.44  | 2 03 24  | 2 40  |         |          |       | 434013 |
| 11041  | CURACAO*BN, N.W.I.   | 9009   | 12 30 | 8 20 44.40  | 8 27 24  | 46 03 |         |          |       | 434013 |
| 11042  | CURACAO*BN, N.W.I.   | 9009   | 12 30 | 8 34 34.29  | 14 22 30 | 51 15 |         |          |       | 434013 |
| 30318  | VAN NUYS, CAL.       | 0113   | 12 30 | 12 51 59.8  |          |       | 176 36  | 83 36    |       | 845303 |
| 11048  | TOKYO*BN, JAPAN      | 9005   | 12 30 | 19 20 06.30 | 11 39 30 | 25 38 |         |          |       | 434013 |
| 11039  | SHIRAZ*BN, IRAN      | 9008   | 12 30 | 23 28 49.98 | 10 13 54 | 20 26 |         |          |       | 434013 |
| 30319  | N. CANTON, OHIO      | 8559   | 12 31 | 10 29 38.7  | 11 41 52 | 18 59 |         |          |       | 845014 |

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| 50010  | SPOKANE, WASH.     | 8142   | 8 12 | 4 44 16.0   |         |       | 180 00  | 47 27 00 |       | 845302 |
| 50011  | SPOKANE, WASH.     | 8142   | 8 12 | 7 09 07.4   |         |       | 180 00  | 50 14 24 |       | 845302 |
| 10742  | WOOMERA*BN, AUSTR. | 9003   | 8 16 | 20 04 17.11 | 3 50 12 | 2 42  |         |          |       | 434013 |

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| 10266  | TOKYO*BN, JAPAN    | 9005   | 8 08 | 12 07 05.10 | 18 37 36 | 21 02 |         |          |       | 434013 |
| 30150  | WALNUT CREEK, CAL. | 8556   | 8 13 | 4 28 31.4   | 17 45 30 | 17 09 | 180     | 75 45 36 |       | 845004 |
| 30125  | SAN JOSE, CAL.     | 8573   | 8 13 | 6 53 09.0   |          |       |         |          |       | 845302 |
| 10319  | MAUI*BN, HAWAII    | 9012   | 8 17 | 8 08 29.34  | 20 31 00 | 48 08 |         |          |       | 434013 |
| 10319  | MAUI*BN, HAWAII    | 9012   | 8 17 | 8 08 29.34  | 20 31 00 | 48 00 |         |          |       | 434013 |
| 30209  | WALNUT CREEK, CAL. | 8556   | 8 22 | 4 47 56.0   | 18 41 00 | 16 30 |         |          |       | 845004 |
| 10352  | CURACAO*BN, N.W.I. | 9009   | 8 24 | 2 22 51.52  | 20 57 00 | 38 57 |         |          |       | 434013 |
| 10375  | SHIRAZ*BN, IRAN    | 9008   | 8 27 | 16 41 36.73 | 18 16 54 | 22 09 |         |          |       | 434013 |

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| 10497  | OLIFANTSFTN*BN, S.AF | 9002   | 9 01 | 1 46 02.40  | 1 46 30  | -20 00 |           |          |       | 434013 |
| 30127  | CHINA LAKE, CAL.     | 0098   | 9 01 | 3 00 28.3   |          |        | 180 00 00 | 73 44 24 |       | 841303 |
| 30128  | SACRAMENTO, CAL.     | 8517   | 9 01 | 5 18 47.3   |          |        | 180 00    | 45 58    |       | 841304 |
| 10505  | MAUI*BN, HAWAII      | 9012   | 9 01 | 7 28 52.14  | 20 32 12 | 48 23  |           |          |       | 434013 |
| 10501  | AREQUIPA*BN, PERU    | 9007   | 9 01 | 8 15 41.27  | 1 59 42  | -36 31 |           |          |       | 434023 |
| 10508  | VILLA OLORES*BN, ARG | 9011   | 9 01 | 8 20 30.67  | 2 46 18  | 20 19  |           |          |       | 434013 |
| 10506  | SHIRAZ*BN, IRAN      | 9008   | 9 01 | 16 01 35.89 | 17 51 54 | 48 04  |           |          |       | 434013 |
| 10499  | WOOMERA*BN, AUSTR.   | 9003   | 9 01 | 16 50 01.48 | 2 19 18  | -2 05  |           |          |       | 434013 |
| 10507  | SHIRAZ*BN, IRAN      | 9008   | 9 01 | 18 19 02.71 | 18 14 36 | 13 39  |           |          |       | 434013 |
| 10500  | WOOMERA*BN, AUSTR.   | 9003   | 9 01 | 19 10 36.94 | 2 25 30  | -23 02 |           |          |       | 434023 |
| 10504  | JUPITER*BN, FLA.     | 9010   | 9 02 | 0 41 48.10  | 19 35 00 | 55 51  |           |          |       | 434013 |
| 10498  | OLIFANTSFTN*BN, S.AF | 9002   | 9 02 | 1 35 31.90  | 1 57 54  | -23 29 |           |          |       | 434023 |
| 30129  | ALBUQUERQUE, N.M.    | 8579   | 9 02 | 2 52 43.8   |          |        | 180 00    | 70 18    |       | 845303 |
| 10522  | AREQUIPA*BN, PERU    | 9007   | 9 02 | 8 02 31.20  | 1 13 18  | -34 04 |           |          |       | 434023 |
| 10525  | VILLA OLORES*BN, ARG | 9011   | 9 02 | 8 07 46.34  | 2 15 00  | -18 55 |           |          |       | 434013 |
| 10526  | VILLA OLORES*BN, ARG | 9011   | 9 02 | 8 13 37.77  | 4 20 30  | -26 30 |           |          |       | 434023 |
| 10520  | SHIRAZ*BN, IRAN      | 9008   | 9 02 | 15 53 02.34 | 20 46 30 | 32 28  |           |          |       | 434013 |
| 10509  | WOOMERA*BN, AUSTR.   | 9003   | 9 02 | 16 38 58.83 | 2 18 30  | -4 21  |           |          |       | 434013 |
| 10521  | SHIRAZ*BN, IRAN      | 9008   | 9 02 | 18 08 44.40 | 18 28 00 | 9 20   |           |          |       | 434013 |
| 10514  | SAN FERNANDO*BN, SP. | 9004   | 9 02 | 20 12 44.40 | 18 27 00 | 6 39   |           |          |       | 434013 |
| 10524  | JUPITER*BN, FLA.     | 9010   | 9 03 | 2 48 35.58  | 18 43 48 | 16 35  |           |          |       | 434013 |
| 30131  | VAN NUYS, CAL.       | 0113   | 9 03 | 4 58 16.1   | 19 51 14 | -4 16  |           |          |       | 845043 |
| 10510  | WOOMERA*BN, AUSTR.   | 9003   | 9 03 | 16 28 57.17 | 2 43 12  | -8 06  |           |          |       | 434013 |
| 10523  | SHIRAZ*BN, IRAN      | 9008   | 9 03 | 17 57 57.79 | 18 19 12 | 6 14   |           |          |       | 434013 |
| 10511  | WOOMERA*BN, AUSTR.   | 9003   | 9 03 | 18 48 37.65 | 2 31 24  | -26 59 |           |          |       | 834023 |
| 10515  | SAN FERNANDO*BN, SP. | 9004   | 9 03 | 20 01 34.50 | 17 45 54 | 5 03   |           |          |       | 434013 |
| 30130  | CINCINNATI, OHIO     | 0050   | 9 04 | 2 35 54     | 18 28 00 | -13 00 |           |          |       | 845004 |
| 30132  | VAN NUYS, CAL.       | 0113   | 9 04 | 4 47 33.4   | 19 46 45 | -7 43  |           |          |       | 845043 |
| 10528  | MAUI*BN, HAWAII      | 9012   | 9 04 | 6 56 50.12  | 20 34 48 | 42 09  |           |          |       | 434013 |

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| 10527  | VILLA DOLORES'BN,ARG | 9011   | 9 04 | 7 46 01.30  | 2 07 12  | -21 49 |         |          |       | 434013 |
| 10519  | NAINI TAL'BN, INOIA  | 9006   | 9 04 | 15 36 25.25 | 18 33 24 | 8 21   |         |          |       | 434013 |
| 10512  | WOOMERA'BN, AUSTR.   | 9003   | 9 04 | 18 37 47.57 | 2 39 12  | -28 57 |         |          |       | 434023 |
| 10516  | SAN FERNANDO'BN, SP. | 9004   | 9 04 | 19 51 04.40 | 17 51 54 | 1 36   |         |          |       | 434013 |
| 10517  | SAN FERNANDO'BN, SP. | 9004   | 9 04 | 22 07 50.10 | 18 08 24 | -14 22 |         |          |       | 434013 |
| 30133  | VAN NUYS, CAL.       | 0113   | 9 05 | 4 36 48.5   | 19 40 03 | -11 04 |         |          |       | 845043 |
| 30134  | VAN NUYS, CAL.       | 0113   | 9 05 | 4 36 50.6   | 19 41 27 | -11 15 |         |          |       | 845043 |
| 10529  | NAINI TAL'BN, INOIA  | 9006   | 9 05 | 15 26 42.39 | 19 21 42 | - 0 14 |         |          |       | 434013 |
| 10530  | SHIRAZ'BN, IRAN      | 9008   | 9 05 | 17 36 45.32 | 18 16 06 | - 1 44 |         |          |       | 434013 |
| 10513  | WOOMERA'BN, AUSTR.   | 9003   | 9 05 | 18 26 02.64 | 2 27 42  | -29 39 |         |          |       | 434023 |
| 10518  | SAN FERNANDO'BN, SP. | 9004   | 9 05 | 21 57 01.20 | 17 57 12 | -16 59 |         |          |       | 434013 |
| 10531  | MAUI'BN, HAWAII      | 9012   | 9 06 | 6 34 36.50  | 19 28 18 | 45 06  |         |          |       | 434013 |
| 11066  | NAINI TAL'BN, INOIA  | 9006   | 9 06 | 15 14 32.48 | 17 50 24 | 3 05   |         |          |       | 434013 |
| 10533  | SHIRAZ'BN, IRAN      | 9008   | 9 06 | 17 25 57.77 | 18 04 18 | - 5 06 |         |          |       | 434013 |
| 10532  | SAN FERNANDO'BN, SP. | 9004   | 9 06 | 21 46 49.60 | 18 08 24 | -21 25 |         |          |       | 434013 |
| 10539  | MAUI'BN, HAWAII      | 9012   | 9 07 | 6 22 34.86  | 17 03 54 | 50 59  |         |          |       | 434013 |
| 10534  | VILLA DOLORES'BN,ARG | 9011   | 9 07 | 9 04 39.91  | 5 21 30  | -32 40 |         |          |       | 434023 |
| 10537  | NAINI TAL'BN, INOIA  | 9006   | 9 07 | 15 05 13.22 | 19 04 06 | - 8 10 |         |          |       | 434013 |
| 10538  | SHIRAZ'BN, IRAN      | 9008   | 9 07 | 17 15 09.52 | 17 51 18 | - 8 26 |         |          |       | 434013 |
| 10535  | WOOMERA'BN, AUSTR.   | 9003   | 9 07 | 18 02 27.39 | 2 04 24  | -30 40 |         |          |       | 434023 |
| 10536  | SAN FERNANDO'BN, SP. | 9004   | 9 07 | 21 35 55.90 | 17 54 24 | -23 26 |         |          |       | 434023 |
| 11067  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 08 | 0 27 11.25  | 1 46 24  | -33 51 |         |          |       | 434023 |
| 10540  | VILLA DOLORES'BN,ARG | 9011   | 9 08 | 6 57 13.88  | 1 06 30  | -23 28 |         |          |       | 434023 |
| 10541  | VILLA DOLORES'BN,ARG | 9011   | 9 08 | 7 05 47.32  | 4 05 54  | -30 49 |         |          |       | 434023 |
| 10542  | VILLA DOLORES'BN,ARG | 9011   | 9 08 | 9 21 18.01  | 2 37 48  | -35 01 |         |          |       | 434023 |
| 10545  | SHIRAZ'BN, IRAN      | 9008   | 9 08 | 17 03 32.59 | 16 52 36 | - 7 11 |         |          |       | 434013 |
| 10547  | SAN FERNANDO'BN, SP. | 9004   | 9 08 | 21 25 57.10 | 18 13 30 | -28 28 |         |          |       | 434023 |
| 10546  | CURACAO'BN, N.W.I.   | 9009   | 9 08 | 23 30 55.51 | 22 02 00 | 68 25  |         |          |       | 434013 |
| 10543  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 09 | 0 16 34.04  | 1 44 18  | -35 09 |         |          |       | 434023 |
| 10544  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 09 | 2 41 32.49  | 3 41 12  | -47 40 |         |          |       | 434023 |
| 10556  | MAUI'BN, HAWAII      | 9012   | 9 09 | 6 01 28.86  | 17 11 12 | 46 14  |         |          |       | 434013 |
| 10553  | SHIRAZ'BN, IRAN      | 9008   | 9 09 | 16 53 30.93 | 17 18 18 | -14 20 |         |          |       | 434013 |
| 10548  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 10 | 2 30 01.90  | 3 37 18  | -48 08 |         |          |       | 434023 |
| 10555  | MAUI'BN, HAWAII      | 9012   | 9 10 | 5 51 36.02  | 18 31 18 | 37 10  |         |          |       | 434013 |
| 10551  | AREQUIPA'BN, PERU    | 9007   | 9 10 | 6 38 34.32  | 3 35 24  | -50 29 |         |          |       | 434023 |
| 10552  | AREQUIPA'BN, PERU    | 9007   | 9 10 | 8 55 54.64  | 2 00 06  | -57 19 |         |          |       | 434023 |
| 10554  | SHIRAZ'BN, IRAN      | 9008   | 9 10 | 16 43 45.89 | 18 00 48 | -23 01 |         |          |       | 434023 |
| 10549  | WOOMERA'BN, AUSTR.   | 9003   | 9 10 | 17 28 09.31 | 1 55 12  | -33 25 |         |          |       | 434023 |
| 10550  | WOOMERA'BN, AUSTR.   | 9003   | 9 10 | 19 54 00.99 | 4 22 30  | -34 40 |         |          |       | 434023 |
| 10557  | VILLA DOLORES'BN,ARG | 9011   | 9 11 | 6 26 12.03  | 2 05 12  | -30 57 |         |          |       | 434023 |
| 10558  | VILLA DOLORES'BN,ARG | 9011   | 9 11 | 8 52 15.65  | 4 37 00  | -33 15 |         |          |       | 434023 |
| 10560  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 12 | 1 07 51.30  | 3 53 24  | -45 05 |         |          |       | 434023 |
| 11068  | CURACAO'BN, N.W.I.   | 9009   | 9 12 | 1 15 52.54  | 17 47 48 | 12 45  |         |          |       | 434013 |
| 10564  | VILLA DOLORES'BN,ARG | 9011   | 9 12 | 6 13 46.41  | 1 40 00  | -31 00 |         |          |       | 434023 |
| 10565  | VILLA DOLORES'BN,ARG | 9011   | 9 12 | 8 25 48.80  | 23 29 48 | -25 05 |         |          |       | 434023 |
| 10561  | AREQUIPA'BN, PERU    | 9007   | 9 12 | 8 36 35.54  | 3 44 54  | -57 59 |         |          |       | 434023 |
| 10566  | VILLA DOLORES'BN,ARG | 9011   | 9 12 | 8 44 29.82  | 5 50 18  | -26 24 |         |          |       | 434023 |
| 10563  | JUPITER'BN, FLA.     | 9010   | 9 13 | 1 01 51.35  | 17 36 42 | -25 05 |         |          |       | 434023 |
| 10562  | CURACAO'BN, N.W.I.   | 9009   | 9 13 | 1 05 42.68  | 18 09 30 | 3 54   |         |          |       | 434013 |
| 10559  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 13 | 1 53 29.90  | 2 35 54  | -45 41 |         |          |       | 434023 |
| 10568  | JUPITER'BN, FLA.     | 9010   | 9 14 | 0 52 03.16  | 18 22 42 | -33 44 |         |          |       | 434023 |
| 10567  | CURACAO'BN, N.W.I.   | 9009   | 9 14 | 0 55 36.92  | 18 37 00 | - 8 12 |         |          |       | 434013 |
| 10569  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 14 | 1 43 30.30  | 3 11 42  | -45 36 |         |          |       | 434023 |
| 10572  | AREQUIPA'BN, PERU    | 9007   | 9 14 | 5 09 15.45  | 1 34 54  | -57 40 |         |          |       | 434023 |
| 10571  | NAINI TAL'BN, INOIA  | 9006   | 9 14 | 13 48 55.78 | 16 22 18 | -26 40 |         |          |       | 434023 |
| 10570  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 15 | 1 31 52.60  | 3 09 18  | -44 46 |         |          |       | 434023 |
| 10576  | VILLA DOLORES'BN,ARG | 9011   | 9 15 | 5 42 14.80  | 2 39 48  | -33 32 |         |          |       | 434023 |
| 10577  | VILLA DOLORES'BN,ARG | 9011   | 9 15 | 5 48 12.45  | 4 32 24  | -28 57 |         |          |       | 434023 |
| 10578  | VILLA DOLORES'BN,ARG | 9011   | 9 15 | 8 01 16.87  | 2 29 00  | -34 40 |         |          |       | 434023 |
| 10579  | VILLA DOLORES'BN,ARG | 9011   | 9 15 | 8 05 32.06  | 4 05 24  | -31 09 |         |          |       | 434023 |
| 10574  | WOOMERA'BN, AUSTR.   | 9003   | 9 15 | 16 31 10.44 | 1 52 06  | -36 38 |         |          |       | 434023 |
| 10575  | JUPITER'BN, FLA.     | 9010   | 9 16 | 0 28 50.80  | 16 03 24 | -28 50 |         |          |       | 434023 |
| 10584  | CURACAO'BN, N.W.I.   | 9009   | 9 16 | 0 54 00.12  | 18 11 42 | -19 16 |         |          |       | 434013 |
| 10573  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 16 | 1 19 50.30  | 2 54 06  | -44 41 |         |          |       | 434023 |
| 10585  | CURACAO'BN, N.W.I.   | 9009   | 9 17 | 0 23 19.78  | 17 54 36 | -23 59 |         |          |       | 434023 |
| 10580  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 17 | 1 08 37.80  | 3 01 00  | -44 00 |         |          |       | 434023 |
| 10587  | VILLA DOLORES'BN,ARG | 9011   | 9 17 | 7 33 34.12  | 0 38 30  | -34 48 |         |          |       | 434023 |
| 10588  | VILLA DOLORES'BN,ARG | 9011   | 9 17 | 7 40 08.67  | 3 08 36  | -32 15 |         |          |       | 434023 |
| 10581  | WOOMERA'BN, AUSTR.   | 9003   | 9 17 | 16 10 20.87 | 2 41 48  | -36 14 |         |          |       | 434023 |
| 10582  | WOOMERA'BN, AUSTR.   | 9003   | 9 17 | 18 29 23.38 | 2 27 54  | -33 01 |         |          |       | 434023 |
| 10586  | CURACAO'BN, N.W.I.   | 9009   | 9 18 | 0 11 09.54  | 16 05 36 | -12 55 |         |          |       | 434013 |
| 10589  | VILLA DOLORES'BN,ARG | 9011   | 9 18 | 7 29 22.37  | 3 32 54  | -29 32 |         |          |       | 434023 |
| 10583  | WOOMERA'BN, AUSTR.   | 9003   | 9 18 | 18 20 08.89 | 3 16 48  | -29 47 |         |          |       | 434023 |
| 10590  | AREQUIPA'BN, PERU    | 9007   | 9 19 | 7 09 10.10  | 0 07 42  | -57 27 |         |          |       | 434023 |
| 10595  | VILLA DOLORES'BN,ARG | 9011   | 9 19 | 7 10 04.80  | 0 24 00  | -32 51 |         |          |       | 434023 |
| 10596  | VILLA DOLORES'BN,ARG | 9011   | 9 19 | 7 29 08.02  | 6 18 24  | - 8 45 |         |          |       | 434013 |
| 10593  | WOOMERA'BN, AUSTR.   | 9003   | 9 19 | 18 07 08.80 | 2 42 06  | -30 32 |         |          |       | 434023 |
| 10594  | CURACAO'BN, N.W.I.   | 9009   | 9 19 | 23 50 56.79 | 17 00 36 | -37 05 |         |          |       | 434023 |
| 10591  | OLIFANTSFNTN'BN,S.AF | 9002   | 9 20 | 0 34 18.30  | 3 03 06  | -41 40 |         |          |       | 434023 |

