

# 2012 IARU HF World Championships Scores

Scores are sorted first by ITU Zone, then by ARRL/RAC Section or DXCC entity within the zone. For US stations, they are sorted first by US call area within the zone. Next they are sorted by operating category (A=Single Op Mixed Mode, B=Single Op Phone Only, C=Single Op CW Only, D=Multioperator) then by power for single operator categories (A=QRP, B=Low, C=High).

## Zone 1

### Alaska

AL1G 16,796 218 26 A C  
 KL2R (N1TX, op)

AL9A 44,290 302 43 D C

### Poland

SQ9DXT 210 14 15 B B

## Zone 2

### Alberta

VE6EX 307,781 1,063 97 A B

VE6BMX 48,203 277 59 A B

VE6/SP9FKQ 15,680 148 35 C B

VE6AX 9,756 99 36 C B

### British Columbia

VE7CC 1,256,855 1,901 205 A C

VE7NS 30,780 153 60 B B

VE7RSV 2,507 37 23 B B

VA7HZ 4,898 54 31 B C

VE7JH 293,436 715 132 C B

VE7DDG (VE7DS, op)

12,840 97 40 C B

VA7MM 4,368 48 26 C B

VA7VJ 3,192 46 21 C B

VA7ST 363,580 823 140 C C

VA7KO 334,404 826 126 C C

VA7RN 9,141 91 33 C C

VE7IO 195,936 651 96 D C

VE7KW 52,156 255 68 D C

VA7DZ 48,960 254 60 D C

VE7NA (VA7KLB, VE7FCO, VE7GTB,

VE7LSE, VE7BGP, ops)

7,718 73 34 D C

CG7CWPC (VE7PNJ & VE7EES, ops)

2,085 35 15 D C

## Zone 3

### Manitoba

VE4YU 116,760 364 105 A B

VE4VT (VE4EAR, op)

97,175 275 115 A C

### Saskatchewan

VE5ZX 126,420 444 86 C B

VE5KS 84,065 303 85 C B

VE5MX 15,252 122 41 C C

## Zone 4

### Ontario

VE3HED 20,296 114 59 A B

VE3RCN 18,639 115 57 A B

VA3WU 4,970 50 35 A B

XM3AT (VE3AT, op)

2,690,688 2,628 273 A C

VE3EJ 2,639,990 2,561 274 A C

VE3CR 252,650 514 155 A C

VE3JM 104,293 507 47 A C

VE3TW 93,240 272 111 A C

VE3CX 37,666 183 74 A C

VA3GD 44,979 179 87 B B

VA3TPS 40,888 184 76 B B

VA3LUK 10,812 80 51 B B

VA3GKO 5,376 54 32 B B

VE3AD 663 17 13 B B

VA3XH 114,625 299 131 B C

VA3YOJ 101,038 293 98 B C

VE3NLE 55 5 5 B C

VE3MGY 39,600 274 50 C A

VA3RKM 27,189 179 53 C A

VE3IGJ 17,028 134 43 C A

VE3GTC 1,331 41 11 C A

VA3RJ 1,095 25 15 C A

VE3KI 361,200 678 168 C B

VE3IAE 202,488 540 118 C B

XM3FH (VE3FH, op)

148,612 464 106 C B

VE3OM 99,617 275 107 C B

VE3KAO 63,840 304 70 C B

VA3ATT 8,992 89 32 C B

VA3FN 5,096 70 26 C B

VE3/YO2GL 224 12 7 C B

VE3MM 45,356 228 58 C C

VE3YAA (VE3DZ, VE3FJ, VE3FWA, VE3MA,

VE3NFR, ops)

1,255,093 1,763 199 D C

VE3UTT (+ VE3EK & VE3EY)

1,237,110 1,639 210 D C

VE3MIS (VE3VE, VE3IMG, VA3JK, ops)

769,700 1,286 179 D C

VE3CWU 38,571 205 69 D C

VE3NR 432 14 9 D C

### Quebec

VA2SG 125 11 5 A A

VE2EBK 25,014 115 66 B B

VA2GN 6,086 59 34 B B

VA2UTC 1,350 34 15 B B

VA2WA (VA2WDQ, op)

1,055,640 1,348 228 C B

VE2QY 74,160 295 80 C B

VE2KOT 3,480 60 20 C B

VE2QV 3,404 52 23 C B

VE2NGH (+ VA2UTC & VE2EGN)

213,788 497 116 D C

VA2RAC (VE2AWR & VA2RIO, ops)

106,555 353 101 D C

## Zone 5

### 2

#### NYC-Long Island

KC2JRQ 40 4 4 B A

**Zone 6****6****East Bay**

|                     |           |       |     |   |   |
|---------------------|-----------|-------|-----|---|---|
| KJ6MBW (VK2IMM, op) |           |       |     |   |   |
|                     | 128,415   | 429   | 105 | A | B |
| W6NV                | 1,417,725 | 1,817 | 225 | A | C |
| N6ORB               | 2,420     | 35    | 20  | B | B |
| K6AAX               | 277,065   | 687   | 131 | B | C |
| K6JAT               | 113,876   | 368   | 98  | B | C |
| WB6BDD              | 1,456     | 33    | 16  | C | A |
| N6BHX               | 12,728    | 128   | 37  | C | B |
| KI6OY               | 3,216     | 69    | 16  | C | B |
| AK6W                | 1,030,380 | 1,512 | 195 | C | C |
| N6DA                | 16,632    | 138   | 44  | D | C |
| NS6T                | 767       | 25    | 13  | D | C |

**Los Angeles**

|                 |         |       |     |   |   |
|-----------------|---------|-------|-----|---|---|
| W6AQ            | 38,367  | 199   | 63  | A | A |
| N6MI            | 188,980 | 544   | 110 | A | B |
| NX7F            | 616     | 28    | 11  | A | B |
| NI6W (W4EF, op) |         |       |     |   |   |
|                 | 865,928 | 1,398 | 196 | A | C |
| N6TCZ           | 5,040   | 50    | 30  | A | C |
| AG6AN           | 22,344  | 140   | 57  | B | B |
| K6DSW           | 12,936  | 106   | 44  | B | B |
| K6MUG           | 1,134   | 23    | 14  | B | B |
| KJ6BBX          | 12      | 2     | 2   | B | B |
| W6AFA           | 525,480 | 1,122 | 151 | B | C |
| KM6Z            | 28,512  | 188   | 54  | C | A |
| N6HE            | 44,153  | 221   | 67  | C | C |
| N6AA            | 5,035   | 103   | 19  | C | C |
| N6QQ            | 393,624 | 626   | 198 | D | C |
| NK6A            | 50,176  | 276   | 56  | D | C |
| W6KC            | 35,174  | 274   | 43  | D | C |

**Orange**

|        |         |     |     |   |   |
|--------|---------|-----|-----|---|---|
| NN6CH  | 150,000 | 546 | 100 | A | B |
| N6GP   | 49,434  | 210 | 77  | A | C |
| K6PB   | 18,772  | 170 | 38  | C | B |
| NC6V   | 7,967   | 95  | 31  | C | B |
| N6CHU  | 6,475   | 87  | 25  | C | B |
| NT6X   | 260,406 | 792 | 111 | C | C |
| KE6GFI | 6,596   | 54  | 34  | D | C |
| N6WIN  | 3,100   | 54  | 25  | D | C |
| K6OGO  | 1,312   | 20  | 16  | D | C |

**Sacramento Valley**

|       |         |     |     |   |   |
|-------|---------|-----|-----|---|---|
| ND6S  | 8,492   | 57  | 44  | A | B |
| KQ6X  | 3,784   | 60  | 22  | A | B |
| N6DZR | 3,335   | 33  | 29  | A | B |
| K7XE  | 51,350  | 198 | 79  | B | B |
| K9JM  | 936     | 24  | 12  | C | B |
| K6DGQ | 441     | 17  | 9   | C | B |
| K6LRN | 109,505 | 291 | 121 | C | C |
| W6RKC | 51,756  | 227 | 76  | C | C |
| W1SRD | 282,897 | 623 | 129 | D | C |
| K6III | 28,304  | 146 | 58  | D | C |
| K6ST  | 21,620  | 168 | 46  | D | C |

**San Diego**

|                  |           |       |     |   |   |
|------------------|-----------|-------|-----|---|---|
| W6YI (K6AM, op)  |           |       |     |   |   |
|                  | 1,426,095 | 2,077 | 215 | A | C |
| WN6K             | 138,775   | 683   | 65  | A | C |
| W6QU (W8QZA, op) |           |       |     |   |   |
|                  | 52,569    | 207   | 81  | B | A |
| WA3YTI           | 1,656     | 28    | 18  | B | B |
| WA6DBC           | 47,885    | 253   | 61  | C | A |

|  |           |       |     |   |   |
|--|-----------|-------|-----|---|---|
| AA6EE  | 33,705    | 181   | 63  | C | B |
| K6NA   | 1,188,556 | 1,618 | 214 | C | C |
| NX6T (WQ6X, KI6RRQ, K4RB, K6GO,<br>N6OHS, N6KI, AF6WF, K6KAL, NN6X,<br>N6EEG, ops) |           |       |     |   |   |
|  | 833,831   | 1,499 | 167 | D | C |

|      |         |     |     |   |   |
|------|---------|-----|-----|---|---|
| N6NC | 222,758 | 570 | 127 | D | C |
|------|---------|-----|-----|---|---|

**San Francisco**

|        |        |    |    |   |   |
|--------|--------|----|----|---|---|
| W6IYS  | 17,472 | 98 | 48 | A | B |
| AE6YB  | 5,508  | 76 | 27 | B | B |
| K6JB   | 1,152  | 30 | 16 | B | B |
| KJ6ANT | 33     | 3  | 3  | B | B |
| W6FCS  | 588    | 14 | 14 | B | C |

**San Joaquin Valley**

|        |         |     |    |   |   |
|--------|---------|-----|----|---|---|
| KJ6MQM | 1,482   | 40  | 13 | B | A |
| KJ6HBY | 22,344  | 139 | 56 | B | B |
| K6MI   | 819     | 19  | 13 | C | A |
| N6EE   | 114,908 | 383 | 92 | C | B |
| K6AAB  | 59,428  | 252 | 83 | C | B |
| K6CSL  | 26,260  | 179 | 52 | C | B |
| N2NS   | 4,814   | 50  | 29 | C | C |
| W6DPD  | 6,084   | 56  | 39 | D | C |

**Santa Barbara**

|                 |         |       |     |   |   |
|-----------------|---------|-------|-----|---|---|
| WA6FGV          | 176,995 | 669   | 91  | A | B |
| K6RQT           | 5,928   | 82    | 26  | A | B |
| W6TK            | 811,787 | 1,487 | 167 | A | C |
| AD6LV           | 9,900   | 69    | 44  | B | C |
| KA3DRR (@ W6SL) |         |       |     |   |   |
|                 | 323,850 | 987   | 102 | C | C |

**Santa Clara Valley**

|                          |           |       |     |   |   |
|--------------------------|-----------|-------|-----|---|---|
| W6YX (K6UFO, op)         |           |       |     |   |   |
|                          | 77,448    | 310   | 84  | A | A |
| KM6I                     | 57,270    | 296   | 69  | A | B |
| N6NF                     | 4,788     | 73    | 28  | A | B |
| K6XX                     | 1,493,063 | 2,245 | 197 | A | C |
| K6GHA                    | 112,350   | 312   | 107 | B | B |
| AG6HE                    | 960       | 22    | 16  | B | B |
| KG6TYB                   | 1         | 1     | 1   | B | B |
| N5ILN                    | 42        | 6     | 3   | C | A |
| KZ2V                     | 25,897    | 175   | 47  | C | B |
| K6KQV                    | 14,715    | 125   | 45  | C | B |
| N6TV                     | 1,304,772 | 1,949 | 196 | C | C |
| K9YC                     | 635,828   | 1,203 | 164 | C | C |
| ND2T                     | 119,427   | 529   | 77  | C | C |
| W6GJB                    | 13,545    | 99    | 45  | C | C |
| K6MMM (KE1B & W6NN, ops) |           |       |     |   |   |
|                          | 404,192   | 934   | 136 | D | C |
| K6MM                     | 266,084   | 714   | 119 | D | C |
| K2RD                     | 49,896    | 220   | 81  | D | C |

**7****Arizona**

|        |         |     |     |   |   |
|--------|---------|-----|-----|---|---|
| W0PAN  | 38,290  | 195 | 70  | A | B |
| K7TR   | 4,669   | 91  | 23  | A | B |
| W7PP   | 127,012 | 370 | 113 | A | C |
| W7ON   | 31,320  | 143 | 72  | A | C |
| W6ZQ   | 25,122  | 176 | 53  | A | C |
| K7HP   | 2,600   | 40  | 26  | A | C |
| KF7GYE | 11,160  | 102 | 36  | B | B |
| W2AJW  | 2,632   | 34  | 28  | B | B |
| KY7K   | 1,900   | 37  | 20  | B | B |
| W7JSD  | 1,196   | 36  | 13  | B | B |
| KG9JP  | 585     | 15  | 15  | B | B |
| WB7TPH | 264     | 11  | 8   | B | B |

|                           |           |       |     |   |   |                           |           |       |     |   |   |
|---------------------------|-----------|-------|-----|---|---|---------------------------|-----------|-------|-----|---|---|
| N7IR                      | 37,200    | 206   | 62  | C | A | W7WHY                     | 12,136    | 114   | 37  | D | C |
| K7WP                      | 566,202   | 996   | 183 | C | B | <b>Utah</b>               |           |       |     |   |   |
| N6MA                      | 526,566   | 1,186 | 149 | C | C | N7SMI                     | 11,866    | 139   | 34  | A | B |
| W7SW                      | 31,213    | 197   | 49  | C | C | K7UT                      | 203,280   | 593   | 112 | A | C |
| W6XI                      | 416       | 24    | 8   | C | C | KB6BYU                    | 15,165    | 123   | 45  | B | B |
| W6SDM                     | 46,084    | 188   | 82  | D | C | K9JWV                     | 3,912     | 67    | 24  | C | A |
| NQ7R                      | 38,304    | 162   | 84  | D | C | K7ULS                     | 3,230     | 78    | 17  | C | B |
| W6RLL                     | 27,724    | 146   | 58  | D | C | AD7KG                     | 5,876     | 78    | 26  | C | C |
| K7JQ                      | 14,405    | 117   | 43  | D | C | W7CT (+ NG7M)             | 644,324   | 1,390 | 158 | D | C |
| KF7NMD                    | 4,368     | 52    | 28  | D | C | K7VNH (+ WI7J)            | 47,806    | 354   | 53  | D | C |
| K7MY                      | 1,092     | 30    | 13  | D | C | K7DAC                     | 6,405     | 55    | 35  | D | C |
| KY7M                      | 884       | 26    | 13  | D | C | <b>Western Washington</b> |           |       |     |   |   |
| <b>Eastern Washington</b> |           |       |     |   |   | K7RL                      | 1,286,734 | 2,020 | 199 | A | C |
| WA0WWW                    | 42,458    | 234   | 71  | A | B | N7RVD                     | 17,160    | 112   | 52  | A | C |
| AD0H                      | 5,562     | 72    | 27  | A | B | W7WEC                     | 14,326    | 117   | 38  | B | B |
| KC7H                      | 885       | 23    | 15  | A | B | W7SLS                     | 1,224     | 28    | 18  | B | B |
| KW7N                      | 6,516     | 69    | 36  | B | B | AD7MC                     | 1,088     | 30    | 16  | B | B |
| KK7VL                     | 3,050     | 44    | 25  | B | B | K9QJS                     | 350       | 15    | 10  | B | B |
| KB7HDX                    | 1,035     | 25    | 15  | B | B | W7WA                      | 1,508,046 | 2,095 | 222 | B | C |
| K7GS                      | 8,514     | 92    | 33  | C | B | W7PU                      | 40,782    | 355   | 42  | B | C |
| K7EIQ                     | 4,040     | 70    | 20  | C | B | K2AVI                     | 6,480     | 76    | 30  | B | C |
| WA7LT                     | 341,547   | 945   | 111 | C | C | K7QQ                      | 53,235    | 323   | 63  | C | B |
| W6AEA                     | 263,889   | 835   | 109 | C | C | K7BX                      | 39,614    | 255   | 58  | C | B |
| <b>Idaho</b>              |           |       |     |   |   | W7QN                      | 13,244    | 124   | 43  | C | B |
| N7VEA                     | 22,184    | 126   | 59  | A | B | AB7RW                     | 7,392     | 71    | 32  | C | B |
| AB7LA                     | 9,156     | 80    | 42  | B | B | W7VXS                     | 6,700     | 98    | 25  | C | B |
| WJ9B                      | 363,465   | 991   | 123 | C | B | NG7Z                      | 125,050   | 515   | 82  | C | C |
| N7GOA                     | 826       | 19    | 14  | C | B | K6KR                      | 4,580     | 85    | 20  | C | C |
| K0IP                      | 17,621    | 85    | 67  | D | C | W7IJ (+ K7LAZ & K7MO)     | 504,431   | 831   | 191 | D | C |
| W7ZRC                     | 9,879     | 81    | 37  | D | C | W7VJ (+ K0PJ & N7NM)      | 92,418    | 386   | 73  | D | C |
| <b>Montana</b>            |           |       |     |   |   | KD7H                      | 7,192     | 66    | 31  | D | C |
| AE7AP                     | 6,724     | 56    | 41  | A | B | KU7T                      | 3,550     | 50    | 25  | D | C |
| KF7IWA                    | 870       | 47    | 6   | A | B | <b>Zone 7</b>             |           |       |     |   |   |
| KS7T                      | 174,464   | 704   | 94  | A | C | <b>Colorado</b>           |           |       |     |   |   |
| KJ9C/7                    | 52,715    | 309   | 65  | C | B | N5AW/0                    | 169,719   | 411   | 139 | A | B |
| N9RV                      | 1,570,176 | 2,102 | 232 | C | C | K0ALT                     | 11,214    | 93    | 42  | A | C |
| N3RC                      | 94,976    | 542   | 64  | D | C | KD0OYE                    | 18,018    | 186   | 33  | B | B |
| <b>Nevada</b>             |           |       |     |   |   | WB9KPT                    | 9,078     | 95    | 34  | B | B |
| N7UR                      | 30,016    | 152   | 67  | A | B | N2SRK                     | 1,620     | 46    | 15  | B | B |
| WU6W                      | 33,768    | 182   | 67  | A | C | N0RHA                     | 672       | 20    | 12  | B | B |
| KF7ORO                    | 182       | 12    | 7   | C | B | K9MWM                     | 224,016   | 774   | 104 | B | C |
| N7YQ                      | 97,520    | 280   | 106 | C | C | W0ETT                     | 202,027   | 507   | 133 | C | B |
| N7TR                      | 31,265    | 229   | 37  | C | C | K0FX                      | 136,530   | 374   | 123 | C | B |
| <b>Oregon</b>             |           |       |     |   |   | K0FTC                     | 14,448    | 130   | 43  | C | B |
| K2PO                      | 646,600   | 1,053 | 200 | A | B | W0UA                      | 1,467,252 | 2,073 | 212 | C | C |
| N7VS                      | 1,001     | 33    | 11  | A | B | K6XT                      | 249,340   | 551   | 140 | C | C |
| NK7U (N6MJ, op)           | 1,767,987 | 2,529 | 219 | A | C | N0KE (+ KR7C)             | 176,500   | 464   | 125 | D | C |
| KD7MSC                    | 68,226    | 286   | 83  | A | C | AD1C                      | 146,276   | 423   | 116 | D | C |
| KF7GNI                    | 61,290    | 227   | 90  | A | C | W0RAA                     | 24,276    | 170   | 51  | D | C |
| K7VIT                     | 20,049    | 171   | 41  | A | C | K0UK                      | 8,990     | 94    | 31  | D | C |
| K7JKM                     | 2,544     | 38    | 24  | B | B | N0AC (+ KB0JSH)           | 2,628     | 58    | 18  | D | C |
| W7FP                      | 7,280     | 104   | 26  | B | C | <b>Iowa</b>               |           |       |     |   |   |
| NX1P                      | 513       | 21    | 9   | C | A | N0SFH                     | 765       | 21    | 17  | A | B |
| W7YAQ                     | 566,019   | 977   | 183 | C | B | W0EWD (@ N0NI)            | 1,293,796 | 1,983 | 196 | A | C |
| N6PZ                      | 1,650     | 42    | 15  | C | B | KD0JHW                    | 3,256     | 52    | 22  | B | B |
| W07V                      | 1,320     | 50    | 11  | C | B | W0PPF                     | 10,131    | 99    | 33  | B | C |
| W7YMS                     | 1,131     | 25    | 13  | C | B | KK0G                      | 6,006     | 110   | 21  | C | A |
| K7RF                      | 344,350   | 701   | 142 | C | C |                           |           |       |     |   |   |
| K7ZS                      | 229,500   | 726   | 102 | C | C |                           |           |       |     |   |   |
| WS7L                      | 120,768   | 462   | 96  | C | C |                           |           |       |     |   |   |
| NE7D                      | 86,856    | 583   | 56  | C | C |                           |           |       |     |   |   |
| N6TW                      | 67,235    | 239   | 85  | C | C |                           |           |       |     |   |   |
| N7XU                      | 193,372   | 497   | 116 | D | C |                           |           |       |     |   |   |

|                         |           |       |     |   |   |
|-------------------------|-----------|-------|-----|---|---|
| N9HDE                   | 3,816     | 86    | 18  | C | B |
| NCØO                    | 100,340   | 259   | 116 | C | C |
| <b>Kansas</b>           |           |       |     |   |   |
| AAØFO                   | 155,794   | 437   | 122 | A | B |
| KCØDEB                  | 72,360    | 254   | 90  | A | B |
| KØBJ                    | 313,649   | 617   | 173 | A | C |
| KCØFUE                  | 108       | 8     | 6   | B | B |
| KØRH                    | 441,189   | 1,043 | 141 | B | C |
| WØCEM                   | 2,608     | 51    | 16  | B | C |
| KØVBU                   | 80,892    | 325   | 84  | C | B |
| WØUY                    | 50,568    | 200   | 86  | C | B |
| NØNB                    | 11,865    | 113   | 35  | C | B |
| NØXM                    | 48,114    | 251   | 66  | C | C |
| KØAP                    | 2,150     | 34    | 25  | D | C |
| <b>Minnesota</b>        |           |       |     |   |   |
| KØAD                    | 401,718   | 1,051 | 138 | A | B |
| KØTNT                   | 729       | 33    | 9   | A | B |
| KØSR                    | 1,179,684 | 1,968 | 198 | A | C |
| KCØVFP                  | 240       | 12    | 8   | A | C |
| KØVG                    | 4,368     | 60    | 28  | B | B |
| KØBUD                   | 61,344    | 203   | 96  | B | C |
| KA8HDE                  | 17,892    | 209   | 36  | C | A |
| KØPK                    | 149,930   | 505   | 110 | C | B |
| KØMPH                   | 115,584   | 444   | 96  | C | B |
| WBØN                    | 61,778    | 280   | 79  | C | B |
| KCØURL                  | 22,795    | 181   | 47  | C | B |
| WØERP                   | 2,670     | 66    | 15  | C | B |
| K9DU                    | 313,313   | 707   | 143 | C | C |
| KØJJR                   | 47,652    | 248   | 66  | C | C |
| NØBUI                   | 29,520    | 160   | 60  | C | C |
| NØAT (+ KØBBC)          | 855,768   | 1,498 | 197 | D | C |
| KØKX                    | 403,949   | 567   | 193 | D | C |
| K4IU                    | 120,890   | 405   | 110 | D | C |
| WGØM                    | 89,462    | 413   | 82  | D | C |
| KØRC                    | 44,488    | 200   | 83  | D | C |
| AAØAW (+ NØTCR & NØUOZ) | 39,370    | 231   | 62  | D | C |
| WØAD                    | 32,287    | 129   | 83  | D | C |
| KDØCVO                  | 2,425     | 29    | 25  | D | C |
| <b>Missouri</b>         |           |       |     |   |   |
| KØOU                    | 175,824   | 534   | 111 | A | A |
| W7KAM                   | 17,472    | 120   | 52  | B | B |
| KFØSV                   | 4,495     | 61    | 29  | B | B |
| K8MCN                   | 1,729     | 31    | 19  | B | B |
| KDØGCL                  | 1,635     | 33    | 15  | B | B |
| KØARY                   | 107,066   | 367   | 94  | B | C |
| NVØU                    | 3,072     | 48    | 24  | C | A |
| NØAX                    | 194,361   | 611   | 111 | C | B |
| WDØECO                  | 76,092    | 407   | 68  | C | B |
| KIØI                    | 66,132    | 248   | 99  | C | B |
| KSØM                    | 39,300    | 176   | 75  | C | B |
| KØCA                    | 75,145    | 219   | 113 | D | C |
| <b>Nebraska</b>         |           |       |     |   |   |
| NØUJT                   | 7,308     | 88    | 29  | A | B |
| A17Q                    | 4,706     | 73    | 26  | A | B |
| NØHTV                   | 26,063    | 153   | 67  | B | B |
| WØUVC                   | 21,300    | 104   | 75  | B | C |
| NEØDX                   | 7,399     | 55    | 49  | B | C |
| <b>South Dakota</b>     |           |       |     |   |   |
| WBØTSR                  | 105,374   | 295   | 118 | B | B |
| KTØA                    | 149,142   | 493   | 106 | C | B |
| KØJV                    | 33,524    | 200   | 58  | C | B |
| KØVVX                   | 39,270    | 223   | 66  | D | C |

## 5

### Arkansas

|                   |           |       |     |   |   |
|-------------------|-----------|-------|-----|---|---|
| WA5SOG            | 100,580   | 296   | 107 | A | B |
| K5GTO             | 3,725     | 51    | 25  | A | B |
| N5DX              | 2,294,334 | 2,691 | 262 | A | C |
| N7FF              | 16,674    | 147   | 42  | A | C |
| W5KI              | 6,592     | 74    | 32  | C | C |
| K5KDX (K5KDL, op) | 42,944    | 146   | 88  | D | C |

### Louisiana

|        |           |       |     |   |   |
|--------|-----------|-------|-----|---|---|
| N8OO   | 1,870,429 | 2,315 | 253 | A | C |
| N5VU   | 76,622    | 294   | 91  | A | C |
| KC5WA  | 19,415    | 121   | 55  | B | A |
| KE5UTN | 29,835    | 157   | 65  | B | B |
| W5WMU  | 1,189,377 | 1,813 | 217 | B | C |
| K5ER   | 424,080   | 782   | 171 | B | C |
| KZ5D   | 938,067   | 1,481 | 201 | C | C |
| KG5VK  | 16,992    | 88    | 59  | D | C |
| W4JHC  | 2,806     | 44    | 23  | D | C |

### Mississippi

|        |         |     |     |   |   |
|--------|---------|-----|-----|---|---|
| WA5OYU | 479,675 | 953 | 175 | B | C |
| N5CW   | 266,336 | 800 | 112 | C | B |

### New Mexico

|       |         |     |     |   |   |
|-------|---------|-----|-----|---|---|
| K7IA  | 319,088 | 734 | 148 | A | C |
| WA5J  | 1,280   | 34  | 16  | C | A |
| NF5Y  | 66,151  | 279 | 83  | C | B |
| W5TTE | 4,032   | 56  | 24  | C | B |
| NØLVA | 1,246   | 31  | 14  | D | C |

### North Texas

|                                  |         |       |     |   |   |
|----------------------------------|---------|-------|-----|---|---|
| N1CC                             | 181,830 | 660   | 95  | A | B |
| W5WRE                            | 1,530   | 28    | 17  | A | B |
| N5TIT                            | 1,440   | 48    | 10  | A | B |
| K5RX                             | 445,985 | 781   | 191 | A | C |
| K5RT                             | 392,754 | 935   | 134 | A | C |
| N5JR                             | 288,840 | 590   | 145 | A | C |
| N5UI                             | 50,925  | 241   | 75  | A | C |
| K5RDO                            | 32,453  | 129   | 83  | B | B |
| K5CX                             | 25,300  | 138   | 46  | B | B |
| NW5Q                             | 20,618  | 122   | 61  | B | B |
| K9GWB                            | 5,488   | 70    | 28  | B | B |
| W5JDA                            | 3,380   | 51    | 20  | B | B |
| N5MOA                            | 1,870   | 25    | 22  | B | B |
| AD5XD                            | 250,560 | 756   | 116 | B | C |
| KE5FXE                           | 32,193  | 233   | 49  | B | C |
| W5JNP                            | 26,334  | 148   | 63  | B | C |
| KC5GOI                           | 11,044  | 89    | 44  | B | C |
| WXØB (AD5Q, op)                  | 792,064 | 1,384 | 182 | C | B |
| W5RYA                            | 222,885 | 647   | 117 | C | B |
| K5ND                             | 93,436  | 326   | 94  | C | B |
| NM5M                             | 36,960  | 248   | 55  | C | B |
| KX5G                             | 31,350  | 192   | 55  | C | B |
| K5QR                             | 28,202  | 156   | 59  | C | B |
| K5BG                             | 146,932 | 422   | 109 | C | C |
| WØVX                             | 76,268  | 263   | 92  | C | C |
| W5OV                             | 3,417   | 63    | 17  | C | C |
| K5GH                             | 118,204 | 331   | 116 | D | C |
| NY5B (+ W3TUA)                   | 63,217  | 293   | 77  | D | C |
| W7FKF                            | 12,690  | 80    | 47  | D | C |
| WB5KSD                           | 11,999  | 75    | 71  | D | C |
| W5NFL (+ KE5CDK, KE5YPH, KF5KHS) | 3,990   | 49    | 30  | D | C |

**Oklahoma**

|                              |        |     |    |   |   |
|------------------------------|--------|-----|----|---|---|
| AF5CC                        | 69,810 | 323 | 78 | A | B |
| WDØGTY                       | 13,755 | 139 | 35 | A | B |
| W5TJS                        | 2,231  | 33  | 23 | B | B |
| WA9AFM/5                     | 1,110  | 28  | 15 | B | B |
| N5XE                         | 12,470 | 100 | 43 | C | B |
| AA4BG                        | 2,940  | 81  | 12 | C | B |
| KK5JY                        | 15,720 | 137 | 40 | C | C |
| WD5IYF (N5DXQ, K5WPN, W5CCR) | 34,648 | 172 | 71 | D | C |

**South Texas**

|                              |           |       |     |   |   |
|------------------------------|-----------|-------|-----|---|---|
| WA5DSS                       | 477       | 15    | 9   | A | A |
| K5GN                         | 1,948,960 | 2,250 | 260 | A | C |
| N5DTT                        | 26,390    | 128   | 65  | B | B |
| KA5WSS                       | 25,806    | 138   | 69  | B | B |
| WA5IYX                       | 6,510     | 81    | 30  | B | B |
| K3TD                         | 378       | 12    | 9   | B | B |
| K5TR                         | 1,651,104 | 2,279 | 224 | B | C |
| N5PJY                        | 49,706    | 305   | 58  | C | A |
| W5GAI                        | 9,660     | 103   | 28  | C | A |
| KØGEO                        | 140,556   | 474   | 102 | C | B |
| N5KWN                        | 79,744    | 432   | 64  | C | B |
| WD5IYT                       | 56,334    | 201   | 82  | C | B |
| W5JBO                        | 13,858    | 122   | 41  | C | B |
| AA5VU                        | 13,104    | 118   | 42  | C | B |
| K5PI                         | 10,540    | 130   | 31  | C | B |
| K1QW                         | 1,458     | 35    | 18  | C | B |
| K5WA                         | 1,161,215 | 1,657 | 215 | C | C |
| NX5M (+ KU5B, KJ5T)          | 1,776,060 | 2,026 | 270 | D | C |
| NR5M (+ N1XS)                | 501,294   | 1,159 | 134 | D | C |
| K5QXR                        | 382,764   | 618   | 191 | D | C |
| K5XR (W5ASP, op)             | 174,087   | 605   | 87  | D | C |
| K5DU                         | 50,304    | 166   | 96  | D | C |
| N5XZ                         | 26,444    | 193   | 44  | D | C |
| K5NA (+ Spotting Assistance) | 12,685    | 87    | 59  | D | C |
| K5HM                         | 3,597     | 37    | 33  | D | C |

**West Texas**

|       |         |       |     |   |   |
|-------|---------|-------|-----|---|---|
| N5ZC  | 155,244 | 502   | 102 | A | B |
| N5CLK | 31,008  | 198   | 51  | A | B |
| KE5OG | 66,339  | 259   | 81  | B | B |
| W5RAW | 5,168   | 60    | 34  | B | B |
| K5RZA | 251,988 | 975   | 92  | B | C |
| N5DO  | 578,032 | 1,020 | 182 | C | B |
| K5BZH | 19,035  | 157   | 45  | C | B |
| N5RZ  | 446,732 | 972   | 142 | C | C |

**7****Montana**

|       |       |    |    |   |   |
|-------|-------|----|----|---|---|
| NE4RD | 1,786 | 38 | 19 | A | B |
|-------|-------|----|----|---|---|

**Wyoming**

|       |         |     |     |   |   |
|-------|---------|-----|-----|---|---|
| KO7X  | 207,460 | 654 | 115 | A | C |
| N7MZW | 95,535  | 689 | 55  | B | B |

**9****Illinois**

|        |        |     |    |   |   |
|--------|--------|-----|----|---|---|
| KC9TEZ | 6      | 2   | 1  | A | C |
| A19K   | 15,720 | 151 | 40 | C | A |

**Zone 8****Kansas**

|        |       |    |    |   |   |
|--------|-------|----|----|---|---|
| KCØNYK | 1,584 | 28 | 22 | B | B |
|--------|-------|----|----|---|---|

**1****Connecticut**

|        |           |       |     |   |   |
|--------|-----------|-------|-----|---|---|
| KA1WIF | 111,320   | 298   | 115 | A | B |
| K11U   | 71,004    | 268   | 97  | A | B |
| KQ2M   | 1,305,180 | 1,773 | 180 | A | C |
| WC1Y   | 10,950    | 77    | 50  | B | B |
| NN1N   | 2,239,050 | 2,486 | 275 | C | C |
| W1QK   | 9,600     | 78    | 50  | D | C |
| WJ1B   | 5,017     | 81    | 29  | D | C |
| N1MM   | 9         | 3     | 3   | D | C |

**Eastern Massachusetts**

|                                 |           |       |     |   |   |
|---------------------------------|-----------|-------|-----|---|---|
| K1TW                            | 1,330     | 32    | 19  | A | A |
| W8TOM                           | 65,142    | 301   | 94  | A | B |
| K1LZ                            | 2,243,568 | 2,384 | 258 | A | C |
| N1HOQ                           | 3,135     | 35    | 33  | B | B |
| N1WRK                           | 360       | 14    | 12  | B | B |
| W1PL                            | 105,141   | 473   | 101 | B | C |
| AD1DX                           | 97,686    | 265   | 134 | B | C |
| W2JU                            | 18,720    | 146   | 60  | C | A |
| K1GGI                           | 198,867   | 485   | 151 | C | B |
| KE1J                            | 89,385    | 369   | 101 | C | B |
| N1NN                            | 49,932    | 298   | 73  | C | B |
| K1MC                            | 4,185     | 71    | 31  | C | B |
| W1FJ                            | 376,873   | 829   | 119 | C | C |
| W1LWH                           | 198,505   | 427   | 145 | C | C |
| W1EBI                           | 17,748    | 124   | 51  | C | C |
| N1TB (+ KA1IOR & K3NCJ)         | 684,388   | 1,106 | 173 | D | C |
| W1HH (N1IW, WO1N, W1STT, ops)   | 557,796   | 1,037 | 188 | D | C |
| N1IL (+ K1KI & K5ZD)            | 456,402   | 877   | 174 | D | C |
| W1MA (+ K1RX & K5ZD)            | 343,743   | 803   | 149 | D | C |
| W1MJ (+ K1IB, K9HI, N1SV, NB1N) | 279,360   | 914   | 120 | D | C |
| W1FM                            | 99,841    | 345   | 119 | D | C |
| WA1AR                           | 22,750    | 205   | 50  | D | C |
| ND1T                            | 3,264     | 38    | 32  | A | B |
| KB1HNZ                          | 4,026     | 50    | 33  | B | A |
| N1OXA                           | 40,572    | 163   | 92  | B | B |
| W2IY                            | 28,028    | 129   | 77  | C | B |
| K1ESE                           | 21,594    | 152   | 59  | C | B |
| KA1RFD                          | 120       | 14    | 6   | C | B |
| K1IMI                           | 839,679   | 1,515 | 159 | C | C |
| K1JB                            | 28,652    | 113   | 76  | D | C |