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| 10592  | OLIFANTSFTN'BN,S.AF  | 9002   | 9 20  | 3 01 43.80  | 5 09 06  | -9 50  |         |          |       | 434013 |
| 10598  | VILLA DOLORES'BN,ARG | 9011   | 9 20  | 6 58 15.18  | 0 07 00  | -32 35 |         |          |       | 434023 |
| 10599  | VILLA DOLORES'BN,ARG | 9011   | 9 20  | 7 10 55.52  | 4 42 48  | -19 57 |         |          |       | 434013 |
| 10601  | CURACAO'BN, N.W.I.   | 9009   | 9 21  | 9 28 34.87  | 7 23 54  | -37 26 |         |          |       | 434023 |
| 10600  | WOOMERA'BN, AUSTR.   | 9003   | 9 21  | 17 45 49.84 | 3 15 12  | -25 32 |         |          |       | 434023 |
| 10602  | CURACAO'BN, N.W.I.   | 9009   | 9 21  | 23 29 04.68 | 16 05 12 | -40 55 |         |          |       | 434023 |
| 10603  | WOOMERA'BN, AUSTR.   | 9003   | 9 22  | 10 27 12.16 | 21 37 30 | 32 10  |         |          |       | 434013 |
| 10604  | WOOMERA'BN, AUSTR.   | 9003   | 9 22  | 17 31 25.17 | 2 09 00  | -28 37 |         |          |       | 434023 |
| 10605  | CURACAO'BN, N.W.I.   | 9009   | 9 22  | 23 18 18.51 | 15 49 18 | -44 14 |         |          |       | 434023 |
| 10607  | AREQUIPA'BN, PERU    | 9007   | 9 23  | 6 27 54.70  | 2 43 24  | -55 20 |         |          |       | 434023 |
| 10608  | AREQUIPA'BN, PERU    | 9007   | 9 23  | 8 54 55.60  | 4 33 54  | -23 29 |         |          |       | 434023 |
| 30142  | TOWNSVILLE, AUSTR.   | 8578   | 9 23  | 10 17 17.2  |          |        | 27 12   | 74 06    |       | 845302 |
| 10609  | AREQUIPA'BN, PERU    | 9007   | 9 24  | 1 27 28.64  | 18 04 12 | -23 28 |         |          |       | 434023 |
| 10610  | AREQUIPA'BN, PERU    | 9007   | 9 24  | 6 16 20.86  | 2 41 00  | -54 57 |         |          |       | 434023 |
| 10611  | AREQUIPA'BN, PERU    | 9007   | 9 24  | 8 42 49.27  | 4 19 18  | -22 35 |         |          |       | 434013 |
| 10606  | OLIFANTSFTN'BN,S.AF  | 9002   | 9 24  | 18 47 45.10 | 18 54 24 | 3 05   |         |          |       | 434013 |
| 10612  | AREQUIPA'BN, PERU    | 9007   | 9 25  | 1 18 01.13  | 19 17 48 | -42 31 |         |          |       | 434023 |
| 10613  | AREQUIPA'BN, PERU    | 9007   | 9 25  | 8 28 20.99  | 3 21 00  | -27 28 |         |          |       | 434023 |
| 10614  | OLIFANTSFTN'BN,S.AF  | 9002   | 9 25  | 18 37 53.20 | 19 42 12 | -8 16  |         |          |       | 434013 |
| 10615  | OLIFANTSFTN'BN,S.AF  | 9002   | 9 26  | 1 47 04.40  | 3 02 00  | -10 00 |         |          |       | 434013 |
| 10620  | AREQUIPA'BN, PERU    | 9007   | 9 26  | 5 56 46.91  | 4 01 24  | -43 43 |         |          |       | 434023 |
| 10621  | CURACAO'BN, N.W.I.   | 9009   | 9 26  | 8 28 30.59  | 6 11 30  | -33 55 |         |          |       | 434023 |
| 10617  | WOOMERA'BN, AUSTR.   | 9003   | 9 26  | 11 57 49.91 | 18 23 54 | 3 56   |         |          |       | 434013 |
| 10618  | WOOMERA'BN, AUSTR.   | 9003   | 9 26  | 16 46 20.18 | 2 20 24  | -21 03 |         |          |       | 434013 |
| 10616  | OLIFANTSFTN'BN,S.AF  | 9002   | 9 26  | 18 27 31.40 | 20 13 06 | -16 38 |         |          |       | 434013 |
| 10619  | WOOMERA'BN, AUSTR.   | 9003   | 9 26  | 19 10 21.01 | 3 22 48  | 7 52   |         |          |       | 434013 |
| 10623  | VILLA DOLORES'BN,ARG | 9011   | 9 27  | 0 58 02.41  | 19 54 30 | 1 38   |         |          |       | 434013 |
| 10624  | VILLA DOLORES'BN,ARG | 9011   | 9 27  | 8 00 39.08  | 1 28 06  | -6 59  |         |          |       | 434013 |
| 10625  | VILLA DOLORES'BN,ARG | 9011   | 9 27  | 8 12 41.43  | 4 31 48  | 16 22  |         |          |       | 434013 |
| 10622  | CURACAO'BN, N.W.I.   | 9009   | 9 27  | 8 17 22.97  | 6 10 36  | -30 57 |         |          |       | 434023 |
| 10627  | WOOMERA'BN, AUSTR.   | 9003   | 9 27  | 16 36 28.24 | 2 51 00  | -15 43 |         |          |       | 434013 |
| 30143  | PRETORIA, S.AFR.     | 8575   | 9 27  | 18 16 56.4  |          |        | 22 24   | 88 00    |       | 845303 |
| 10626  | OLIFANTSFTN'BN,S.AF  | 9002   | 9 27  | 18 17 10.40 | 20 55 18 | -24 59 |         |          |       | 434023 |
| 10628  | WOOMERA'BN, AUSTR.   | 9003   | 9 27  | 18 57 07.79 | 2 53 42  | 6 27   |         |          |       | 434013 |
| 10630  | VILLA DOLORES'BN,ARG | 9011   | 9 28  | 0 48 30.64  | 21 16 24 | -9 52  |         |          |       | 434013 |
| 10631  | VILLA DOLORES'BN,ARG | 9011   | 9 28  | 7 48 59.64  | 1 21 00  | -5 21  |         |          |       | 434013 |
| 10629  | WOOMERA'BN, AUSTR.   | 9003   | 9 28  | 11 38 31.56 | 20 18 36 | -16 53 |         |          |       | 434013 |
| 10635  | MAUI'BN, HAWAII      | 9012   | 9 28  | 14 45 29.04 | 7 16 12  | -18 12 |         |          |       | 434013 |
| 10632  | WOOMERA'BN, AUSTR.   | 9003   | 9 28  | 18 44 26.77 | 2 31 48  | -6 13  |         |          |       | 434013 |
| 10633  | MAINI TAL'BN, INOIA  | 9006   | 9 28  | 23 33 01.32 | 8 28 30  | -8 23  |         |          |       | 434013 |
| 10640  | VILLA DOLORES'BN,ARG | 9011   | 9 29  | 0 37 27.39  | 21 10 54 | -11 10 |         |          |       | 434013 |
| 10641  | VILLA DOLORES'BN,ARG | 9011   | 9 29  | 7 39 26.46  | 1 49 30  | 0 20   |         |          |       | 434013 |
| 10642  | VILLA DOLORES'BN,ARG | 9011   | 9 29  | 7 45 04.56  | 3 18 30  | 11 47  |         |          |       | 434013 |
| 10634  | CURACAO'BN, N.W.I.   | 9009   | 9 29  | 7 54 05.94  | 5 56 36  | -27 30 |         |          |       | 434023 |
| 10639  | WOOMERA'BN, AUSTR.   | 9003   | 9 29  | 11 28 13.07 | 21 04 54 | -23 25 |         |          |       | 434023 |
| 10643  | MAUI'BN, HAWAII      | 9012   | 9 29  | 14 31 29.57 | 6 37 12  | -19 49 |         |          |       | 434013 |
| 10636  | OLIFANTSFTN'BN,S.AF  | 9002   | 9 29  | 17 54 02.40 | 18 59 06 | -22 10 |         |          |       | 434013 |
| 30144  | PRETORIA, S.AFR.     | 0405   | 9 29  | 17 55 25.7  | 21 15    | -34 18 |         |          |       | 845042 |
| 10638  | WOOMERA'BN, AUSTR.   | 9003   | 9 29  | 18 33 28.82 | 2 35 30  | 9 30   |         |          |       | 434013 |
| 10645  | VILLA DOLORES'BN,ARG | 9011   | 9 30  | 0 26 10.88  | 20 48 12 | -11 00 |         |          |       | 434013 |
| 10637  | OLIFANTSFTN'BN,S.AF  | 9002   | 9 30  | 1 00 02.90  | 2 35 00  | -2 54  |         |          |       | 434013 |
| 10662  | VILLA DOLORES'BN,ARG | 9011   | 9 30  | 7 26 55.99  | 1 25 12  | 0 02   |         |          |       | 434013 |
| 10644  | JUPITER'BN, FLA.     | 9010   | 9 30  | 10 07 18.88 | 7 15 24  | -10 36 |         |          |       | 434013 |
| 10647  | WOOMERA'BN, AUSTR.   | 9003   | 9 30  | 11 17 12.28 | 21 03 24 | -25 30 |         |          |       | 434023 |
| 10656  | MAUI'BN, HAWAII      | 9012   | 9 30  | 14 20 35.47 | 6 40 00  | -16 02 |         |          |       | 434013 |
| 10648  | WOOMERA'BN, AUSTR.   | 9003   | 9 30  | 18 19 34.58 | 1 53 48  | 6 49   |         |          |       | 434013 |
| 10655  | VILLA DOLORES'BN,ARG | 9011   | 10 01 | 0 15 41.55  | 22 52 18 | -20 03 |         |          |       | 434013 |
| 10646  | OLIFANTSFTN'BN,S.AF  | 9002   | 10 01 | 0 47 29.40  | 2 11 18  | -2 58  |         |          |       | 434013 |
| 10650  | SHIRAZ'BN, IRAN      | 9008   | 10 01 | 1 17 21.58  | 7 15 54  | -10 11 |         |          |       | 434013 |
| 10653  | JUPITER'BN, FLA.     | 9010   | 10 01 | 9 54 08.61  | 6 44 36  | -13 53 |         |          |       | 434013 |
| 10659  | OLIFANTSFTN'BN,S.AF  | 9002   | 10 01 | 17 31 55.30 | 18 15 24 | -25 32 |         |          |       | 434023 |
| 10651  | SHIRAZ'BN, IRAN      | 9008   | 10 02 | 1 04 51.24  | 6 58 48  | -9 40  |         |          |       | 434013 |
| 10652  | CURACAO'BN, N.W.I.   | 9009   | 10 02 | 7 17 01.86  | 5 08 54  | -27 20 |         |          |       | 434023 |
| 10654  | JUPITER'BN, FLA.     | 9010   | 10 02 | 9 41 50.14  | 6 28 06  | -11 38 |         |          |       | 434013 |
| 10649  | WOOMERA'BN, AUSTR.   | 9003   | 10 02 | 10 55 00.36 | 20 44 12 | -28 57 |         |          |       | 434023 |
| 10660  | OLIFANTSFTN'BN,S.AF  | 9002   | 10 02 | 17 21 12.30 | 18 26 48 | -33 05 |         |          |       | 434023 |
| 10657  | SHIRAZ'BN, IRAN      | 9008   | 10 03 | 0 52 34.19  | 6 40 36  | -9 23  |         |          |       | 434013 |
| 10658  | WOOMERA'BN, AUSTR.   | 9003   | 10 03 | 10 43 43.91 | 20 21 00 | -30 02 |         |          |       | 434023 |
| 10661  | OLIFANTSFTN'BN,S.AF  | 9002   | 10 04 | 16 58 58.66 | 17 19 36 | -36 03 |         |          |       | 434023 |
| 10663  | ORGAN PASS'BN, N.W.  | 9001   | 10 05 | 11 20 25.50 | 6 31 42  | -4 02  |         |          |       | 434013 |
| 10664  | SAN FERNANDO'BN, SP. | 9004   | 10 06 | 4 42 20.40  | 7 00 18  | -1 36  |         |          |       | 434013 |
| 10665  | WOOMERA'BN, AUSTR.   | 9003   | 10 06 | 10 10 43.11 | 20 02 48 | -37 01 |         |          |       | 434023 |
| 10666  | SAN FERNANDO'BN, SP. | 9004   | 10 07 | 4 28 55.40  | 6 29 48  | -2 53  |         |          |       | 434013 |
| 10668  | WOOMERA'BN, AUSTR.   | 9003   | 10 07 | 9 59 41.39  | 19 56 48 | -39 30 |         |          |       | 434023 |
| 10669  | SAN FERNANDO'BN, SP. | 9004   | 10 08 | 4 18 01.80  | 6 37 42  | 0 16   |         |          |       | 434013 |
| 30145  | WOOMERA, AUSTR.      | 0603   | 10 08 | 9 48 43.5   |          |        | 180 30  | 78 48    |       | 845302 |
| 10670  | VILLA DOLORES'BN,ARG | 9011   | 10 09 | 1 02 58.13  | 18 52 06 | -34 40 |         |          |       | 434023 |

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|--------|----------------------|--------|-------|-------------|----------|--------|-----------|----------|-------|--------|
| 10667  | OLIFANTS'BN.S.AF     | 9002   | 10 09 | 18 22 06.00 | 19 38 24 | -69 50 |           |          |       | 434023 |
| 10671  | VILLA OLORES'BN.ARG  | 9011   | 10 10 | 0 53 25.30  | 21 38 12 | -37 51 |           |          |       | 434023 |
| 10674  | VILLA OLORES'BN.ARG  | 9011   | 10 11 | 0 42 23.86  | 21 44 48 | -36 27 |           |          |       | 434023 |
| 10672  | WOOMERA'BN. AUSTR.   | 9003   | 10 11 | 11 33 00.04 | 21 31 06 | -35 36 |           |          |       | 434023 |
| 10680  | MAUI'BN. HAWAII      | 9012   | 10 11 | 12 10 54.86 | 5 24 12  | 2 52   |           |          |       | 434013 |
| 10681  | MAUI'BN. HAWAII      | 9012   | 10 11 | 14 34 50.19 | 6 17 48  | 36 09  |           |          |       | 434013 |
| 10698  | SHIRAZ'BN. IRAN      | 9008   | 10 11 | 23 03 23.01 | 4 58 54  | -1 03  |           |          |       | 434013 |
| 10673  | SAN FERNANDO'BN. SP. | 9004   | 10 12 | 3 27 26.70  | 5 26 48  | -0 05  |           |          |       | 434013 |
| 10676  | JUPITER'BN. FLA.     | 9010   | 10 12 | 7 42 13.39  | 5 00 48  | 2 00   |           |          |       | 434013 |
| 10677  | JUPITER'BN. FLA.     | 9010   | 10 12 | 10 06 30.68 | 6 05 18  | 32 08  |           |          |       | 434013 |
| 10675  | WOOMERA'BN. AUSTR.   | 9003   | 10 12 | 11 21 58.64 | 21 36 48 | -33 22 |           |          |       | 434023 |
| 30146  | SACRAMENTO, CAL.     | 8517   | 10 12 | 12 11 18.9  |          |        | 180 00    | 57 29    |       | 641304 |
| 10678  | SHIRAZ'BN. IRAN      | 9008   | 10 12 | 22 50 56.57 | 4 43 18  | -1 08  |           |          |       | 434013 |
| 10923  | NAINI TAL'BN. INOIA  | 9006   | 10 12 | 23 03 31.10 | 5 48 30  | 26 09  |           |          |       | 434013 |
| 10679  | SHIRAZ'BN. IRAN      | 9008   | 10 13 | 1 16 11.98  | 6 08 42  | 30 17  |           |          |       | 434013 |
| 10718  | SAN FERNANDO'BN. SP. | 9004   | 10 13 | 3 17 06.80  | 5 41 06  | 4 22   |           |          |       | 434013 |
| 10684  | JUPITER'BN. FLA.     | 9010   | 10 13 | 7 29 10.05  | 4 34 12  | 0 21   |           |          |       | 434013 |
| 10685  | JUPITER'BN. FLA.     | 9010   | 10 13 | 9 54 33.01  | 5 58 48  | 33 42  |           |          |       | 434013 |
| 30147  | PHOENIX, ARIZ.       | 8576   | 10 13 | 11 04 31.8  |          |        | 180       | 79 51    |       | 845304 |
| 10682  | WOOMERA'BN. AUSTR.   | 9003   | 10 13 | 11 10 49.80 | 21 27 12 | -31 22 |           |          |       | 434023 |
| 11069  | MAUI'BN. HAWAII      | 9012   | 10 13 | 14 05 28.01 | 4 12 00  | 28 02  |           |          |       | 434013 |
| 10686  | OLIFANTS'BN.S.AF     | 9002   | 10 13 | 17 38 32.80 | 0 59 36  | -71 00 |           |          |       | 434023 |
| 10695  | TOKYO'BN. JAPAN      | 9005   | 10 13 | 18 30 07.10 | 5 44 00  | 13 45  |           |          |       | 434013 |
| 10687  | SHIRAZ'BN. IRAN      | 9008   | 10 13 | 22 39 09.54 | 4 37 48  | 0 26   |           |          |       | 434013 |
| 10707  | VILLA OLORES'BN.ARG  | 9011   | 10 14 | 0 08 43.46  | 20 37 42 | -33 18 |           |          |       | 434023 |
| 10688  | SHIRAZ'BN. IRAN      | 9008   | 10 14 | 1 04 50.19  | 6 17 06  | 32 03  |           |          |       | 434013 |
| 10712  | SAN FERNANDO'BN. SP. | 9004   | 10 14 | 3 02 58.00  | 5 03 54  | 0 51   |           |          |       | 434013 |
| 10713  | SAN FERNANDO'BN. SP. | 9004   | 10 14 | 5 28 39.40  | 7 00 42  | 25 06  |           |          |       | 434013 |
| 10683  | CURACAO'BN. N.W.I.   | 9009   | 10 14 | 7 19 57.77  | 4 02 42  | 34 54  |           |          |       | 434013 |
| 10690  | WOOMERA'BN. AUSTR.   | 9003   | 10 14 | 10 59 45.26 | 21 25 30 | -28 34 |           |          |       | 434023 |
| 10710  | MAUI'BN. HAWAII      | 9012   | 10 14 | 13 53 26.52 | 4 02 48  | 29 25  |           |          |       | 434013 |
| 10689  | OLIFANTS'BN.S.AF     | 9002   | 10 14 | 17 27 02.00 | 20 50 48 | -75 57 |           |          |       | 434023 |
| 10701  | SHIRAZ'BN. IRAN      | 9008   | 10 14 | 22 27 56.55 | 4 42 18  | 3 17   |           |          |       | 434013 |
| 10697  | NAINI TAL'BN. INOIA  | 9006   | 10 14 | 22 38 43.30 | 5 19 48  | 27 03  |           |          |       | 434013 |
| 10708  | VILLA OLORES'BN.ARG  | 9011   | 10 14 | 23 57 47.63 | 20 54 24 | -30 24 |           |          |       | 434023 |
| 10702  | SHIRAZ'BN. IRAN      | 9008   | 10 15 | 0 52 25.99  | 6 28 00  | 32 25  |           |          |       | 434013 |
| 10704  | CURACAO'BN. N.W.I.   | 9009   | 10 15 | 7 08 51.45  | 4 12 30  | 38 25  |           |          |       | 434013 |
| 10705  | JUPITER'BN. FLA.     | 9010   | 10 15 | 7 09 42.03  | 5 17 42  | 11 07  |           |          |       | 434013 |
| 10706  | JUPITER'BN. FLA.     | 9010   | 10 15 | 9 24 45.09  | 3 48 36  | 24 28  |           |          |       | 434013 |
| 10691  | WOOMERA'BN. AUSTR.   | 9003   | 10 15 | 10 48 33.82 | 21 07 48 | -26 08 |           |          |       | 434023 |
| 30149  | WOOMERA, AUSTR.      | 0603   | 10 15 | 10 48 39.2  |          |        | 345 48    | 83 48    |       | 845302 |
| 10696  | TOKYO'BN. JAPAN      | 9005   | 10 15 | 18 04 59.00 | 5 06 36  | 13 47  |           |          |       | 434013 |
| 10709  | VILLA OLORES'BN.ARG  | 9011   | 10 15 | 23 46 35.20 | 20 32 48 | -28 20 |           |          |       | 434023 |
| 10703  | SHIRAZ'BN. IRAN      | 9008   | 10 16 | 0 38 42.19  | 5 19 42  | 30 53  |           |          |       | 434013 |
| 10692  | SAN FERNANDO'BN. SP. | 9004   | 10 16 | 5 03 49.70  | 6 33 24  | 25 39  |           |          |       | 434013 |
| 10711  | MAUI'BN. HAWAII      | 9012   | 10 16 | 13 29 08.31 | 3 28 00  | 31 27  |           |          |       | 434013 |
| 10714  | SHIRAZ'BN. IRAN      | 9008   | 10 16 | 22 07 17.40 | 5 25 12  | 12 39  |           |          |       | 434013 |
| 10717  | VILLA OLORES'BN.ARG  | 9011   | 10 16 | 23 35 27.96 | 20 41 42 | -25 32 |           |          |       | 434023 |
| 10715  | SHIRAZ'BN. IRAN      | 9008   | 10 17 | 0 27 08.85  | 5 24 06  | 32 29  |           |          |       | 434013 |
| 10693  | SAN FERNANDO'BN. SP. | 9004   | 10 17 | 2 28 43.30  | 5 11 18  | 6 49   |           |          |       | 434013 |
| 10694  | SAN FERNANDO'BN. SP. | 9004   | 10 17 | 4 50 57.30  | 6 10 42  | 25 31  |           |          |       | 434013 |
| 10721  | CURACAO'BN. N.W.I.   | 9009   | 10 17 | 6 48 32.20  | 5 23 30  | 46 31  |           |          |       | 434013 |
| 10716  | JUPITER'BN. FLA.     | 9010   | 10 17 | 9 05 25.97  | 5 12 00  | 36 00  |           |          |       | 434013 |
| 30148  | ROCHESTER, N.Y.      | 8564   | 10 17 | 9 07 42.0   | 5 46 48  | 12 23  |           |          |       | 845304 |
| 10719  | WOOMERA'BN. AUSTR.   | 9003   | 10 17 | 10 26 19.96 | 20 49 30 | -19 13 |           |          |       | 434013 |
| 10756  | MAUI'BN. HAWAII      | 9012   | 10 17 | 13 17 42.34 | 3 41 06  | 31 28  |           |          |       | 434013 |
| 10720  | NAINI TAL'BN. INOIA  | 9006   | 10 17 | 22 02 48.81 | 5 04 12  | 30 21  |           |          |       | 434013 |
| 10728  | SHIRAZ'BN. IRAN      | 9008   | 10 18 | 0 14 50.32  | 5 12 12  | 33 00  |           |          |       | 434013 |
| 10723  | WOOMERA'BN. AUSTR.   | 9003   | 10 18 | 10 15 06.63 | 20 24 12 | -16 00 |           |          |       | 434013 |
| 10722  | ORGAN PASS'BN. N.M.  | 9001   | 10 18 | 11 06 41.70 | 5 43 06  | 31 37  |           |          |       | 434013 |
| 30150  | SACRAMENTO, CAL.     | 8517   | 10 18 | 13 25 04.2  |          |        | 180 00    | 76 14    |       | 641304 |
| 10724  | TOKYO'BN. JAPAN      | 9005   | 10 18 | 17 27 52.90 | 4 24 24  | 14 24  |           |          |       | 434013 |
| 10727  | SHIRAZ'BN. IRAN      | 9008   | 10 19 | 0 01 39.53  | 4 39 48  | 32 06  |           |          |       | 434013 |
| 10726  | WOOMERA'BN. AUSTR.   | 9003   | 10 19 | 10 04 04.81 | 20 27 38 | -10 37 |           |          |       | 434013 |
| 10725  | ORGAN PASS'BN. N.M.  | 9001   | 10 19 | 10 53 45.70 | 15 15 54 | 31 16  |           |          |       | 434013 |
| 30151  | SACRAMENTO, CAL.     | 8517   | 10 19 | 13 12 50.9  |          |        | 180 00    | 76 08    |       | 641304 |
| 10730  | NAINI TAL'BN. INOIA  | 9006   | 10 19 | 21 36 19.81 | 3 54 06  | 27 52  |           |          |       | 434013 |
| 10737  | SHIRAZ'BN. IRAN      | 9008   | 10 19 | 23 49 59.29 | 4 41 30  | 33 25  |           |          |       | 434013 |
| 10729  | SAN FERNANDO'BN. SP. | 9004   | 10 20 | 4 12 05.00  | 4 56 00  | 24 14  |           |          |       | 434013 |
| 10732  | JUPITER'BN. FLA.     | 9010   | 10 20 | 8 29 35.65  | 5 13 00  | 43 02  |           |          |       | 434013 |
| 10731  | ORGAN PASS'BN. N.M.  | 9001   | 10 20 | 10 43 55.00 | 6 02 42  | 34 44  |           |          |       | 434013 |
| 30152  | SACRAMENTO, CAL.     | 8517   | 10 20 | 13 00 36.9  |          |        | 180 00    | 76 05    |       | 641304 |
| 10733  | TOKYO'BN. JAPAN      | 9005   | 10 20 | 17 05 19.40 | 4 40 18  | 18 37  |           |          |       | 434013 |
| 10734  | TOKYO'BN. JAPAN      | 9005   | 10 20 | 19 30 31.20 | 7 55 12  | 29 32  |           |          |       | 434013 |
| 10735  | NAINI TAL'BN. INOIA  | 9006   | 10 20 | 21 31 46.31 | 6 46 00  | 35 50  |           |          |       | 434013 |
| 10740  | SHIRAZ'BN. IRAN      | 9008   | 10 20 | 23 38 43.09 | 4 54 00  | 35 16  |           |          |       | 434013 |
| 10736  | NAINI TAL'BN. INOIA  | 9006   | 10 20 | 23 55 28.19 | 8 23 18  | 36 19  |           |          |       | 434013 |
| 10739  | JUPITER'BN. FLA.     | 9010   | 10 21 | 8 18 29.31  | 5 19 48  | 40 34  |           |          |       | 434013 |
| 10738  | CURACAO'BN. N.W.I.   | 9009   | 10 21 | 8 27 17.70  | 7 57 18  | 59 45  |           |          |       | 434013 |
| 30153  | SACRAMENTO, CAL.     | 8517   | 10 21 | 12 48 22.0  |          |        | 180 00    | 75 56    |       | 641304 |
| 30154  | CHINA LAKE, CAL.     | 8588   | 10 21 | 12 50 23.5  |          |        | 180 00 00 | 83 28 48 |       | 545303 |
| 10743  | TOKYO'BN. JAPAN      | 9005   | 10 21 | 16 53 54.20 | 4 46 24  | 19 57  |           |          |       | 434013 |
| 10744  | TOKYO'BN. JAPAN      | 9005   | 10 21 | 19 17 19.10 | 6 25 30  | 29 35  |           |          |       | 434013 |

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|--------|----------------------|--------|-------|-------------|----------|--------|-----------|----------|-------|--------|
| 10745  | NAINI TAL'BN, INOIA  | 9006   | 10 21 | 21 14 23.32 | 4 42 36  | 34 03  |           |          |       | 434013 |
| 10749  | SHIRAZ'BN, IRAN      | 9008   | 10 21 | 23 27 56.77 | 5 21 36  | 37 07  |           |          |       | 434013 |
| 10746  | NAINI TAL'BN, INOIA  | 9006   | 10 21 | 23 39 22.35 | 6 43 00  | 39 34  |           |          |       | 434013 |
| 10753  | JUPITER'BN, FLA.     | 9010   | 10 22 | 8 04 13.37  | 4 12 00  | 39 00  |           |          |       | 434013 |
| 10752  | CURACAO'BN, N.W.I.   | 9009   | 10 22 | 8 08 30.33  | 4 18 42  | 61 35  |           |          |       | 434013 |
| 30157  | PHOENIX, ARIZ.       | 8576   | 10 22 | 10 15 24.1  |          |        | 180 00    | 85 34 12 |       | 645304 |
| 10741  | ORGAN PASS'BN, N.M.  | 9001   | 10 22 | 10 18 51.80 | 5 29 36  | 33 43  |           |          |       | 434013 |
| 30155  | SACRAMENTO, CAL.     | 8517   | 10 22 | 12 36 07.9  |          |        | 160 00    | 75 46    |       | 641304 |
| 30156  | CHINA LAKE, CAL.     | 8588   | 10 22 | 12 38 12.0  |          |        | 180 00 00 | 83 12 36 |       | 645303 |
| 10747  | NAINI TAL'BN, INOIA  | 9006   | 10 22 | 21 04 32.67 | 5 20 36  | 36 18  |           |          |       | 434013 |
| 10750  | SHIRAZ'BN, IRAN      | 9008   | 10 22 | 23 09 27.88 | 4 36 00  | 36 29  |           |          |       | 434013 |
| 10748  | NAINI TAL'BN, INOIA  | 9006   | 10 22 | 23 32 53.90 | 8 47 42  | 32 17  |           |          |       | 434013 |
| 10751  | SHIRAZ'BN, IRAN      | 9008   | 10 23 | 1 41 01.94  | 7 29 00  | 35 33  |           |          |       | 434013 |
| 10754  | JUPITER'BN, FLA.     | 9010   | 10 23 | 7 55 26.57  | 5 36 54  | 42 18  |           |          |       | 434013 |
| 10742  | ORGAN PASS'BN, N.M.  | 9001   | 10 23 | 10 05 39.58 | 4 54 00  | 33 20  |           |          |       | 434013 |
| 10755  | JUPITER'BN, FLA.     | 9010   | 10 23 | 10 19 06.07 | 7 13 24  | 40 41  |           |          |       | 434013 |
| 30158  | SACRAMENTO, CAL.     | 8517   | 10 23 | 12 23 54.3  |          |        | 180 00    | 75 30    |       | 641304 |
| 10757  | SHIRAZ'BN, IRAN      | 9008   | 10 23 | 23 01 48.57 | 4 11 00  | 36 21  |           |          |       | 434013 |
| 10764  | AREQUIPA'BN, PERU    | 9007   | 10 24 | 0 34 18.46  | 20 34 24 | -30 47 |           |          |       | 434023 |
| 10758  | SHIRAZ'BN, IRAN      | 9008   | 10 24 | 1 27 50.30  | 6 58 30  | 35 53  |           |          |       | 434013 |
| 10759  | JUPITER'BN, FLA.     | 9010   | 10 24 | 7 41 56.05  | 4 48 12  | 42 25  |           |          |       | 434013 |
| 10760  | JUPITER'BN, FLA.     | 9010   | 10 24 | 10 05 26.16 | 6 29 30  | 41 22  |           |          |       | 434013 |
| 30159  | CHINA LAKE, CAL.     | 8588   | 10 24 | 12 13 48.9  |          |        | 175 10 12 | 82 24 30 |       | 645303 |
| 10768  | SHIRAZ'BN, IRAN      | 9008   | 10 24 | 22 51 27.04 | 4 51 30  | 38 32  |           |          |       | 434013 |
| 10761  | NAINI TAL'BN, INOIA  | 9006   | 10 24 | 23 01 53.61 | 5 58 18  | 38 55  |           |          |       | 434013 |
| 10767  | AREQUIPA'BN, PERU    | 9007   | 10 25 | 0 23 13.43  | 20 28 12 | -23 38 |           |          |       | 434023 |
| 10769  | SHIRAZ'BN, IRAN      | 9008   | 10 25 | 1 15 31.66  | 6 48 36  | 35 25  |           |          |       | 434013 |
| 10770  | JUPITER'BN, FLA.     | 9010   | 10 25 | 7 31 31.82  | 5 30 48  | 43 18  |           |          |       | 434013 |
| 10763  | CURACAO'BN, N.W.I.   | 9009   | 10 25 | 7 52 50.24  | 10 49 12 | 31 25  |           |          |       | 434013 |
| 10762  | CURACAO'BN, N.W.I.   | 9009   | 10 25 | 7 32 54.89  | 4 16 06  | 64 11  |           |          |       | 434013 |
| 30162  | MAISON, WISC.        | 0148   | 10 25 | 9 33 18.4   | 4 47 00  | 6 48   |           |          |       | 645042 |
| 10765  | ORGAN PASS'BN, N.M.  | 9001   | 10 25 | 9 41 12.80  | 4 29 48  | 33 49  |           |          |       | 434013 |
| 10771  | JUPITER'BN, FLA.     | 9010   | 10 25 | 9 52 23.72  | 5 59 42  | 41 27  |           |          |       | 434013 |
| 30160  | SACRAMENTO, CAL.     | 8517   | 10 25 | 11 59 28.3  |          |        | 180 00    | 74 33    |       | 641304 |
| 30161  | CHINA LAKE, CAL.     | 8588   | 10 25 | 12 01 26.9  |          |        | 180 00 00 | 82 13 48 |       | 645303 |
| 10766  | ORGAN PASS'BN, N.M.  | 9001   | 10 25 | 12 04 11.60 | 4 07 18  | 30 05  |           |          |       | 434013 |
| 10778  | TOKYO'BN, JAPAN      | 9005   | 10 25 | 18 28 40.80 | 5 57 30  | 28 30  |           |          |       | 434013 |
| 10776  | SHIRAZ'BN, IRAN      | 9008   | 10 25 | 22 40 47.56 | 5 25 18  | 39 16  |           |          |       | 434013 |
| 10774  | NAINI TAL'BN, INOIA  | 9006   | 10 25 | 22 50 24.13 | 6 08 36  | 38 18  |           |          |       | 434013 |
| 10777  | SHIRAZ'BN, IRAN      | 9008   | 10 26 | 1 03 21.12  | 6 41 30  | 34 48  |           |          |       | 434013 |
| 10772  | SAN FERNANDO'BN, SP. | 9004   | 10 26 | 3 00 56.80  | 4 42 24  | 26 49  |           |          |       | 434013 |
| 10773  | SAN FERNANDO'BN, SP. | 9004   | 10 26 | 5 24 11.80  | 6 27 18  | 21 22  |           |          |       | 434013 |
| 10775  | ORGAN PASS'BN, N.M.  | 9001   | 10 26 | 9 30 09.50  | 4 50 24  | 34 44  |           |          |       | 434013 |
| 10781  | SHIRAZ'BN, IRAN      | 9008   | 10 26 | 22 30 27.45 | 6 44 30  | 37 13  |           |          |       | 434013 |
| 10779  | NAINI TAL'BN, INOIA  | 9006   | 10 26 | 22 37 13.75 | 5 34 18  | 38 30  |           |          |       | 434013 |
| 10780  | CURACAO'BN, N.W.I.   | 9009   | 10 27 | 7 09 36.09  | 4 31 06  | 65 35  |           |          |       | 434013 |
| 10783  | ORGAN PASS'BN, N.M.  | 9001   | 10 27 | 9 20 32.42  | 5 48 12  | 34 10  |           |          |       | 434013 |
| 10782  | JUPITER'BN, FLA.     | 9010   | 10 27 | 9 31 30.64  | 7 11 48  | 35 48  |           |          |       | 434013 |
| 10784  | ORGAN PASS'BN, N.M.  | 9001   | 10 27 | 11 41 00.72 | 6 19 00  | 27 45  |           |          |       | 434013 |
| 30163  | DENVER, COLO.        | 8582   | 10 27 | 11 41 50.7  |          |        | 196 30    | 65 30    |       | 645303 |
| 10786  | MAUI'BN, HAWAII      | 9012   | 10 27 | 13 44 31.88 | 5 47 30  | 53 43  |           |          |       | 434013 |
| 10785  | NAINI TAL'BN, INOIA  | 9006   | 10 27 | 22 25 20.33 | 5 33 36  | 38 07  |           |          |       | 434013 |
| 10787  | CURACAO'BN, N.W.I.   | 9009   | 10 28 | 6 58 32.81  | 5 07 42  | 66 11  |           |          |       | 434013 |
| 10788  | CURACAO'BN, N.W.I.   | 9009   | 10 28 | 9 25 14.62  | 7 57 00  | 45 06  |           |          |       | 434013 |
| 30166  | SACRAMENTO, CAL.     | 8517   | 10 28 | 11 22 59.2  |          |        | 180 00    | 73 23    |       | 641304 |
| 30164  | CHINA LAKE, CAL.     | 0098   | 10 28 | 11 24 56.8  |          |        | 180 00 00 | 80 05 00 |       | 641303 |
| 10791  | NAINI TAL'BN, INOIA  | 9006   | 10 28 | 22 18 19.48 | 7 30 00  | 30 23  |           |          |       | 434013 |
| 10798  | SHIRAZ'BN, IRAN      | 9008   | 10 29 | 0 26 56.10  | 6 21 12  | 32 43  |           |          |       | 434013 |
| 10790  | SAN FERNANDO'BN, SP. | 9004   | 10 29 | 4 49 24.50  | 6 39 24  | 16 38  |           |          |       | 434013 |
| 10795  | CURACAO'BN, N.W.I.   | 9009   | 10 29 | 6 48 34.69  | 6 29 36  | 63 54  |           |          |       | 434013 |
| 10797  | JUPITER'BN, FLA.     | 9010   | 10 29 | 9 03 52.79  | 5 31 24  | 39 53  |           |          |       | 434013 |
| 10796  | CURACAO'BN, N.W.I.   | 9009   | 10 29 | 9 12 55.32  | 7 45 06  | 48 38  |           |          |       | 434013 |
| 30167  | SACRAMENTO, CAL.     | 8517   | 10 29 | 11 10 52.9  |          |        | 180 00    | 72 41    |       | 641304 |
| 10789  | ORGAN PASS'BN, N.M.  | 9001   | 10 29 | 11 14 53.10 | 5 20 36  | 27 49  |           |          |       | 434013 |
| 30165  | DENVER, COLO.        | 8582   | 10 29 | 11 17 16.5  |          |        | 197 42    | 64 30    |       | 645303 |
| 10792  | NAINI TAL'BN, INOIA  | 9006   | 10 29 | 22 00 36.23 | 5 01 54  | 37 37  |           |          |       | 434013 |
| 10794  | SHIRAZ'BN, IRAN      | 9008   | 10 30 | 0 14 35.33  | 6 08 12  | 32 16  |           |          |       | 434013 |
| 30168  | SACRAMENTO, CAL.     | 8517   | 10 30 | 10 58 47.8  |          |        | 180 00    | 71 36    |       | 641304 |
| 10793  | SHIRAZ'BN, IRAN      | 9008   | 10 31 | 0 03 29.22  | 6 25 24  | 29 50  |           |          |       | 434013 |
| 30169  | SACRAMENTO, CAL.     | 8517   | 10 31 | 10 46 45.7  |          |        | 180 00    | 71 06    |       | 641304 |
| 10799  | ORGAN PASS'BN, N.M.  | 9001   | 10 31 | 10 52 48.60 | 5 55 54  | 23 35  |           |          |       | 434013 |
| 30170  | SACRAMENTO, CAL.     | 8517   | 10 31 | 13 13 32.2  |          |        | 180 00    | 47 03    |       | 641304 |
| 10806  | NAINI TAL'BN, INOIA  | 9006   | 10 31 | 21 39 16.37 | 6 05 36  | 33 11  |           |          |       | 434013 |
| 10811  | SHIRAZ'BN, IRAN      | 9008   | 10 31 | 23 50 20.26 | 5 51 00  | 30 42  |           |          |       | 434013 |
| 10807  | NAINI TAL'BN, INOIA  | 9006   | 11 01 | 0 00 38.21  | 6 34 42  | 10 52  |           |          |       | 434013 |
| 10805  | SAN FERNANDO'BN, SP. | 9004   | 11 01 | 4 10 12.40  | 5 14 42  | 16 44  |           |          |       | 434013 |
| 10808  | CURACAO'BN, N.W.I.   | 9009   | 11 01 | 8 36 16.44  | 7 17 18  | 46 41  |           |          |       | 434013 |
| 30171  | DENVER, COLO.        | 8592   | 11 01 | 10 40 32.4  |          |        | 199 24    | 59 16    |       | 645303 |
| 10809  | NAINI TAL'BN, INOIA  | 9006   | 11 01 | 21 29 49.99 | 7 06 30  | 26 52  |           |          |       | 434013 |
| 10812  | SHIRAZ'BN, IRAN      | 9008   | 11 01 | 23 38 03.60 | 5 37 12  | 30 08  |           |          |       | 434013 |
| 10810  | NAINI TAL'BN, INOIA  | 9006   | 11 01 | 23 52 05.69 | 7 28 18  | 2 05   |           |          |       | 434013 |
| 10813  | CURACAO'BN, N.W.I.   | 9009   | 11 02 | 8 25 12.26  | 7 44 00  | 41 59  |           |          |       | 434013 |
| 30172  | PHOENIX, ARIZ.       | 8576   | 11 02 | 10 27 00.1  |          |        | 179 32 12 | 78 46    |       | 645304 |

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| 10814  | ORGAN PASS'BN, N.M.  | 9001   | 11 02 | 10 28 53.50 | 5 45 24  | 21 00  |           |          |       | 434013 |
| 10818  | MAUI'BN, HAWAII      | 9012   | 11 02 | 15 00 40.05 | 8 03 18  | 14 55  |           |          |       | 434013 |
| 10819  | NAINI TAL'BN, INOIA  | 9006   | 11 02 | 21 15 02.75 | 5 45 48  | 31 55  |           |          |       | 434013 |
| 10816  | NAINI TAL'BN, INOIA  | 9006   | 11 02 | 23 37 13.19 | 6 33 24  | 6 05   |           |          |       | 434013 |
| 10817  | CURACAO'BN, N.W.I.   | 9009   | 11 03 | 8 13 12.37  | 7 27 42  | 42 08  |           |          |       | 434013 |
| 10824  | MAUI'BN, HAWAII      | 9012   | 11 03 | 14 46 49.47 | 7 24 18  | 17 36  |           |          |       | 434013 |
| 10819  | NAINI TAL'BN, INOIA  | 9006   | 11 03 | 21 06 21.68 | 6 59 00  | 23 03  |           |          |       | 434013 |
| 10820  | NAINI TAL'BN, INOIA  | 9006   | 11 03 | 23 27 16.86 | 7 02 30  | - 0 06 |           |          |       | 434013 |
| 10821  | JUPITER'BN, FLA.     | 9010   | 11 04 | 7 55 00.23  | 6 19 18  | 29 11  |           |          |       | 434013 |
| 10822  | JUPITER'BN, FLA.     | 9010   | 11 04 | 10 17 13.21 | 6 49 18  | 0 27   |           |          |       | 434013 |
| 10823  | JUPITER'BN, FLA.     | 9010   | 11 04 | 10 18 49.77 | 7 15 48  | - 3 08 |           |          |       | 434013 |
| 10826  | NAINI TAL'BN, INOIA  | 9006   | 11 05 | 23 01 36.52 | 6 19 36  | - 0 36 |           |          |       | 434013 |
| 10827  | MAUI'BN, HAWAII      | 9012   | 11 06 | 14 08 41.31 | 6 21 24  | 17 23  |           |          |       | 434013 |
| 10830  | NAINI TAL'BN, INOIA  | 9006   | 11 06 | 22 49 40.65 | 6 13 30  | - 2 43 |           |          |       | 434013 |
| 10828  | CURACAO'BN, N.W.I.   | 9009   | 11 07 | 7 22 32.88  | 5 51 12  | 45 59  |           |          |       | 434013 |
| 10832  | JUPITER'BN, FLA.     | 9010   | 11 07 | 9 39 42.62  | 6 01 36  | - 2 22 |           |          |       | 434013 |
| 10833  | JUPITER'BN, FLA.     | 9010   | 11 07 | 9 40 53.63  | 6 22 18  | - 5 04 |           |          |       | 434013 |
| 10829  | CURACAO'BN, N.W.I.   | 9009   | 11 07 | 9 47 19.48  | 6 52 42  | 1 54   |           |          |       | 434013 |
| 11070  | MAUI'BN, HAWAII      | 9012   | 11 07 | 13 58 50.94 | 6 57 42  | 9 17   |           |          |       | 434013 |
| 10831  | NAINI TAL'BN, INOIA  | 9006   | 11 07 | 22 37 18.81 | 5 58 24  | - 4 01 |           |          |       | 434013 |
| 10834  | JUPITER'BN, FLA.     | 9010   | 11 08 | 0 07 12.63  | 23 22 24 | -43 26 |           |          |       | 434023 |
| 10835  | JUPITER'BN, FLA.     | 9010   | 11 08 | 9 23 56.43  | 4 40 30  | 4 02   |           |          |       | 434013 |
| 10836  | JUPITER'BN, FLA.     | 9010   | 11 08 | 9 28 06.48  | 6 00 18  | - 5 20 |           |          |       | 434013 |
| 10839  | MAUI'BN, HAWAII      | 9012   | 11 08 | 13 44 57.43 | 6 10 42  | 12 43  |           |          |       | 434013 |
| 10837  | CURACAO'BN, N.W.I.   | 9009   | 11 09 | 7 01 34.78  | 6 54 48  | 34 09  |           |          |       | 434013 |
| 10838  | CURACAO'BN, N.W.I.   | 9009   | 11 09 | 9 24 34.54  | 6 58 48  | - 6 15 |           |          |       | 434013 |
| 10840  | NAINI TAL'BN, INOIA  | 9006   | 11 09 | 22 11 18.59 | 4 57 24  | - 3 25 |           |          |       | 434013 |
| 10843  | CURACAO'BN, N.W.I.   | 9009   | 11 09 | 23 45 58.47 | 18 53 12 | 59 40  |           |          |       | 434013 |
| 10842  | SHIRAZ'BN, IRAN      | 9008   | 11 10 | 0 24 14.00  | 5 28 12  | -10 46 |           |          |       | 434013 |
| 11071  | CURACAO'BN, N.W.I.   | 9009   | 11 10 | 9 03 58.71  | 4 20 36  | 13 46  |           |          |       | 434013 |
| 10858  | JUPITER'BN, FLA.     | 9010   | 11 10 | 9 09 26.98  | 7 28 12  | -22 39 |           |          |       | 434013 |
| 10859  | JUPITER'BN, FLA.     | 9010   | 11 10 | 9 10 20.88  | 7 14 24  | -21 00 |           |          |       | 434013 |
| 30173  | QUEZON CITY, PHILS.  | 0500   | 11 10 | 10 34 39    |          |        | 356       | 54 12    |       | 845302 |
| 10841  | ORGAN PASS'BN, N.M.  | 9001   | 11 10 | 11 16 27.20 | 5 52 36  | -20 35 |           |          |       | 434013 |
| 10849  | NAINI TAL'BN, INOIA  | 9006   | 11 10 | 22 00 27.93 | 5 13 06  | - 8 13 |           |          |       | 434013 |
| 10862  | CURACAO'BN, N.W.I.   | 9009   | 11 10 | 23 34 38.52 | 18 17 00 | 59 47  |           |          |       | 434013 |
| 10851  | SHIRAZ'BN, IRAN      | 9008   | 11 11 | 0 12 58.16  | 5 31 48  | -14 24 |           |          |       | 434013 |
| 10844  | ORGAN PASS'BN, N.M.  | 9001   | 11 11 | 1 45 24.90  | 23 23 54 | -37 39 |           |          |       | 434023 |
| 10863  | CURACAO'BN, N.W.I.   | 9009   | 11 11 | 6 40 13.84  | 7 30 06  | 21 16  |           |          |       | 434013 |
| 10864  | CURACAO'BN, N.W.I.   | 9009   | 11 11 | 9 58 57.70  | 6 15 48  | - 6 29 |           |          |       | 434013 |
| 10850  | NAINI TAL'BN, INOIA  | 9006   | 11 11 | 21 52 10.25 | 6 13 48  | -18 30 |           |          |       | 434013 |
| 10853  | CURACAO'BN, N.W.I.   | 9009   | 11 11 | 23 22 51.10 | 17 25 00 | 50 04  |           |          |       | 434013 |
| 10852  | SHIRAZ'BN, IRAN      | 9008   | 11 12 | 0 00 10.06  | 5 06 18  | -14 35 |           |          |       | 434013 |
| 10845  | ORGAN PASS'BN, N.M.  | 9001   | 11 12 | 1 34 40.21  | 0 54 00  | -33 22 |           |          |       | 434023 |
| 10848  | SAN FERNANDO'BN, SP. | 9004   | 11 12 | 4 20 01.50  | 4 30 12  | -20 45 |           |          |       | 434013 |
| 10860  | JUPITER'BN, FLA.     | 9010   | 11 12 | 8 39 59.50  | 5 19 12  | -13 30 |           |          |       | 434013 |
| 30174  | CINCINNATI, OHIO     | 0050   | 11 12 | 8 40 05.00  | 6 00 06  | -25 34 |           |          |       | 845004 |
| 10854  | CURACAO'BN, N.W.I.   | 9009   | 11 12 | 8 48 20.17  | 6 31 12  | -12 46 |           |          |       | 434013 |
| 10855  | CURACAO'BN, N.W.I.   | 9009   | 11 12 | 23 12 56.00 | 18 48 24 | 78 09  |           |          |       | 434013 |
| 10846  | ORGAN PASS'BN, N.M.  | 9001   | 11 13 | 1 23 39.07  | 0 10 00  | -29 10 |           |          |       | 434023 |
| 10856  | CURACAO'BN, N.W.I.   | 9009   | 11 13 | 8 56 39.53  | 6 28 30  | -16 10 |           |          |       | 434013 |
| 10847  | ORGAN PASS'BN, N.M.  | 9001   | 11 13 | 10 41 37.69 | 5 49 48  | -28 14 |           |          |       | 434023 |
| 10861  | MAUI'BN, HAWAII      | 9012   | 11 13 | 15 07 44.50 | 5 58 06  | -28 50 |           |          |       | 434023 |
| 10867  | MAUI'BN, HAWAII      | 9012   | 11 14 | 5 33 17.33  | 18 10 42 | 52 42  |           |          |       | 434023 |
| 10857  | CURACAO'BN, N.W.I.   | 9009   | 11 14 | 8 22 15.07  | 5 34 24  | -11 28 |           |          |       | 434013 |
| 10868  | MAUI'BN, HAWAII      | 9012   | 11 14 | 14 54 29.66 | 5 29 36  | -27 46 |           |          |       | 434023 |
| 10865  | OLIFANTSFNTN'BN,S.AF | 9002   | 11 15 | 1 53 08.10  | 8 57 24  | 12 42  |           |          |       | 434013 |
| 10866  | CURACAO'BN, N.W.I.   | 9009   | 11 15 | 8 11 00.85  | 5 38 36  | -16 11 |           |          |       | 434013 |
| 30175  | PUEBLA, MEX.         | 0900   | 11 16 | 0 50 25.00  | 21 53 18 | 80 12  |           |          |       | 845043 |
| 10869  | CURACAO'BN, N.W.I.   | 9009   | 11 16 | 7 58 33.17  | 5 17 30  | -16 51 |           |          |       | 434013 |
| 10870  | VILLA DOLORES'BN,ARG | 9011   | 11 16 | 8 08 40.44  | 7 52 18  | 21 50  |           |          |       | 434013 |
| 10871  | VILLA DOLORES'BN,ARG | 9011   | 11 16 | 8 14 16.54  | 9 13 48  | 9 03   |           |          |       | 434013 |
| 30181  | PUEBLA, MEX.         | 0900   | 11 17 | 0 39 25.7   | 23 55 12 | 83 06  |           |          |       | 845043 |
| 10876  | OLIFANTSFNTN'BN,S.AF | 9002   | 11 17 | 1 26 10.97  | 8 02 48  | 17 20  |           |          |       | 434013 |
| 10878  | MAUI'BN, HAWAII      | 9012   | 11 17 | 5 00 03.66  | 17 40 24 | 73 32  |           |          |       | 434013 |
| 10872  | CURACAO'BN, N.W.I.   | 9009   | 11 17 | 7 47 02.72  | 5 17 18  | -20 57 |           |          |       | 434013 |
| 10873  | VILLA DOLORES'BN,ARG | 9011   | 11 17 | 8 01 59.40  | 9 05 24  | 8 05   |           |          |       | 434013 |
| 10874  | VILLA DOLORES'BN,ARG | 9011   | 11 17 | 8 06 22.58  | 10 07 18 | 1 01   |           |          |       | 434013 |
| 10877  | NAINI TAL'BN, INOIA  | 9006   | 11 17 | 13 40 30.20 | 19 05 48 | 21 59  |           |          |       | 434013 |
| 30176  | ST. PETERSBURG, FLA. | 0121   | 11 18 | 0 29 03     | 18 59    | 31 50  |           |          |       | 845032 |
| 10875  | OLIFANTSFNTN'BN,S.AF | 9002   | 11 18 | 1 15 46.94  | 8 22 18  | 11 26  |           |          |       | 434013 |
| 10890  | MAUI'BN, HAWAII      | 9012   | 11 18 | 4 48 26.53  | 16 36 24 | 66 45  |           |          |       | 434013 |
| 10879  | CURACAO'BN, N.W.I.   | 9009   | 11 18 | 7 35 58.17  | 5 25 42  | -26 11 |           |          |       | 434023 |
| 10880  | VILLA DOLORES'BN,ARG | 9011   | 11 18 | 7 46 27.08  | 8 08 18  | 15 05  |           |          |       | 434013 |
| 10881  | VILLA DOLORES'BN,ARG | 9011   | 11 18 | 7 56 25.64  | 10 12 36 | - 5 57 |           |          |       | 434013 |
| 10884  | TOKYO'BN, JAPAN      | 9005   | 11 18 | 9 10 03.10  | 23 31 30 | -14 46 |           |          |       | 434013 |
| 10891  | MAUI'BN, HAWAII      | 9012   | 11 18 | 14 05 20.75 | 4 26 36  | -32 03 |           |          |       | 434023 |
| 10882  | WOOMERA'BN, AUSTR.   | 9003   | 11 18 | 18 39 23.56 | 6 38 48  | 4 15   |           |          |       | 434013 |
| 30177  | CHINA LAKE, CAL.     | 8588   | 11 19 | 2 29 47.1   |          |        | 167 19 48 | 44 57 36 |       | 845303 |