**New Hampshire**

|        |         |       |     |   |   |
|--------|---------|-------|-----|---|---|
| W1MR   | 121,164 | 302   | 138 | A | A |
| N1KWF  | 36,524  | 306   | 46  | A | C |
| W1MSN  | 16,638  | 106   | 59  | A | C |
| KA2KON | 62,445  | 187   | 115 | B | B |
| NF1L   | 10,434  | 84    | 47  | B | B |
| AA1CA  | 125,969 | 379   | 103 | C | A |
| K8CN   | 90,725  | 395   | 95  | C | A |
| WA1Z   | 883,361 | 1,515 | 199 | C | B |
| KB1T   | 291,196 | 527   | 172 | C | B |
| W1END  | 59,565  | 245   | 95  | C | B |
| K1TR   | 14,801  | 139   | 41  | C | B |
| AE1T   | 6,204   | 74    | 33  | C | B |

|                                   |           |       |     |   |   |
|-----------------------------------|-----------|-------|-----|---|---|
| W3UA                              | 1,601,775 | 1,965 | 225 | C | C |
| KØDQ (+ WW1WW, KK1KW, N4OC, KM3T) | 2,988,014 | 2,888 | 293 | D | C |
| K1KXN                             | 5,244     | 58    | 38  | D | C |
| NF1O                              | 507       | 27    | 13  | D | C |
| NE1F                              | 182       | 8     | 7   | D | C |

#### Rhode Island

|      |         |     |     |   |   |
|------|---------|-----|-----|---|---|
| KS1J | 146,500 | 423 | 100 | C | B |
|------|---------|-----|-----|---|---|

#### Vermont

|        |           |       |     |   |   |
|--------|-----------|-------|-----|---|---|
| N1YWB  | 108,120   | 307   | 136 | B | A |
| N1UR   | 1,004,036 | 1,454 | 209 | B | B |
| WA1ZAM | 414       | 26    | 9   | C | B |
| N1BCL  | 37,376    | 152   | 73  | C | C |
| KB1ODO | 31,330    | 152   | 65  | C | C |

#### Western Massachusetts

|  |         |       |     |   |   |
|--|---------|-------|-----|---|---|
| N2KW   | 387,940 | 808   | 170 | A | B |
| K5ZD   | 67,640  | 298   | 95  | A | C |
| NU1O   | 35,035  | 207   | 65  | A | C |
| KB1DMR   | 11,448  | 86    | 53  | B | B |
| N4BAA  | 324,792 | 835   | 104 | C | B |
| W1TO   | 44,955  | 183   | 81  | C | B |
| AD1L   | 176     | 8     | 8   | C | B |
| N1TA   | 916,479 | 1,423 | 237 | D | C |
| W1UJ (+ K1EBY, KB1H, NB1U, NR1X, N1WK, @ NZ1U/P) | 437,668 | 1,028 | 154 | D | C |

## 2

#### Eastern New York

|        |         |     |     |   |   |
|--------|---------|-----|-----|---|---|
| WA2JQK | 73,188  | 264 | 107 | A | B |
| WA2MCR | 20,406  | 134 | 57  | A | B |
| K2ONP  | 65,286  | 264 | 93  | A | C |
| NT2I   | 62,060  | 220 | 107 | B | B |
| N2MTG  | 37,128  | 162 | 84  | B | B |
| N2JBA  | 4,160   | 50  | 26  | B | B |
| K2JMY  | 51,700  | 196 | 94  | B | C |
| WA3AFS | 4,681   | 51  | 31  | B | C |
| NQ2W   | 7,770   | 104 | 35  | C | A |
| NX2X   | 558,486 | 932 | 171 | C | C |
| K2UF   | 120,670 | 445 | 110 | C | C |
| WK2T   | 3,542   | 60  | 23  | D | C |
| W3MR   | 1,890   | 32  | 27  | D | C |

#### Northern New Jersey

|                 |           |       |     |   |   |
|-----------------|-----------|-------|-----|---|---|
| KB2YAN          | 23,484    | 186   | 57  | A | B |
| N2NT (W2GD, op) | 1,670,214 | 2,082 | 247 | A | C |
| W1GD            | 281,916   | 501   | 164 | A | C |
| N2CG            | 6,273     | 57    | 41  | A | C |
| K2DSL           | 23,852    | 132   | 67  | B | B |
| W2IRT           | 334,464   | 793   | 128 | B | C |
| K1SXD           | 750       | 21    | 10  | C | B |
| N2ED            | 120,771   | 529   | 71  | C | C |
| W2CVW           | 77,682    | 280   | 121 | C | C |
| W2LE            | 17,158    | 107   | 46  | C | C |
| WQ2N            | 125,290   | 450   | 85  | D | C |
| W2YR            | 102,564   | 260   | 154 | D | C |
| N2KPB           | 56,256    | 208   | 96  | D | C |
| W2DZ            | 9,154     | 77    | 46  | D | C |
| KC2LST          | 84        | 6     | 6   | D | C |

#### Northern New York

|       |        |     |    |   |   |
|-------|--------|-----|----|---|---|
| W2CJS | 9,200  | 72  | 46 | B | C |
| N2JNZ | 1,134  | 25  | 14 | C | A |
| WB9G  | 17,980 | 134 | 62 | C | B |

#### NYC-Long Island

|       |         |     |     |   |   |
|-------|---------|-----|-----|---|---|
| W2WGK | 11,328  | 96  | 48  | B | A |
| KS2G  | 46,956  | 184 | 91  | B | B |
| K2TZY | 32      | 4   | 4   | B | B |
| N2MUN | 48,224  | 406 | 44  | B | C |
| K2BBQ | 37,350  | 163 | 90  | B | C |
| N2GA  | 435,312 | 983 | 144 | C | B |
| N2SO  | 49,130  | 236 | 85  | C | B |
| K4RUM | 37,721  | 269 | 67  | C | B |
| W3EH  | 1,659   | 25  | 21  | C | B |
| N2UN  | 399,111 | 803 | 173 | C | C |
| KR2AA | 78,218  | 429 | 74  | C | C |
| N2GC  | 49,104  | 204 | 72  | C | C |
| K2QMF | 272,025 | 535 | 135 | D | C |
| KA2D  | 72,468  | 231 | 108 | D | C |
| W2ANQ | 9,196   | 75  | 44  | D | C |

#### Southern New Jersey

|       |           |       |     |   |   |
|-------|-----------|-------|-----|---|---|
| W2CCW | 13,542    | 106   | 61  | B | B |
| N2NF  | 84,378    | 255   | 98  | B | C |
| N1IBM | 1,584     | 26    | 22  | B | C |
| K3EL  | 758,735   | 1,171 | 215 | C | B |
| N2UU  | 106,722   | 453   | 98  | C | B |
| W2SA  | 31,789    | 159   | 83  | C | B |
| N2MM  | 1,161,702 | 1,582 | 213 | C | C |
| K2MK  | 351,750   | 711   | 150 | D | C |
| K2RET | 35,651    | 167   | 77  | D | C |
| N2CQ  | 34,720    | 156   | 70  | D | C |

#### Western New York

|   |           |       |     |   |   |
|---|-----------|-------|-----|---|---|
| N2ZN  | 206,448   | 586   | 132 | A | B |
| W2STM   | 624       | 16    | 13  | A | B |
| K2TJ  | 1,794,962 | 2,344 | 221 | A | C |
| W2TI  | 21,138    | 117   | 78  | B | A |
| K2BCM   | 12        | 2     | 2   | B | A |
| W2TF  | 105,183   | 293   | 117 | B | B |
| K9CHP   | 24,160    | 114   | 80  | B | B |
| AE2NG   | 3,120     | 52    | 26  | B | B |
| K2ZR  | 7,099     | 97    | 31  | C | A |
| AC2FA   | 30,300    | 239   | 60  | C | B |
| NW2K  | 371,360   | 921   | 160 | C | C |
| WS9M  | 97,716    | 404   | 102 | C | C |
| K2ZJ  | 16,555    | 109   | 43  | C | C |
| W2CCC (K2CS, N2TWI, AF2K, WB2HJV, K2DB, N2OPW, ops) | 273,337   | 713   | 157 | D | C |
| AI2N  | 34,884    | 227   | 68  | D | C |
| AD2TM   | 22,792    | 118   | 74  | D | C |
| KC2YEA  | 6,460     | 54    | 38  | D | C |
| KC2QJF (+ WA2AEA)                                   | 3,808     | 53    | 32  | D | C |
| AA2DT   | 2,288     | 34    | 22  | D | C |
| W2BSN   | 36        | 4     | 3   | D | C |

## 3

#### Delaware

|       |         |     |     |   |   |
|-------|---------|-----|-----|---|---|
| W3RLO | 384     | 14  | 8   | B | B |
| N8NA  | 121,306 | 350 | 131 | C | B |
| AI3G  | 4,995   | 123 | 27  | C | B |

#### Eastern Pennsylvania

|        |         |       |     |   |   |
|--------|---------|-------|-----|---|---|
| K3MD   | 502,008 | 1,058 | 156 | A | C |
| WØBR   | 63,342  | 217   | 102 | A | C |
| N3RJ   | 49,487  | 213   | 71  | A | C |
| WA3UAT | 11,220  | 91    | 44  | B | B |
| KB3SJS | 855     | 25    | 15  | B | B |
| N3JNX  | 288     | 12    | 8   | B | B |
| KC8RHC | 261     | 11    | 9   | B | B |

|  |           |       |     |   |   |
|--|-----------|-------|-----|---|---|
| KB3GJT   | 60        | 5     | 4   | B | B |
| NW3H   | 102,500   | 282   | 125 | B | C |
| N3KR   | 134,638   | 443   | 118 | C | B |
| WI2E   | 43,214    | 233   | 82  | C | B |
| K3WGR  | 25,900    | 132   | 70  | C | B |
| AA3B   | 2,045,463 | 2,425 | 257 | C | C |
| K3WW   | 426,313   | 961   | 139 | C | C |
| NB3R   | 77,310    | 275   | 90  | C | C |
| K3VA   | 15,884    | 104   | 38  | C | C |
| WA3AAN   | 4,321     | 57    | 29  | C | C |
| N3AD (+ N3DXX)   | 1,523,340 | 1,851 | 252 | D | C |
| W3KB   | 348,156   | 654   | 171 | D | C |
| W3ZGD (N3XUD, KD3HN, WA1HEW, KO3T,<br>N3VQH, K3JAW, ops) | 188,250   | 455   | 150 | D | C |
| N3RD   | 156,735   | 431   | 135 | D | C |
| NY3A   | 136,710   | 572   | 63  | D | C |
| AA3K   | 9,024     | 66    | 47  | D | C |
| K3DN (N3ZAP, AA3K, N3HBT, KB3MTW,<br>AB3YZ, ops)         | 518       | 19    | 14  | D | C |
| <b>Maryland-DC</b>                                       |           |       |     |   |   |
| ND3D   | 38,254    | 287   | 62  | A | A |
| AB3IC  | 31,640    | 202   | 70  | A | B |
| W3GVX  | 13,020    | 102   | 42  | A | B |
| K3ZO   | 1,352,328 | 1,633 | 232 | A | C |
| NN3RP  | 84,592    | 428   | 68  | A | C |
| W6AAN  | 83,748    | 351   | 84  | A | C |
| N1SZ   | 33,975    | 317   | 45  | A | C |
| N3WD   | 133,950   | 297   | 150 | B | B |
| WA3AER   | 54,570    | 207   | 102 | B | B |
| KB3YSR   | 1,638     | 32    | 21  | B | B |
| N8HM   | 1,155     | 31    | 15  | B | B |
| W3LL   | 829,068   | 1,195 | 236 | B | C |
| NE3K   | 10,750    | 80    | 43  | B | C |
| K3TW   | 68,288    | 288   | 97  | C | A |
| W3DQN  | 165,846   | 462   | 131 | C | B |
| WA1LWS   | 40,110    | 223   | 70  | C | B |
| K3KU   | 21,902    | 232   | 47  | C | B |
| N3UM   | 220,825   | 553   | 121 | C | C |
| NN3W (+ K3MM, KE3X, W3KX, KD4D<br>@N3HBX)                | 2,440,508 | 2,496 | 301 | D | C |
| N3QE   | 275,717   | 595   | 167 | D | C |
| W3KL   | 160,085   | 497   | 101 | D | C |
| N3AM   | 90,582    | 346   | 93  | D | C |
| NA3M   | 65,192    | 198   | 116 | D | C |
| AB3CV  | 34,831    | 145   | 61  | D | C |
| K3TN   | 20,930    | 121   | 70  | D | C |
| W4EE   | 7,695     | 69    | 57  | D | C |
| K3OQ   | 2,376     | 52    | 27  | D | C |
| <b>Western Pennsylvania</b>                              |           |       |     |   |   |
| KB3LIX   | 79,929    | 249   | 107 | A | B |
| ND3R   | 18,872    | 129   | 56  | A | B |
| NA3F   | 1,062     | 29    | 18  | A | B |
| K3RWN  | 16,473    | 103   | 57  | B | C |
| W3AG   | 94,587    | 265   | 123 | C | B |
| K3UA   | 8,568     | 108   | 36  | C | B |
| KA3PMW   | 20,900    | 173   | 44  | D | C |
| K3FH   | 16,192    | 146   | 46  | D | C |
| KD3NB (+ Spotting Assistance)                            | 13,708    | 104   | 46  | D | C |

#### 4

#### Alabama

|        |           |       |     |   |   |
|--------|-----------|-------|-----|---|---|
| K4NNQ  | 66,483    | 291   | 83  | A | B |
| K4AB   | 1,207,991 | 1,971 | 223 | A | C |
| N4NO   | 422,246   | 812   | 187 | A | C |
| KB5EZ  | 13,328    | 96    | 56  | B | B |
| NØRZT  | 12,650    | 84    | 55  | B | B |
| W4JBB  | 3,432     | 72    | 22  | C | A |
| WA1FCN | 398,752   | 990   | 136 | C | B |
| KD4N   | 8,228     | 110   | 34  | C | B |
| K4HAL  | 31,185    | 173   | 63  | C | C |
| KM4JA  | 60,325    | 241   | 95  | D | C |

#### Georgia

|                                      |           |       |     |   |   |
|--------------------------------------|-----------|-------|-----|---|---|
| N4TOL                                | 3,960     | 60    | 30  | A | B |
| KD4YDD                               | 1,992     | 27    | 24  | A | B |
| AJ4CG                                | 19,398    | 130   | 61  | A | C |
| W4XO                                 | 7,770     | 108   | 37  | A | C |
| KT4ZB                                | 135,408   | 425   | 112 | B | B |
| KD4QMY                               | 22,902    | 107   | 66  | B | B |
| K4WSW                                | 21,505    | 101   | 85  | B | B |
| N4BFR                                | 15,105    | 111   | 57  | B | B |
| KE4QCM                               | 4,144     | 40    | 37  | B | B |
| NB4F                                 | 4,118     | 44    | 29  | B | B |
| AJ4VE                                | 3,968     | 42    | 31  | B | B |
| AK4EM                                | 2,156     | 38    | 22  | B | B |
| W1ZRV                                | 1,386     | 36    | 11  | B | B |
| W4AMP                                | 115,750   | 352   | 125 | B | C |
| W4BW                                 | 13,615    | 151   | 35  | B | C |
| N4ZED                                | 2,728     | 32    | 31  | B | C |
| W4DD                                 | 58,820    | 286   | 85  | C | B |
| K4OGG                                | 30,291    | 167   | 69  | C | B |
| AE4O                                 | 7,220     | 84    | 38  | C | B |
| N4OO                                 | 6,328     | 118   | 28  | C | B |
| N4PN                                 | 729,634   | 1,107 | 194 | C | C |
| K4BAI                                | 646,881   | 1,207 | 213 | C | C |
| WW4LL (+ K1ZZI, WA2MBP, K9MUG, N5VI) | 1,077,536 | 1,702 | 223 | D | C |
| AK4I                                 | 186,987   | 411   | 157 | D | C |
| N4PB                                 | 106,474   | 246   | 139 | D | C |
| WO4MW                                | 20,790    | 109   | 66  | D | C |
| ND1Y                                 | 1,554     | 26    | 21  | D | C |

#### Kentucky

|                 |         |     |     |   |   |
|-----------------|---------|-----|-----|---|---|
| KU4A            | 27,360  | 194 | 57  | A | A |
| AI4BJ           | 127,832 | 370 | 116 | A | B |
| KI4WCQ          | 30,975  | 143 | 75  | A | B |
| KJ4AOM          | 16,380  | 132 | 45  | A | B |
| N4QS            | 162,316 | 419 | 124 | A | C |
| KY4J            | 45,962  | 334 | 67  | B | B |
| AJ4A            | 17,290  | 112 | 65  | B | B |
| KC4PSN          | 3,640   | 46  | 26  | B | B |
| WD4KTF          | 1,188   | 20  | 22  | B | B |
| N4YHC           | 154     | 8   | 7   | B | B |
| K4WW            | 80,746  | 347 | 94  | C | B |
| KE4KY           | 46,150  | 326 | 65  | C | B |
| KC4WQ           | 246     | 23  | 6   | C | B |
| WR4U (+ KJ4IKN) | 14,300  | 125 | 52  | D | C |