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| 10885  | TOKYO*BN, JAPAN        | 9005   | 11 19 | 8 58 37.60  | 23 11 24 | -14 23 |           |          |       | 434013 |
| 10883  | WOOMERA*BN, AUSTR.     | 9003   | 11 19 | 18 27 37.23 | 8 38 36  | 2 09   |           |          |       | 434013 |
| 30178  | ST. LOUIS, MO.         | 0140   | 11 20 | 0 06 20.8   | 22 21 12 | -26 57 |           |          |       | 845042 |
| 30179  | BILOXI, MISS.          | 0090   | 11 20 | 0 07 12     |          |        | 270       | 76 30    |       | 845042 |
| 10887  | JUPITER*BN, FLA.       | 9010   | 11 20 | 0 07 32.96  | 17 26 42 | 35 28  |           |          |       | 434013 |
| 10888  | JUPITER*BN, FLA.       | 9010   | 11 20 | 0 08 21.44  | 18 07 30 | 53 28  |           |          |       | 434013 |
| 50003  | AIKEN, S.C.            | 6023   | 11 20 | 0 09 02.8   | 22 38 00 | 14 06  |           |          |       | 634042 |
| 10889  | JUPITER*BN, FLA.       | 9010   | 11 20 | 0 09 03.01  | 20 10 30 | 74 27  |           |          |       | 434013 |
| 30190  | HIGASHIMATSUYAMA, JAP  | 0210   | 11 20 | 8 46 50.2   |          |        | 160 00    | 36 24    |       | 845042 |
| 10886  | TOKYO*BN, JAPAN        | 9005   | 11 20 | 8 47 47.20  | 0 09 18  | - 8 46 |           |          |       | 434013 |
| 10893  | NAINI TAL*BN, INOIA    | 9006   | 11 20 | 13 07 43.26 | 23 04 00 | 58 10  |           |          |       | 434013 |
| 10892  | MAUI*BN, HAWAII        | 9012   | 11 20 | 13 45 05.37 | 5 07 42  | -44 33 |           |          |       | 434013 |
| 10897  | JUPITER*BN, FLA.       | 9010   | 11 20 | 23 57 40.77 | 19 15 12 | 72 41  |           |          |       | 434013 |
| 50004  | AIKEN, S.C.            | 6023   | 11 20 | 23 57 43.6  | 22 31 00 | 16 23  |           |          |       | 634042 |
| 10898  | JUPITER*BN, FLA.       | 9010   | 11 20 | 23 58 03.94 | 22 31 12 | 79 26  |           |          |       | 434013 |
| 10894  | VILLA DOLORES*BN, ARG  | 9011   | 11 21 | 7 14 35.68  | 8 59 24  | 0 50   |           |          |       | 434013 |
| 10895  | VILLA DOLORES*BN, ARG  | 9011   | 11 21 | 7 19 47.50  | 10 22 48 | - 8 45 |           |          |       | 434013 |
| 10900  | SHIRAZ*BN, IRAN        | 9008   | 11 21 | 15 07 30.63 | 22 00 18 | 65 13  |           |          |       | 434013 |
| 10896  | WOOMERA*BN, AUSTR.     | 9003   | 11 21 | 18 02 49.92 | 8 17 00  | 1 06   |           |          |       | 434013 |
| 10901  | JUPITER*BN, FLA.       | 9010   | 11 21 | 23 46 17.28 | 18 92 00 | 72 11  |           |          |       | 434013 |
| 50005  | AIKEN, S.C.            | 6023   | 11 21 | 23 46 23.5  | 22 23 13 | 16 39  |           |          |       | 634042 |
| 10902  | JUPITER*BN, FLA.       | 9010   | 11 21 | 23 47 20.90 | 5 03 54  | 70 10  |           |          |       | 434013 |
| 30180  | CHINA LAKE, CAL.       | 8588   | 11 22 | 1 55 44.0   |          |        | 169 36 00 | 49 12 00 |       | 845042 |
| 10899  | AREQUIPA*BN, PERU      | 9007   | 11 22 | 6 52 55.58  | 6 51 54  | - 4 12 |           |          |       | 434013 |
| 10903  | SHIRAZ*BN, IRAN        | 9008   | 11 22 | 14 56 14.98 | 22 25 00 | 67 20  |           |          |       | 434013 |
| 10904  | AREQUIPA*BN, PERU      | 9007   | 11 23 | 6 41 41.91  | 7 00 42  | - 0 30 |           |          |       | 434013 |
| 10911  | VILLA DOLORES*BN, ARG  | 9011   | 11 23 | 6 45 31.80  | 7 22 42  | 12 09  |           |          |       | 434013 |
| 10912  | VILLA DOLORES*BN, ARG  | 9011   | 11 23 | 6 50 56.33  | 8 58 24  | - 2 32 |           |          |       | 434013 |
| 10905  | AREQUIPA*BN, PERU      | 9007   | 11 23 | 9 02 43.19  | 6 48 12  | -35 02 |           |          |       | 434013 |
| 10906  | WOOMERA*BN, AUSTR.     | 9003   | 11 23 | 17 37 56.90 | 7 51 30  | 0 48   |           |          |       | 434013 |
| 10908  | JUPITER*BN, FLA.       | 9010   | 11 23 | 23 22 08.25 | 16 43 24 | 39 19  |           |          |       | 434013 |
| 10909  | JUPITER*BN, FLA.       | 9010   | 11 23 | 23 24 00.83 | 21 44 00 | 82 20  |           |          |       | 434013 |
| 10910  | JUPITER*BN, FLA.       | 9010   | 11 23 | 23 25 36.81 | 4 01 06  | 50 26  |           |          |       | 434013 |
| 10917  | AREQUIPA*BN, PERU      | 9007   | 11 24 | 8 50 16.71  | 6 32 54  | -36 02 |           |          |       | 434013 |
| 10907  | WOOMERA*BN, AUSTR.     | 9003   | 11 24 | 17 25 47.84 | 7 43 06  | 0 04   |           |          |       | 434013 |
| 10921  | VILLA DOLORES*BN, ARG  | 9011   | 11 25 | 6 20 16.21  | 6 41 18  | 14 53  |           |          |       | 434013 |
| 10922  | VILLA DOLORES*BN, ARG  | 9011   | 11 25 | 6 24 12.56  | 8 01 36  | 2 15   |           |          |       | 434013 |
| 10913  | WOOMERA*BN, AUSTR.     | 9003   | 11 25 | 17 13 32.98 | 7 32 12  | - 0 20 |           |          |       | 434013 |
| 10916  | SAN FERNANDO*BN, SP.   | 9004   | 11 25 | 18 43 19.60 | 22 21 42 | 0 46   |           |          |       | 434013 |
| 10918  | AREQUIPA*BN, PERU      | 9007   | 11 26 | 8 25 21.87  | 5 56 00  | -37 19 |           |          |       | 434013 |
| 10914  | WOOMERA*BN, AUSTR.     | 9003   | 11 26 | 17 01 03.85 | 7 14 48  | 0 17   |           |          |       | 434013 |
| 10919  | VILLA DOLORES*BN, ARG  | 9011   | 11 27 | 5 57 01.86  | 6 39 24  | 11 32  |           |          |       | 434013 |
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| 10915  | WOOMERA*BN, AUSTR.     | 9003   | 11 27 | 16 49 08.71 | 7 09 24  | - 0 50 |           |          |       | 434013 |
| 10924  | VILLA DOLORES*BN, ARG  | 9011   | 11 28 | 5 44 59.62  | 6 28 00  | 11 30  |           |          |       | 434013 |
| 10925  | VILLA DOLORES*BN, ARG  | 9011   | 11 28 | 5 49 13.27  | 8 06 24  | - 3 10 |           |          |       | 434013 |
| 10926  | VILLA DOLORES*BN, ARG  | 9011   | 11 28 | 8 06 04.71  | 7 10 54  | -22 34 |           |          |       | 434013 |
| 10929  | TOKYO*BN, JAPAN        | 9005   | 11 28 | 9 31 53.80  | 20 22 36 | 0 13   |           |          |       | 434013 |
| 10927  | WOOMERA*BN, AUSTR.     | 9003   | 11 28 | 16 37 09.74 | 8 36 18  | - 1 09 |           |          |       | 434013 |
| 10928  | SAN FERNANDO*BN, SP.   | 9004   | 11 28 | 18 09 05.20 | 21 37 42 | 2 11   |           |          |       | 434013 |
| 30182  | DALLAS, TEX.           | 0129   | 11 29 | 0 40 32.51  | 22 39 30 | 32 33  |           |          |       | 845013 |
| 30183  | DALLAS, TEX.           | 0129   | 11 29 | 0 40 33.67  | 22 41 54 | 32 32  |           |          |       | 845013 |
| 10930  | AREQUIPA*BN, PERU      | 9007   | 11 29 | 7 51 18.08  | 6 25 00  | -48 43 |           |          |       | 434013 |
| 10931  | SAN FERNANDO*BN, SP.   | 9004   | 11 29 | 17 57 53.80 | 22 02 18 | 2 12   |           |          |       | 434013 |
| 30185  | SAN ANTONIO, TEX.      | 0089   | 11 30 | 0 28 49.1   | 22 37    | 66 18  |           |          |       | 845012 |
| 30184  | DALLAS, TEX.           | 0129   | 11 30 | 0 29 11.65  | 22 33    | 30 48  |           |          |       | 845013 |
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| 10933  | VILLA DOLORES*BN, ARG  | 9011   | 11 30 | 7 44 07.29  | 7 58 06  | -28 33 |           |          |       | 434013 |
| 10935  | NAINI TAL*BN, INOIA    | 9006   | 11 30 | 13 30 02.93 | 19 19 12 | 37 46  |           |          |       | 434013 |
| 10934  | WOOMERA*BN, AUSTR.     | 9003   | 11 30 | 16 12 51.42 | 6 34 12  | - 1 28 |           |          |       | 434013 |
| 10936  | OLIFANTSGENT*BN, S. AF | 9002   | 12 01 | 1 60 09.70  | 7 22 12  | -38 20 |           |          |       | 434013 |
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| 10941  | VILLA DOLORES*BN, ARG  | 9011   | 12 01 | 7 29 28.05  | 6 36 54  | -24 25 |           |          |       | 434013 |
| 30197  | MITAKA, JAPAN          | 0229   | 12 01 | 8 58 40.3   |          |        | 191 48    | 49 08    |       | 845030 |
| 10938  | TOKYO*BN, JAPAN        | 9005   | 12 01 | 8 58 59.30  | 23 06 06 | -11 19 |           |          |       | 434013 |
| 10939  | NAINI TAL*BN, INOIA    | 9006   | 12 01 | 13 19 28.64 | 21 36 00 | 40 22  |           |          |       | 434013 |
| 10937  | WOOMERA*BN, AUSTR.     | 9003   | 12 01 | 16 01 32.57 | 6 44 06  | - 4 30 |           |          |       | 434013 |
| 50006  | AIKEN, S.C.            | 6023   | 12 02 | 0 09 49.2   | 23 26 00 | -13 00 |           |          |       | 634042 |
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| 10948  | VILLA DOLORES*BN, ARG  | 9011   | 12 02 | 7 24 32.10  | 9 57 00  | -31 55 |           |          |       | 434013 |
| 10945  | SHIRAZ*BN, IRAN        | 9008   | 12 02 | 15 19 19.74 | 22 11 48 | 13 04  |           |          |       | 434013 |
| 10942  | WOOMERA*BN, AUSTR.     | 9003   | 12 02 | 15 49 08.74 | 6 19 18  | - 3 01 |           |          |       | 434013 |
| 10952  | JUPITER*BN, FLA.       | 9010   | 12 02 | 23 57 41.99 | 19 23 54 | 41 31  |           |          |       | 434013 |
| 30186  | SACRAMENTO, CAL.       | 8517   | 12 03 | 2 06 38.5   | 22 48 54 | -24 03 |           |          |       | 841043 |
| 11072  | TOKYO*BN, JAPAN        | 9005   | 12 03 | 8 30 58.60  | 23 41 24 | -11 04 |           |          |       | 434013 |
| 10946  | SHIRAZ*BN, IRAN        | 9008   | 12 03 | 15 08 03.93 | 22 23 12 | 7 19   |           |          |       | 434013 |
| 30187  | CINCINNATI, OHIO       | 0050   | 12 03 | 23 43 39.6  | 21 47 30 | -26 03 |           |          |       | 845004 |
| 30191  | SACRAMENTO, CAL.       | 8590   | 12 04 | 1 54 18.2   | 22 41 06 | -24 36 |           |          |       | 845043 |
| 30192  | SACRAMENTO, CAL.       | 8517   | 12 04 | 1 54 36.5   | 21 26 48 | -20 40 |           |          |       | 641013 |

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| 30193  | SACRAMENTO, CAL.      | 8517   | 12 04 | 1 54 53.5   | 21 56 06 | -22 32 | 197 00 00 | 36 07 46 |       | 641013 |
| 30188  | CHINA LAKE, CAL.      | 0098   | 12 04 | 1 55 44.3   |          |        |           |          |       | 641303 |
| 10943  | WOOMERA*BN, AUSTR.    | 9003   | 12 04 | 15 27 12.77 | 7 06 30  | -11 32 |           |          |       | 434013 |
| 10944  | WOOMERA*BN, AUSTR.    | 9003   | 12 04 | 17 46 32.34 | 7 37 12  | -36 12 |           |          |       | 434023 |
| 30189  | CHINA LAKE, CAL.      | 8588   | 12 05 | 1 44 18.7   |          |        | 197 40 46 | 35 36 36 |       | 645503 |
| 10949  | WOOMERA*BN, AUSTR.    | 9003   | 12 05 | 15 15 23.62 | 7 01 42  | -12 22 |           |          |       | 434013 |
| 10950  | WOOMERA*BN, AUSTR.    | 9003   | 12 05 | 17 34 32.12 | 7 32 12  | -36 54 |           |          |       | 434023 |
| 10953  | ORGAN PASS*BN, N.M.   | 9001   | 12 06 | 1 35 19.60  | 21 44 48 | -23 21 |           |          |       | 434023 |
| 10954  | VILLA DOLORES*BN, ARG | 9011   | 12 06 | 6 29 45.01  | 5 57 30  | -29 10 |           |          |       | 434023 |
| 10955  | VILLA DOLORES*BN, ARG | 9011   | 12 06 | 6 34 07.27  | 8 47 30  | -33 48 |           |          |       | 434023 |
| 10957  | WOOMERA*BN, AUSTR.    | 9003   | 12 06 | 15 04 06.53 | 7 16 36  | -14 50 |           |          |       | 434013 |
| 10958  | WOOMERA*BN, AUSTR.    | 9003   | 12 06 | 17 22 21.76 | 7 19 00  | -37 25 |           |          |       | 434023 |
| 10956  | ORGAN PASS*BN, N.M.   | 9001   | 12 07 | 1 23 49.14  | 21 26 54 | -23 12 |           |          |       | 434023 |
| 30194  | PUEBLA, MEX.          | 0900   | 12 07 | 1 27 08.7   | 0 01 12  | -28 29 |           |          |       | 645013 |
| 10959  | VILLA DOLORES*BN, ARG | 9011   | 12 07 | 6 19 40.62  | 6 54 12  | -33 25 |           |          |       | 434023 |
| 10960  | WOOMERA*BN, AUSTR.    | 9003   | 12 07 | 17 10 34.03 | 7 20 42  | -38 11 |           |          |       | 434023 |
| 10962  | VILLA DOLORES*BN, ARG | 9011   | 12 08 | 6 07 48.97  | 7 00 18  | -34 48 |           |          |       | 434023 |
| 10961  | WOOMERA*BN, AUSTR.    | 9003   | 12 08 | 16 59 38.34 | 8 00 48  | -48 47 |           |          |       | 434023 |
| 10963  | WOOMERA*BN, AUSTR.    | 9003   | 12 09 | 16 46 35.64 | 7 03 30  | -39 22 |           |          |       | 434023 |
| 30195  | PUEBLA, MEX.          | 0900   | 12 10 | 0 53 17.2   | 23 58 00 | -1 23  |           |          |       | 645013 |
| 30196  | PUEBLA, MEX.          | 0900   | 12 10 | 0 53 26.3   | 0 22 48  | -4 51  |           |          |       | 645013 |
| 10969  | MAUI*BN, HAWAII       | 9012   | 12 11 | 5 02 37.51  | 21 51 00 | -31 21 |           |          |       | 434023 |
| 10964  | WOOMERA*BN, AUSTR.    | 9003   | 12 11 | 16 22 57.95 | 8 58 30  | -40 34 |           |          |       | 434023 |
| 10965  | WOOMERA*BN, AUSTR.    | 9003   | 12 11 | 18 44 08.15 | 8 54 18  | -26 22 |           |          |       | 434023 |
| 10966  | OLIFANTSFNTN*BN, S.AF | 9002   | 12 11 | 22 48 44.52 | 5 35 48  | -54 54 |           |          |       | 434023 |
| 10968  | VILLA DOLORES*BN, ARG | 9011   | 12 12 | 5 20 11.63  | 6 28 42  | -37 15 |           |          |       | 434023 |
| 10967  | WOOMERA*BN, AUSTR.    | 9003   | 12 12 | 18 32 19.63 | 8 55 36  | -24 32 |           |          |       | 434023 |
| 10970  | AREQUIPA*BN, PERU     | 9007   | 12 13 | 5 05 42.46  | 4 00 06  | -76 14 |           |          |       | 434023 |
| 10971  | AREQUIPA*BN, PERU     | 9007   | 12 13 | 7 28 05.51  | 9 24 06  | -60 46 |           |          |       | 434023 |
| 10972  | OLIFANTSFNTN*BN, S.AF | 9002   | 12 13 | 22 25 34.49 | 5 47 06  | -58 56 |           |          |       | 434023 |
| 10973  | OLIFANTSFNTN*BN, S.AF | 9002   | 12 14 | 0 46 21.91  | 8 35 00  | -44 00 |           |          |       | 434023 |
| 10975  | VILLA DOLORES*BN, ARG | 9011   | 12 14 | 7 10 18.45  | 5 59 54  | -24 34 |           |          |       | 434023 |
| 10976  | VILLA DOLORES*BN, ARG | 9011   | 12 14 | 7 26 13.38  | 11 44 42 | -2 37  |           |          |       | 434013 |
| 10974  | CURACAO*BN, N.W.I.    | 9009   | 12 14 | 9 49 29.27  | 13 00 18 | -34 17 |           |          |       | 434023 |
| 10980  | WOOMERA*BN, AUSTR.    | 9003   | 12 14 | 15 47 19.17 | 6 25 24  | -42 21 |           |          |       | 434023 |
| 10979  | WOOMERA*BN, AUSTR.    | 9003   | 12 14 | 18 07 53.49 | 8 39 24  | -22 34 |           |          |       | 434013 |
| 10977  | OLIFANTSFNTN*BN, S.AF | 9002   | 12 14 | 22 13 29.05 | 4 53 24  | -60 31 |           |          |       | 434023 |
| 10978  | OLIFANTSFNTN*BN, S.AF | 9002   | 12 15 | 0 33 44.74  | 7 53 48  | -45 32 |           |          |       | 434023 |
| 10981  | VILLA DOLORES*BN, ARG | 9011   | 12 15 | 4 45 46.54  | 7 12 48  | -38 10 |           |          |       | 434023 |
| 10982  | WOOMERA*BN, AUSTR.    | 9003   | 12 15 | 15 35 32.53 | 6 17 00  | -42 56 |           |          |       | 434023 |
| 10983  | WOOMERA*BN, AUSTR.    | 9003   | 12 15 | 17 56 57.62 | 8 56 48  | -18 00 |           |          |       | 434013 |
| 10996  | VILLA DOLORES*BN, ARG | 9011   | 12 16 | 4 31 52.52  | 4 05 36  | -36 49 |           |          |       | 434023 |
| 10997  | VILLA DOLORES*BN, ARG | 9011   | 12 16 | 4 36 42.52  | 9 19 36  | -28 11 |           |          |       | 434023 |
| 10984  | AREQUIPA*BN, PERU     | 9007   | 12 16 | 9 14 39.09  | 9 58 42  | -21 49 |           |          |       | 434013 |
| 10989  | WOOMERA*BN, AUSTR.    | 9003   | 12 16 | 15 23 46.23 | 6 07 00  | -43 27 |           |          |       | 434023 |
| 10988  | WOOMERA*BN, AUSTR.    | 9003   | 12 16 | 17 44 09.92 | 8 21 00  | -18 37 |           |          |       | 434013 |
| 10998  | VILLA DOLORES*BN, ARG | 9011   | 12 17 | 6 41 41.31  | 8 19 18  | -19 20 |           |          |       | 434013 |
| 10987  | WOOMERA*BN, AUSTR.    | 9003   | 12 17 | 15 12 44.23 | 6 59 54  | -42 15 |           |          |       | 434023 |
| 10999  | MAUI*BN, HAWAII       | 9012   | 12 17 | 15 48 52.01 | 13 03 30 | -24 17 |           |          |       | 434023 |
| 10986  | WOOMERA*BN, AUSTR.    | 9003   | 12 17 | 17 33 46.59 | 9 07 18  | -11 40 |           |          |       | 434013 |
| 10990  | AREQUIPA*BN, PERU     | 9007   | 12 18 | 1 48 05.03  | 22 04 54 | -48 25 |           |          |       | 434023 |
| 10991  | AREQUIPA*BN, PERU     | 9007   | 12 18 | 8 51 05.32  | 9 59 06  | -16 34 |           |          |       | 434013 |
| 10995  | CURACAO*BN, N.W.I.    | 9009   | 12 18 | 8 59 57.41  | 12 24 18 | -31 13 |           |          |       | 434023 |
| 10985  | OLIFANTSFNTN*BN, S.AF | 9002   | 12 18 | 23 46 06.10 | 7 11 42  | -44 50 |           |          |       | 434023 |
| 10992  | AREQUIPA*BN, PERU     | 9007   | 12 19 | 1 37 25.83  | 22 24 30 | -67 03 |           |          |       | 434023 |
| 11000  | VILLA DOLORES*BN, ARG | 9011   | 12 19 | 6 15 25.74  | 5 59 24  | -22 29 |           |          |       | 434013 |
| 10993  | AREQUIPA*BN, PERU     | 9007   | 12 19 | 6 16 46.03  | 9 11 36  | -61 35 |           |          |       | 434023 |
| 11001  | VILLA DOLORES*BN, ARG | 9011   | 12 19 | 6 19 43.29  | 9 10 12  | -9 04  |           |          |       | 434013 |
| 10994  | AREQUIPA*BN, PERU     | 9007   | 12 19 | 8 38 44.48  | 9 43 00  | -14 29 |           |          |       | 434013 |
| 11002  | WOOMERA*BN, AUSTR.    | 9003   | 12 19 | 14 49 46.56 | 7 27 48  | -39 59 |           |          |       | 434023 |
| 11003  | WOOMERA*BN, AUSTR.    | 9003   | 12 19 | 17 08 00.57 | 7 36 18  | -13 50 |           |          |       | 434013 |
| 11012  | VILLA DOLORES*BN, ARG | 9011   | 12 20 | 1 29 03.08  | 4 02 36  | -6 04  |           |          |       | 434013 |
| 11013  | VILLA DOLORES*BN, ARG | 9011   | 12 20 | 6 04 25.21  | 6 31 54  | -18 51 |           |          |       | 434013 |
| 11005  | AREQUIPA*BN, PERU     | 9007   | 12 20 | 6 04 59.14  | 9 10 36  | -61 36 |           |          |       | 434023 |
| 11014  | VILLA DOLORES*BN, ARG | 9011   | 12 20 | 6 08 27.57  | 9 22 06  | -4 39  |           |          |       | 434013 |
| 11006  | AREQUIPA*BN, PERU     | 9007   | 12 20 | 8 23 59.36  | 8 13 12  | -23 10 |           |          |       | 434023 |
| 11004  | CURACAO*BN, N.W.I.    | 9009   | 12 20 | 8 33 37.64  | 11 41 00 | -35 30 |           |          |       | 434023 |
| 11009  | JUPITER*BN, FLA.      | 9010   | 12 20 | 10 55 29.25 | 12 24 42 | -21 01 |           |          |       | 434013 |
| 11010  | JUPITER*BN, FLA.      | 9010   | 12 20 | 10 58 05.58 | 13 00 36 | -14 46 |           |          |       | 434013 |
| 11011  | JUPITER*BN, FLA.      | 9010   | 12 20 | 11 01 59.30 | 13 53 12 | -5 50  |           |          |       | 434013 |
| 11016  | MAUI*BN, HAWAII       | 9012   | 12 20 | 15 17 37.82 | 13 51 48 | -6 05  |           |          |       | 434013 |
| 11017  | VILLA DOLORES*BN, ARG | 9011   | 12 21 | 5 53 14.56  | 6 55 18  | -14 42 |           |          |       | 434013 |
| 11008  | AREQUIPA*BN, PERU     | 9007   | 12 21 | 8 12 44.38  | 8 25 42  | -18 24 |           |          |       | 434013 |
| 11007  | CURACAO*BN, N.W.I.    | 9009   | 12 21 | 8 22 28.18  | 11 49 54 | -31 18 |           |          |       | 434023 |
| 11021  | ORGAN PASS*BN, N.M.   | 9001   | 12 21 | 13 00 55.54 | 13 31 18 | -7 33  |           |          |       | 434013 |
| 11020  | MAUI*BN, HAWAII       | 9012   | 12 21 | 14 58 54.69 | 12 20 12 | -21 50 |           |          |       | 434013 |
| 11022  | NAINI TAL*BN, INDIA   | 9006   | 12 21 | 23 43 15.23 | 12 50 12 | -17 21 |           |          |       | 434013 |
| 11018  | SAN FERNANDO*BN, SP.  | 9004   | 12 22 | 6 18 35.60  | 13 04 42 | -12 08 |           |          |       | 434013 |

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| 11019  | CURACAO*BN, N.W.I.   | 9009   | 12 22 | 8 10 39.35  | 11 47 48 | -29 09 |         |          |       | 434023 |
| 11025  | MAUI*BN, HAWAII      | 9012   | 12 22 | 14 46 42.56 | 12 15 36 | -20 26 |         |          |       | 434013 |
| 11023  | WOOMERA*BN, AUSTR.   | 9003   | 12 22 | 16 32 20.44 | 7 08 30  | -5 39  |         |          |       | 434013 |
| 11026  | OLIFANTS*BN,S.AF     | 9002   | 12 22 | 18 23 06.93 | 1 00 30  | -48 15 |         |          |       | 434023 |
| 11027  | OLIFANTS*BN,S.AF     | 9002   | 12 23 | 1 18 23.22  | 7 30 54  | 5 35   |         |          |       | 434013 |
| 11034  | SHIRAZ*BN, IRAN      | 9008   | 12 23 | 1 43 54.95  | 12 58 30 | -9 52  |         |          |       | 434013 |
| 11024  | SAN FERNANDO*BN, SP. | 9004   | 12 23 | 6 10 17.70  | 15 53 54 | -3 07  |         |          |       | 434013 |
| 11036  | JUPITER*BN, FLA.     | 9010   | 12 23 | 10 19 16.73 | 12 12 24 | -15 48 |         |          |       | 434013 |
| 11037  | JUPITER*BN, FLA.     | 9010   | 12 23 | 10 21 50.47 | 12 46 42 | -5 00  |         |          |       | 434013 |
| 11030  | MAUI*BN, HAWAII      | 9012   | 12 23 | 14 33 50.78 | 11 59 12 | -21 20 |         |          |       | 434013 |
| 11038  | VILLA DOLORES*BN,ARG | 9011   | 12 24 | 0 44 06.66  | 5 56 48  | -18 18 |         |          |       | 434013 |
| 11045  | OLIFANTS*BN,S.AF     | 9002   | 12 24 | 1 07 02.71  | 7 36 36  | 10 50  |         |          |       | 434013 |
| 11031  | SAN FERNANDO*BN, SP. | 9004   | 12 24 | 5 57 31.20  | 15 41 54 | -2 45  |         |          |       | 434013 |
| 11040  | VILLA DOLORES*BN,ARG | 9011   | 12 24 | 7 37 21.69  | 7 52 54  | 22 12  |         |          |       | 434013 |
| 11033  | AREQUIPA*BN, PERU    | 9007   | 12 24 | 7 38 03.64  | 8 31 24  | -5 27  |         |          |       | 434013 |
| 11042  | MAUI*BN, HAWAII      | 9012   | 12 24 | 14 21 50.99 | 11 55 00 | -19 40 |         |          |       | 434013 |
| 11041  | VILLA DOLORES*BN,ARG | 9011   | 12 26 | 0 20 17.65  | 5 55 36  | -21 29 |         |          |       | 434013 |
| 11032  | TOKYO*BN, JAPAN      | 9005   | 12 26 | 20 42 31.20 | 12 37 30 | 5 29   |         |          |       | 434013 |
| 11049  | SHIRAZ*BN, IRAN      | 9008   | 12 27 | 0 52 23.68  | 11 54 36 | -11 46 |         |          |       | 434013 |
| 11043  | WOOMERA*BN, AUSTR.   | 9003   | 12 27 | 10 58 34.00 | 1 05 00  | -40 39 |         |          |       | 434023 |
| 11050  | SHIRAZ*BN, IRAN      | 9008   | 12 28 | 0 41 19.40  | 12 10 42 | -7 30  |         |          |       | 434013 |
| 11047  | SAN FERNANDO*BN, SP. | 9004   | 12 28 | 5 04 26.00  | 12 20 42 | -6 47  |         |          |       | 434013 |
| 11044  | CURACAO*BN, N.W.I.   | 9009   | 12 28 | 6 59 12.93  | 11 23 24 | -18 48 |         |          |       | 434013 |
| 30198  | N. CANTON, OHIO      | 8559   | 12 28 | 11 41 48.00 | 12 37 55 | 4 14   |         |          |       | 845014 |
| 11054  | MAINI TAL*BN, INDIA  | 9006   | 12 29 | 0 38 04.40  | 12 04 24 | 17 22  |         |          |       | 434013 |
| 11051  | JUPITER*BN, FLA.     | 9010   | 12 29 | 9 04 03.86  | 10 52 00 | -16 22 |         |          |       | 434013 |
| 11056  | CURACAO*BN, N.W.I.   | 9009   | 12 29 | 9 05 01.52  | 9 42 54  | 14 51  |         |          |       | 434013 |
| 11052  | JUPITER*BN, FLA.     | 9010   | 12 29 | 9 07 36.22  | 11 58 48 | -4 27  |         |          |       | 434013 |
| 11053  | JUPITER*BN, FLA.     | 9010   | 12 29 | 9 14 19.46  | 15 47 24 | 11 40  |         |          |       | 434013 |
| 11055  | MAUI*BN, HAWAII      | 9012   | 12 29 | 15 45 25.04 | 12 24 48 | 31 10  |         |          |       | 434013 |
| 11061  | TOKYO*BN, JAPAN      | 9005   | 12 29 | 20 04 56.80 | 12 02 24 | 4 39   |         |          |       | 434013 |
| 11057  | SAN FERNANDO*BN, SP. | 9004   | 12 30 | 4 40 24.10  | 12 16 18 | -4 05  |         |          |       | 434013 |
| 11060  | CURACAO*BN, N.W.I.   | 9009   | 12 30 | 8 54 53.16  | 10 20 48 | 24 44  |         |          |       | 434013 |
| 11062  | TOKYO*BN, JAPAN      | 9005   | 12 30 | 19 56 17.60 | 13 11 30 | 13 26  |         |          |       | 434013 |
| 11058  | SHIRAZ*BN, IRAN      | 9008   | 12 31 | 0 03 52.73  | 11 31 12 | -7 31  |         |          |       | 434013 |
| 11059  | SHIRAZ*BN, IRAN      | 9008   | 12 31 | 2 27 32.13  | 12 45 30 | 18 11  |         |          |       | 434013 |
| 30199  | CINCINNATI, OHIO     | 0050   | 12 31 | 11 05 07.2  | 12 50 48 | 9 14   |         |          |       | 845004 |
| 11063  | TOKYO*BN, JAPAN      | 9005   | 12 31 | 19 42 01.70 | 12 28 36 | 10 45  |         |          |       | 434013 |
| 11064  | SHIRAZ*BN, IRAN      | 9008   | 12 31 | 23 51 56.50 | 11 28 06 | -7 56  |         |          |       | 434013 |

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| 10801  | AREQUIPA*BN, PERU  | 9007   | 7 01 | 7 21 26.60  | 22 50 24 | -41 06 |         |          |       | 434023 |
| 10802  | AREQUIPA*BN, PERU  | 9007   | 7 01 | 9 43 17.91  | 22 57 42 | -7 55  |         |          |       | 434013 |
| 10800  | OLIFANTS*BN,S.AF   | 9002   | 7 27 | 17 28 44.67 | 14 44 06 | -34 56 |         |          |       | 434023 |
| 10210  | OLIFANTS*BN,S.AF   | 9002   | 7 30 | 16 57 16.60 | 14 06 30 | -28 05 |         |          |       | 434023 |
| 10211  | OLIFANTS*BN,S.AF   | 9002   | 7 30 | 19 17 19.60 | 15 42 30 | 18 41  |         |          |       | 434013 |
| 10803  | CURACAO*BN, N.W.I. | 9009   | 7 31 | 6 49 23.00  | 22 10 48 | 57 02  |         |          |       | 434013 |
| 50001  | AIKEN, S.C.        | 6023   | 8 28 | 1 34 16.7   | 18 52 21 | 32 44  |         |          |       | 634042 |
| 50002  | AIKEN, S.C.        | 6023   | 8 29 | 1 23 31.8   | 18 25 38 | 32 24  |         |          |       | 634042 |
| 10804  | WOOMERA*BN, AUSTR. | 9003   | 8 31 | 19 24 00.85 | 5 14 48  | -25 12 |         |          |       | 434023 |

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| 01826  | VILLA DOLORES*BN,ARG | 9011   | 6 30 | 7 31 43.14  | 21 45 42 | -17 20 |         |          |       | 434013 |
| 10132  | MAINI TAL*BN, INDIA  | 9006   | 7 21 | 19 15 30.47 | 23 21 24 | -8 20  |         |          |       | 434013 |
| 10372  | JUPITER*BN, FLA.     | 9010   | 8 18 | 1 02 20.09  | 17 49 42 | 19 49  |         |          |       | 434013 |
| 10416  | SHIRAZ*BN, IRAN      | 9008   | 8 21 | 18 00 45.95 | 19 29 48 | 43 56  |         |          |       | 434013 |

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| 30119  | N. CANTON, OHIO       | 8584   | 9 01 | 1 17 15.5   | 18 24 36 | 17 41  |           |          |       | 845033 |
| 30120  | WICHITA, KAN.         | 0028   | 9 01 | 3 00 59.3   | 7 12 37  | 88 25  |           |          |       | 845043 |
| 10140  | CURACAO*BN, N.W.I.    | 9009   | 9 01 | 8 30 14.57  | 4 20 54  | 36 50  |           |          |       | 434013 |
| 10141  | MAUI*BN, HAWAII       | 9012   | 9 01 | 15 16 04.86 | 0 02 18  | -25 38 |           |          |       | 434023 |
| 10138  | SAN FERNANDO*BN, SP.  | 9004   | 9 01 | 21 35 28.40 | 11 39 12 | 62 18  |           |          |       | 434013 |
| 30121  | MAOISON, WISC.        | 0148   | 9 02 | 2 39 59.05  | 1 20 00  | 64 30  |           |          |       | 845042 |
| 10143  | SAN FERNANDO*BN, SP.  | 9004   | 9 02 | 21 11 54.20 | 11 24 06 | 62 36  |           |          |       | 434013 |
| 30122  | ROCHESTER, N.Y.       | 8564   | 9 03 | 2 17 28.4   | 12 30    | 79 39  |           |          |       | 845033 |
| 10142  | OLIFANTSFTN*BN,S.AF   | 9002   | 9 03 | 2 51 59.70  | 6 29 42  | 19 14  |           |          |       | 434013 |
| 10148  | CURACAO*BN, N.W.I.    | 9009   | 9 03 | 9 30 45.36  | 0 31 00  | -49 10 |           |          |       | 434023 |
| 10144  | SAN FERNANDO*BN, SP.  | 9004   | 9 03 | 20 48 34.80 | 10 38 30 | 66 24  |           |          |       | 434013 |
| 10147  | AREQUIPA*BN, PERU     | 9007   | 9 04 | 9 11 18.91  | 4 52 42  | 9 42   |           |          |       | 434013 |
| 10149  | VILLA DOLORES*BN, ARG | 9011   | 9 04 | 9 14 30.36  | 4 58 00  | 25 58  |           |          |       | 434013 |
| 10145  | SAN FERNANDO*BN, SP.  | 9004   | 9 04 | 20 25 19.60 | 9 28 18  | 70 32  |           |          |       | 434013 |
| 30123  | DENVER, COLO.         | 8582   | 9 05 | 3 11 53.0   |          |        | 343 15 00 | 27 15 00 |       | 845033 |
| 10150  | VILLA DOLORES*BN, ARG | 9011   | 9 05 | 8 51 09.62  | 5 01 24  | 24 06  |           |          |       | 434013 |
| 50084  | BLAGOVESTCHENSK, USSR | 1010   | 9 05 | 11 37 43.2  | 19 37 00 | 30 18  |           |          |       | 845009 |
| 50085  | BLAGOVESTCHENSK, USSR | 1010   | 9 05 | 11 38 51.0  | 24 42 00 | 29 42  |           |          |       | 845009 |
| 10146  | SAN FERNANDO*BN, SP.  | 9004   | 9 05 | 20 01 02.80 | 10 55 36 | 61 48  |           |          |       | 434013 |
| 30124  | ROCHESTER, N.Y.       | 8564   | 9 06 | 1 06 41.8   | 12 53 00 | 78 59  |           |          |       | 845033 |
| 30125  | DENVER, COLO.         | 8582   | 9 06 | 2 48 01.0   |          |        | 342 30    | 28 15 00 |       | 845033 |
| 10151  | VILLA DOLORES*BN, ARG | 9011   | 9 06 | 8 27 55.28  | 5 17 54  | 17 58  |           |          |       | 434013 |
| 30126  | ROCHESTER, N.Y.       | 8564   | 9 07 | 0 43 26.9   | 7 42     | 88 43  |           |          |       | 845034 |
| 10152  | VILLA DOLORES*BN, ARG | 9011   | 9 07 | 8 04 31.38  | 5 17 06  | 17 35  |           |          |       | 434013 |
| 50052  | DNEPROPETROVSK, USSR  | 1017   | 9 07 | 17 37 43.4  | 22 02 30 | 61 06  |           |          |       | 845009 |
| 50054  | STALINGRAD, USSR      | 1048   | 9 07 | 17 38 42.7  | 20 40 00 | 69 00  |           |          |       | 845009 |
| 50055  | STALINGRAD, USSR      | 1048   | 9 07 | 17 38 47.0  | 20 33 00 | 68 48  |           |          |       | 845009 |
| 50053  | DNEPROPETROVSK, USSR  | 1017   | 9 07 | 17 38 52.3  | 0 35 00  | 35 00  |           |          |       | 845009 |
| 50237  | POTSDAM, GER.         | 2729   | 9 07 | 19 18 49.0  | 19 12 00 | 26 13  |           |          |       | 834049 |
| 50087  | BRATISLAVA*P, CZECH.  | 5702   | 9 07 | 19 19 25.3  | 18 21 58 | 72 42  |           |          |       | 634042 |
| 50238  | POTSDAM, GER.         | 2729   | 9 07 | 19 20 00.1  | 22 17 12 | 23 24  |           |          |       | 834049 |
| 50088  | BRATISLAVA, CZECH.    | 5702   | 9 07 | 19 20 31.5  | 0 22 23  | 52 46  |           |          |       | 634042 |
| 10153  | WOOLHERA*BN, AUSTR.   | 9003   | 9 07 | 19 56 48.62 | 2 28 12  | -37 59 |           |          |       | 434023 |
| 10154  | VILLA DOLORES*BN, ARG | 9011   | 9 08 | 7 41 30.79  | 5 26 18  | 13 48  |           |          |       | 434013 |
| 10155  | VILLA DOLORES*BN, ARG | 9011   | 9 08 | 9 27 29.03  | 2 23 18  | -51 58 |           |          |       | 434023 |
| 50112  | DNEPROPETROVSK, USSR  | 1017   | 9 08 | 17 14 02.3  | 22 06 30 | 59 00  |           |          |       | 845009 |
| 50239  | POTSDAM, GER.         | 2729   | 9 08 | 18 55 18.2  | 19 07 30 | 26 08  |           |          |       | 834049 |
| 50089  | BRATISLAVA, CZECH.    | 5702   | 9 08 | 18 55 49.5  | 17 42 51 | 72 10  |           |          |       | 634042 |
| 50240  | POTSDAM, GER.         | 2729   | 9 08 | 18 56 19.7  | 21 52 00 | 23 14  |           |          |       | 834049 |
| 50241  | POTSDAM, GER.         | 2729   | 9 08 | 18 57 19.9  | 23 18 36 | 16 22  |           |          |       | 834049 |
| 50090  | BRATISLAVA*P, CZECH.  | 5702   | 9 08 | 18 57 32.0  | 0 38 09  | 40 12  |           |          |       | 634042 |
| 50049  | LAREDO*RADAR, TEX.    | 4012   | 9 08 | 22 02 10.5  |          |        | 167 24    | 33 18    | 1.80  | 845037 |
| 50091  | BRATISLAVA*P, CZECH.  | 5702   | 9 09 | 18 32 19.0  | 18 21 58 | 72 32  |           |          |       | 634042 |
| 50107  | TCHERNOVITSY, USSR    | 1062   | 9 09 | 18 33 08.4  | 20 27 30 | 70 18  |           |          |       | 845009 |
| 50392  | BRATISLAVA*P, CZECH.  | 5702   | 9 09 | 18 33 25.2  | 23 39 30 | 52 12  |           |          |       | 634042 |
| 50050  | LAREDO*RADAR, TEX.    | 4012   | 9 09 | 21 38 36.0  |          |        | 164 54 00 | 34 06 00 | 1.237 | 845037 |
| 50110  | BLAGOVESTCHENSK, USSR | 1010   | 9 10 | 11 26 47.1  | 23 17 00 | 31 00  |           |          |       | 845009 |
| 50111  | BLAGOVESTCHENSK, USSR | 1010   | 9 10 | 11 27 25.7  | 23 55 00 | 22 30  |           |          |       | 845009 |
| 50102  | KIEV, USSR            | 1070   | 9 10 | 18 10 40.7  | 17 37 24 | 37 06  |           |          |       | 845009 |
| 50103  | KIEV, USSR            | 1070   | 9 10 | 18 10 43.2  | 17 45 48 | 37 30  |           |          |       | 845009 |
| 50104  | KIEV, USSR            | 1023   | 9 10 | 18 11 07.3  | 19 33 42 | 47 54  |           |          |       | 845009 |
| 50108  | TCHERNOVITSY, USSR    | 1062   | 9 10 | 18 11 13.8  | 18 02 00 | 72 48  |           |          |       | 845009 |
| 50105  | KHARKOV, USSR         | 1060   | 9 10 | 18 12 07.6  | 19 54 06 | 46 30  |           |          |       | 845009 |
| 50099  | DNEPROPETROVSK, USSR  | 1017   | 9 10 | 18 12 09.5  | 21 17    | 62 00  |           |          |       | 845009 |
| 50100  | DNEPROPETROVSK, USSR  | 1017   | 9 10 | 18 12 16.1  | 21 49    | 59 36  |           |          |       | 845009 |
| 50106  | KHARKOV, USSR         | 1060   | 9 10 | 18 12 28.4  | 21 15 00 | 42 30  |           |          |       | 845009 |
| 50101  | DNEPROPETROVSK, USSR  | 1017   | 9 10 | 18 12 29.9  | 22 39    | 53 54  |           |          |       | 845009 |
| 50109  | TCHERNOVITSY, USSR    | 1062   | 9 10 | 18 13 13.3  | 0 27 30  | 32 30  |           |          |       | 845009 |
| 10157  | WOOLHERA*BN, AUSTR.   | 9003   | 9 10 | 18 46 14.15 | 2 30 06  | -42 09 |           |          |       | 434023 |
| 50051  | LAREDO*RADAR, TEX.    | 4012   | 9 10 | 23 01 00.5  |          |        | 197 48    | 23 34    | 1.333 | 845037 |
| 30127  | ST. LOUIS, MO.        | 0140   | 9 11 | 2 38 17.9   | 7 54 30  | 70 00  |           |          |       | 845034 |
| 10156  | OLIFANTSFTN*BN,S.AF   | 9002   | 9 11 | 3 15 12.50  | 21 58 00 | -50 07 |           |          |       | 434023 |
| 30128  | SACRAMENTO, CAL.      | 8517   | 9 11 | 4 18 30.6   |          |        | 0 00      | 17 06    |       | 641304 |
| 50242  | POTSDAM, GER.         | 2729   | 9 11 | 19 29 14.3  | 17 16 12 | 21 59  |           |          |       | 834049 |
| 50243  | POTSDAM, GER.         | 2729   | 9 11 | 19 30 15.2  | 19 57 24 | 19 26  |           |          |       | 834049 |
| 50244  | POTSDAM, GER.         | 2729   | 9 11 | 19 31 14.2  | 22 02 48 | 10 02  |           |          |       | 834049 |
| 30129  | ST. LOUIS, MO.        | 0140   | 9 12 | 2 14 44.7   | 7 34 30  | 69 58  |           |          |       | 845032 |
| 10158  | OLIFANTSFTN*BN,S.AF   | 9002   | 9 12 | 2 51 24.20  | 21 43 06 | -59 20 |           |          |       | 434023 |
| 30131  | SACRAMENTO, CAL.      | 8517   | 9 12 | 3 54 54.1   |          |        | 0 00      | 17 06    |       | 641304 |
| 50086  | SPOKANE, WASH.        | 8142   | 9 12 | 3 55 41.3   |          |        | 0         | 63 16 14 |       | 845032 |
| 50245  | POTSDAM, GER.         | 2729   | 9 12 | 19 05 56.9  | 17 43 06 | 23 10  |           |          |       | 834049 |
| 50246  | POTSDAM, GER.         | 2729   | 9 12 | 19 06 49.8  | 20 08 36 | 19 02  |           |          |       | 834049 |
| 50247  | POTSDAM, GER.         | 2729   | 9 12 | 19 07 25.5  | 21 24 34 | 13 28  |           |          |       | 834049 |
| 30132  | SACRAMENTO, CAL.      | 8517   | 9 13 | 3 31 17.7   |          |        | 0 00      | 17 07    |       | 641304 |
| 50093  | BRATISLAVA*P, CZECH.  | 5702   | 9 13 | 18 43 40.1  | 19 17 24 | 60 02  |           |          |       | 634042 |
| 50094  | BRATISLAVA*P, CZECH.  | 5702   | 9 13 | 18 45 22.3  | 23 28 36 | 22 28  |           |          |       | 634042 |
| 30130  | ST. LOUIS, MO.        | 0140   | 9 14 | 1 27 30.5   | 6 52 42  | 69 42  |           |          |       | 845032 |
| 50095  | BRATISLAVA*P, CZECH.  | 5702   | 9 14 | 18 20 08.7  | 19 32 30 | 59 24  |           |          |       | 634042 |
| 50113  | UJGOROD, USSR         | 1055   | 9 14 | 18 21 10.6  | 19 55 00 | 42 00  |           |          |       | 845009 |
| 30151  | DAYTON, OHIO          | 8557   | 9 15 | 1 05 37.6   |          |        | 14 12     | 24 08    |       | 845033 |

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| 30133  | N. CANTON, OHIO       | 8565   | 9 15  | 1 06 07.0   | 3 20 30  | 73 04  |           |          |       | 845042 |
| 30134  | ROCHESTER, N.Y.       | 8564   | 9 15  | 1 06 17.4   | 20 22 36 | 87 42  |           |          |       | 845043 |
| 30135  | ROCHESTER, N.Y.       | 8564   | 9 15  | 1 06 24.3   | 22 27 42 | 84 42  |           |          |       | 845043 |
| 30136  | ROCHESTER, N.Y.       | 8564   | 9 15  | 1 06 38.4   | 23 24 42 | 76 46  |           |          |       | 845044 |
| 30139  | SACRAMENTO, CAL.      | 8517   | 9 15  | 4 30 05.3   |          |        | 0 00      | 30 28    |       | 641304 |
| 30137  | DENVER, COLO.         | 8582   | 9 16  | 2 24 13.75  |          |        | 17 48     | 27 12    |       | 845303 |
| 30140  | SACRAMENTO, CAL.      | 8517   | 9 16  | 4 06 26.5   |          |        | 0 00      | 30 02    |       | 641304 |
| 50057  | BLAGOVESHCHENSK, USSR | 1010   | 9 16  | 10 49 49.7  | 18 54 00 | 27 48  |           |          |       | 845009 |
| 50058  | BLAGOVESHCHENSK, USSR | 1010   | 9 16  | 10 51 46.1  | 22 28 00 | -0 06  |           |          |       | 845009 |
| 50062  | KIEV, USSR            | 1023   | 9 16  | 17 34 57.6  | 18 23 12 | 14 48  |           |          |       | 845009 |
| 50056  | ODESSA, USSR          | 1036   | 9 16  | 17 35 22.2  | 18 24 24 | 47 24  |           |          |       | 845009 |
| 50060  | DNEPROPETROVSK, USSR  | 1017   | 9 16  | 17 35 44.2  | 18 06 00 | 20 48  |           |          |       | 845009 |
| 50063  | KIEV, USSR            | 1023   | 9 16  | 17 35 45.1  | 19 47 30 | 9 42   |           |          |       | 845009 |
| 50061  | DNEPROPETROVSK, USSR  | 1017   | 9 16  | 17 36 56.7  | 20 23 12 | 4 12   |           |          |       | 845009 |
| 50059  | KRASNODAR, USSR       | 1027   | 9 16  | 17 45 14.6  | 19 04    | -16 30 |           |          |       | 845009 |
| 30143  | ROCHESTER, N.Y.       | 8564   | 9 17  | 0 19 12.6   | 23 55 30 | 62 37  |           |          |       | 845043 |
| 30141  | SACRAMENTO, CAL.      | 8517   | 9 17  | 3 42 47.2   |          |        | 0 00      | 29 06    |       | 641304 |
| 30142  | SACRAMENTO, CAL.      | 8517   | 9 18  | 3 19 07.4   |          |        | 0 00      | 28 31    |       | 641304 |
| 30138  | DENVER, COLO.         | 8582   | 9 18  | 3 21 23.4   |          |        | 298 24    | 51 00    |       | 845303 |
| 50066  | DNEPROPETROVSK, USSR  | 1017   | 9 18  | 16 48 44.4  | 18 21 30 | 21 42  |           |          |       | 845009 |
| 50067  | DNEPROPETROVSK, USSR  | 1017   | 9 18  | 16 50 05.2  | 21 01 30 | 2 48   |           |          |       | 845009 |
| 50064  | EREVAN, USSR          | 1018   | 9 18  | 16 51 21.5  | 20 39 48 | 54 06  |           |          |       | 845009 |
| 50065  | EREVAN, USSR          | 1018   | 9 18  | 16 51 42.4  | 21 37 42 | 43 06  |           |          |       | 845009 |
| 10159  | SAN FERNANDO BN, SP.  | 9004   | 9 18  | 20 14 09.60 | 23 13 42 | 70 34  |           |          |       | 434013 |
| 30144  | TERRE HAUTE, IND.     | 8127   | 9 19  | 1 16 09.4   |          |        | 0 30      | 48 23    |       | 845303 |
| 30158  | MITAKA, JAPAN         | 0229   | 9 19  | 9 42 06.7   |          |        | 25 06     | 25 12    |       | 845303 |
| 10161  | TOKYO BN, JAPAN       | 9005   | 9 19  | 9 43 15.60  | 1 46 18  | 62 41  |           |          |       | 434013 |
| 10160  | SAN FERNANDO BN, SP.  | 9004   | 9 19  | 19 50 57.20 | 23 33 54 | 56 36  |           |          |       | 434013 |
| 30145  | DENVER, COLO.         | 8582   | 9 20  | 2 35 27.0   |          |        | 43 45 00  | 87 30    |       | 845303 |
| 50071  | EREVAN, USSR          | 1018   | 9 20  | 16 04 06.6  | 20 44 00 | 57 24  |           |          |       | 845009 |
| 50072  | EREVAN, USSR          | 1018   | 9 20  | 16 04 10.4  | 20 51 24 | 55 18  |           |          |       | 845009 |
| 10162  | SAN FERNANDO BN, SP.  | 9004   | 9 20  | 19 27 18.10 | 23 29 00 | 57 01  |           |          |       | 434013 |
| 30147  | DENVER, COLO.         | 8582   | 9 21  | 2 12 00.0   |          |        | 37 42     | 82 24    |       | 845303 |
| 50068  | LAREDO RADAR, TEX.    | 4012   | 9 21  | 3 39 27.0   |          |        | 256 06 00 | 20 48 00 | 1280  | 845307 |
| 10163  | NAINI TAL BN, INDIA   | 9006   | 9 21  | 14 02 39.73 | 0 23 30  | 56 17  |           |          |       | 434013 |
| 50070  | KRYM, USSR            | 1028   | 9 21  | 17 23 49.2  | 17 58 48 | -13 24 |           |          |       | 845009 |
| 30148  | ROCHESTER, N.Y.       | 8564   | 9 22  | 0 07 30.7   | 19 11 12 | 6 00   |           |          |       | 845043 |
| 30149  | ROCHESTER, N.Y.       | 8564   | 9 22  | 0 08 05.2   | 20 08 36 | -3 15  |           |          |       | 845043 |
| 30150  | ROCHESTER, N.Y.       | 8564   | 9 22  | 0 08 36.7   | 20 47 00 | -9 33  |           |          |       | 845043 |
| 30152  | DENVER, COLO.         | 8582   | 9 22  | 1 48 16.0   |          |        | 35 54     | 79 24    |       | 845303 |
| 30153  | CHINA LAKE, CAL.      | 0098   | 9 22  | 3 32 24.2   |          |        | 220 59 24 | 63 03 00 |       | 641303 |
| 50069  | LAREDO RADAR, TEX.    | 4012   | 9 22  | 3 35 48.0   |          |        | 257 18 00 | 22 12 00 | 1218  | 845307 |
| 30166  | MITAKA, JAPAN         | 0229   | 9 22  | 10 17 05.7  |          |        | 219 24    | 64 12    |       | 845303 |
| 10169  | TOKYO BN, JAPAN       | 9005   | 9 22  | 10 17 29.10 | 19 19 12 | 4 58   |           |          |       | 434013 |
| 10164  | NAINI TAL BN, INDIA   | 9006   | 9 22  | 13 38 43.36 | 0 25 36  | 63 02  |           |          |       | 434013 |
| 10165  | NAINI TAL BN, INDIA   | 9006   | 9 22  | 13 39 45.14 | 0 05 00  | 38 09  |           |          |       | 434013 |
| 50076  | ACHKHABAD, USSR       | 1006   | 9 22  | 15 13 16.2  | 14 10 30 | 42 12  |           |          |       | 845009 |
| 50077  | ACHKHABAD, USSR       | 1006   | 9 22  | 15 19 47.5  | 19 03 00 | 13 48  |           |          |       | 845009 |
| 50073  | LAREDO RADAR, TEX.    | 4012   | 9 22  | 18 16 21.5  |          |        | 263 42    | 52 06    | 1104  | 845307 |
| 50074  | LAREDO RADAR, TEX.    | 4012   | 9 23  | 1 26 21.0   |          |        | 0 48 00   | 22 30 00 | 1241  | 845307 |
| 50078  | ACHKHABAD, USSR       | 1006   | 9 23  | 14 56 08.8  | 19 00 42 | 17 36  |           |          |       | 845009 |
| 10166  | SAN FERNANDO BN, SP.  | 9004   | 9 23  | 20 01 53.90 | 17 28 36 | -13 55 |           |          |       | 434013 |
| 50075  | LAREDO RADAR, TEX.    | 4012   | 9 24  | 2 48 27.0   |          |        | 260 06 00 | 25 18 00 | 1122  | 845307 |
| 10172  | JUPITER BN, FLA.      | 9010   | 9 25  | 0 43 52.64  | 18 25 30 | 8 00   |           |          |       | 434013 |
| 10171  | JUPITER BN, FLA.      | 9010   | 9 25  | 0 44 04.29  | 18 48 48 | 2 23   |           |          |       | 434013 |
| 10170  | JUPITER BN, FLA.      | 9010   | 9 25  | 0 44 26.40  | 19 29 30 | -7 22  |           |          |       | 434013 |
| 30154  | DENVER, COLO.         | 8582   | 9 25  | 2 22 37.8   |          |        | 226 24    | 18 06    |       | 845303 |
| 10175  | SHIRAZ BN, IRAN       | 9008   | 9 25  | 15 55 30.94 | 16 29 24 | -29 09 |           |          |       | 434013 |
| 10167  | SAN FERNANDO BN, SP.  | 9004   | 9 25  | 19 14 19.90 | 16 42 42 | -6 30  |           |          |       | 434013 |
| 10168  | SAN FERNANDO BN, SP.  | 9004   | 9 25  | 19 14 49.90 | 17 27 42 | -14 44 |           |          |       | 434013 |
| 10173  | WOOMERA BN, AUSTR.    | 9003   | 9 26  | 19 33 59.94 | 18 29 00 | -84 04 |           |          |       | 434023 |
| 10174  | WOOMERA BN, AUSTR.    | 9003   | 9 26  | 19 36 20.44 | 10 21 48 | -62 41 |           |          |       | 434023 |
| 10176  | CURACAO BN, N.W.I.    | 9009   | 9 27  | 0 00 16.72  | 17 32 06 | 46 10  |           |          |       | 434013 |
| 10177  | CURACAO BN, N.W.I.    | 9009   | 9 27  | 0 00 42.02  | 18 39 54 | 35 35  |           |          |       | 434013 |
| 10178  | VILLA DOLORES BN, ARG | 9011   | 9 27  | 9 05 27.34  | 9 17 30  | -74 34 |           |          |       | 434023 |
| 10179  | VILLA DOLORES BN, ARG | 9011   | 9 27  | 9 08 18.08  | 9 44 42  | -32 03 |           |          |       | 434023 |
| 50079  | LAREDO RADAR, TEX.    | 4012   | 9 27  | 16 16 56.3  |          |        | 232 24 00 | 59 36 00 | 1112  | 845307 |
| 10180  | WOOMERA BN, AUSTR.    | 9003   | 9 27  | 19 12 05.29 | 10 24 48 | -68 17 |           |          |       | 434023 |
| 10181  | WOOMERA BN, AUSTR.    | 9003   | 9 27  | 19 13 27.12 | 10 03 12 | -49 53 |           |          |       | 434023 |
| 10182  | VILLA DOLORES BN, ARG | 9011   | 9 28  | 8 41 53.01  | 9 20 06  | -65 30 |           |          |       | 434023 |
| 50080  | LAREDO RADAR, TEX.    | 4012   | 9 28  | 15 53 31.5  |          |        | 225 30 00 | 60 00 00 | 1123  | 845307 |
| 10183  | WOOMERA BN, AUSTR.    | 9003   | 9 28  | 18 46 32.45 | 15 55 00 | -83 15 |           |          |       | 434023 |
| 10184  | WOOMERA BN, AUSTR.    | 9003   | 9 28  | 18 48 16.85 | 10 18 00 | -67 42 |           |          |       | 434023 |
| 10186  | VILLA DOLORES BN, ARG | 9011   | 9 29  | 8 15 29.22  | 22 18 00 | -75 10 |           |          |       | 434023 |
| 10187  | VILLA DOLORES BN, ARG | 9011   | 9 29  | 8 20 37.97  | 9 20 00  | -33 15 |           |          |       | 434023 |
| 10185  | WOOMERA BN, AUSTR.    | 9003   | 9 29  | 18 24 20.54 | 10 16 24 | -68 49 |           |          |       | 434023 |
| 10188  | VILLA DOLORES BN, ARG | 9011   | 9 30  | 7 53 44.58  | 9 40 06  | -77 40 |           |          |       | 434023 |
| 10189  | WOOMERA BN, AUSTR.    | 9003   | 9 30  | 18 00 10.86 | 10 32 30 | -72 28 |           |          |       | 434023 |
| 50081  | LAREDO RADAR, TEX.    | 4012   | 10 01 | 0 02 37.5   |          |        | 278 36    | 39 42    | 880   | 845307 |