#### North Carolina

|                  |         |       |     |   |   |
|------------------|---------|-------|-----|---|---|
| NR3X (N4YDU, op) | 769,365 | 1,471 | 205 | A | B |
| N4HXI            | 46,410  | 228   | 85  | A | B |
| N4PGW            | 4,031   | 53    | 29  | A | B |
| KK4DMT           | 357     | 17    | 7   | A | B |
| K4OV             | 671,814 | 1,457 | 174 | A | C |
| N4ZAK            | 8,240   | 94    | 40  | B | A |

|                             |           |       |     |   |   |                         |           |       |     |   |   |
|-----------------------------|-----------|-------|-----|---|---|-------------------------|-----------|-------|-----|---|---|
| W4FT                        | 150,750   | 373   | 150 | B | B | K4PG                    | 142,596   | 480   | 102 | C | B |
| K4WES                       | 82,544    | 245   | 112 | B | B | N4UM                    | 13,386    | 125   | 46  | C | B |
| A14GR                       | 17,710    | 120   | 55  | B | B | K4JC                    | 2,300     | 59    | 20  | C | C |
| KC4EZN                      | 12,648    | 98    | 51  | B | B | N2IC (+ W4SVO)          |           |       |     |   |   |
| KD4MXA                      | 11,070    | 94    | 45  | B | B |                         | 2,201,620 | 2,586 | 265 | D | C |
| KI4VLW                      | 7,020     | 68    | 30  | B | B | K4PB (+ WAØUSA & A14QY) |           |       |     |   |   |
| W4TTX                       | 1,587     | 25    | 23  | B | B |                         | 466,284   | 1,140 | 182 | D | C |
| KØRRP                       | 270       | 13    | 6   | B | B | K4MM                    | 227,493   | 563   | 161 | D | C |
| N4LA                        | 263,331   | 937   | 81  | B | C | W9KB                    | 37,425    | 185   | 75  | D | C |
| NC4MI                       | 110,124   | 296   | 138 | B | C |                         |           |       |     |   |   |
| WM2Z                        | 53,475    | 359   | 69  | B | C | <b>Tennessee</b>        |           |       |     |   |   |
| AA4NC                       | 666,302   | 1,227 | 182 | C | B | W4UT                    | 43,500    | 279   | 60  | A | A |
| KB8V                        | 107,066   | 485   | 94  | C | B | KS4X                    | 43,043    | 215   | 77  | A | A |
| AD8J                        | 5,632     | 100   | 32  | C | B | N2WN                    | 7,650     | 139   | 30  | A | B |
| N4AF                        | 1,752,975 | 2,051 | 245 | C | C | W4BCG                   | 1,911     | 41    | 21  | A | B |
| K4DJ                        | 117,515   | 449   | 95  | C | C | WO4O                    | 95,904    | 466   | 81  | A | C |
| N1LN (+ WØUCE, W4KAZ, K4QE) |           |       |     |   |   | NH7FL                   | 28,148    | 160   | 62  | B | B |
|                             | 1,172,451 | 1,821 | 217 | D | C | AB4GG                   | 11,658    | 87    | 58  | B | B |
| WJ2D                        | 86,320    | 256   | 130 | D | C | K4AMQ                   | 8,296     | 102   | 34  | B | B |
| W4WNT                       | 18,559    | 103   | 67  | D | C | KA4OTB                  | 14,256    | 108   | 54  | B | C |
| NA4EA                       | 8,556     | 68    | 46  | D | C | NU4B                    | 20,658    | 117   | 66  | C | A |
| K4MOA                       | 5,412     | 51    | 44  | D | C | N5HOT                   | 462       | 20    | 11  | C | A |
| <b>Northern Florida</b>     |           |       |     |   |   | KM6NN                   | 104       | 6     | 4   | C | A |
| AD4RE                       | 80,370    | 291   | 114 | A | B | K4LTA                   | 135,408   | 700   | 91  | C | B |
| K4GOP                       | 5,376     | 58    | 32  | A | B | N4ARO                   | 19,695    | 105   | 65  | C | B |
| AJ4RW                       | 750       | 14    | 15  | A | C | KI4EZC                  | 882       | 19    | 14  | C | B |
| WB4OMM                      | 214,704   | 444   | 168 | B | B | KØEJ                    | 1,119,309 | 1,815 | 219 | C | C |
| KV1P                        | 3,330     | 41    | 30  | B | B | W4NZ                    | 828,367   | 1,609 | 191 | C | C |
| WX4US                       | 82,943    | 269   | 119 | B | C | NA4K                    | 773,168   | 1,605 | 176 | C | C |
| K4MTI                       | 71,344    | 517   | 52  | C | A | K4RO                    | 710,448   | 1,470 | 164 | C | C |
| N4OX                        | 59,475    | 345   | 75  | C | B | N4ZZ                    | 470,872   | 1,240 | 142 | C | C |
| N4EK                        | 46,728    | 234   | 66  | C | B | N4AAI                   | 105,300   | 526   | 81  | C | C |
| KH2D                        | 22,776    | 202   | 52  | C | B | NA4C                    | 27,023    | 209   | 61  | C | C |
| KN4Y                        | 16,650    | 84    | 75  | C | B | KA4R                    | 6,273     | 67    | 41  | C | C |
| N4UU                        | 706,955   | 1,549 | 155 | C | C | K9UQN                   | 6,264     | 114   | 27  | C | C |
| N4LZ                        | 44,457    | 257   | 73  | C | C | K4EDI                   | 145,740   | 397   | 140 | D | C |
| NF4A                        | 575,101   | 1,221 | 191 | D | C | N4DW                    | 145,546   | 455   | 122 | D | C |
| WA2VYA                      | 348,300   | 809   | 172 | D | C | NB4M                    | 144,072   | 526   | 108 | D | C |
| N4WW                        | 343,413   | 565   | 237 | D | C | W4PHS                   | 126,324   | 614   | 99  | D | C |
| KØLUZ                       | 340,782   | 1,039 | 102 | D | C | AA4DD                   | 99,960    | 304   | 119 | D | C |
| KE1F                        | 131,936   | 432   | 124 | D | C | N4CJM (+ K4RFE)         |           |       |     |   |   |
|                             |           |       |     |   |   |                         | 19,220    | 130   | 62  | D | C |
| <b>South Carolina</b>       |           |       |     |   |   | N4SR                    | 5,280     | 82    | 30  | D | C |
| W4IX                        | 793,084   | 1,264 | 214 | A | B | <b>Virginia</b>         |           |       |     |   |   |
| KG4IGC                      | 2,178     | 39    | 22  | B | A | WØQQG                   | 37,710    | 177   | 90  | A | B |
| KT4OO                       | 3,808     | 43    | 32  | B | B | WBØPOH                  | 10,291    | 79    | 41  | A | B |
| K4GRE                       | 189       | 9     | 9   | B | B | N3TG                    | 6,040     | 71    | 40  | A | B |
| NN4F                        | 240,986   | 812   | 101 | B | C | KK4EIR                  | 2,618     | 38    | 17  | A | B |
| AA4SD                       | 31,135    | 247   | 65  | C | A | NW4V                    | 2,490     | 37    | 30  | A | B |
| K3AN                        | 204,150   | 495   | 150 | C | B | K7LU                    | 2,384     | 69    | 16  | A | B |
| NY4G                        | 54,126    | 234   | 93  | C | B | WA4JUK                  | 112,700   | 406   | 115 | A | C |
| KQ4VY                       | 52,207    | 267   | 83  | C | B | N3KN                    | 49,653    | 247   | 81  | A | C |
| KN4QD                       | 18,972    | 113   | 68  | C | B | KD4LYS                  | 95,375    | 269   | 125 | B | B |
| N3ND                        | 90,092    | 360   | 101 | C | C | WA4AXT                  | 65,208    | 204   | 114 | B | B |
| K2SX                        | 631,143   | 1,229 | 207 | D | C | AK4PE                   | 37,062    | 170   | 71  | B | B |
| N4XL                        | 150,552   | 506   | 108 | D | C | KJ4ADA                  | 5         | 5     | 1   | B | B |
| N2ZZ (+ K4NJN & KB4GYT)     |           |       |     |   |   | N4MM                    | 180,256   | 334   | 172 | B | C |
|                             | 9,246     | 65    | 46  | D | C | AA4D                    | 4,257     | 47    | 33  | B | C |
| K4AMA                       | 4,316     | 62    | 26  | D | C | KI4FW                   | 11,622    | 130   | 39  | C | A |
| <b>Southern Florida</b>     |           |       |     |   |   | KD4NEM                  | 9,139     | 115   | 37  | C | A |
| K4LM                        | 64,602    | 224   | 97  | A | B | K4ORD                   | 128,384   | 371   | 128 | C | B |
| AD4Z                        | 1,441,763 | 2,275 | 211 | A | C | K4FPF                   | 119,784   | 296   | 124 | C | B |
| A14WW                       | 41,633    | 235   | 79  | A | C | W4GDG                   | 69,387    | 243   | 101 | C | B |
| A14CJ                       | 25,326    | 136   | 67  | A | C | K4FTO                   | 33,472    | 187   | 64  | C | B |
| NT4TS                       | 24,150    | 112   | 75  | B | A | K4MX                    | 31,464    | 201   | 72  | C | B |
| NJ2F                        | 172,620   | 498   | 137 | B | C | K7CS                    | 16,146    | 111   | 54  | C | B |
|                             |           |       |     |   |   | K4GM                    | 12,474    | 117   | 54  | C | B |



|  |           |       |     |   |   |
|--|-----------|-------|-----|---|---|
| K4EU                                   | 548,625   | 881   | 175 | C | C |
| W4AU                                   | 397,302   | 983   | 138 | C | C |
| N3JT                                   | 58,080    | 302   | 55  | C | C |
| NR4M (+ K7SV, K4EC, K4ZW, N2YO, YO3ND) | 1,311,960 | 1,753 | 232 | D | C |
| W4MYA (+ Spotting Assistance)          | 886,240   | 1,346 | 232 | D | C |
| KG4W                                   | 246,844   | 484   | 202 | D | C |
| N3UA                                   | 221,511   | 519   | 141 | D | C |
| W3YY                                   | 161,172   | 413   | 132 | D | C |
| K4HQB                                  | 9,118     | 66    | 47  | D | C |
| K4SKA                                  | 3,237     | 111   | 13  | D | C |

### West Central Florida

|                 |           |       |     |   |   |
|-----------------|-----------|-------|-----|---|---|
| N9CM            | 274,446   | 723   | 158 | A | B |
| WD4DC           | 3,042     | 57    | 26  | A | B |
| N2ESP           | 45,900    | 171   | 100 | B | B |
| N4RWH           | 22,914    | 132   | 67  | B | B |
| NG4L            | 12,446    | 92    | 49  | B | B |
| AF5BZ           | 3,336     | 49    | 24  | B | B |
| K1KNQ           | 67,771    | 285   | 101 | B | C |
| WD4AHZ          | 522,063   | 1,115 | 171 | C | B |
| WB4TDH          | 485,472   | 798   | 208 | C | B |
| NQ2A (WP3A, op) | 152,712   | 606   | 108 | C | B |
| K5KG            | 1,292,936 | 1,937 | 232 | C | C |
| KB4CP           | 117,092   | 268   | 146 | D | C |
| N4DL            | 12,720    | 168   | 40  | D | C |

### 5

### Mississippi

|       |           |       |     |   |   |
|-------|-----------|-------|-----|---|---|
| K2FF  | 3,519     | 61    | 23  | B | A |
| N5BLY | 6,876     | 67    | 36  | B | C |
| WQ5L  | 146,276   | 547   | 116 | C | B |
| N4OGW | 1,275,513 | 2,053 | 227 | C | C |
| W5UE  | 167,895   | 807   | 91  | C | C |

### South Texas

|      |       |    |    |   |   |
|------|-------|----|----|---|---|
| K9HZ | 5,236 | 77 | 28 | B | B |
|------|-------|----|----|---|---|

### 6

### Santa Clara Valley

|      |        |     |    |   |   |
|------|--------|-----|----|---|---|
| K1GI | 27,500 | 223 | 44 | D | C |
|------|--------|-----|----|---|---|

### 8

### Michigan

|                 |         |       |     |   |   |
|-----------------|---------|-------|-----|---|---|
| WD8S            | 92,610  | 383   | 98  | A | B |
| N8DE            | 54,281  | 177   | 103 | A | B |
| N8NX            | 5,168   | 60    | 34  | A | B |
| NV8N (N8RY, op) | 415,140 | 1,040 | 165 | B | B |
| K8PGJ           | 107,625 | 291   | 123 | B | B |
| K8RDM           | 5,548   | 66    | 38  | B | B |
| K8ZZU           | 71,160  | 189   | 120 | B | C |
| K8MJZ           | 19,200  | 100   | 64  | B | C |
| N8XX            | 11,972  | 176   | 41  | C | A |
| KB8PGW          | 804     | 33    | 12  | C | A |
| NA8V            | 535,458 | 954   | 209 | C | B |
| AA8R            | 26,288  | 210   | 62  | C | B |
| K8GL            | 844,032 | 1,136 | 224 | C | C |
| NE8P            | 481,920 | 844   | 192 | C | C |
| K8BZ            | 3,910   | 98    | 23  | C | C |
| K8GT            | 119,520 | 368   | 120 | D | C |
| AC8ZX           | 13,181  | 109   | 49  | D | C |

### Ohio

|   |           |       |     |   |   |
|---|-----------|-------|-----|---|---|
| K8ZT  | 25,134    | 166   | 59  | A | A |
| W8KNO   | 59,878    | 256   | 91  | A | B |
| K8BL  | 34,320    | 200   | 52  | A | B |
| W8TM  | 19,320    | 102   | 69  | A | B |
| WA8YVF  | 11,424    | 92    | 51  | A | B |
| KD8HHG  | 6,528     | 58    | 34  | A | B |
| NX8G  | 2,250     | 32    | 25  | A | B |
| ND8L  | 160,545   | 419   | 139 | A | C |
| KB8O  | 80,344    | 331   | 88  | A | C |
| KC8IMB  | 27,667    | 145   | 73  | B | A |
| N8XA  | 9,894     | 69    | 51  | B | A |
| NT8Z  | 172,291   | 425   | 151 | B | B |
| WS6K  | 57,123    | 233   | 99  | B | B |
| KF8BT   | 56,870    | 259   | 94  | B | B |
| KB8UUZ  | 43,472    | 230   | 76  | B | B |
| KC8R  | 4,470     | 65    | 30  | B | B |
| N8PPF   | 992       | 26    | 16  | B | B |
| KT8D  | 6,348     | 58    | 46  | B | C |
| W8LIG   | 868       | 24    | 14  | B | C |
| KC8RPV  | 603       | 23    | 9   | B | C |
| W1NN  | 707,824   | 1,251 | 208 | C | B |
| KV8Q  | 494,320   | 1,014 | 185 | C | B |
| K8AJS   | 246,189   | 613   | 137 | C | B |
| WB8JUI  | 228,506   | 605   | 122 | C | B |
| W8KTQ   | 44,184    | 383   | 56  | C | B |
| WD8KNC  | 9,792     | 112   | 36  | C | B |
| W8IQ  | 6,783     | 63    | 51  | C | B |
| W8WTS   | 5,960     | 65    | 40  | C | B |
| K9DAC   | 1,185     | 39    | 15  | C | B |
| N8AA  | 1,444,860 | 1,994 | 230 | C | C |
| N8BJQ   | 867,024   | 1,400 | 216 | C | C |
| K8MP  | 402,936   | 944   | 163 | C | C |
| N9AUG   | 197,432   | 600   | 116 | C | C |
| NF8R  | 162,309   | 475   | 131 | C | C |
| KG9Z  | 100       | 17    | 4   | C | C |
| K8AZ (+ K8BL, K8MR, K8NZ, N8TR, W8CAR, W8WTS, WB8K, WT8C) | 2,157,705 | 2,207 | 297 | D | C |

|                                  |         |     |     |   |   |
|----------------------------------|---------|-----|-----|---|---|
| WW8OH (W3HKK, AC8GI, AC8GX, ops) | 190,404 | 684 | 123 | D | C |
|----------------------------------|---------|-----|-----|---|---|

|       |        |     |    |   |   |
|-------|--------|-----|----|---|---|
| AA8IA | 15,190 | 110 | 49 | D | C |
|-------|--------|-----|----|---|---|

|                               |       |    |    |   |   |
|-------------------------------|-------|----|----|---|---|
| N8AGU (+ Spotting Assistance) | 1,225 | 33 | 35 | D | C |
|-------------------------------|-------|----|----|---|---|

### West Virginia

|        |         |     |     |   |   |
|--------|---------|-----|-----|---|---|
| N8II   | 250,756 | 531 | 164 | A | B |
| KA8NJW | 12,042  | 79  | 54  | A | B |
| WA8KAN | 97,713  | 375 | 99  | A | C |
| KD8RML | 2,040   | 44  | 17  | B | B |
| W8IDW  | 48      | 6   | 4   | B | B |
| KB8KMH | 46,208  | 252 | 76  | C | B |
| K3JT   | 370,794 | 867 | 174 | C | C |
| K8JQ   | 51,128  | 421 | 56  | C | C |

### 9

### Illinois

|                   |         |       |     |   |   |
|-------------------|---------|-------|-----|---|---|
| N9LYE             | 67,803  | 277   | 97  | A | B |
| NV9X              | 12,833  | 143   | 41  | A | B |
| K9CU (KB9UWU, op) | 393,120 | 1,056 | 135 | A | C |
| AK9TX             | 24,700  | 154   | 65  | A | C |
| KC9AMM            | 308     | 20    | 7   | B | A |
| W9KVR             | 60,372  | 235   | 108 | B | B |
| W9QL              | 57,348  | 308   | 81  | B | B |
| KA9MOM            | 21,597  | 135   | 69  | B | B |
| K9SAT             | 8,400   | 92    | 42  | B | B |

|                               |           |       |     |   |   |                                  |           |       |     |   |   |
|-------------------------------|-----------|-------|-----|---|---|----------------------------------|-----------|-------|-----|---|---|
| NB9A                          | 5,180     | 79    | 28  | B | B | <b>Quebec</b>                    |           |       |     |   |   |
| N9OQT                         | 3,892     | 67    | 28  | B | B | VE2FK                            | 244,615   | 507   | 145 | D | C |
| W9TTY                         | 60        | 6     | 6   | B | B | <b>St. Pierre &amp; Miquelon</b> |           |       |     |   |   |
| AB9RN                         | 1,118     | 27    | 26  | B | C | FP/KV1J                          | 331,401   | 763   | 129 | D | C |
| WO9S                          | 54,513    | 295   | 81  | C | B | <b>Zone 10</b>                   |           |       |     |   |   |
| K9IR                          | 20,460    | 130   | 55  | C | B | <b>Mexico</b>                    |           |       |     |   |   |
| KB9O                          | 4,256     | 46    | 38  | C | B | XE1V                             | 24,054    | 130   | 57  | A | C |
| K9CT                          | 1,321,493 | 1,917 | 211 | C | C | XE2URF                           | 51,528    | 434   | 38  | B | C |
| WX9U                          | 516,420   | 1,004 | 190 | C | C | XE2B                             | 161,096   | 483   | 104 | D | C |
| K9NR                          | 298,185   | 1,099 | 103 | C | C | XE1OGG (+ XE1ODG)                | 64,021    | 293   | 73  | D | C |
| K9MMS                         | 270,940   | 696   | 155 | C | C | <b>Zone 11</b>                   |           |       |     |   |   |
| WM9Q                          | 129,570   | 558   | 105 | C | C | <b>Bermuda</b>                   |           |       |     |   |   |
| N9KO                          | 30,267    | 259   | 57  | C | C | VP9NNL                           | 960       | 40    | 8   | B | B |
| KX9DX                         | 18,585    | 173   | 45  | C | C | <b>Cuba</b>                      |           |       |     |   |   |
| K9OZ                          | 10,744    | 134   | 34  | C | C | CL8AKY                           | 1,888     | 34    | 16  | B | A |
| N2BJ                          | 377,566   | 822   | 181 | D | C | CO2CW                            | 217,152   | 788   | 87  | B | B |
| K3WA                          | 307,020   | 807   | 140 | D | C | CO6LC                            | 96,949    | 431   | 67  | B | B |
| N9NA (+ AJ9M)                 | 18,614    | 190   | 41  | D | C | CO2VE                            | 37,570    | 202   | 65  | B | B |
| KB9NW                         | 3,800     | 52    | 25  | D | C | CM5FZ                            | 24,852    | 150   | 57  | B | B |
| <b>Indiana</b>                |           |       |     |   |   | CO6EC                            | 22,350    | 145   | 50  | B | B |
| W9LW                          | 22,656    | 154   | 59  | A | B | CO2OQ                            | 3,820     | 63    | 20  | B | B |
| N9NDS                         | 234       | 14    | 9   | A | B | CM2RVA                           | 3,276     | 43    | 28  | B | B |
| W9IU                          | 265,200   | 738   | 136 | A | C | CO2GG                            | 292,701   | 691   | 129 | B | C |
| K9AMP                         | 12,152    | 96    | 49  | B | B | CO2IZ                            | 28,710    | 198   | 45  | C | A |
| N1RU                          | 16,808    | 158   | 44  | C | A | CO8ZZ                            | 99,403    | 325   | 107 | C | B |
| KU8T                          | 29,064    | 223   | 56  | C | B | CO2MS                            | 81,833    | 335   | 73  | C | B |
| AJ9C                          | 252       | 20    | 6   | C | B | CO8CY                            | 5,516     | 65    | 28  | C | B |
| W9RE                          | 1,648,861 | 2,261 | 239 | C | C | CO6CAC                           | 3,762     | 142   | 9   | C | B |
| KØTQ                          | 119,016   | 442   | 108 | C | C | CO2JW                            | 3,680     | 64    | 16  | C | B |
| KR9E                          | 27,235    | 155   | 65  | D | C | CO3IT                            | 798       | 34    | 7   | C | B |
| K9IU (KB9WRA & N9VKU, ops)    | 3,528     | 52    | 28  | D | C | CO6HLP                           | 24,576    | 162   | 48  | D | C |
| <b>Wisconsin</b>              |           |       |     |   |   | <b>Dominican Republic</b>        |           |       |     |   |   |
| AF9J                          | 1,064     | 42    | 14  | A | A | HI3K                             | 80,256    | 266   | 96  | B | B |
| K9OM                          | 552,951   | 967   | 201 | A | B | HI8A                             | 192,768   | 480   | 128 | C | B |
| WR9Y                          | 21,264    | 181   | 48  | A | B | <b>El Salvador</b>               |           |       |     |   |   |
| W9AV                          | 168,840   | 575   | 120 | A | C | YS1GR                            | 104,601   | 295   | 119 | D | C |
| N9LB                          | 113,577   | 301   | 131 | B | B | <b>Grenada</b>                   |           |       |     |   |   |
| N9EAX                         | 24,960    | 158   | 65  | B | B | J35X                             | 169,624   | 513   | 104 | C | B |
| KC9DOA                        | 4,980     | 68    | 30  | B | B | <b>Guadeloupe</b>                |           |       |     |   |   |
| NN9M                          | 3,172     | 44    | 26  | B | C | FG4NO                            | 66,500    | 212   | 95  | B | B |
| NØOKS                         | 1,736     | 58    | 14  | C | A | FG1PP                            | 11,718    | 85    | 62  | D | C |
| K9QVB/9                       | 172,272   | 618   | 111 | C | B | <b>Guatemala</b>                 |           |       |     |   |   |
| NS9I                          | 115,776   | 396   | 96  | C | B | TG9AJR                           | 61,005    | 399   | 49  | B | B |
| K1TN                          | 37,465    | 291   | 59  | C | B | <b>Honduras</b>                  |           |       |     |   |   |
| W9WLX                         | 261       | 15    | 9   | D | C | HR2/NP3J (JA6WFM, op)            | 90,972    | 476   | 63  | A | B |
| <b>Zone 9</b>                 |           |       |     |   |   | <b>Martinique</b>                |           |       |     |   |   |
| <b>Maritime-Newfoundland</b>  |           |       |     |   |   | FM5CD                            | 438,472   | 703   | 184 | A | C |
| VY2ZM                         | 2,642,444 | 2,500 | 266 | A | C | TO5U                             | 1,153,409 | 2,019 | 149 | C | C |
| VE1WOW (K1WO, op)             | 182,268   | 340   | 166 | B | B | <b>Panama</b>                    |           |       |     |   |   |
| VE1ZD                         | 34,056    | 157   | 72  | B | B | HP3FTD                           | 4,352     | 50    | 34  | B | B |
| VY2LI                         | 11,730    | 80    | 51  | B | B | <b>Puerto Rico</b>               |           |       |     |   |   |
| VE1RGB                        | 610,870   | 998   | 185 | C | B | KP4CPC                           | 18,540    | 158   | 30  | A | A |
| VE1AL                         | 255,982   | 508   | 149 | C | B | WP3GW                            | 137,995   | 317   | 143 | B | B |
| VE9HF (+ Spotting Assistance) | 310,080   | 720   | 114 | D | C | WP4WW (KP4JRS, op)               | 10,545    | 183   | 19  | B | C |
| VE1DT                         | 128,853   | 297   | 139 | D | C |                                  |           |       |     |   |   |
| VE9OA                         | 14,331    | 101   | 51  | D | C |                                  |           |       |     |   |   |
| <b>Newfoundland-Labrador</b>  |           |       |     |   |   |                                  |           |       |     |   |   |
| VO1BQ                         | 36,146    | 187   | 62  | A | B |                                  |           |       |     |   |   |

|       |           |       |     |   |   |
|-------|-----------|-------|-----|---|---|
| WP4BL | 728       | 20    | 13  | B | C |
| KP3W  | 51,191    | 251   | 71  | C | B |
| NP4Z  | 2,539,064 | 2,698 | 244 | D | C |

**St.Kitts & Nevis**

|       |         |     |     |   |   |
|-------|---------|-----|-----|---|---|
| V47JA | 205,568 | 504 | 128 | D | C |
|-------|---------|-----|-----|---|---|

**Virgin Islands**

|                   |           |       |     |   |   |
|-------------------|-----------|-------|-----|---|---|
| KP2/AA1BU         | 731,590   | 1,330 | 149 | B | B |
| KP2MM (N2TTA, op) | 1,761,844 | 2,351 | 196 | C | C |

**Zone 12**

**Bolivia**

|       |        |     |    |   |   |
|-------|--------|-----|----|---|---|
| CP1FF | 98,868 | 298 | 77 | B | B |
|-------|--------|-----|----|---|---|

**Brazil**

|       |        |     |    |   |   |
|-------|--------|-----|----|---|---|
| PV8RR | 124    | 7   | 4  | B | B |
| PV8RF | 50,235 | 167 | 85 | D | C |

**Colombia**

|        |         |       |     |   |   |
|--------|---------|-------|-----|---|---|
| HK6F   | 186,528 | 584   | 67  | B | B |
| HK3TK  | 8,019   | 65    | 33  | B | B |
| 5K3R   | 4,340   | 42    | 35  | B | B |
| HK3C   | 397,575 | 899   | 93  | B | C |
| HK4GSL | 11,268  | 79    | 36  | B | C |
| HK3TU  | 831,616 | 1,194 | 146 | C | B |
| HK3Q   | 17,388  | 100   | 42  | D | C |

**Ecuador**

|                      |        |    |    |   |   |
|----------------------|--------|----|----|---|---|
| HD081QRC (HC1JQ, op) | 11,564 | 91 | 28 | D | C |
|----------------------|--------|----|----|---|---|

**Peru**

|        |       |    |    |   |   |
|--------|-------|----|----|---|---|
| OA4DKW | 8,756 | 69 | 44 | A | B |
|--------|-------|----|----|---|---|

**Venezuela**

|        |        |     |    |   |   |
|--------|--------|-----|----|---|---|
| YV8AD  | 89,376 | 266 | 84 | A | B |
| YV5NWX | 74,448 | 212 | 99 | A | B |
| YY5TNT | 53,460 | 270 | 45 | B | B |
| YV5COR | 8,288  | 60  | 37 | B | B |
| YY4GLC | 4,560  | 44  | 30 | B | B |
| YY5EPM | 4,212  | 44  | 26 | B | B |
| YY7OMF | 1,760  | 38  | 10 | B | B |
| YY5PEZ | 35,020 | 218 | 34 | D | C |

**Zone 13**

**Argentina**

|      |     |    |    |   |   |
|------|-----|----|----|---|---|
| LR1A | 962 | 22 | 13 | B | B |
|------|-----|----|----|---|---|

**Brazil**

|                           |         |     |     |   |   |
|---------------------------|---------|-----|-----|---|---|
| PY6TS                     | 12,597  | 87  | 51  | A | B |
| PR7DZ                     | 20,213  | 149 | 29  | A | C |
| PY8WW                     | 65,664  | 218 | 76  | B | B |
| PY7AHA                    | 20,938  | 107 | 58  | B | B |
| PY7DJ                     | 4,440   | 59  | 24  | B | B |
| PR7LV                     | 671     | 13  | 11  | B | B |
| PR7MB                     | 600     | 16  | 10  | B | B |
| PS8ET                     | 144     | 12  | 12  | B | B |
| PR7AP                     | 407,988 | 716 | 126 | B | C |
| PS7AB                     | 14,941  | 81  | 67  | B | C |
| PY7VI                     | 1,755   | 29  | 27  | B | C |
| PT2AW                     | 15,640  | 90  | 46  | C | B |
| PR7HR                     | 8,976   | 68  | 33  | C | B |
| PY7OJ                     | 2,133   | 29  | 27  | C | B |
| ZW8T (PS8HF & PS8RV, ops) | 162,936 | 480 | 73  | D | C |
| PY9BDA                    | 19,908  | 108 | 42  | D | C |

**Zone 14**

**Argentina**

|  |           |       |     |   |   |
|--|-----------|-------|-----|---|---|
| LW3DG  | 567       | 27    | 21  | A | B |
| LU5FC  | 2,041,224 | 2,130 | 204 | A | C |
| LU6FHO   | 48        | 4     | 4   | B | A |
| LU6FOV   | 33,573    | 147   | 57  | B | B |
| LU5CAB   | 15,012    | 82    | 54  | B | B |
| LU4HW  | 6,460     | 52    | 38  | B | B |
| LU8DY  | 2,400     | 30    | 25  | B | B |
| LU1IBL   | 1,540     | 29    | 28  | B | B |
| LU1EXR   | 912       | 20    | 19  | B | B |
| LU6EVD   | 3         | 1     | 3   | B | B |
| LU7DW  | 231       | 11    | 11  | B | C |
| LU7HZ  | 147,340   | 334   | 106 | C | A |
| LU8EHR   | 4,672     | 46    | 32  | C | A |
| LU8QT  | 351,344   | 677   | 112 | C | B |
| LU4MHQ   | 28,336    | 148   | 46  | C | B |
| L33M (LU3MAM, op)  | 22,596    | 130   | 42  | C | B |
| LU4DPT   | 826       | 19    | 14  | C | B |
| LW2HBF   | 576       | 16    | 9   | C | B |
| LU1DZ  | 15,394    | 94    | 43  | C | C |
| LU3DAT   | 6,270     | 56    | 33  | C | C |
| LT1F (LU1FAM, LU1FKR, LU2FE, ops)                          | 2,954,518 | 2,624 | 239 | D | C |
| LS1D (LW9DHR, LU3CT, LW9EOC, LW1DTZ, LU7HW, LU1HLH, ops)   | 2,158,569 | 1,933 | 243 | D | C |
| LQ7E (LU1DP, LU3DW, LU7ADC, LW3DC, LW3DN, ops)             | 586,684   | 832   | 161 | D | C |
| LU9FHF (+ LU5FZ)   | 185,484   | 484   | 82  | D | C |
| LU1UM (LU2UF, LU5UAS, LU5UBI, LU5UEV, LU5ULV, LU6UVI, ops) | 149,850   | 385   | 90  | D | C |
| LU5FMC   | 7,067     | 47    | 37  | D | C |
| LU6QI  | 25        | 5     | 5   | D | C |

**Chile**

|   |           |       |     |   |   |
|---|-----------|-------|-----|---|---|
| CE3EEA                                  | 788,754   | 1,186 | 141 | B | C |
| CE2LS (CE2SQE, op)                      | 82,228    | 198   | 122 | B | C |
| CE2WZ                                   | 2,782     | 35    | 26  | B | C |
| CE3CT (CE1TT, CE3FZ, VE7SV, CE4CT, ops) | 2,425,670 | 2,220 | 235 | D | C |

**Paraguay**

|        |        |     |    |   |   |
|--------|--------|-----|----|---|---|
| ZP9MCE | 24,054 | 145 | 38 | A | B |
|--------|--------|-----|----|---|---|

**Uruguay**

|                  |           |       |     |   |   |
|------------------|-----------|-------|-----|---|---|
| CW5W (CX6VM, op) | 2,774,250 | 2,189 | 274 | A | C |
| CX2CQ            | 9,766     | 73    | 38  | B | C |
| CX9AU            | 297,345   | 525   | 129 | C | B |
| CX8BR            | 51,794    | 287   | 38  | C | B |

**Zone 15**

**Brazil**

|                     |         |       |     |   |   |
|---------------------|---------|-------|-----|---|---|
| PY2NY               | 823,446 | 1,111 | 162 | A | B |
| PP2RON              | 74,955  | 227   | 95  | A | B |
| PY2TEL (PY2AXH, op) | 24,832  | 116   | 64  | A | B |
| PY2TOP              | 11,070  | 74    | 45  | A | B |
| PY1RY               | 7,160   | 55    | 40  | A | B |
| PY2HH               | 3,696   | 55    | 48  | A | B |
| PU5AGM              | 846     | 20    | 9   | A | B |



|                                      |           |       |     |   |   |                                   |           |       |     |   |   |
|--------------------------------------|-----------|-------|-----|---|---|-----------------------------------|-----------|-------|-----|---|---|
| OH5YU                                | 449,512   | 823   | 184 | C | C | 8S0C (SM0MPV, op)                 |           |       |     |   |   |
| OH2VZ                                | 189,878   | 455   | 134 | C | C |                                   | 601,987   | 729   | 289 | B | C |
| OH6BG                                | 176,438   | 631   | 94  | C | C | SI3A (SM3LIV, op)                 |           |       |     |   |   |
| OH2BBT                               | 152,146   | 398   | 127 | C | C |                                   | 8,758     | 108   | 29  | B | C |
| OH2BAH                               | 134,280   | 492   | 90  | C | C | SD3A (SM3FJF, op)                 |           |       |     |   |   |
| OH50BBM (OH0XX, op)                  |           |       |     |   |   |                                   | 1,206     | 31    | 18  | B | C |
|                                      | 61,348    | 238   | 98  | C | C | SA6G (SM6CUK, op)                 |           |       |     |   |   |
| OH3FM                                | 15,900    | 186   | 30  | C | C |                                   | 683,718   | 1,050 | 219 | C | B |
| OH5DA                                | 11,956    | 96    | 49  | C | C | SC3N (EA8CN, op)                  |           |       |     |   |   |
| OH6NT                                | 6,562     | 87    | 34  | C | C |                                   | 295,560   | 568   | 180 | C | B |
| OG6N (OH6NIO, op)                    |           |       |     |   |   | SM7CIL                            | 136,633   | 377   | 131 | C | B |
|                                      | 1,387,872 | 1,490 | 316 | D | C | SM4/DF5ZV                         | 95,404    | 304   | 122 | C | B |
| OI3V (OH3LB & OH3KAV, ops)           |           |       |     |   |   | SM6BSK                            | 82,276    | 226   | 134 | C | B |
|                                      | 792,640   | 1,584 | 160 | D | C | SM5IMO                            | 60,580    | 367   | 52  | C | B |
| OH6K (OH6FSG & OH6MSZ, ops)          |           |       |     |   |   | SM6AHU                            | 40,992    | 169   | 96  | C | B |
|                                      | 468,435   | 995   | 165 | D | C | SM0BDS                            | 14,958    | 99    | 54  | C | B |
| OH2LNH                               | 102,240   | 320   | 120 | D | C | SM5DXR                            | 11,500    | 98    | 46  | C | B |
| OH2CI                                | 71,036    | 242   | 118 | D | C | SM0S (SM5BAX, op)                 |           |       |     |   |   |
| OH2BN                                | 53,600    | 250   | 67  | D | C |                                   | 8,370     | 86    | 27  | C | B |
| OH2FHN                               | 7,650     | 66    | 45  | D | C | SM5KQS                            | 3,060     | 46    | 30  | C | B |
| OH8KA                                | 1,044     | 26    | 18  | D | C | SI5Y (SM5BKK, op)                 |           |       |     |   |   |
| OH6FXW                               | 676       | 14    | 13  | D | C |                                   | 2,121     | 41    | 21  | C | B |
| <b>Norway</b>                        |           |       |     |   |   | SM6DER                            | 432       | 17    | 16  | C | B |
| LA5LJA                               | 433,344   | 823   | 192 | A | B | SK5A (SM5GMZ, op)                 |           |       |     |   |   |
| LA6PB                                | 33,880    | 164   | 77  | A | B |                                   | 1,012,890 | 1,703 | 190 | C | C |
| LA7SI                                | 17,812    | 114   | 61  | A | B | SM5CCE                            | 492,342   | 897   | 186 | C | C |
| LA7TN                                | 13,630    | 103   | 58  | A | B | SM6NET                            | 474,418   | 801   | 206 | C | C |
| LA2AB (SP2ASJ, op)                   |           |       |     |   |   | SM5CZQ                            | 149,292   | 407   | 116 | C | C |
|                                      | 1,001,667 | 1,491 | 233 | A | C | SA1A (SM1TDE, op)                 |           |       |     |   |   |
| LA3BPA                               | 105,417   | 281   | 153 | B | B |                                   | 93,744    | 492   | 56  | C | C |
| LA2GN                                | 16,632    | 110   | 77  | B | B | SM2CEW                            | 71,160    | 390   | 60  | C | C |
| LB9RE                                | 148,596   | 342   | 174 | B | C | SK7OA (SG7A, SM7LXV, SM7TGA, ops) |           |       |     |   |   |
| LA4ESA                               | 56,992    | 220   | 104 | B | C |                                   | 751,692   | 1,114 | 222 | D | C |
| LA3ZA                                | 124,372   | 343   | 124 | C | B | SB3X (SM0SHG, op)                 |           |       |     |   |   |
| LA8AW                                | 108,290   | 302   | 119 | C | B |                                   | 266,561   | 625   | 149 | D | C |
| LA2HFA                               | 18,404    | 156   | 43  | C | B | SM0BSO                            | 49,278    | 229   | 86  | D | C |
| LA8HGA                               | 7,276     | 128   | 17  | C | C | SA7AUW                            | 14,504    | 84    | 74  | D | C |
| LN4BBC (LA6ZFA, LA5FBA, LA3RNA, ops) |           |       |     |   |   | <b>Zone 19</b>                    |           |       |     |   |   |
|                                      | 97,625    | 311   | 125 | D | C | <b>European Russia</b>            |           |       |     |   |   |
| LA4RT                                | 24,150    | 125   | 70  | D | C | UA1ZLN                            | 4,680     | 72    | 26  | A | B |
| <b>Sweden</b>                        |           |       |     |   |   | RU1AB                             | 99,648    | 246   | 173 | B | C |
| SM6FKF                               | 426,692   | 773   | 196 | A | B | RX1CQ                             | 72,744    | 296   | 84  | B | C |
| SG6A (SA6AQP, op)                    |           |       |     |   |   | RN1ON                             | 492,492   | 1,080 | 143 | C | C |
|                                      | 124,750   | 370   | 125 | A | B | <b>Zone 20</b>                    |           |       |     |   |   |
| SM5BS                                | 64,170    | 267   | 90  | A | B | <b>Asiatic Russia</b>             |           |       |     |   |   |
| SE6N (SA6AXR, op)                    |           |       |     |   |   | UA9JDP                            | 231,756   | 560   | 93  | B | C |
|                                      | 62,132    | 258   | 98  | A | B | UA9JFR                            | 225       | 15    | 15  | B | C |
| SE5E (SM5AJV, op)                    |           |       |     |   |   | RW9C                              | 1,017,450 | 1,035 | 238 | C | B |
|                                      | 45,864    | 276   | 63  | A | B | RX9CC                             | 297,501   | 539   | 131 | C | B |
| SM4/DK7ZT                            | 3,492     | 51    | 36  | A | B | UA9KB                             | 97,552    | 256   | 104 | C | C |
| SM6E (SM6FUD, op)                    |           |       |     |   |   | UA9KAA                            | 80,320    | 323   | 64  | C | C |
|                                      | 925,470   | 1,498 | 195 | A | C | <b>European Russia</b>            |           |       |     |   |   |
| SE6Y (SM6DED, op)                    |           |       |     |   |   | R8XF                              | 150,304   | 444   | 112 | C | B |
|                                      | 641,440   | 1,032 | 211 | A | C | UA9XBJ                            | 1,121     | 27    | 19  | C | B |
| SM6NOC                               | 159,840   | 400   | 144 | A | C | R9XT                              | 29,328    | 175   | 48  | C | C |
| SE6W (SM6XKB, op)                    |           |       |     |   |   | RA9XU (+ R9XC & RM9X)             |           |       |     |   |   |
|                                      | 119,944   | 394   | 116 | A | C |                                   | 689,070   | 1,059 | 206 | D | C |
| SD7X                                 | 110,800   | 406   | 100 | A | C | <b>Zone 21</b>                    |           |       |     |   |   |
| SM5BMB                               | 78,546    | 237   | 114 | A | C | <b>Asiatic Russia</b>             |           |       |     |   |   |
| SM3M                                 | 13,524    | 208   | 23  | A | C | UA9JNT                            | 46,980    | 170   | 87  | A | B |
| SB3W (SM3RAB, op)                    |           |       |     |   |   | RA9JBA                            | 115,712   | 294   | 113 | B | C |
|                                      | 13,396    | 101   | 68  | A | C |                                   |           |       |     |   |   |
| SE5S                                 | 267,216   | 640   | 152 | B | B |                                   |           |       |     |   |   |
| SM7S                                 | 80,520    | 280   | 110 | B | B |                                   |           |       |     |   |   |
| SM6MVE                               | 31,734    | 165   | 82  | B | B |                                   |           |       |     |   |   |
| SM5ISM                               | 1,380     | 38    | 15  | B | B |                                   |           |       |     |   |   |