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| 10192  | OLIFANTSFTN'BN,S.AF   | 9002   | 10 02 | 2 07 33.20  | 7 21 18  | -62 57 |           |          |       | 434023 |
| 10191  | VILLA OLORES'BN,ARG   | 9011   | 10 02 | 7 07 57.43  | 7 47 30  | -49 55 |           |          |       | 434023 |
| 10190  | WOOMERA'BN, AUSTR.    | 9003   | 10 02 | 18 59 36.69 | 4 38 42  | -37 03 |           |          |       | 434023 |
| 10193  | OLIFANTSFTN'BN,S.AF   | 9002   | 10 03 | 1 43 54.30  | 7 31 18  | -60 26 |           |          |       | 434023 |
| 50082  | LAREDO'RAOAR, TEX.    | 4012   | 10 03 | 22 51 28    |          |        | 292 54    | 46 00    | 834   | 895307 |
| 10195  | VILLA OLORES'BN,ARG   | 9011   | 10 04 | 8 05 40.37  | 5 46 00  | -24 31 |           |          |       | 434023 |
| 10194  | WOOMERA'BN, AUSTR.    | 9003   | 10 04 | 18 11 54.85 | 4 22 30  | -42 46 |           |          |       | 434023 |
| 10196  | WOOMERA'BN, AUSTR.    | 9003   | 10 06 | 10 15 12.92 | 17 17 48 | -55 36 |           |          |       | 434023 |
| 10197  | CURACAO'BN, N.W.I.    | 9009   | 10 07 | 9 50 07.55  | 8 21 24  | -23 06 |           |          |       | 434023 |
| 10198  | SAN FERNANDO'BN, SP.  | 9004   | 10 08 | 5 12 25.40  | 9 24 30  | -13 38 |           |          |       | 434013 |
| 10199  | NAINI TAL'BN, INOIA   | 9006   | 10 08 | 23 45 23.46 | 18 56 00 | 6 15   |           |          |       | 434013 |
| 10200  | CURACAO'BN, N.W.I.    | 9009   | 10 09 | 8 01 22.60  | 7 28 54  | -35 43 |           |          |       | 434023 |
| 10201  | SHIRAZ'BN, IRAN       | 9008   | 10 10 | 1 00 48.91  | 7 29 48  | -15 55 |           |          |       | 434013 |
| 10202  | CURACAO'BN, N.W.I.    | 9009   | 10 10 | 9 24 37.62  | 5 31 36  | 34 12  |           |          |       | 434013 |
| 10203  | JUPITER'BN, FLA.      | 9010   | 10 10 | 9 26 37.74  | 8 24 12  | -5 58  |           |          |       | 434013 |
| 10205  | MAUI'BN, HAWAII       | 9012   | 10 10 | 14 28 37.19 | 17 34 36 | 0 24   |           |          |       | 434013 |
| 10208  | SHIRAZ'BN, IRAN       | 9008   | 10 11 | 0 37 59.42  | 8 02 48  | -6 11  |           |          |       | 434013 |
| 10204  | CURACAO'BN, N.W.I.    | 9009   | 10 11 | 9 00 58.68  | 3 34 48  | 37 03  |           |          |       | 434013 |
| 10206  | JUPITER'BN, FLA.      | 9010   | 10 11 | 9 02 17.19  | 7 52 36  | -11 48 |           |          |       | 434013 |
| 30159  | OENVER, COLO.         | 8582   | 10 11 | 12 31 51.0  |          |        | 141 30    | 68 06    |       | 845303 |
| 10213  | MAUI'BN, HAWAII       | 9012   | 10 11 | 14 04 41.12 | 7 20 36  | -2 24  |           |          |       | 434013 |
| 10226  | SHIRAZ'BN, IRAN       | 9008   | 10 12 | 0 13 56.14  | 7 42 24  | -9 09  |           |          |       | 434013 |
| 10207  | SAN FERNANDO'BN, SP.  | 9004   | 10 12 | 5 22 27.60  | 7 29 42  | 20 30  |           |          |       | 434013 |
| 10210  | JUPITER'BN, FLA.      | 9010   | 10 12 | 8 37 30.26  | 7 06 18  | -21 29 |           |          |       | 434013 |
| 10211  | JUPITER'BN, FLA.      | 9010   | 10 12 | 10 24 18.58 | 4 05 54  | 46 05  |           |          |       | 434013 |
| 10212  | SHIRAZ'BN, IRAN       | 9008   | 10 12 | 23 50 10.79 | 7 33 54  | -8 55  |           |          |       | 434013 |
| 10215  | JUPITER'BN, FLA.      | 9010   | 10 13 | 10 00 47.12 | 4 23 12  | 51 20  |           |          |       | 434013 |
| 30160  | OENVER, COLO.         | 8582   | 10 13 | 11 44 27.0  |          |        | 140 24    | 63 00    |       | 845303 |
| 10474  | MAUI'BN, HAWAII       | 9012   | 10 13 | 15 02 48.50 | 2 16 24  | 49 52  |           |          |       | 434013 |
| 10221  | TOKYO'BN, JAPAN       | 9005   | 10 13 | 18 25 46.50 | 7 18 48  | -2 10  |           |          |       | 434013 |
| 10214  | NAINI TAL'BN, INOIA   | 9006   | 10 13 | 23 30 48.59 | 3 23 00  | 44 29  |           |          |       | 434013 |
| 10216  | SHIRAZ'BN, IRAN       | 9008   | 10 14 | 1 12 21.36  | 4 11 30  | 52 19  |           |          |       | 434013 |
| 10232  | SAN FERNANDO'BN, SP.  | 9004   | 10 14 | 4 34 52.00  | 7 19 54  | 18 41  |           |          |       | 434013 |
| 30161  | N. CANTON, OHIO       | 8555   | 10 14 | 9 37 30.9   | 5 51 55  | -7 32  |           |          |       | 845303 |
| 30162  | CHINA LAKE, CAL.      | 0098   | 10 14 | 13 03 31.8  |          |        | 328 06    | 58 49 48 |       | 845303 |
| 10231  | MAUI'BN, HAWAII       | 9012   | 10 14 | 14 39 25.20 | 2 30 48  | 57 38  |           |          |       | 434013 |
| 10224  | NAINI TAL'BN, INOIA   | 9006   | 10 14 | 23 06 39.24 | 3 07 30  | 39 30  |           |          |       | 434013 |
| 10228  | SHIRAZ'BN, IRAN       | 9008   | 10 15 | 0 48 19.94  | 4 01 06  | 49 24  |           |          |       | 434013 |
| 10217  | SAN FERNANDO'BN, SP.  | 9004   | 10 15 | 4 10 59.10  | 7 09 00  | 17 00  |           |          |       | 434013 |
| 10230  | JUPITER'BN, FLA.      | 9010   | 10 15 | 9 12 47.03  | 4 06 18  | 43 55  |           |          |       | 434013 |
| 30171  | WALNUT CREEK, CAL.    | 8535   | 10 15 | 12 39 02.6  | 5 53 15  | 40 41  |           |          |       | 845303 |
| 30163  | CHINA LAKE, CAL.      | 8588   | 10 15 | 12 39 35.8  |          |        | 328 17 24 | 61 19 12 |       | 845303 |
| 10222  | TOKYO'BN, JAPAN       | 9005   | 10 15 | 17 39 19.30 | 7 54 24  | 7 29   |           |          |       | 434013 |
| 10223  | TOKYO'BN, JAPAN       | 9005   | 10 15 | 19 24 05.10 | 4 13 00  | 55 18  |           |          |       | 434013 |
| 30185  | MITAKA, JAPAN         | 0229   | 10 15 | 19 24 10.1  | 27 06    | 61 42  |           |          |       | 845303 |
| 10225  | NAINI TAL'BN, INOIA   | 9006   | 10 15 | 22 43 18.19 | 3 27 36  | 48 22  |           |          |       | 434013 |
| 10229  | SHIRAZ'BN, IRAN       | 9008   | 10 16 | 0 24 23.29  | 3 59 42  | 47 50  |           |          |       | 434013 |
| 10218  | SAN FERNANDO'BN, SP.  | 9004   | 10 16 | 3 46 53.40  | 6 44 48  | 13 08  |           |          |       | 434013 |
| 10219  | SAN FERNANDO'BN, SP.  | 9004   | 10 16 | 5 33 56.00  | 2 59 42  | 64 31  |           |          |       | 434013 |
| 30164  | MILWAUKEE, WISC.      | 0074   | 10 16 | 10 36 30.3  | 6 33     | 41 10  |           |          |       | 845004 |
| 30174  | WALNUT CREEK, CAL.    | 8586   | 10 16 | 12 15 05.6  | 5 42     | 38 52  |           |          |       | 845004 |
| 30172  | WALNUT CREEK, CAL.    | 8556   | 10 16 | 12 15 06.9  | 5 43 50  | 38 54  |           |          |       | 845004 |
| 30173  | WALNUT CREEK, CAL.    | 8556   | 10 16 | 12 15 08.2  | 5 45 20  | 39 15  |           |          |       | 845004 |
| 30165  | OENVER, COLO.         | 8582   | 10 16 | 12 19 02.4  |          |        | 336 15 00 | 54 30    |       | 845303 |
| 50096  | EREVAN, USSR          | 1018   | 10 17 | 1 47 26.7   | 5 35 30  | 62 00  |           |          |       | 845009 |
| 50097  | EREVAN, USSR          | 1018   | 10 17 | 1 47 30.5   | 5 44 06  | 62 54  |           |          |       | 845009 |
| 10220  | SAN FERNANDO'BN, SP.  | 9004   | 10 17 | 5 08 44.10  | 2 44 06  | 59 57  |           |          |       | 434013 |
| 10233  | JUPITER'BN, FLA.      | 9010   | 10 17 | 10 11 33.07 | 0 02 24  | 60 30  |           |          |       | 434013 |
| 30167  | CINCINNATI, OHIO      | 8555   | 10 17 | 10 12 42.5  |          |        | 331 30    | 64 00    |       | 845302 |
| 30175  | WALNUT CREEK, CAL.    | 8586   | 10 17 | 11 51 08.3  | 5 32 09  | 36 38  |           |          |       | 845004 |
| 30197  | WALNUT CREEK, CAL.    | 8586   | 10 17 | 11 51 11.4  | 5 36 45  | 37 18  |           |          |       | 845004 |
| 30169  | CHINA LAKE, CAL.      | 8588   | 10 17 | 11 51 38.0  |          |        | 326 24 00 | 66 07 12 |       | 845303 |
| 30168  | CHINA LAKE, CAL.      | 0098   | 10 17 | 11 51 38.0  |          |        | 326 24 36 | 65 51 36 |       | 841303 |
| 50114  | LVOV, USSR            | 1031   | 10 18 | 3 05 52.2   | 6 00 30  | 19 24  |           |          |       | 845009 |
| 30170  | MILWAUKEE, WISC.      | 0074   | 10 18 | 9 48 36.2   | 6 06     | 37 13  |           |          |       | 841044 |
| 30190  | MAOISON, WISC.        | 0148   | 10 18 | 9 49 32.0   | 8 07 00  | 42 12  |           |          |       | 845042 |
| 30176  | SACRAMENTO, CAL.      | 8517   | 10 18 | 13 15 05.0  |          |        | 0 00      | 38 43    |       | 841304 |
| 10234  | TOKYO'BN, JAPAN       | 9005   | 10 18 | 18 13 22.20 | 6 13 18  | 64 58  |           |          |       | 434013 |
| 50115  | STALINABAO, USSR      | 1047   | 10 18 | 23 02 22.0  | 7 30 00  | 27 30  |           |          |       | 845009 |
| 50116  | STALINABAO, USSR      | 1047   | 10 18 | 23 02 36.2  | 7 43 00  | 28 06  |           |          |       | 845009 |
| 10235  | NAINI TAL'BN, INOIA   | 9006   | 10 18 | 23 20 06.17 | 21 13 00 | 77 35  |           |          |       | 434013 |
| 10236  | ORGAN PASS'BN, N.M.   | 9001   | 10 19 | 11 05 45.90 | 0 38 12  | 67 50  |           |          |       | 434013 |
| 30177  | CHINA LAKE, CAL.      | 0098   | 10 19 | 12 50 52.7  |          |        | 344 00 00 | 29 24 00 |       | 841303 |
| 50098  | LAREDO'RAOAR, TEX.    | 4012   | 10 19 | 16 30 19.5  |          |        | 4 30 00   | 39 30 00 | 1273  | 895307 |
| 50117  | BLAGOVESTCHENSK, USSR | 1010   | 10 19 | 19 33 51.5  | 6 00 00  | 19 30  |           |          |       | 845009 |
| 50118  | BLAGOVESTCHENSK, USSR | 1010   | 10 19 | 19 35 51.3  | 8 43 00  | 28 42  |           |          |       | 845009 |
| 10237  | NAINI TAL'BN, INOIA   | 9006   | 10 19 | 22 54 51.28 | 23 04 12 | 67 52  |           |          |       | 434013 |

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| 30178  | DENVER, COLO.             | 8582   | 10 20 | 10 43 05.1  |          |        | 333 45 00 | 61 24 00 |       | 845303 |
| 30179  | DENVER, COLO.             | 8582   | 10 20 | 12 30 21.3  |          |        | 353 54    | 35 09 00 |       | 845303 |
| 10238  | TOKYO*BN, JAPAN           | 9005   | 10 20 | 19 11 01.60 | 23 48 30 | 67 50  |           |          |       | 434013 |
| 10239  | NAINI TAL*BN, INDIA       | 9006   | 10 20 | 22 32 14.44 | 20 22 12 | 79 22  |           |          |       | 434013 |
| 10241  | SHIRAZ*BN, IRAN           | 9008   | 10 21 | 0 13 10.74  | 20 15 48 | 80 40  |           |          |       | 434013 |
| 30180  | DENVER, COLO.             | 8582   | 10 21 | 10 19 01.9  |          |        | 332 30    | 63 00    |       | 845303 |
| 30191  | MAOISON, WISC.            | 0148   | 10 21 | 10 23 39.2  | 7 55 00  | 79 00  |           |          |       | 845042 |
| 30182  | CHINA LAKE, CAL.          | 0098   | 10 21 | 12 02 49.8  |          |        | 342 36    | 30 42 00 |       | 641303 |
| 30183  | CHINA LAKE, CAL.          | 8588   | 10 21 | 12 02 50.8  |          |        | 342 56 24 | 31 04 48 |       | 845303 |
| 30184  | SACRAMENTO, CAL.          | 8517   | 10 21 | 12 03 04.5  |          |        | 0 00      | 41 24    |       | 641304 |
| 10240  | ORGAN PASS*BN, N.M.       | 9001   | 10 21 | 12 05 03.40 | 21 54 48 | 70 36  |           |          |       | 434013 |
| 30181  | DENVER, COLO.             | 8582   | 10 21 | 12 06 17.4  |          |        | 353 12    | 35 36    |       | 845303 |
| 30199  | MITAKA, JAPAN             | 0229   | 10 21 | 18 47 23.4  |          |        | 342 18    | 30 54    |       | 845303 |
| 10246  | TOKYO*BN, JAPAN           | 9005   | 10 21 | 18 47 33.80 | 22 56 12 | 76 00  |           |          |       | 434013 |
| 10242  | WOOMERA*BN, AUSTR.        | 9003   | 10 22 | 11 01 57.20 | 5 03 30  | -72 41 |           |          |       | 434023 |
| 10244  | ORGAN PASS*BN, N.M.       | 9001   | 10 22 | 11 43 01.20 | 7 11 48  | 73 52  |           |          |       | 434013 |
| 50119  | ULJANOVSK, USSR           | 1071   | 10 23 | 1 22 05.6   | 6 41 30  | 25 12  |           |          |       | 845009 |
| 50120  | ULJANOVSK, USSR           | 1071   | 10 23 | 1 23 03.0   | 7 10 00  | 19 06  |           |          |       | 845009 |
| 10243  | WOOMERA*BN, AUSTR.        | 9003   | 10 23 | 10 39 33.88 | 3 34 42  | -46 18 |           |          |       | 434023 |
| 10245  | ORGAN PASS*BN, N.M.       | 9001   | 10 23 | 11 16 33.99 | 20 34 00 | 74 30  |           |          |       | 434013 |
| 30186  | DENVER, COLO.             | 8582   | 10 23 | 11 18 13.8  |          |        | 351 48    | 36 36    |       | 845303 |
| 10248  | VILLA DOLORES*BN, ARG     | 9011   | 10 24 | 0 09 17.32  | 2 54 00  | -45 41 |           |          |       | 434023 |
| 50121  | TCHERNOVITSY, USSR        | 1062   | 10 24 | 2 27 58.0   | 3 17 00  | 46 42  |           |          |       | 845009 |
| 30187  | CINCINNATI, OHIO          | 8555   | 10 24 | 9 12 32.7   | 16 32 30 | 87 14  |           |          |       | 845003 |
| 10247  | WOOMERA*BN, AUSTR.        | 9003   | 10 24 | 10 14 36.70 | 4 11 18  | -64 16 |           |          |       | 434023 |
| 30188  | DENVER, COLO.             | 8582   | 10 24 | 10 54 40.5  |          |        | 0 00      | 36 24    |       | 845303 |
| 30192  | MAOISON, WISC.            | 0148   | 10 24 | 10 58 06.4  | 10 16 00 | 84 24  | 0 00      | 17 18    |       | 845042 |
| 30200  | YATSUSHIRO, JAPAN         | 0272   | 10 24 | 19 19 28    |          |        |           |          |       | 845302 |
| 10249  | VILLA DOLORES*BN, ARG     | 9011   | 10 24 | 23 45 39.36 | 2 44 06  | -41 15 |           |          |       | 434023 |
| 30193  | MAOISON, WISC.            | 0148   | 10 25 | 10 33 45.4  | 5 08 00  | 84 06  |           |          |       | 845042 |
| 10250  | WOOMERA*BN, AUSTR.        | 9003   | 10 25 | 11 35 28.13 | 19 00 42 | -28 41 |           |          |       | 434023 |
| 30189  | ROCHESTER, N.Y.           | 8564   | 10 26 | 10 12 28.2  | 8 37 36  | 80 07  |           |          |       | 845034 |
| 10252  | WOOMERA*BN, AUSTR.        | 9003   | 10 26 | 11 13 06.95 | 21 19 30 | -9 07  |           |          |       | 434013 |
| 10251  | ORGAN PASS*BN, N.M.       | 9001   | 10 26 | 11 52 49.20 | 19 57 00 | 75 39  |           |          |       | 434013 |
| 10255  | OLIFANTSFENTIN*BN, S.A.F. | 9002   | 10 26 | 17 57 07.00 | 0 03 36  | -63 53 |           |          |       | 434023 |
| 50123  | ULJANOVSK, USSR           | 1071   | 10 27 | 1 39 40.3   | 6 06 00  | 24 42  |           |          |       | 845009 |
| 50124  | ULJANOVSK, USSR           | 1071   | 10 27 | 1 46 01.2   | 10 16 00 | 16 54  |           |          |       | 845009 |
| 10253  | WOOMERA*BN, AUSTR.        | 9003   | 10 27 | 10 49 18.03 | 21 17 42 | -10 47 |           |          |       | 434013 |
| 10254  | ORGAN PASS*BN, N.M.       | 9001   | 10 27 | 11 28 12.45 | 20 03 00 | 74 28  |           |          |       | 434013 |
| 10256  | WOOMERA*BN, AUSTR.        | 9003   | 10 28 | 10 24 47.66 | 19 54 18 | -27 16 |           |          |       | 434023 |
| 30208  | AOELAIIDE, AUSTR.         | 0600   | 10 28 | 10 25 16.4  |          |        | 329 30    | 40 45    |       | 845303 |
| 10257  | SAN FERNANDO*BN, SP.      | 9004   | 10 29 | 3 56 17.40  | 15 24 12 | 77 26  |           |          |       | 434013 |
| 50130  | LAREDO*RADAR, TEX.        | 4012   | 10 29 | 5 18 06.0   |          |        | 216 30 00 | 56 42 00 | 1075  | 845307 |
| 10258  | SAN FERNANDO*BN, SP.      | 9004   | 10 29 | 5 43 00.10  | 10 53 00 | 79 10  |           |          |       | 434013 |
| 30194  | DENVER, COLO.             | 8582   | 10 29 | 10 41 29.8  |          |        | 8 51 36   | 36 45 00 |       | 845303 |
| 30196  | N. CANTON, OHIO           | 8559   | 10 29 | 10 46 16.2  | 8 01 50  | 64 22  |           |          |       | 845034 |
| 30195  | DENVER, COLO.             | 8582   | 10 29 | 12 28 37.8  |          |        | 29 01 48  | 67 12    |       | 845303 |
| 30203  | ASAHIKAWA, JAPAN          | 0201   | 10 29 | 19 10 06    | 6 57     | 66     |           |          |       | 845002 |
| 50128  | KRASNODAR, USSR           | 1027   | 10 30 | 1 53 09.3   | 3 19     | 58 36  |           |          |       | 845009 |
| 50125  | EREVAN, USSR              | 1018   | 10 30 | 1 55 08.2   | 4 01 06  | 74 12  |           |          |       | 845009 |
| 50129  | KRASNODAR, USSR           | 1027   | 10 30 | 1 55 10.7   | 8 26     | 54 18  |           |          |       | 845009 |
| 50126  | EREVAN, USSR              | 1018   | 10 30 | 1 55 11.3   | 4 11 42  | 74 30  |           |          |       | 845009 |
| 30198  | SACRAMENTO, CAL.          | 8517   | 10 30 | 11 59 59.1  |          |        | 0 00      | 36 01    |       | 641304 |
| 10259  | NAINI TAL*BN, INDIA       | 9006   | 10 30 | 23 55 34.31 | 12 40 36 | 57 56  |           |          |       | 434013 |
| 50127  | ROSTOV, USSR              | 1041   | 10 31 | 1 31 24.5   | 7 58 12  | 41 18  |           |          |       | 845009 |
| 10260  | ORGAN PASS*BN, N.M.       | 9001   | 10 31 | 11 40 54.90 | 12 44 00 | 72 30  |           |          |       | 434013 |
| 50122  | LAREDO*RADAR, TEX.        | 4012   | 10 31 | 13 29 03.0  |          |        | 281 42 00 | 55 06 00 | 1196  | 845307 |
| 10264  | TOKYO*BN, JAPAN           | 9005   | 10 31 | 18 22 19.40 | 13 40 24 | 78 22  |           |          |       | 434013 |
| 10264  | YATSUSHIRO, JAPAN         | 0272   | 10 31 | 20 07 46    |          |        | 0 00      | 36 00    |       | 845302 |
| 10265  | NAINI TAL*BN, INDIA       | 9006   | 10 31 | 23 30 46.92 | 12 34 00 | 68 51  |           |          |       | 434013 |
| 10267  | AREQUIPA*BN, PERU         | 9007   | 11 01 | 0 30 49.83  | 19 28 24 | 13 24  |           |          |       | 434013 |
| 30205  | DENVER, COLO.             | 8592   | 11 01 | 11 16 29.7  |          |        | 27 06     | 62 15 00 |       | 845303 |
| 10266  | NAINI TAL*BN, INDIA       | 9006   | 11 01 | 23 00 30.03 | 12 30 00 | 72 00  |           |          |       | 434013 |
| 30206  | DENVER, COLO.             | 8592   | 11 02 | 10 52 26.7  |          |        | 26 24     | 59 48    |       | 845303 |
| 10268  | ORGAN PASS*BN, N.M.       | 9001   | 11 02 | 10 53 43.70 | 12 04 24 | 60 33  |           |          |       | 434013 |
| 30207  | DENVER, COLO.             | 8592   | 11 02 | 12 38 41.9  |          |        | 222 45 00 | 47 50    |       | 845303 |
| 10269  | ORGAN PASS*BN, N.M.       | 9001   | 11 02 | 12 39 56.50 | 7 53 06  | 27 45  |           |          |       | 434013 |
| 50131  | LAREDO*RADAR, TEX.        | 4012   | 11 02 | 12 41 02    |          |        | 291 18    | 58 24    | 1192  | 845307 |
| 10272  | TOKYO*BN, JAPAN           | 9005   | 11 02 | 19 21 47.70 | 8 41 00  | 47 30  |           |          |       | 434013 |
| 10271  | NAINI TAL*BN, INDIA       | 9006   | 11 02 | 22 43 29.55 | 12 04 00 | 58 26  |           |          |       | 434013 |
| 10270  | SAN FERNANDO*BN, SP.      | 9004   | 11 03 | 3 44 12.00  | 11 02 30 | 59 05  |           |          |       | 434013 |
| 30201  | KANSAS CITY, MO.          | 0036   | 11 03 | 10 30 24.0  |          |        | 0         | 77 09 00 |       | 845303 |
| 10276  | MAUI*BN, HAWAII           | 9012   | 11 03 | 15 40 11.51 | 10 55 24 | 60 11  |           |          |       | 434013 |
| 10273  | NAINI TAL*BN, INDIA       | 9006   | 11 03 | 22 16 34.59 | 11 28 00 | 67 46  |           |          |       | 434013 |
| 10309  | NAINI TAL*BN, INDIA       | 9006   | 11 04 | 0 02 03.35  | 7 28 30  | 20 57  |           |          |       | 434013 |
| 10287  | SHIRAZ*BN, IRAN           | 9008   | 11 04 | 1 46 35.18  | 7 40 18  | 24 09  |           |          |       | 434013 |
| 10274  | JUPITER*BN, FLA.          | 9010   | 11 04 | 10 11 47.49 | 8 49 30  | 47 26  |           |          |       | 434013 |
| 30202  | W. PALM BEACH, FLA.       | 0016   | 11 04 | 10 12 09    |          |        | 43        | 62       |       | 845303 |