|                             |           |       |     |   |   |  |           |       |     |   |   |
|-----------------------------|-----------|-------|-----|---|---|--|-----------|-------|-----|---|---|
| RC9JWR (RV9JR & RK9JR, ops) |           |       |     |   |   | G7RTI  | 3,344     | 48    | 38  | B | B |
|                             | 785,916   | 1,146 | 171 | D | C | G4PKP  | 1,508     | 34    | 26  | B | B |
| <b>Zone 23</b>              |           |       |     |   |   | 2E1FVS   | 1,152     | 26    | 18  | B | B |
| <b>Asiatic Russia</b>       |           |       |     |   |   | GØFPU  | 864       | 22    | 18  | B | B |
| RTØQ                        | 210,240   | 506   | 120 | A | C | 2EØRTR   | 77        | 7     | 7   | B | B |
| <b>Zone 27</b>              |           |       |     |   |   | G4VMX  | 55,680    | 196   | 96  | B | C |
| <b>Belgium</b>              |           |       |     |   |   | M1JJK  | 38,316    | 172   | 93  | B | C |
| ON5WL                       | 6,510     | 83    | 30  | A | B | MØSLC  | 25,560    | 137   | 72  | B | C |
| ON6MG                       | 26,634    | 142   | 69  | A | C | MØBUE  | 11,010    | 121   | 30  | B | C |
| ON3BCL                      | 2,964     | 40    | 19  | B | A | G8JYV  | 5,760     | 64    | 45  | B | C |
| ON3AR                       | 20,026    | 121   | 62  | B | B | G3LHJ  | 126,672   | 333   | 112 | C | A |
| ON7USB                      | 960,729   | 1,175 | 231 | B | C | G3YMC  | 58,045    | 239   | 95  | C | A |
| OR1Z                        | 285,923   | 781   | 121 | B | C | MØTRN  | 19,924    | 125   | 68  | C | A |
| ON5GQ                       | 98,150    | 299   | 130 | B | C | G7PVZ  | 1,764     | 30    | 21  | C | A |
| ON7CC                       | 59,760    | 246   | 90  | C | A | MØCEF  | 1,760     | 38    | 20  | C | A |
| ON5JT                       | 275,814   | 611   | 154 | C | B | MØRYB  | 126,073   | 329   | 139 | C | B |
| ON3ND                       | 261,908   | 539   | 164 | C | B | G3RSD  | 98,974    | 275   | 142 | C | B |
| ON6LS                       | 82,620    | 262   | 102 | C | B | G3RWF  | 91,773    | 271   | 103 | C | B |
| ON6NA                       | 44,164    | 220   | 61  | C | B | G4DDX  | 51,570    | 201   | 90  | C | B |
| OP7T                        | 5,481     | 75    | 29  | C | B | M6ZSE  | 41,002    | 200   | 83  | C | B |
| ON5HY                       | 3,270     | 51    | 30  | C | B | G2HDR  | 12,420    | 108   | 45  | C | B |
| QO5M (ON5ZO, op)            |           |       |     |   |   | G3R (GØDCK, op)  |           |       |     |   |   |
|                             | 1,943,865 | 2,153 | 255 | C | C |  | 4,770     | 75    | 30  | C | B |
| OSØS                        | 193,874   | 537   | 118 | C | C | GØIBN  | 3,996     | 50    | 27  | C | B |
| OT1A                        | 1,665,495 | 2,081 | 219 | D | C | M3W (G4FAL, op)  |           |       |     |   |   |
| ON4CAS                      | 626,293   | 861   | 227 | D | C |  | 1,300,180 | 1,576 | 259 | C | C |
| ON6LR                       | 81,329    | 207   | 167 | D | C | M3I (GØORH, op)  |           |       |     |   |   |
| ON5KQ                       | 56,780    | 263   | 68  | D | C |  | 924,396   | 1,493 | 188 | C | C |
| OR4K                        | 17,884    | 117   | 68  | D | C | GØSYP  | 287,976   | 540   | 169 | C | C |
| OP4B                        | 16,170    | 104   | 49  | D | C | G4BUJ  | 222,589   | 723   | 89  | C | C |
| ON8YDC                      | 13,860    | 96    | 70  | D | C | G4HZV  | 189,758   | 413   | 158 | C | C |
| ON4VDV                      | 2,996     | 35    | 28  | D | C | G6T (G4MKP, op)  |           |       |     |   |   |
|                             |           |       |     |   |   |  | 69,432    | 356   | 66  | C | C |
| <b>England</b>              |           |       |     |   |   | G3GLL  | 29,681    | 143   | 67  | C | C |
| G4DBW                       | 132,174   | 385   | 126 | A | A | M3C (GØVQR, op)  |           |       |     |   |   |
| G4WGE/P                     | 185,896   | 441   | 152 | A | B |  | 880       | 26    | 20  | C | C |
| MØNDZ                       | 60,294    | 243   | 78  | A | B | G4RFR (G4CVX, G4POF, YO4RDW, ops)                            |           |       |     |   |   |
| M/DL7FA                     | 30,618    | 156   | 81  | A | B |  | 883,184   | 1,424 | 191 | D | C |
| MØOSH                       | 30,024    | 153   | 72  | A | B | G5LP   | 798,392   | 930   | 269 | D | C |
| G4EBK                       | 27,600    | 148   | 92  | A | B | G3TXF  | 569,076   | 706   | 282 | D | C |
| GØPBE                       | 20,658    | 133   | 66  | A | B | G5FZ (MØSIY, MØZLE, GØPIO, ops)                              |           |       |     |   |   |
| G1FON                       | 5,617     | 57    | 41  | A | B |  | 537,240   | 1,278 | 132 | D | C |
| G3WRR                       | 2,550     | 39    | 30  | A | B | G4EKT/P (G4CGG, MØGVZ, G3XYF, MØCZR, ops)                    |           |       |     |   |   |
| G3RLE                       | 2,484     | 54    | 46  | A | B |  | 368,282   | 727   | 178 | D | C |
| G4AGE                       | 50        | 10    | 5   | A | B | G1T (GØVGS, GØRDH, 2EØCKC, G1TLH, G4UME, MØPRL, 2EØJEX, ops) |           |       |     |   |   |
| MØDXR                       | 2,190,144 | 2,422 | 272 | A | C |  | 225,736   | 558   | 139 | D | C |
| G3LUW                       | 217,626   | 439   | 166 | A | C | M8Y (G3ZNR & G8AWN, ops)                                     |           |       |     |   |   |
| MØLPT                       | 30,591    | 155   | 99  | B | A |  | 67,032    | 236   | 114 | D | C |
| M5KJM                       | 114,512   | 320   | 136 | B | B | G6OKU  | 13,370    | 103   | 70  | D | C |
| MØDYI                       | 111,252   | 340   | 127 | B | B | MØVKY  | 4,770     | 95    | 18  | D | C |
| GØTAN                       | 90,530    | 301   | 110 | B | B | MØRMT  | 30        | 4     | 5   | D | C |
| G4DFI                       | 65,075    | 251   | 95  | B | B | <b>France</b>  |           |       |     |   |   |
| GØBHK                       | 51,005    | 197   | 101 | B | B | F8DRE  | 360,768   | 637   | 192 | A | B |
| 2EØPLA                      | 48,256    | 186   | 104 | B | B | F6FTB  | 14,220    | 111   | 60  | A | B |
| 2EØSQL                      | 42,845    | 191   | 95  | B | B | F8DYD  | 8,968     | 74    | 59  | A | B |
| G7DPE                       | 37,200    | 168   | 93  | B | B | F5BTH  | 7,301     | 57    | 49  | A | B |
| MØGKC                       | 34,997    | 165   | 79  | B | B | F4FDA  | 1,190     | 24    | 17  | A | B |
| GØRRM                       | 24,840    | 178   | 45  | B | B | F6CZV/P  | 465       | 15    | 15  | A | B |
| M6TOK                       | 18,705    | 193   | 29  | B | B | F4EFI  | 117       | 9     | 9   | A | B |
| G6VMR                       | 17,324    | 98    | 61  | B | B | F8BXI/P  | 6         | 3     | 2   | A | B |
| GØRAH                       | 15,050    | 126   | 43  | B | B | F4BKV  | 137,424   | 344   | 168 | A | C |
| G4HSU                       | 9,348     | 78    | 57  | B | B | F5JY   | 81,473    | 279   | 113 | A | C |
| MØTQR                       | 6,669     | 65    | 39  | B | B | F5CQ   | 33,210    | 135   | 82  | A | C |
| G4NXG                       | 4,500     | 50    | 45  | B | B | F5NBX  | 17,850    | 105   | 42  | A | C |
| G7NIB                       | 4,056     | 54    | 39  | B | B | F6DYA  | 13,115    | 95    | 43  | A | C |

|  |           |       |     |   |   |                                 |           |       |     |   |   |
|--|-----------|-------|-----|---|---|---------------------------------|-----------|-------|-----|---|---|
| F5VML  | 475       | 25    | 19  | A | C | EI/W5GN (+ Spotting Assistance) |           |       |     |   |   |
| F5LIW  | 187,131   | 341   | 201 | B | B |                                 | 612,161   | 793   | 209 | D | C |
| F4DPW  | 122,163   | 343   | 129 | B | B | EI2II                           | 220,848   | 462   | 172 | D | C |
| F6DRP  | 79,488    | 294   | 96  | B | B | EI4CF                           | 112,005   | 289   | 171 | D | C |
| F4ASK  | 59,160    | 209   | 120 | B | B | EI9KC                           | 112       | 10    | 8   | D | C |
| F1FPL  | 48,645    | 183   | 115 | B | B | <b>Isle of Man</b>              |           |       |     |   |   |
| F4GVP  | 39,748    | 169   | 76  | B | B | GD4EIP                          | 10,455    | 69    | 51  | A | B |
| F1IWH  | 33,652    | 158   | 94  | B | B | MD2C                            | 832,017   | 997   | 269 | D | C |
| F4FQZ  | 30,168    | 171   | 72  | B | B | <b>Jersey</b>                   |           |       |     |   |   |
| F4BPJ  | 26,402    | 131   | 86  | B | B | MJØCFW (JK3GAD, op)             |           |       |     |   |   |
| F4GDI  | 19,558    | 110   | 77  | B | B |                                 | 1,071,365 | 1,393 | 235 | A | B |
| F5ISY  | 13,516    | 92    | 62  | B | B | <b>Luxembourg</b>               |           |       |     |   |   |
| F4GLQ  | 11,340    | 97    | 36  | B | B | LX1NO                           | 165,969   | 689   | 81  | A | C |
| F4BDG/P  | 6,006     | 53    | 42  | B | B | <b>Netherlands</b>              |           |       |     |   |   |
| F6GMW  | 5,940     | 64    | 44  | B | B | PDØHF                           | 11,029    | 95    | 41  | A | A |
| F1HOM/P  | 5,612     | 58    | 46  | B | B | PAØMIR                          | 341,204   | 646   | 197 | A | B |
| F4CKF  | 4,949     | 53    | 49  | B | B | PA3DBS                          | 139,480   | 420   | 110 | A | B |
| F6EWX  | 4,305     | 55    | 35  | B | B | PA3FMC                          | 57,939    | 239   | 93  | A | B |
| F4FVQ  | 4,218     | 45    | 38  | B | B | PC1ØØNOM (PAØFAW, op)           |           |       |     |   |   |
| F4FGK  | 4,176     | 52    | 36  | B | B |                                 | 32,938    | 169   | 86  | A | B |
| F1ULQ  | 3,652     | 45    | 44  | B | B | PAØWKI                          | 24,219    | 127   | 69  | A | B |
| F5DRD  | 3,050     | 50    | 25  | B | B | PC3H                            | 3,082     | 48    | 23  | A | B |
| F4FWN  | 2,210     | 37    | 26  | B | B | PI4D (PA3A, op)                 |           |       |     |   |   |
| F4GFT  | 864       | 26    | 18  | B | B |                                 | 214,050   | 838   | 75  | A | C |
| F5VNB  | 1,086,810 | 1,206 | 255 | B | C | PA3J                            | 11,200    | 78    | 50  | A | C |
| F4DSK  | 516,460   | 798   | 238 | B | C | PG1R                            | 87,246    | 262   | 131 | B | B |
| F4DSE  | 170,478   | 652   | 99  | B | C | PF9A                            | 62,109    | 231   | 103 | B | B |
| F6GPT  | 116,679   | 473   | 89  | B | C | PE1FTV                          | 56,120    | 204   | 115 | B | B |
| F1AGR  | 102,087   | 233   | 171 | B | C | PD1ALW                          | 45,356    | 334   | 46  | B | B |
| F4FNT  | 36,312    | 166   | 89  | B | C | PE1OLM                          | 37,128    | 150   | 102 | B | B |
| F1MLN  | 26,520    | 126   | 68  | B | C | PE1LUB                          | 36,419    | 177   | 79  | B | B |
| F2FZ   | 77        | 7     | 7   | B | C | PA9DD                           | 32,000    | 148   | 80  | B | B |
| F5VBT  | 432,718   | 827   | 178 | C | A | PAØB                            | 30,336    | 168   | 79  | B | B |
| F/E73CQ  | 15,880    | 123   | 40  | C | A | PAØEMO                          | 26,850    | 156   | 75  | B | B |
| F5UL   | 15,054    | 140   | 39  | C | A | PDØDK                           | 21,228    | 130   | 61  | B | B |
| F5UKL  | 2,369     | 39    | 23  | C | A | PD3ALX                          | 17,580    | 105   | 60  | B | B |
| F3WT   | 1,800     | 26    | 25  | C | B | PG2P                            | 15,890    | 95    | 70  | B | B |
| F6AFC  | 25        | 5     | 5   | C | B | PAØJHS                          | 9,936     | 79    | 48  | B | B |
| F8DGY  | 881,932   | 1,687 | 148 | C | C | PD1TV                           | 6,734     | 80    | 37  | B | B |
| F6AUS  | 66,780    | 200   | 159 | C | C | PD5B                            | 5,544     | 58    | 36  | B | B |
| F5IHZ  | 4,712     | 52    | 31  | C | C | PD1EJA                          | 5,229     | 83    | 21  | B | B |
| F6KOP (F5NQL, F5RAB, F4AJQ, F4TTR, F4TJE, ops) |           |       |     |   |   | PD1RO                           | 3,840     | 56    | 30  | B | B |
|  | 787,612   | 1,290 | 161 | D | C | PA1TO                           | 3,565     | 49    | 31  | B | B |
| F4FFH  | 442,773   | 747   | 207 | D | C | PDØNMF                          | 3,420     | 45    | 36  | B | B |
| F8DHB  | 169,737   | 591   | 87  | D | C | PD1ABO                          | 2,616     | 51    | 24  | B | B |
| F4EUN  | 148,404   | 404   | 149 | D | C | PE2KM                           | 1,992     | 37    | 24  | B | B |
| F5KOU (F6BAX, F5JSK, F5DRD, ops)               |           |       |     |   |   | PE1RWL                          | 1,794     | 35    | 26  | B | B |
|  | 142,443   | 349   | 147 | D | C | PA2PWM                          | 1,485     | 47    | 11  | B | B |
| F8AEE (+ Spotting Assistance)                  |           |       |     |   |   | PA3DCU                          | 372       | 13    | 12  | B | B |
|  | 89,600    | 436   | 64  | D | C | PAØLIE                          | 162       | 12    | 9   | B | B |
| F4GLK  | 47,838    | 185   | 102 | D | C | PE1EXD                          | 81        | 9     | 9   | B | B |
| F5PNI  | 11,458    | 91    | 34  | D | C | PA1PJ                           | 64        | 8     | 8   | B | B |
| F8DHE  | 6,119     | 75    | 29  | D | C | PF1MO                           | 67,580    | 244   | 109 | B | C |
| F4FRF  | 5,512     | 56    | 52  | D | C | PAØDOM                          | 11,407    | 73    | 61  | B | C |
| F5TMJ  | 3,381     | 65    | 21  | D | C | PE2K                            | 67,053    | 243   | 93  | C | A |
| <b>Guernsey</b>                                |           |       |     |   |   | PC5D                            | 39,160    | 164   | 89  | C | A |
| MUØFAL   | 16,380    | 205   | 28  | A | C | PAØRBO                          | 8,184     | 74    | 44  | C | A |
| <b>Ireland</b>                                 |           |       |     |   |   | PG7V                            | 514,065   | 813   | 215 | C | B |
| EI6KC  | 14,400    | 136   | 45  | A | A | PA3CVI                          | 331,866   | 612   | 179 | C | B |
| EI3CTB   | 82,401    | 273   | 121 | B | B | PA3ARM                          | 304,960   | 632   | 160 | C | B |
| EI8GXB   | 7,371     | 71    | 39  | B | B | PA2W                            | 237,765   | 501   | 165 | C | B |
| EI/WI9WI                                       | 9,494     | 90    | 47  | C | A | PA2REH                          | 187,425   | 457   | 147 | C | B |
| EI8JX  | 242,627   | 551   | 137 | C | B | PA2GRU                          | 151,354   | 398   | 133 | C | B |
| EI7CC  | 112,808   | 334   | 118 | C | B | PAØTCA                          | 110,024   | 297   | 136 | C | B |
|  |           |       |     |   |   | PA3ANN                          | 70,380    | 266   | 90  | C | B |