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| 10275  | JUPITER*BN, FLA.     | 9010   | 11 04 | 10 12 12.72 | 9 17 42  | 40 02  |           |          |       | 434013 |
| 10402  | MAINI TAL*BN, INOIA  | 9006   | 11 04 | 23 41 27.03 | 7 06 42  | 26 23  |           |          |       | 434013 |
| 10280  | SHIRAZ*BN, IRAN      | 9008   | 11 05 | 1 22 25.85  | 7 23 24  | 28 48  |           |          |       | 434013 |
| 10298  | TOKYO*BN, JAPAN      | 9005   | 11 05 | 18 11 15.60 | 9 31 42  | 26 28  |           |          |       | 434013 |
| 10277  | TOKYO*BN, JAPAN      | 9005   | 11 05 | 19 55 38.60 | 5 37 24  | - 6 18 |           |          |       | 434013 |
| 30233  | MITAKA, JAPAN        | 0229   | 11 05 | 19 55 42.0  |          |        | 225 48    | 35 00    |       | 845303 |
| 10279  | MAINI TAL*BN, INOIA  | 9006   | 11 05 | 23 17 29.22 | 7 04 24  | 29 07  |           |          |       | 434013 |
| 10281  | CURACAO*BN, N.W.I.   | 9009   | 11 06 | 0 23 30.18  | 18 52 18 | 31 52  |           |          |       | 434013 |
| 10285  | MAUI*BN, HAWAII      | 9012   | 11 06 | 5 27 14.17  | 23 37 42 | - 9 44 |           |          |       | 434013 |
| 10283  | JUPITER*BN, FLA.     | 9010   | 11 06 | 9 22 22.80  | 6 24 30  | 67 30  |           |          |       | 434013 |
| 10284  | JUPITER*BN, FLA.     | 9010   | 11 06 | 9 24 20.89  | 9 16 18  | 37 17  |           |          |       | 434013 |
| 10282  | CURACAO*BN, N.W.I.   | 9009   | 11 06 | 9 29 29.78  | 10 24 30 | 39 14  |           |          |       | 434013 |
| 10286  | MAUI*BN, HAWAII      | 9012   | 11 06 | 14 28 52.84 | 10 23 30 | 49 14  |           |          |       | 434013 |
| 10278  | TOKYO*BN, JAPAN      | 9005   | 11 06 | 19 31 01.70 | 4 59 24  | - 0 17 |           |          |       | 434013 |
| 10290  | MAINI TAL*BN, INOIA  | 9006   | 11 06 | 22 53 40.11 | 7 14 06  | 28 09  |           |          |       | 434013 |
| 10294  | JUPITER*BN, FLA.     | 9010   | 11 07 | 0 00 10.43  | 23 43 42 | -29 59 |           |          |       | 434023 |
| 10288  | CURACAO*BN, N.W.I.   | 9009   | 11 07 | 0 00 19.06  | 19 06 00 | 46 02  |           |          |       | 434013 |
| 10295  | JUPITER*BN, FLA.     | 9010   | 11 07 | 0 01 10.57  | 0 32 48  | -17 21 |           |          |       | 434013 |
| 10292  | SHIRAZ*BN, IRAN      | 9008   | 11 07 | 0 34 29.09  | 7 19 30  | 31 45  |           |          |       | 434013 |
| 10475  | MAUI*BN, HAWAII      | 9012   | 11 07 | 5 03 49.71  | 0 07 48  | - 2 10 |           |          |       | 434013 |
| 10289  | CURACAO*BN, N.W.I.   | 9009   | 11 07 | 9 05 39.53  | 10 23 42 | 36 53  |           |          |       | 434013 |
| 30209  | PUEBLA, MEX.         | 0900   | 11 07 | 10 42 49.5  | 7 57 54  | 63 13  |           |          |       | 845043 |
| 10296  | JUPITER*BN, FLA.     | 9010   | 11 07 | 10 46 05.07 | 4 32 24  | -16 46 |           |          |       | 434013 |
| 10297  | JUPITER*BN, FLA.     | 9010   | 11 07 | 10 47 04.37 | 6 07 24  | -25 42 |           |          |       | 434023 |
| 10291  | MAINI TAL*BN, INOIA  | 9006   | 11 07 | 13 31 11.02 | 23 43 24 | -19 16 |           |          |       | 434013 |
| 10299  | TOKYO*BN, JAPAN      | 9005   | 11 07 | 19 07 54.60 | 5 30 06  | - 7 37 |           |          |       | 434013 |
| 10293  | CURACAO*BN, N.W.I.   | 9009   | 11 07 | 23 35 08.02 | 18 49 54 | 42 19  |           |          |       | 434013 |
| 10300  | JUPITER*BN, FLA.     | 9010   | 11 07 | 23 36 11.48 | 23 32 24 | -31 24 |           |          |       | 434023 |
| 10301  | JUPITER*BN, FLA.     | 9010   | 11 07 | 23 38 39.79 | 1 25 42  | - 0 53 |           |          |       | 434013 |
| 50132  | LAREDO*RAOAR, TEX.   | 4012   | 11 08 | 1 18 24.0   |          |        | 166 00 00 | 35 34 00 | 1200  | 845007 |
| 30210  | CINCINNATI, OHIO     | 0050   | 11 08 | 1 20 26.6   | 20 49 12 | -28 57 |           |          |       | 845004 |
| 10306  | MAUI*BN, HAWAII      | 9012   | 11 08 | 6 24 06.23  | 18 00 12 | 31 00  |           |          |       | 434013 |
| 10302  | JUPITER*BN, FLA.     | 9010   | 11 08 | 10 21 58.64 | 5 13 18  | -14 07 |           |          |       | 434013 |
| 10303  | MAINI TAL*BN, INOIA  | 9006   | 11 08 | 13 08 36.48 | 0 40 00  | - 1 49 |           |          |       | 434013 |
| 10308  | MAUI*BN, HAWAII      | 9012   | 11 08 | 13 41 58.13 | 10 26 30 | 32 38  |           |          |       | 434013 |
| 10307  | MAUI*BN, HAWAII      | 9012   | 11 08 | 15 27 24.08 | 5 57 24  | -17 09 |           |          |       | 434013 |
| 10304  | CURACAO*BN, N.W.I.   | 9009   | 11 08 | 23 12 02.42 | 18 36 00 | 38 02  |           |          |       | 434013 |
| 30211  | PUEBLA, MEX.         | 0900   | 11 09 | 0 53 53.0   | 21 38 00 | 11 25  |           |          |       | 845043 |
| 30212  | CHINA LAKE, CAL.     | 8588   | 11 09 | 2 39 48.8   |          |        | 134 22 48 | 40 38 24 |       | 845303 |
| 10305  | CURACAO*BN, N.W.I.   | 9009   | 11 09 | 8 17 25.07  | 10 02 00 | 40 22  |           |          |       | 434013 |
| 10331  | JUPITER*BN, FLA.     | 9010   | 11 09 | 9 57 27.30  | 4 44 30  | - 8 55 |           |          |       | 434013 |
| 10310  | ORGAN PASS*BN, N.M.  | 9001   | 11 09 | 11 39 22.69 | 5 46 24  | -28 53 |           |          |       | 434023 |
| 10312  | MAINI TAL*BN, INOIA  | 9006   | 11 09 | 12 44 48.58 | 0 47 18  | - 1 52 |           |          |       | 434013 |
| 10313  | MAINI TAL*BN, INOIA  | 9006   | 11 09 | 14 28 26.88 | 18 44 24 | 31 01  |           |          |       | 434013 |
| 10316  | MAUI*BN, HAWAII      | 9012   | 11 09 | 15 02 34.78 | 5 12 42  | - 5 18 |           |          |       | 434013 |
| 10311  | SAN FERNANDO*BN, SP. | 9004   | 11 09 | 19 32 22.20 | 22 42 06 | 6 25   |           |          |       | 434013 |
| 10314  | MAINI TAL*BN, INOIA  | 9006   | 11 09 | 23 27 40.14 | 4 42 30  | -21 31 |           |          |       | 434013 |
| 10329  | JUPITER*BN, FLA.     | 9010   | 11 10 | 0 32 33.60  | 18 19 30 | 3 52   |           |          |       | 434013 |
| 10330  | JUPITER*BN, FLA.     | 9010   | 11 10 | 0 35 29.20  | 19 54 30 | 59 25  |           |          |       | 434013 |
| 10321  | TOKYO*BN, JAPAN      | 9005   | 11 10 | 9 00 26.20  | 23 54 48 | - 6 25 |           |          |       | 434013 |
| 10315  | CURACAO*BN, N.W.I.   | 9009   | 11 10 | 9 39 04.82  | 5 03 54  | -16 45 |           |          |       | 434013 |
| 10322  | MAINI TAL*BN, INOIA  | 9006   | 11 10 | 14 05 54.02 | 19 12 36 | 59 40  |           |          |       | 434013 |
| 10326  | SHIRAZ*BN, IRAN      | 9008   | 11 10 | 15 46 46.48 | 19 33 00 | 56 24  |           |          |       | 434013 |
| 10317  | ORGAN PASS*BN, N.M.  | 9001   | 11 11 | 1 52 42.40  | 21 05 06 | 25 39  |           |          |       | 434013 |
| 10335  | CURACAO*BN, N.W.I.   | 9009   | 11 11 | 9 15 16.20  | 5 01 48  | -18 38 |           |          |       | 434013 |
| 10323  | MAINI TAL*BN, INOIA  | 9006   | 11 11 | 13 40 59.66 | 18 32 30 | 39 47  |           |          |       | 434013 |
| 10332  | JUPITER*BN, FLA.     | 9010   | 11 11 | 23 49 27.70 | 2 43 30  | 72 17  |           |          |       | 434013 |
| 30213  | N. CANTON, OHIO      | 8565   | 11 11 | 23 49 40.6  | 23 50 27 | 3 02   |           |          |       | 845053 |
| 50133  | ROCHESTER, N.Y.      | 5050   | 11 11 | 23 50 53.2  | 0 12 00  | 8 00   |           |          |       | 637057 |
| 30215  | ROCHESTER, N.Y.      | 8564   | 11 11 | 23 50 56.0  | 0 13 00  | 8 15   |           |          |       | 845053 |
| 10318  | ORGAN PASS*BN, N.M.  | 9001   | 11 12 | 1 29 45.47  | 22 56 00 | 43 25  |           |          |       | 434013 |
| 30218  | ALBUQUERQUE, N.M.    | 0041   | 11 12 | 1 29 45.5   | 22 47 18 | 24 00  |           |          |       | 845053 |
| 30219  | DENVER, COLO.        | 8582   | 11 12 | 1 30 43.2   |          |        | 140 50    | 55 50    |       | 845053 |
| 30220  | DALLAS, TEX.         | 0129   | 11 12 | 1 31 15.4   | 19 47    | 61 24  |           |          |       | 845043 |
| 30221  | CHINA LAKE, CAL.     | 8588   | 11 12 | 3 13 42.5   |          |        | 328 09 36 | 54 07 14 |       | 845053 |
| 10328  | CURACAO*BN, N.W.I.   | 9009   | 11 12 | 8 51 48.92  | 5 14 42  | -25 00 |           |          |       | 434023 |
| 10324  | AREQUIPA*BN, PERU    | 9007   | 11 12 | 8 57 09.06  | 10 03 54 | 27 22  |           |          |       | 434013 |
| 10327  | SHIRAZ*BN, IRAN      | 9008   | 11 12 | 14 58 46.43 | 19 27 42 | 55 48  |           |          |       | 434013 |
| 30222  | FT. BELVOIR, VA.     | 0077   | 11 12 | 23 25 00    |          |        | 180       | 57       |       | 845053 |
| 30223  | N. CANTON, OHIO      | 8565   | 11 12 | 23 25 28.6  | 23 25 42 | - 1 02 |           |          |       | 845042 |
| 30217  | ROCHESTER, N.Y.      | 8564   | 11 12 | 23 26 40.8  | 23 42 51 | 4 54   |           |          |       | 845053 |
| 30216  | ROCHESTER, N.Y.      | 8564   | 11 12 | 23 27 17.5  | 1 28 00  | 10 03  |           |          |       | 845054 |
| 10319  | ORGAN PASS*BN, N.M.  | 9001   | 11 13 | 1 05 12.19  | 21 47 00 | 30 30  |           |          |       | 434013 |
| 30224  | DENVER, COLO.        | 8582   | 11 13 | 1 06 49.5   |          |        | 134 45 00 | 52 15 00 |       | 845053 |
| 30225  | DAYTON, OHIO         | 8557   | 11 13 | 1 09 40.4   |          |        | 294 18    | 50 36    |       | 845053 |
| 10320  | ORGAN PASS*BN, N.M.  | 9001   | 11 13 | 2 50 52.08  | 16 55 00 | 56 30  |           |          |       | 434013 |
| 10325  | AREQUIPA*BN, PERU    | 9007   | 11 13 | 8 32 10.77  | 9 15 18  | 37 41  |           |          |       | 434013 |
| 50136  | VLAOISVOSTOK, USSR   | 1013   | 11 13 | 9 33 08.4   | 22 04 30 | - 1 00 |           |          |       | 845009 |
| 50137  | VLAOISVOSTOK, USSR   | 1013   | 11 13 | 9 33 52.8   | 23 07 12 | 8 36   |           |          |       | 845009 |
| 10341  | SHIRAZ*BN, IRAN      | 9008   | 11 13 | 14 34 42.73 | 19 22 24 | 53 59  |           |          |       | 434013 |
| 10334  | SAN FERNANDO*BN, SP. | 9004   | 11 13 | 19 42 58.80 | 16 10 06 | 69 14  |           |          |       | 434013 |
| 30226  | FT. BELVOIR, VA.     | 0077   | 11 13 | 23 00 54.5  |          |        | 180       | 52 12    |       | 845053 |
| 30227  | TERRE HAUTE, INO.    | 8127   | 11 14 | 0 46 04.8   |          |        | 333       | 66 15    |       | 845052 |
| 30228  | SACRAMENTO, CAL.     | 8517   | 11 14 | 2 25 15.8   |          |        | 180 00    | 89 38    |       | 845054 |
| 10333  | ORGAN PASS*BN, N.M.  | 9001   | 11 14 | 2 26 41.50  | 16 38 00 | 54 57  |           |          |       | 434013 |

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| 10336  | VILLA DOLORES*8N, ARG | 9011   | 11 14 | 8 11 51.17  | 9 16 18  | 38 23  |           |          |       | 434013 |
| 30229  | DAYTON, OHIO          | 8557   | 11 15 | 0 22 33.2   |          |        | 331 30    | 61 27    |       | 845003 |
| 30230  | COLUMBUS, OHIO        | 0051   | 11 15 | 0 23 24.3   |          |        | 0 00      | 56 12    |       | 845003 |
| 30231  | CHINA LAKE, CAL.      | 8588   | 11 15 | 2 01 30.3   |          |        | 326 19 48 | 58 20 24 |       | 845003 |
| 30232  | DENVER, COLO.         | 8592   | 11 15 | 2 04 42.3   |          |        | 335 30    | 45 30    |       | 845003 |
| 10337  | ORGAN PASS*BN, N.M.   | 9001   | 11 15 | 2 04 50.60  | 11 43 54 | 81 15  |           |          |       | 434013 |
| 10338  | TOKYO*8N, JAPAN       | 9005   | 11 15 | 8 45 32.50  | 18 45 54 | 44 56  |           |          |       | 434013 |
| 30247  | HIGASHIMATSUYAMA, JAP | 0210   | 11 15 | 8 45 55.6   | 19 26 30 | 52 12  |           |          |       | 845003 |
| 30248  | MITAKA, JAPAN         | 0229   | 11 15 | 8 46 04.5   |          |        | 326 06    | 59 06    |       | 845003 |
| 10339  | SAN FERNANDO*8N, SP.  | 9004   | 11 15 | 18 54 59.60 | 17 59 30 | 72 26  |           |          |       | 434013 |
| 30214  | DENVER, COLO.         | 8592   | 11 16 | 1 41 20.7   |          |        | 0 00      | 48 00    |       | 845003 |
| 50138  | EREVAN, USSR          | 1018   | 11 16 | 15 08 53.0  | 20 34 48 | 61 18  |           |          |       | 845009 |
| 50139  | EREVAN, USSR          | 1018   | 11 16 | 15 09 36.3  | 23 26 36 | 69 42  |           |          |       | 845009 |
| 10340  | SAN FERNANDO*BN, SP.  | 9004   | 11 16 | 18 30 45.70 | 17 45 18 | 69 00  |           |          |       | 434013 |
| 30234  | COLUMBUS, OHIO        | 0051   | 11 16 | 23 35 12.5  |          |        | 0 45 00   | 58 54    |       | 845003 |
| 30235  | N. CANTON, OHIO       | 8565   | 11 16 | 23 35 55.2  | 23 37 10 | 69 18  |           |          |       | 845013 |
| 30236  | ROCHESTER, N.Y.       | 8564   | 11 17 | 23 12 22.2  | 21 55 48 | 62 16  |           |          |       | 845013 |
| 50134  | ROCHESTER, N.Y.       | 5050   | 11 17 | 23 13 03.8  | 0 47     | 63 48  |           |          |       | 845003 |
| 30237  | ROCHESTER, N.Y.       | 8564   | 11 17 | 23 13 06.2  | 0 42 36  | 63 10  |           |          |       | 845013 |
| 30238  | ROCHESTER, N.Y.       | 8564   | 11 17 | 23 13 45.4  | 2 21 12  | 57 22  |           |          |       | 845014 |
| 30239  | DENVER, COLO.         | 8592   | 11 18 | 0 53 04.8   |          |        | 0 00      | 50 30    |       | 845003 |
| 10342  | OLIFANTSFTN*BN, S.AF  | 9002   | 11 18 | 1 36 11.83  | 8 20 18  | -12 07 |           |          |       | 434013 |
| 10345  | TOKYO*8N, JAPAN       | 9005   | 11 18 | 9 19 52.90  | 15 01 24 | 63 48  |           |          |       | 434013 |
| 10343  | WOOMERA*8N, AUSTR.    | 9003   | 11 18 | 18 29 50.21 | 8 41 18  | -17 20 |           |          |       | 434013 |
| 30245  | WOOMERA, AUSTR.       | 0603   | 11 18 | 18 30 45.4  |          |        | 97 54     | 58 54    |       | 845003 |
| 10344  | SAN FERNANDO*8N, SP.  | 9004   | 11 18 | 19 29 50.40 | 11 51 00 | 75 52  |           |          |       | 434013 |
| 10346  | TOKYO*8N, JAPAN       | 9005   | 11 19 | 8 55 37.40  | 14 51 36 | 61 29  |           |          |       | 434013 |
| 30261  | YATSUSHIRO, JAPAN     | 0272   | 11 19 | 10 41 00    |          |        | 0 00      | 12 00    |       | 845003 |
| 10348  | WOOMERA*8N, AUSTR.    | 9003   | 11 19 | 18 05 40.62 | 8 27 54  | -14 15 |           |          |       | 434013 |
| 50135  | LAREDO*RAOAR, TEX.    | 4012   | 11 19 | 22 15 58    |          |        | 266 42    | 42 24    | 914   | 845007 |
| 30241  | DAYTON, OHIO          | 8557   | 11 20 | 0 08 20.2   |          |        | 341 58    | 31 39    |       | 845003 |
| 30242  | ST. LOUIS, MO.        | 0140   | 11 20 | 0 08 21.0   | 7 38 54  | 79 21  |           |          |       | 845012 |
| 30243  | ROCHESTER, N.Y.       | 8564   | 11 20 | 0 10 00.8   | 17 05 42 | 79 31  |           |          |       | 845014 |
| 30249  | CINCINNATI, OHIO      | 0050   | 11 21 | 1 28 38.5   | 16 17 00 | 53 32  |           |          |       | 845004 |
| 10347  | VILLA DOLORES*BN, ARG | 9011   | 11 21 | 7 11 24.34  | 7 49 30  | -18 45 |           |          |       | 434013 |
| 50141  | ORENBURGH, USSR       | 1063   | 11 21 | 14 57.46.5  | 23 34 00 | 39 36  |           |          |       | 845009 |
| 10349  | WOOMERA*8N, AUSTR.    | 9003   | 11 21 | 17 17 20.66 | 8 01 12  | -8 52  |           |          |       | 434013 |
| 30244  | DAYTON, OHIO          | 8557   | 11 22 | 1 05 31.9   |          |        | 334 48    | 25 08    |       | 845003 |
| 10350  | OLIFANTSFTN*8N, S.AF  | 9002   | 11 22 | 1 45 19.73  | 2 51 42  | -49 41 |           |          |       | 434023 |
| 50144  | ORENBURGH, USSR       | 1063   | 11 22 | 14 33 27.0  | 22 41 30 | 39 12  |           |          |       | 845009 |
| 10351  | WOOMERA*8N, AUSTR.    | 9003   | 11 22 | 16 53 08.43 | 7 44 48  | -6 06  |           |          |       | 434013 |
| 10355  | VILLA DOLORES*8N, ARG | 9011   | 11 23 | 6 22 55.85  | 7 16 18  | -11 24 |           |          |       | 434013 |
| 10356  | VILLA DOLORES*8N, ARG | 9011   | 11 23 | 6 26 47.06  | 11 32 18 | -37 12 |           |          |       | 434023 |
| 10357  | VILLA DOLORES*8N, ARG | 9011   | 11 23 | 8 09 16.63  | 2 41 12  | -62 27 |           |          |       | 434023 |
| 10352  | WOOMERA*8N, AUSTR.    | 9003   | 11 23 | 16 30 58.71 | 9 35 00  | -23 56 |           |          |       | 434023 |
| 10353  | WOOMERA*8N, AUSTR.    | 9003   | 11 23 | 18 15 11.56 | 3 04 00  | -62 05 |           |          |       | 434023 |
| 30250  | CINCINNATI, OHIO      | 0050   | 11 24 | 0 19 03     | 9 06 24  | 77 18  |           |          |       | 845004 |
| 30251  | STATE COLLEGE, PA.    | 8594   | 11 24 | 0 19 12.1   |          |        | 343 06    | 33 18    |       | 845003 |
| 10354  | WOOMERA*8N, AUSTR.    | 9003   | 11 24 | 17 50 52.56 | 2 58 42  | -59 22 |           |          |       | 434023 |
| 10363  | VILLA DOLORES*8N, ARG | 9011   | 11 25 | 7 20 17.32  | 2 30 12  | -52 03 |           |          |       | 434023 |
| 10364  | VILLA DOLORES*8N, ARG | 9011   | 11 25 | 7 23 52.41  | 15 07 00 | -75 37 |           |          |       | 434023 |
| 10358  | WOOMERA*8N, AUSTR.    | 9003   | 11 25 | 17 26 34.79 | 2 52 42  | -57 00 |           |          |       | 434023 |
| 50151  | BLAGOVESTCHENSK, USSR | 1010   | 11 26 | 9 40 57.4   | 2 16 00  | 19 48  |           |          |       | 845009 |
| 10359  | WOOMERA*8N, AUSTR.    | 9003   | 11 26 | 17 03 16.54 | 3 26 54  | -71 20 |           |          |       | 434023 |
| 10362  | TOKYO*8N, JAPAN       | 9005   | 11 27 | 9 17 50.60  | 6 39 18  | 72 27  |           |          |       | 434013 |
| 10360  | WOOMERA*8N, AUSTR.    | 9003   | 11 27 | 16 38 07.30 | 2 41 30  | -54 24 |           |          |       | 434023 |
| 10365  | VILLA DOLORES*8N, ARG | 9011   | 11 28 | 6 08 07.76  | 2 15 18  | -57 27 |           |          |       | 434023 |
| 50152  | BLAGOVESTCHENSK, USSR | 1010   | 11 28 | 8 51 16.2   | 0 18 00  | 36 48  |           |          |       | 845009 |
| 50153  | BLAGOVESTCHENSK, USSR | 1010   | 11 28 | 8 52 48.8   | 1 53 00  | 19 12  |           |          |       | 845009 |
| 30252  | DENVER, COLO.         | 8592   | 11 29 | 1 47 23.5   |          |        | 26 54     | 57 45 00 |       | 845003 |
| 10367  | ORGAN PASS*BN, N.M.   | 9001   | 11 30 | 1 24 25.39  | 4 55 06  | 57 38  |           |          |       | 434013 |
| 10368  | VILLA DOLORES*8N, ARG | 9011   | 11 30 | 5 19 35.56  | 2 05 12  | -54 49 |           |          |       | 434023 |
| 10374  | TOKYO*8N, JAPAN       | 9005   | 11 30 | 9 51 14.10  | 22 35 42 | 64 14  |           |          |       | 434013 |
| 10370  | MAIMI TAL*BN, INDIA   | 9006   | 11 30 | 13 13 37.44 | 5 01 12  | 62 14  |           |          |       | 434013 |
| 10371  | WOOMERA*8N, AUSTR.    | 9003   | 11 30 | 15 26 36.20 | 3 57 48  | -69 01 |           |          |       | 434023 |
| 50145  | LAREDO*RAOAR, TEX.    | 4012   | 11 30 | 17 54 10.0  |          |        | 67 00     | 34 24    | 937   | 845007 |
| 10369  | SAN FERNANDO*BN, SP.  | 9004   | 11 30 | 18 14 35.30 | 4 10 30  | 61 14  |           |          |       | 434013 |
| 30253  | DENVER, COLO.         | 8592   | 12 01 | 0 59 04.9   |          |        | 25 36     | 52 30    |       | 845003 |
| 30254  | CHINA LAKE, CAL.      | 0098   | 12 01 | 2 43 26.6   |          |        | 34 48     | 66 51 36 |       | 845003 |
| 10376  | VILLA DOLORES*8N, ARG | 9011   | 12 01 | 4 56 19.96  | 2 49 30  | -69 04 |           |          |       | 434023 |
| 30267  | MITAKA, JAPAN         | 0229   | 12 01 | 9 27 59.1   |          |        | 34 56     | 66 18    |       | 845003 |
| 10372  | WOOMERA*8N, AUSTR.    | 9003   | 12 01 | 15 02 56.02 | 5 30 30  | -72 50 |           |          |       | 434023 |
| 10373  | SAN FERNANDO*8N, SP.  | 9004   | 12 01 | 19 35 57.30 | 22 36 36 | 29 05  |           |          |       | 434013 |
| 30255  | MILWAUKEE, WISC.      | 0074   | 12 02 | 0 37 35.1   | 22 07    | 14 18  |           |          |       | 641043 |
| 30256  | CHINA LAKE, CAL.      | 8588   | 12 02 | 2 19 16.8   |          |        | 34 12 00  | 63 25 48 |       | 845003 |
| 10382  | VILLA DOLORES*8N, ARG | 9011   | 12 02 | 4 32 10.34  | 2 58 48  | -68 53 |           |          |       | 434023 |
| 10383  | VILLA DOLORES*8N, ARG | 9011   | 12 02 | 6 19 16.89  | 21 32 30 | -73 18 |           |          |       | 434023 |