|   |           |       |     |   |   |
|---|-----------|-------|-----|---|---|
| PA0VDV                                  | 60,526    | 211   | 106 | C | B |
| PA3AQL                                  | 46,013    | 193   | 89  | C | B |
| PA0RBA                                  | 33,799    | 143   | 73  | C | B |
| PA5GU                                   | 33,345    | 157   | 65  | C | B |
| PA0ATG                                  | 27,900    | 150   | 75  | C | B |
| PA0WLB                                  | 27,602    | 151   | 74  | C | B |
| PA3EEG                                  | 26,740    | 146   | 70  | C | B |
| PA0VLA                                  | 15,105    | 101   | 53  | C | B |
| PD0LFJ                                  | 7,630     | 88    | 35  | C | B |
| PA3AFF                                  | 3,838     | 53    | 38  | C | B |
| PA4MP                                   | 3,480     | 57    | 24  | C | B |
| PE3HG                                   | 3,388     | 51    | 28  | C | B |
| PA3CLQ                                  | 2,300     | 43    | 20  | C | B |
| PA3AAV                                  | 1,038,105 | 1,403 | 207 | C | C |
| PA5TT                                   | 66,729    | 241   | 87  | C | C |
| PA0JNH                                  | 6,528     | 72    | 32  | C | C |
| PA5KT                                   | 3,392     | 74    | 16  | C | C |
| PI4DX (PD1DX, PD2DX, PA3EVY, PC5Z, ops) | 996,721   | 1,239 | 251 | D | C |
| PI4KGL (PA1ENG, PB2JJ, PH2M, ops)       | 763,116   | 1,073 | 228 | D | C |
| PA0LOU                                  | 373,674   | 550   | 217 | D | C |
| PA3ACA                                  | 244,989   | 439   | 167 | D | C |
| PA5WT                                   | 228,564   | 602   | 126 | D | C |
| PA3T                                    | 165,456   | 409   | 144 | D | C |
| PD9X                                    | 137,870   | 556   | 85  | D | C |
| PD7BZ                                   | 123,948   | 410   | 99  | D | C |
| PA3HGF                                  | 59,895    | 213   | 99  | D | C |
| PA3GVI                                  | 47,040    | 250   | 60  | D | C |
| PA7BAS                                  | 38,907    | 167   | 99  | D | C |
| PA2CVD                                  | 38,640    | 176   | 92  | D | C |
| PE1NCP                                  | 10,166    | 83    | 46  | D | C |
| PD1DX                                   | 7,350     | 114   | 25  | D | C |
| PA1PAT                                  | 6,908     | 71    | 44  | D | C |
| PA8KM                                   | 5,750     | 67    | 46  | D | C |
| PD0MHZ                                  | 5,346     | 72    | 33  | D | C |
| PA3GEO                                  | 2,600     | 48    | 26  | D | C |
| PD1LG                                   | 2,516     | 42    | 34  | D | C |
| PA0JED                                  | 1,659     | 31    | 21  | D | C |
| PA0QRB                                  | 1,160     | 28    | 29  | D | C |
| <b>Northern Ireland</b>                 |           |       |     |   |   |
| GI4DOH                                  | 342,417   | 687   | 157 | C | B |
| GI4VIV                                  | 85,536    | 250   | 108 | C | C |
| GI4AAM                                  | 87,375    | 285   | 125 | D | C |
| <b>Scotland</b>                         |           |       |     |   |   |
| MM8Z (GM7VSB, op)                       | 176,904   | 405   | 168 | B | B |
| MM0LBX                                  | 121,338   | 416   | 107 | B | B |
| MM0GOR                                  | 35,216    | 180   | 71  | B | B |
| GM3CFS                                  | 116,466   | 264   | 177 | C | B |
| GM3WUX                                  | 371,280   | 768   | 170 | C | C |
| GM4SID                                  | 247,432   | 562   | 157 | C | C |
| GM4WZG (+ GM3VYJ)                       | 267,880   | 542   | 181 | D | C |
| GM5M                                    | 40,876    | 425   | 44  | D | C |
| <b>Wales</b>                            |           |       |     |   |   |
| MW8T (MM0CWJ, op)                       | 396       | 18    | 18  | B | A |
| GW9X (MW1LCR, op)                       | 241,032   | 714   | 121 | B | C |
| GW0GEI                                  | 1,908     | 52    | 18  | D | C |
| <b>Zone 28</b>                          |           |       |     |   |   |
| <b>Albania</b>                          |           |       |     |   |   |
| ZA1G                                    | 10,878    | 104   | 37  | C | B |

|                                |           |       |     |   |   |
|--------------------------------|-----------|-------|-----|---|---|
| <b>Austria</b>                 |           |       |     |   |   |
| OE2E (OE2GEN, op)              | 289,057   | 591   | 181 | A | B |
| OE3RTB                         | 87,630    | 302   | 127 | A | B |
| OE2JL                          | 3,010     | 42    | 43  | A | B |
| OE3K (OE2VEL, op)              | 2,914,070 | 2,698 | 311 | A | C |
| OE6HLF                         | 156,519   | 433   | 153 | B | B |
| OE3DMA                         | 3,399     | 77    | 33  | B | B |
| OE6U (OE6KME, op)              | 299,736   | 687   | 184 | B | C |
| OE5UAL                         | 115,974   | 264   | 153 | D | C |
| OE2LCM                         | 43,976    | 280   | 46  | D | C |
| <b>Bosnia-Herzegovina</b>      |           |       |     |   |   |
| E73ECJ (E77CW, op)             | 26,460    | 192   | 49  | A | B |
| E7DX (E77DX, op)               | 3,722,579 | 3,355 | 343 | A | C |
| E78CB/QRP                      | 3         | 1     | 1   | B | A |
| E77TA                          | 5,439     | 67    | 37  | C | A |
| E770                           | 88,992    | 252   | 108 | C | B |
| E7TT (E73S, E73RO, E78CB, ops) | 228,960   | 708   | 120 | D | C |
| <b>Bulgaria</b>                |           |       |     |   |   |
| LZ0M (LZ2SX, op)               | 510,068   | 908   | 221 | A | A |
| LZ5VV                          | 66,310    | 254   | 95  | A | B |
| LZ1DNY                         | 31,668    | 140   | 78  | A | B |
| LZ3FN                          | 2,327,368 | 2,830 | 314 | A | C |
| LZ1IKY                         | 224       | 8     | 8   | A | C |
| LZ3SD                          | 64,100    | 265   | 100 | B | B |
| LZ1VCT                         | 21,384    | 141   | 72  | B | B |
| LZ7H                           | 182,816   | 378   | 116 | C | A |
| LZ1MG                          | 79,698    | 280   | 111 | C | A |
| LZ1AQ                          | 45,864    | 304   | 52  | C | A |
| LZ2RS                          | 5,820     | 74    | 30  | C | A |
| LZ1VB                          | 3,942     | 48    | 27  | C | A |
| LZ8E (LZ2BE, op)               | 1,675,520 | 2,118 | 308 | C | B |
| LZ9R (LZ3YY, op)               | 850,238   | 1,138 | 289 | C | B |
| LZ2PS                          | 181,272   | 409   | 168 | C | B |
| LZ1OJ                          | 135,050   | 303   | 146 | C | B |
| LZ2CWW                         | 133,266   | 465   | 114 | C | B |
| LZ1GE                          | 78,578    | 292   | 101 | C | B |
| LZ1HW                          | 71,445    | 199   | 165 | C | B |
| LZ2FM                          | 59,520    | 206   | 120 | C | B |
| LZ3PZ                          | 20,874    | 157   | 42  | C | B |
| LZ1FJ                          | 11,448    | 91    | 72  | C | B |
| LZ4BU                          | 1,640     | 40    | 41  | C | B |
| LZ1QN                          | 312,000   | 842   | 150 | C | C |
| LZ2HR                          | 222,976   | 1,074 | 67  | C | C |
| LZ2NG                          | 11,130    | 116   | 35  | C | C |
| LZ3YV                          | 5,280     | 64    | 24  | C | C |
| LZ6C (LZ1NK & LZ2UW, ops)      | 2,101,496 | 2,301 | 328 | D | C |
| LZ1ONK                         | 403,137   | 781   | 189 | D | C |
| LZ1BJ                          | 299,832   | 1,026 | 124 | D | C |
| LZ1DQ                          | 161,880   | 457   | 120 | D | C |
| LZ1DM                          | 116,156   | 358   | 142 | D | C |
| LZ2ZG                          | 96,424    | 273   | 136 | D | C |
| LZ1YQ                          | 49,044    | 164   | 122 | D | C |
| LZ1QZ                          | 44,352    | 222   | 88  | D | C |
| LZ1KP                          | 36,636    | 158   | 71  | D | C |