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| 10377  | WOOMERA'BN, AUSTR.    | 9003   | 12 02 | 14 38 32.43 | 4 54 00  | -69 31 |           |          |       | 434023 |
| 10380  | SAN FERNANDO'BN, SP.  | 9004   | 12 02 | 19 12 05.40 | 22 55 36 | 27 36  |           |          |       | 434013 |
| 30257  | MILWAUKEE, WISC.      | 0074   | 12 03 | 0 13 29.5   | 21 58    | 16 00  |           |          |       | 641043 |
| 30258  | TERRE HAUTE, INO.     | 8127   | 12 03 | 0 14 11.0   |          |        | 216       | 77 25    |       | 845303 |
| 10384  | VILLA OLORES'BN, ARG  | 9011   | 12 03 | 4 07 36.11  | 2 26 00  | -62 30 |           |          |       | 434023 |
| 10467  | TOKYO'BN, JAPAN       | 9005   | 12 03 | 8 35 43.80  | 21 42 06 | -9 18  |           |          |       | 434013 |
| 10385  | TOKYO'BN, JAPAN       | 9005   | 12 03 | 8 39 37.60  | 0 47 30  | 57 33  |           |          |       | 434013 |
| 10378  | WOOMERA'BN, AUSTR.    | 9003   | 12 03 | 14 14 12.68 | 4 34 00  | -66 35 |           |          |       | 434023 |
| 10381  | SHIRAZ'BN, IRAN       | 9008   | 12 03 | 15 28 16.01 | 23 28 06 | 30 45  |           |          |       | 434013 |
| 10386  | JUPITER'BN, FLA.      | 9010   | 12 03 | 23 53 14.94 | 0 48 42  | 58 31  |           |          |       | 434013 |
| 30263  | SACRAMENTO, CAL.      | 8590   | 12 04 | 3 15 08.4   | 21 48 42 | -13 03 |           |          |       | 845013 |
| 10379  | WOOMERA'BN, AUSTR.    | 9003   | 12 04 | 13 50 53.02 | 6 49 36  | -67 40 |           |          |       | 434023 |
| 10387  | JUPITER'BN, FLA.      | 9010   | 12 04 | 23 26 46.38 | 17 23 00 | 71 55  |           |          |       | 434013 |
| 10388  | JUPITER'BN, FLA.      | 9010   | 12 04 | 23 27 17.24 | 18 44 12 | 75 34  |           |          |       | 434013 |
| 10389  | JUPITER'BN, FLA.      | 9010   | 12 04 | 23 28 08.54 | 22 29 06 | 74 44  |           |          |       | 434013 |
| 30264  | PUEBLA, MEX.          | 0900   | 12 05 | 1 12 06.8   | 23 30 00 | 71 40  |           |          |       | 845043 |
| 30265  | PUEBLA, MEX.          | 0900   | 12 05 | 1 12 28.1   | 0 19 18  | 66 42  |           |          |       | 845043 |
| 10390  | VILLA OLORES'BN, ARG  | 9011   | 12 05 | 3 18 42.02  | 1 47 18  | -52 45 |           |          |       | 434023 |
| 10391  | ORGAN PASS'BN, N.M.   | 9001   | 12 06 | 0 45 10.40  | 23 13 54 | 47 59  |           |          |       | 434013 |
| 10392  | VILLA OLORES'BN, ARG  | 9011   | 12 06 | 2 54 32.68  | 1 50 30  | -52 57 |           |          |       | 434023 |
| 10410  | TOKYO'BN, JAPAN       | 9005   | 12 06 | 9 12 36.00  | 20 34 48 | -3 04  |           |          |       | 434013 |
| 10393  | WOOMERA'BN, AUSTR.    | 9003   | 12 06 | 11 14 03.52 | 4 19 36  | 16 08  |           |          |       | 434013 |
| 10394  | WOOMERA'BN, AUSTR.    | 9003   | 12 06 | 13 00 01.41 | 1 51 26  | -40 19 |           |          |       | 434023 |
| 10395  | VILLA OLORES'BN, ARG  | 9011   | 12 07 | 0 42 10.33  | 2 58 30  | 27 49  |           |          |       | 434013 |
| 10396  | VILLA OLORES'BN, ARG  | 9011   | 12 07 | 0 46 09.36  | 5 31 06  | -5 38  |           |          |       | 434013 |
| 10397  | VILLA OLORES'BN, ARG  | 9011   | 12 07 | 2 27 06.48  | 23 44 24 | -5 27  |           |          |       | 434013 |
| 10411  | TOKYO'BN, JAPAN       | 9005   | 12 07 | 8 47 57.50  | 19 48 36 | 3 28   |           |          |       | 434013 |
| 10401  | WOOMERA'BN, AUSTR.    | 9003   | 12 07 | 10 49 55.03 | 4 08 18  | 16 17  |           |          |       | 434013 |
| 10400  | WOOMERA'BN, AUSTR.    | 9003   | 12 07 | 12 35 59.93 | 2 01 48  | -41 51 |           |          |       | 434023 |
| 10399  | WOOMERA'BN, AUSTR.    | 9003   | 12 07 | 14 23 04.02 | 21 45 54 | -68 28 |           |          |       | 434023 |
| 50146  | LAREDO'RAOAR, TEX.    | 4012   | 12 07 | 15 02 56.3  |          |        | 163 18 00 | 26 12 00 | 1148  | 895307 |
| 50147  | LAREDO'RAOAR, TEX.    | 4012   | 12 07 | 16 48 36.8  |          |        | 298 18 00 | 20 42 00 | 1284  | 895307 |
| 30266  | QUEZON CITY, PH. IS.  | 0500   | 12 08 | 10 10 46    |          |        | 53        | 83 30    |       | 845302 |
| 10403  | WOOMERA'BN, AUSTR.    | 9003   | 12 08 | 12 11 43.65 | 1 54 42  | -39 15 |           |          |       | 434023 |
| 10404  | WOOMERA'BN, AUSTR.    | 9003   | 12 08 | 13 58 53.96 | 21 29 54 | -69 49 |           |          |       | 434023 |
| 10405  | VILLA OLORES'BN, ARG  | 9011   | 12 09 | 1 41 15.74  | 0 58 54  | -39 12 |           |          |       | 434023 |
| 50148  | LAREDO'RAOAR, TEX.    | 4012   | 12 09 | 16 00 21.0  |          |        | 294 24 00 | 23 30 00 | 1180  | 895307 |
| 50149  | LAREDO'RAOAR, TEX.    | 4012   | 12 10 | 15 36 15.0  |          |        | 292 18 00 | 25 00 00 | 1116  | 895307 |
| 10406  | WOOMERA'BN, AUSTR.    | 9003   | 12 10 | 18 35 27.92 | 12 41 18 | -28 50 |           |          |       | 434023 |
| 10412  | VILLA OLORES'BN, ARG  | 9011   | 12 11 | 8 03 51.86  | 10 45 00 | -52 58 |           |          |       | 434023 |
| 10407  | WOOMERA'BN, AUSTR.    | 9003   | 12 11 | 10 59 29.07 | 2 18 48  | -39 06 |           |          |       | 434023 |
| 10408  | WOOMERA'BN, AUSTR.    | 9003   | 12 11 | 12 45 54.77 | 21 04 12 | -68 55 |           |          |       | 434023 |
| 10409  | WOOMERA'BN, AUSTR.    | 9003   | 12 11 | 18 10 30.92 | 12 10 54 | -44 16 |           |          |       | 434023 |
| 10414  | VILLA OLORES'BN, ARG  | 9011   | 12 12 | 5 52 38.72  | 14 16 24 | -66 53 |           |          |       | 434023 |
| 10413  | WOOMERA'BN, AUSTR.    | 9003   | 12 12 | 17 45 50.32 | 11 47 12 | -53 56 |           |          |       | 434023 |
| 10417  | VILLA OLORES'BN, ARG  | 9011   | 12 13 | 1 51 17.96  | 20 42 42 | -66 32 |           |          |       | 434023 |
| 10415  | AREQUIPA'BN, PERU     | 9007   | 12 13 | 9 03 33.23  | 11 10 06 | -25 21 |           |          |       | 434023 |
| 10416  | OLIFANTSFNNT'BN, S.AF | 9002   | 12 13 | 18 38 56.33 | 20 29 54 | -56 32 |           |          |       | 434023 |
| 50158  | LAREDO'RAOAR, TEX.    | 4012   | 12 13 | 21 32 55.5  |          |        | 2 30      | 35 18    | 1100  | 895307 |
| 10418  | AREQUIPA'BN, PERU     | 9007   | 12 14 | 8 39 24.99  | 11 11 18 | -26 35 |           |          |       | 434023 |
| 10419  | OLIFANTSFNNT'BN, S.AF | 9002   | 12 15 | 1 27 33.56  | 8 23 00  | -28 30 |           |          |       | 434023 |
| 10421  | VILLA OLORES'BN, ARG  | 9011   | 12 15 | 4 39 50.21  | 13 25 00 | -67 40 |           |          |       | 434023 |
| 10422  | VILLA OLORES'BN, ARG  | 9011   | 12 15 | 6 26 19.40  | 9 36 36  | -63 13 |           |          |       | 434023 |
| 10420  | AREQUIPA'BN, PERU     | 9007   | 12 15 | 8 14 06.28  | 9 49 06  | -51 53 |           |          |       | 434023 |
| 10423  | WOOMERA'BN, AUSTR.    | 9003   | 12 15 | 11 08 29.49 | 20 34 30 | -65 32 |           |          |       | 434023 |
| 10424  | WOOMERA'BN, AUSTR.    | 9003   | 12 15 | 16 32 43.30 | 11 10 30 | -62 04 |           |          |       | 434023 |
| 10440  | VILLA OLORES'BN, ARG  | 9011   | 12 16 | 0 39 56.65  | 17 12 00 | -84 22 |           |          |       | 434023 |
| 10441  | VILLA OLORES'BN, ARG  | 9011   | 12 16 | 4 15 05.62  | 13 38 36 | -70 41 |           |          |       | 434023 |
| 10442  | VILLA OLORES'BN, ARG  | 9011   | 12 16 | 5 02 24.10  | 9 52 54  | -50 00 |           |          |       | 434023 |
| 10443  | VILLA OLORES'BN, ARG  | 9011   | 12 16 | 7 44 56.35  | 3 49 18  | -20 10 |           |          |       | 434013 |
| 10444  | VILLA OLORES'BN, ARG  | 9011   | 12 16 | 7 50 38.12  | 8 05 36  | 33 02  |           |          |       | 434013 |
| 10430  | WOOMERA'BN, AUSTR.    | 9003   | 12 16 | 16 08 29.81 | 11 03 06 | -61 36 |           |          |       | 434023 |
| 10429  | WOOMERA'BN, AUSTR.    | 9003   | 12 16 | 17 54 38.90 | 6 30 12  | -0 06  |           |          |       | 434013 |
| 10434  | SHIRAZ'BN, IRAN       | 9008   | 12 17 | 2 41 41.09  | 11 21 42 | 44 56  |           |          |       | 434013 |
| 10437  | JUPITER'BN, FLA.      | 9010   | 12 17 | 11 06 02.37 | 11 20 48 | 32 05  |           |          |       | 434013 |
| 10438  | JUPITER'BN, FLA.      | 9010   | 12 17 | 11 06 41.83 | 13 04 12 | 48 09  |           |          |       | 434013 |
| 10428  | ORGAN PASS'BN, N.M.   | 9001   | 12 17 | 12 47 52.30 | 12 48 24 | -0 05  |           |          |       | 434013 |
| 10431  | WOOMERA'BN, AUSTR.    | 9003   | 12 17 | 15 44 11.35 | 10 54 00 | -62 20 |           |          |       | 434023 |
| 10433  | MAINI TAL'BN, INOIA   | 9006   | 12 18 | 0 36 32.74  | 10 45 12 | 46 44  |           |          |       | 434013 |
| 10449  | SHIRAZ'BN, IRAN       | 9008   | 12 18 | 2 17 11.78  | 10 39 42 | 30 08  |           |          |       | 434013 |
| 10445  | VILLA OLORES'BN, ARG  | 9011   | 12 18 | 5 12 15.21  | 5 41 00  | -81 00 |           |          |       | 434023 |
| 10446  | VILLA OLORES'BN, ARG  | 9011   | 12 18 | 5 16 42.98  | 10 52 30 | -14 30 |           |          |       | 434013 |
| 10432  | SAN FERNANDO'BN, SP.  | 5004   | 12 18 | 5 39 31.00  | 13 25 04 | -15 09 |           |          |       | 434013 |
| 10436  | CURACAO'BN, N.W.I.    | 9009   | 12 18 | 8 55 08.07  | 10 46 24 | 8 13   |           |          |       | 434013 |
| 10439  | JUPITER'BN, FLA.      | 9010   | 12 18 | 10 42 10.48 | 12 01 30 | 35 04  |           |          |       | 434013 |
| 10427  | ORGAN PASS'BN, N.M.   | 9001   | 12 18 | 12 24 11.69 | 13 27 30 | 6 14   |           |          |       | 434013 |
| 10447  | MAUI'BN, HAWAII       | 9012   | 12 18 | 15 44 47.45 | 9 01 12  | 62 40  |           |          |       | 434013 |
| 10457  | TOKYO'BN, JAPAN       | 9005   | 12 18 | 20 52 22.50 | 10 21 06 | 38 45  |           |          |       | 434013 |
| 10435  | SHIRAZ'BN, IRAN       | 9008   | 12 19 | 1 52 59.24  | 10 35 12 | 24 21  |           |          |       | 434013 |

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| 10451  | VILLA DOLORES*BN, ARG | 9011   | 12 19 | 4 51 12.51  | 10 22 00 | -32 40 |           |          |       | 434023 |
| 50159  | LAREDO*RAOAR, TEX.    | 4012   | 12 19 | 11 58 51.0  |          |        | 258 48 00 | 45 00 00 | 875   | 895307 |
| 10452  | WOOMERA*BN, AUSTR.    | 9003   | 12 19 | 14 56 28.86 | 10 39 06 | -49 30 |           |          |       | 434023 |
| 10455  | TOKYO*BN, JAPAN       | 9005   | 12 19 | 20 28 15.10 | 10 25 12 | 36 12  |           |          |       | 434013 |
| 10458  | NAINI TAL*BN, INDIA   | 9006   | 12 19 | 23 48 14.92 | 10 56 00 | 38 49  |           |          |       | 434013 |
| 10459  | VILLA DOLORES*BN, ARG | 9011   | 12 20 | 2 38 11.01  | 12 09 42 | -67 44 |           |          |       | 434023 |
| 10460  | VILLA DOLORES*BN, ARG | 9011   | 12 20 | 4 25 27.94  | 9 40 00  | -57 35 |           |          |       | 434023 |
| 10453  | ORGAN PASS*BN, N.M.   | 9001   | 12 20 | 11 36 35.27 | 13 54 42 | 11 41  |           |          |       | 434013 |
| 10456  | TOKYO*BN, JAPAN       | 9005   | 12 20 | 20 05 09.20 | 13 43 30 | 54 25  |           |          |       | 434013 |
| 10462  | VILLA DOLORES*BN, ARG | 9011   | 12 21 | 2 13 11.61  | 12 48 00 | -72 38 |           |          |       | 434023 |
| 10454  | SAN FERNANDO*BN, SP.  | 9004   | 12 21 | 6 12 43.90  | 8 30 12  | 59 45  |           |          |       | 434013 |
| 10461  | ORGAN PASS*BN, N.M.   | 9001   | 12 21 | 12 57 00.07 | 5 54 00  | 57 35  |           |          |       | 434013 |
| 50167  | ASHKHABAD, USSR       | 1006   | 12 22 | 0 43 25.8   | 11 09 48 | -11 42 |           |          |       | 845009 |
| 50168  | ASHKHABAD, USSR       | 1006   | 12 22 | 0 44 39.5   | 12 20 00 | -11 00 |           |          |       | 845009 |
| 10463  | SAN FERNANDO*BN, SP.  | 9004   | 12 22 | 5 48 27.10  | 8 26 06  | 54 22  |           |          |       | 434013 |
| 10465  | WOOMERA*BN, AUSTR.    | 9003   | 12 23 | 13 18 05.65 | 9 56 30  | -67 07 |           |          |       | 434023 |
| 10466  | VILLA DOLORES*BN, ARG | 9011   | 12 24 | 1 00 42.62  | 11 16 12 | -68 54 |           |          |       | 434023 |
| 10468  | VILLA DOLORES*BN, ARG | 9011   | 12 24 | 2 47 47.40  | 8 58 00  | -66 23 |           |          |       | 434023 |
| 50236  | BRATISLAVA*P, CZECH.  | 5702   | 12 24 | 5 06 20.2   | 13 35 42 | 51 24  |           |          |       | 834042 |
| 50169  | KRASNOGAR, USSR       | 1027   | 12 25 | 2 59 44.2   | 10 46    | 64 30  |           |          |       | 845009 |
| 50170  | LVOV, USSR            | 1031   | 12 25 | 4 42 02.5   | 9 40 00  | 25 36  |           |          |       | 845009 |
| 50171  | LVOV, USSR            | 1031   | 12 25 | 4 42 49.1   | 11 26 00 | 39 42  |           |          |       | 845009 |
| 10469  | VILLA DOLORES*BN, ARG | 9011   | 12 26 | 1 57 31.74  | 10 28 00 | -88 32 |           |          |       | 434023 |
| 30268  | ROCHESTER, N.Y.       | 8564   | 12 26 | 11 03 48.2  | 23 00    | 83 13  |           |          |       | 845013 |
| 10471  | VILLA DOLORES*BN, ARG | 9011   | 12 27 | 1 35 13.25  | 8 33 36  | -61 32 |           |          |       | 434023 |
| 10472  | VILLA DOLORES*BN, ARG | 9011   | 12 27 | 3 19 26.61  | 1 44 12  | -37 26 |           |          |       | 434023 |
| 10470  | WOOMERA*BN, AUSTR.    | 9003   | 12 28 | 13 03 14.44 | 4 34 30  | -37 30 |           |          |       | 434023 |
| 50166  | LAREDO*RAOAR, TEX.    | 4012   | 12 28 | 17 16 12    |          |        | 296 36 00 | 44 42 00 | 790   | 895307 |
| 50174  | ORENBURGH, USSR       | 1063   | 12 29 | 3 11 12.9   | 11 00 00 | 29 12  |           |          |       | 845009 |
| 50175  | ORENBURGH, USSR       | 1063   | 12 29 | 3 12 06.2   | 13 38.30 | 28 18  |           |          |       | 845009 |
| 10473  | WOOMERA*BN, AUSTR.    | 9003   | 12 29 | 12 39 03.65 | 4 37 42  | -38 13 |           |          |       | 434023 |
| 50172  | LAREDO*RAOAR, TEX.    | 4012   | 12 29 | 16 54 52.5  |          |        | 147 36 00 | 37 00 00 | 925   | 895307 |
| 50176  | BLAGOVESTCHENSK, USSR | 1010   | 12 29 | 21 44 18.4  | 15 19 00 | 40 30  |           |          |       | 845009 |
| 50177  | BLAGOVESTCHENSK, USSR | 1010   | 12 29 | 21 45 03.1  | 16 39 00 | 27 00  |           |          |       | 845009 |
| 50173  | LAREDO*RAOAR, TEX.    | 4012   | 12 30 | 16 27 52.5  |          |        | 310 48 00 | 45 46 00 | 755   | 895307 |
| 50181  | BLAGOVESTCHENSK, USSR | 1010   | 12 30 | 21 18 47.7  | 9 47 00  | 45 48  |           |          |       | 845009 |
| 50182  | BLAGOVESTCHENSK, USSR | 1010   | 12 30 | 21 20 09.8  | 15 03 48 | 41 06  |           |          |       | 845009 |
| 50178  | ULJANOVSK, USSR       | 1071   | 12 31 | 2 22 35.8   | 12 24 00 | 15 06  |           |          |       | 845009 |
| 50183  | ORENBURGH, USSR       | 1063   | 12 31 | 2 23 04.6   | 10 47 30 | 32 12  |           |          |       | 845009 |
| 50179  | ULJANOVSK, USSR       | 1071   | 12 31 | 2 23 24.7   | 14 08    | 11 30  |           |          |       | 845009 |
| 50184  | ORENBURGH, USSR       | 1063   | 12 31 | 2 23 30.7   | 12 08 00 | 32 12  |           |          |       | 845009 |
| 50180  | ULJANOVSK, USSR       | 1071   | 12 31 | 2 23 49     | 14 47    | 9      |           |          |       | 845009 |

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| 50231  | POTSDAM, GER.   | 2729   | 4 01 | 3 37 27.2  | 17 01 06 | 36 00 |         |          |       | 834009 |
| 50232  | RODEWISCH, GER. | 2733   | 4 02 | 3 14 14.4  | 16 57 54 | 47 12 |         |          |       | 834009 |
| 50188  | POTSDAM, GER.   | 2729   | 4 03 | 2 51 00.5  | 16 28 59 | 36 48 |         |          |       | 834009 |
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| 50190  | POTSDAM, GER.   | 2729   | 4 06 | 1 41 19.7  | 15 31 38 | 37 47 |         |          |       | 834009 |
| 50191  | POTSDAM, GER.   | 2729   | 4 06 | 1 41 36.8  | 15 59 06 | 37 01 |         |          |       | 834009 |
| 50192  | POTSDAM, GER.   | 2729   | 4 06 | 1 42 12.0  | 16 58 12 | 34 03 |         |          |       | 834009 |
| 50193  | POTSDAM, GER.   | 2729   | 4 07 | 1 18 04.9  | 15 12 15 | 38 00 |         |          |       | 834009 |
| 50194  | POTSDAM, GER.   | 2729   | 4 08 | 0 54 49.5  | 14 53 32 | 38 11 |         |          |       | 834009 |
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| 50199  | POTSDAM, GER.   | 2729   | 4 15 | 21 50 52.8 | 15 34 30 | 26 38 |         |          |       | 834009 |
| 50200  | POTSDAM, GER.   | 2729   | 4 16 | 21 25 28.7 | 11 56 22 | 37 59 |         |          |       | 834009 |
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