**Corsica**

TK4LS 23,680 200 64 B B

**Croatia**

9A2EY 85,248 320 111 A A

9A4R 82,308 316 114 A B

9A2TE 36,006 179 102 A B

9A2GA 30,260 150 85 A B

9A3SM 20,292 140 89 A B

9A4U (9A4BQ, op) 2,250 41 30 A B

9A4MF 1,456 32 28 A B

9A6GUO 1,408 30 22 A B

9A1MB 1,029 27 21 A B

9A7ZZ 780 28 26 A B

9A6KKD 774 25 18 A B

9A6LRY 760 24 20 A B

9A2BW 667 17 23 A B

9A3QB 627 23 19 A B

9A3ETS 336 16 14 A B

9A4DK 288 16 12 A B

9A1CTL (9A5BBJ, op) 25 5 5 A B

9A5X 3,352,365 2,795 345 A C

9A5K 2,913,050 2,657 350 A C

9A6JOY 6,150 76 41 A C

9A6NDD 175,644 399 164 B B

9A8BEN 53,100 332 75 B B

9A7IMR 17,568 140 48 B B

9A3TY 6,090 82 29 B B

9A8DX 786,562 1,089 266 B C

9A3DML 55,237 281 91 C B

9A5BWW 82,600 236 140 D C

9A7JCY 79,980 265 124 D C

9A1CFN (9A2BW, 9A3CVS, 9A3CVR, 9A3EMJ, ops) 504 22 21 D C

**Czech Republic**

OK7CM 168,902 417 158 A A

OK2BRS 16,960 112 53 A A

OK1JOC 377,901 739 211 A B

OK1DNJ 223,860 549 140 A B

OK1MKU 192,425 401 179 A B

OK1BA 174,720 490 130 A B

OK2SWD 37,881 197 69 A B

OK1KZ 24,346 141 74 A B

OK1AKE 7,750 63 50 A B

OK5SWL (OK2SWD, op) 1,100 19 20 A B

OL5Y 385,120 612 232 A C

OL0W (OK1DSZ, op) 273,460 860 121 A C

OK1AVY 120,932 293 196 A C

OK1AMF 83,070 217 130 A C

OK7GU 49,256 222 94 A C

OK6CX 38,720 252 55 A C

OK2BRX 98,145 287 135 B B

OK1PMA 71,340 244 123 B B

OK2BJC 15,768 114 73 B B

OK3C (OK2ZC, op) 779,106 1,066 267 C A

OK2NMA 34,275 203 75 C A

OK2ZI 1,302,300 1,495 300 C B

OK1CZ 777,878 1,041 262 C B

OK2BFN 655,017 961 253 C B

OK2QX 441,000 676 225 C B

OK1HX 437,084 668 226 C B

OK2BUT 402,535 639 217 C B

OK1DOR 370,185 865 185 C B

OK2SGW 214,880 443 160 C B

OK1HCG 203,997 579 159 C B

OK2EA 200,458 497 146 C B

OK1FMG 199,485 491 155 C B

OK1FCA 143,500 436 125 C B

OK2HBY 137,280 380 130 C B

OK1NE 136,764 354 131 C B

OK1FMX 121,250 392 125 C B

OK3EQ 109,252 308 143 C B

OK2BNF 79,275 261 105 C B

OK1MZO 56,823 217 93 C B

OK2BND 53,340 206 105 C B

OK2EC 51,183 209 99 C B

OK2KFK 33,252 160 102 C B

OK1UKV 32,640 168 85 C B

OK3MO 19,404 122 66 C B

OK1SI 13,959 157 47 C B

OK1TFH 11,476 86 38 C B

OK1ARO 10,296 88 66 C B

OK2BME 1,512 47 24 C B

OL8M 2,383,740 2,007 380 C C

OK1VD 1,203,587 1,277 319 C C

OK8DD 611,520 948 224 C C

OK2ABU 54,945 195 111 C C

OK7O (OK1DOL &amp; OK1GTH, ops) 1,073,432 1,530 218 D C

OK7Y (OK1FDY, op) 678,216 967 264 D C

OK2PCL 45,201 195 57 D C

OK2BEN 18,700 137 68 D C

OK2PF 16,192 133 64 D C

OK2WZN 10,780 90 55 D C

OK7AA 1,980 45 36 D C

OK6DJ 231 15 11 D C

OK1ABF 132 11 12 D C

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DL6OZ 47,565 221 105 A A

DL3BVA 3,720 50 30 A A

DL2BIS 560 20 14 A A

DH0JAE 112 12 8 A A

DL1NKS 434,025 807 225 A B

DQ2X (DL2DCX, op) 254,660 680 170 A B

DL5AWI 209,620 499 188 A B

DM7MM 180,400 453 176 A B

DK4YJ 138,176 392 136 A B

DL7UGO 129,000 300 150 A B

DL2YCA 128,904 432 131 A B

DL8MAS 124,540 400 130 A B

DM3FZN 121,260 344 129 A B

DL2VV 116,571 359 147 A B

DL4JWU 114,912 358 144 A B

DF5BX 104,247 351 143 A B

DQ0A (DK2DQ, op) 97,600 442 122 A B

DK4WF 95,691 321 191 A B

DF3TE 83,202 278 147 A B

DL7UXG 82,705 325 119 A B

DL3HWD 82,678 285 134 A B

DL1EAL 82,472 244 122 A B

DL4SZB 82,040 288 140 A B

DL9ABM 78,650 235 130 A B

DL9ZWG 78,232 286 127 A B

DK7FP 69,115 247 115 A B

DL5AYI 66,564 286 86 A B

|                     |           |       |     |   |   |                   |           |       |     |     |
|---------------------|-----------|-------|-----|---|---|-------------------|-----------|-------|-----|-----|
| DF8XC               | 65,151    | 231   | 127 | A | B | DK6XZ (E77XZ, op) |           |       |     |     |
| DL9NO               | 59,276    | 273   | 116 | A | B |                   | 1,641,516 | 1,922 | 267 | A C |
| DH1PAL              | 55,198    | 220   | 143 | A | B | DL1DAW            | 646,945   | 939   | 269 | A C |
| DO6SR               | 52,170    | 245   | 74  | A | B | DL5JS             | 609,248   | 994   | 241 | A C |
| DM2TO               | 47,594    | 181   | 106 | A | B | DL5ZBA            | 556,600   | 830   | 242 | A C |
| DL8UAA              | 46,704    | 193   | 112 | A | B | DK7AN             | 522,504   | 770   | 246 | A C |
| DJ6TK               | 45,441    | 223   | 99  | A | B | DL3GA             | 476,272   | 870   | 206 | A C |
| DGØDG               | 41,391    | 159   | 81  | A | B | DL2VK             | 459,550   | 844   | 175 | A C |
| DL5DBH              | 38,456    | 196   | 92  | A | B | DL8ZAW            | 433,269   | 737   | 243 | A C |
| DL7UPN              | 36,022    | 174   | 83  | A | B | DKØAE (DJ1AA, op) |           |       |     |     |
| DJ7ZZ               | 34,086    | 153   | 78  | A | B |                   | 356,670   | 551   | 270 | A C |
| DL1ASH              | 33,516    | 193   | 84  | A | B | DL1RYD            | 299,250   | 601   | 210 | A C |
| DKØKG               | 30,320    | 197   | 80  | A | B | DK9TN             | 273,876   | 795   | 116 | A C |
| DL5SWB              | 29,920    | 188   | 80  | A | B | DL5ASK            | 241,600   | 480   | 200 | A C |
| DK9BW               | 29,754    | 146   | 87  | A | B | DK2AT             | 235,776   | 556   | 192 | A C |
| DL2ASB              | 28,747    | 163   | 89  | A | B | DL9LM             | 158,620   | 496   | 103 | A C |
| DO2MS               | 28,259    | 167   | 77  | A | B | DJ3WE             | 115,544   | 354   | 143 | A C |
| DK1LRS              | 27,778    | 165   | 86  | A | B | DD7NT             | 80,192    | 290   | 112 | A C |
| DL9GMN              | 26,496    | 158   | 92  | A | B | DF5AU             | 37,084    | 140   | 127 | A C |
| DL8DWW              | 26,312    | 134   | 92  | A | B | DL6ZXG            | 33,216    | 169   | 64  | A C |
| DL3APK              | 24,444    | 175   | 84  | A | B | DF2IAX            | 28,380    | 144   | 66  | A C |
| DL6ABB              | 19,272    | 142   | 73  | A | B | DB1VQ             | 28,026    | 156   | 81  | A C |
| DL9GWA              | 19,210    | 134   | 85  | A | B | DL6UHA            | 18,048    | 124   | 47  | A C |
| DL8CKL              | 18,403    | 123   | 77  | A | B | DK4RL             | 16,206    | 107   | 74  | A C |
| DO6PS               | 17,618    | 149   | 46  | A | B | DL6AKK            | 8,500     | 92    | 34  | A C |
| DL7UMK/P            | 15,476    | 102   | 73  | A | B | DM5JBN            | 7,540     | 88    | 65  | A C |
| DL2LRT              | 15,405    | 85    | 65  | A | B | DL9ZEA            | 6,480     | 83    | 48  | A C |
| DO3NPM              | 14,986    | 116   | 59  | A | B | DJ8ES             | 4,838     | 60    | 41  | A C |
| DL1OJ               | 14,736    | 115   | 48  | A | B | DL5ST             | 3,960     | 64    | 55  | A C |
| DL2ARG              | 14,616    | 95    | 56  | A | B | DL6FKK            | 3,080     | 62    | 44  | A C |
| DL3XM               | 11,760    | 80    | 40  | A | B | DC2CB             | 2,813     | 41    | 29  | A C |
| DK8NI               | 11,644    | 100   | 71  | A | B | DL7ULF            | 2,200     | 45    | 40  | A C |
| DK3YD               | 10,388    | 94    | 53  | A | B | DJ1AA             | 1,513     | 47    | 17  | A C |
| DL3MVC              | 9,912     | 79    | 56  | A | B | DL2SWN            | 1,254     | 29    | 22  | A C |
| DL1WA               | 9,405     | 81    | 55  | A | B | DL1TPY            | 1,092     | 24    | 21  | A C |
| DL2AWA              | 8,690     | 82    | 55  | A | B | DL5JAN            | 576       | 20    | 16  | A C |
| DK4VY               | 4,836     | 70    | 31  | A | B | DL2RU             | 528       | 21    | 16  | A C |
| DO1DXX              | 4,275     | 51    | 45  | A | B | DL2DTL            | 494       | 16    | 13  | A C |
| DL7FBG              | 4,250     | 75    | 34  | A | B | DB3LO             | 405       | 23    | 15  | A C |
| DF9RC               | 3,068     | 46    | 26  | A | B | DL8USA            | 330       | 18    | 11  | A C |
| DH5WB               | 2,828     | 39    | 28  | A | B | DL2MJ             | 264       | 12    | 6   | A C |
| DM3XI               | 2,755     | 37    | 29  | A | B | DFØDX             | 144       | 12    | 12  | A C |
| DL7UDA              | 2,622     | 49    | 46  | A | B | DL8DXF            | 104       | 11    | 8   | A C |
| DL2ZA               | 2,482     | 62    | 17  | A | B | DLØPL             | 96        | 12    | 8   | A C |
| DL4SUN              | 2,079     | 39    | 33  | A | B | DLØDLE            | 88        | 11    | 8   | A C |
| DL9HCO              | 1,984     | 42    | 31  | A | B | DL9JON            | 66        | 11    | 6   | A C |
| DL8DXL              | 1,456     | 34    | 26  | A | B | DL6UD             | 48        | 8     | 6   | A C |
| DH5AO               | 1,408     | 28    | 22  | A | B | DJ3GE             | 13,098    | 104   | 59  | B A |
| DC9AM               | 1,235     | 25    | 13  | A | B | DF7LS             | 6,762     | 89    | 42  | B A |
| DL1ARD              | 1,020     | 26    | 15  | A | B | DL1JHI            | 6,656     | 74    | 52  | B A |
| DM2DXG              | 1,008     | 32    | 24  | A | B | DL1APQ            | 1,711     | 33    | 29  | B A |
| DH6YMC              | 893       | 27    | 19  | A | B | DN1APQ            | 760       | 22    | 20  | B A |
| DA3T                | 532       | 24    | 19  | A | B | DF2DJ             | 700,570   | 1,130 | 221 | B B |
| DO3MSB              | 494       | 16    | 19  | A | B | DF2SD             | 532,152   | 864   | 228 | B B |
| DLØXM (DM3XM, op)   |           |       |     |   |   | DP4M (DJ4MH, op)  |           |       |     |     |
|                     | 448       | 20    | 14  | A | B |                   | 194,360   | 504   | 172 | B B |
| DF5WBA              | 286       | 18    | 13  | A | B | DJØMCZ            | 180,334   | 459   | 154 | B B |
| DN6VV (DF8VV, op)   |           |       |     |   |   | DD5AJ             | 120,232   | 323   | 152 | B B |
|                     | 225       | 15    | 15  | A | B | DJ4DN             | 118,440   | 295   | 168 | B B |
| DL2AWB              | 165       | 15    | 11  | A | B | DL2DQL            | 111,108   | 316   | 141 | B B |
| DR1X                | 121       | 11    | 11  | A | B | DG1ROD            | 103,149   | 293   | 157 | B B |
| DLØHBS (DM2DXG, op) |           |       |     |   |   | DM2AWM            | 71,004    | 260   | 122 | B B |
|                     | 72        | 12    | 6   | A | B | DL9LF             | 69,864    | 254   | 123 | B B |
| DJ7JI               | 40        | 8     | 5   | A | B | DD1OP             | 48,556    | 188   | 122 | B B |
| DL1QQ               | 2,610,696 | 2,450 | 319 | A | C | DL4EBA            | 42,420    | 202   | 101 | B B |
| DQ4W (9A6XX, op)    |           |       |     |   |   | DL4VAI            | 40,320    | 168   | 96  | B B |
|                     | 2,441,934 | 2,286 | 297 | A | C | DL2YAK            | 38,456    | 198   | 92  | B B |

|                   |           |       |     |   |   |                   |         |       |     |   |   |
|-------------------|-----------|-------|-----|---|---|-------------------|---------|-------|-----|---|---|
| DG1LS             | 36,180    | 159   | 108 | B | B | DK4IO             | 8,008   | 78    | 52  | B | C |
| DL3BY             | 33,669    | 179   | 87  | B | B | DKØMN (DD5FZ, op) |         |       |     |   |   |
| DO5TMM            | 33,150    | 194   | 75  | B | B |                   | 2,700   | 50    | 45  | B | C |
| DO3KMF            | 31,652    | 156   | 82  | B | B | DL1AOP            | 624     | 16    | 12  | B | C |
| DL2AMM            | 31,500    | 172   | 90  | B | B | DO2ABK            | 540     | 27    | 12  | B | C |
| DL9FB             | 24,975    | 141   | 75  | B | B | DM1PAX            | 9       | 3     | 3   | B | C |
| DK1AUP            | 24,332    | 146   | 77  | B | B | DD1IM             | 256,477 | 457   | 181 | C | A |
| DJ5LY             | 20,145    | 119   | 85  | B | B | DL1CW             | 103,808 | 307   | 128 | C | A |
| DJ2GMS            | 20,080    | 115   | 80  | B | B | DL1EFW            | 77,440  | 296   | 110 | C | A |
| DG1DRS            | 17,710    | 116   | 77  | B | B | DL1DXA            | 34,398  | 177   | 78  | C | A |
| DL3VL             | 17,661    | 111   | 87  | B | B | DG9VH             | 34,113  | 171   | 83  | C | A |
| DK1TS             | 14,941    | 105   | 67  | B | B | DK5IM             | 29,280  | 168   | 80  | C | A |
| DC2ZL             | 14,301    | 105   | 63  | B | B | DL1JDQ            | 15,333  | 99    | 57  | C | A |
| DL5AWE            | 14,040    | 110   | 78  | B | B | DL2RSS            | 12,852  | 94    | 54  | C | A |
| DM2AJK            | 13,696    | 98    | 64  | B | B | DL6MWG            | 12,040  | 101   | 56  | C | A |
| DG8FAY            | 12,450    | 96    | 75  | B | B | DM1LM             | 2,871   | 45    | 33  | C | A |
| DC2TOM            | 11,960    | 98    | 46  | B | B | DL4NBV            | 1,248   | 28    | 24  | C | A |
| DL7CU             | 11,880    | 86    | 55  | B | B | DJ9DZ             | 742,400 | 1,048 | 256 | C | B |
| DH2PAF            | 10,921    | 99    | 67  | B | B | DD5M (DJØZY, op)  |         |       |     |   |   |
| DD8IU             | 9,540     | 81    | 60  | B | B |                   | 681,991 | 979   | 233 | C | B |
| DO8YX             | 9,504     | 88    | 54  | B | B | DLØSOP            | 596,866 | 1,117 | 226 | C | B |
| DL7FB             | 8,322     | 107   | 38  | B | B | DL9ZP             | 537,880 | 842   | 226 | C | B |
| DM3KZN            | 6,888     | 72    | 42  | B | B | DK8NT             | 408,758 | 729   | 194 | C | B |
| DK6QW             | 6,624     | 62    | 48  | B | B | DK1FT             | 408,040 | 744   | 202 | C | B |
| DN2SX             | 6,318     | 78    | 39  | B | B | DKØPO (DK2CF, op) |         |       |     |   |   |
| DL1MWG            | 5,658     | 62    | 41  | B | B |                   | 406,600 | 787   | 200 | C | B |
| DK5FT             | 5,577     | 63    | 33  | B | B | DL5KUD            | 404,019 | 653   | 231 | C | B |
| DG7SCB            | 5,358     | 62    | 47  | B | B | DL4WA             | 372,344 | 594   | 218 | C | B |
| DD8EI             | 3,900     | 50    | 39  | B | B | DL6KWN            | 292,746 | 617   | 194 | C | B |
| DK4VF             | 3,750     | 53    | 30  | B | B | DL5YL             | 279,395 | 627   | 173 | C | B |
| DB3BX             | 3,600     | 51    | 48  | B | B | DL1ET             | 250,685 | 565   | 181 | C | B |
| DF2AJ             | 3,325     | 37    | 35  | B | B | DL9NEI            | 208,750 | 498   | 167 | C | B |
| DM5WH             | 3,108     | 56    | 42  | B | B | DL4XU             | 197,890 | 521   | 154 | C | B |
| DL1GO             | 2,573     | 41    | 31  | B | B | DG7EE             | 188,160 | 396   | 168 | C | B |
| DG6MBS            | 1,190     | 35    | 34  | B | B | DM3CW             | 177,625 | 411   | 145 | C | B |
| DGØOM             | 1,152     | 32    | 32  | B | B | DF4XX             | 175,462 | 397   | 166 | C | B |
| DM1JH             | 936       | 22    | 18  | B | B | DL1BUG            | 163,200 | 430   | 160 | C | B |
| DG3FFM            | 928       | 28    | 29  | B | B | DL4ZA             | 160,362 | 402   | 151 | C | B |
| DL6HWH            | 832       | 22    | 13  | B | B | DL4AUK            | 119,168 | 369   | 128 | C | B |
| DL1AMD            | 558       | 21    | 18  | B | B | DF4XG             | 114,570 | 359   | 134 | C | B |
| DO1KUB            | 476       | 18    | 17  | B | B | DL3KVR            | 109,888 | 324   | 136 | C | B |
| DO7GIU            | 459       | 17    | 17  | B | B | DL3KWF            | 104,394 | 330   | 137 | C | B |
| DL7LZ             | 396       | 18    | 18  | B | B | DM2RN             | 100,800 | 318   | 126 | C | B |
| DM4KR             | 330       | 11    | 6   | B | B | DL1RTS            | 93,280  | 302   | 110 | C | B |
| DG1VR             | 225       | 15    | 15  | B | B | DL1THB            | 92,415  | 377   | 101 | C | B |
| DL9WO             | 180       | 10    | 6   | B | B | DK7GH             | 82,511  | 219   | 143 | C | B |
| DM4LTE/M          | 84        | 8     | 7   | B | B | DF5LW             | 79,230  | 317   | 114 | C | B |
| DO2AFM            | 32        | 4     | 4   | B | B | DK9HE             | 74,405  | 277   | 115 | C | B |
| DLØZI             | 9         | 3     | 3   | B | B | DL3KWR            | 73,830  | 255   | 138 | C | B |
| DD6VAA            | 4         | 2     | 2   | B | B | DF6RI             | 68,769  | 243   | 81  | C | B |
| DH8BQA            | 1,233,960 | 1,775 | 280 | B | C | DJ3XA             | 67,952  | 248   | 124 | C | B |
| DA2C (DL8OBQ, op) |           |       |     |   |   | DK7ZH             | 67,639  | 247   | 121 | C | B |
|                   | 1,129,140 | 1,452 | 246 | B | C | DL3FBB            | 60,489  | 217   | 99  | C | B |
| DJ7WW             | 673,794   | 1,007 | 246 | B | C | DC9MA             | 59,616  | 251   | 96  | C | B |
| DL9OHA            | 404,931   | 645   | 219 | B | C | DH2URF            | 59,472  | 210   | 118 | C | B |
| DK4VW             | 169,936   | 374   | 172 | B | C | DJ5HB             | 58,140  | 250   | 114 | C | B |
| DD8SM             | 165,957   | 413   | 141 | B | C | DJ3XD             | 56,296  | 200   | 124 | C | B |
| DC1JAG            | 128,084   | 357   | 164 | B | C | DL4VQ             | 55,500  | 187   | 100 | C | B |
| DK8WG             | 101,040   | 338   | 120 | B | C | DK9MH             | 50,720  | 222   | 80  | C | B |
| DJ8LX             | 78,144    | 240   | 132 | B | C | DL1HBT            | 42,640  | 154   | 82  | C | B |
| DL8DBW            | 58,032    | 228   | 117 | B | C | DL5CL             | 40,086  | 175   | 102 | C | B |
| DL7DS             | 50,578    | 204   | 121 | B | C | DL1AKL            | 38,184  | 186   | 86  | C | B |
| DL7DCL            | 37,890    | 175   | 90  | B | C | DL4JU             | 30,129  | 141   | 83  | C | B |
| DL1PT             | 37,260    | 181   | 92  | B | C | DL7VHP            | 29,011  | 149   | 67  | C | B |
| DG2SRL            | 33,269    | 147   | 103 | B | C | DL4AAE            | 27,776  | 160   | 56  | C | B |
| DL1WM             | 15,500    | 98    | 62  | B | C | DK5ZX             | 20,150  | 159   | 62  | C | B |
| DG1EA             | 9,128     | 93    | 56  | B | C | DM3AZ             | 19,224  | 106   | 54  | C | B |

|  |           |       |     |   |   |  |         |     |     |   |   |
|--|-----------|-------|-----|---|---|--|---------|-----|-----|---|---|
| DK2FG  | 18,864    | 175   | 48  | C | B | DK3UA                                      | 337,595 | 465 | 251 | D | C |
| DL1HSI   | 17,908    | 110   | 74  | C | B | DK3KD                                      | 327,660 | 586 | 215 | D | C |
| DL3DUE   | 13,395    | 95    | 57  | C | B | DL8SCG                                     | 312,654 | 499 | 214 | D | C |
| DK6YM  | 13,338    | 118   | 57  | C | B | DD1A (DO1GAR, DO5FM, DF4KD, ops)           |         |     |     |   |   |
| DF8DX  | 11,410    | 152   | 35  | C | B |  | 286,635 | 613 | 197 | D | C |
| DL5QS  | 11,115    | 87    | 39  | C | B | DF9OO                                      | 227,416 | 440 | 217 | D | C |
| DL6DSA   | 8,730     | 70    | 45  | C | B | DF7EF                                      | 207,557 | 401 | 199 | D | C |
| DF9DM  | 8,520     | 83    | 40  | C | B | DLØP (DL7JSN, DL7JBO, DL1GOR, DL2KMS, ops) |         |     |     |   |   |
| DM3RB  | 7,203     | 77    | 49  | C | B |  | 203,456 | 478 | 187 | D | C |
| DO1UZ  | 7,080     | 77    | 40  | C | B | DL7JAN                                     | 164,052 | 380 | 147 | D | C |
| DLØEKO (DL8UKE, op)                              |           |       |     |   |   | DF1LX                                      | 134,664 | 318 | 186 | D | C |
|  | 5,728     | 95    | 32  | C | B | DL7BY                                      | 118,104 | 335 | 152 | D | C |
| DF5TR  | 5,434     | 59    | 26  | C | B | DD2CW                                      | 100,360 | 313 | 104 | D | C |
| DO9HSK   | 5,181     | 77    | 33  | C | B | DL4ALI                                     | 76,336  | 300 | 104 | D | C |
| DL5JRA   | 5,115     | 91    | 33  | C | B | DK4WO                                      | 76,048  | 292 | 97  | D | C |
| DJ5NN  | 2,378     | 38    | 29  | C | B | DO4DXA                                     | 70,080  | 260 | 73  | D | C |
| DL7AT  | 2,376     | 38    | 36  | C | B | DJ2YE                                      | 56,772  | 220 | 114 | D | C |
| DJ4EY  | 1,716     | 34    | 33  | C | B | DF7JC                                      | 44,414  | 177 | 106 | D | C |
| DL6UAM   | 1,323     | 33    | 27  | C | B | DL1DQW                                     | 40,602  | 164 | 101 | D | C |
| DK3AX  | 624       | 20    | 12  | C | B | DL5KW                                      | 38,688  | 170 | 104 | D | C |
| DL5FCO   | 544       | 18    | 16  | C | B | DG2MKV                                     | 28,756  | 134 | 91  | D | C |
| DL1SBF   | 520       | 20    | 20  | C | B | DM2SR                                      | 23,058  | 138 | 61  | D | C |
| DJ5MW  | 2,523,618 | 2,513 | 314 | C | C | DKØOD (DG7RO, DL2MDU, DJ2FR, ops)          |         |     |     |   |   |
| DK2OY  | 1,552,824 | 1,625 | 312 | C | C |  | 19,512  | 109 | 72  | D | C |
| DJ1MM  | 1,376,700 | 1,599 | 260 | C | C | DO1HGS                                     | 18,530  | 102 | 85  | D | C |
| DL8QS  | 675,682   | 880   | 289 | C | C | DJ2BC                                      | 16,884  | 96  | 63  | D | C |
| DL6BBT   | 579,304   | 854   | 227 | C | C | DL1RNN                                     | 14,931  | 117 | 63  | D | C |
| DJ8EW  | 476,112   | 716   | 218 | C | C | DF8UO                                      | 14,553  | 121 | 77  | D | C |
| DLØWW (DK3GI, op)                                |           |       |     |   |   | DL4FDM                                     | 14,040  | 112 | 78  | D | C |
|  | 259,036   | 741   | 124 | C | C | DG2BHB                                     | 13,680  | 98  | 57  | D | C |
| DL2A (DK1AX, op)                                 |           |       |     |   |   | DM2RM                                      | 13,662  | 107 | 66  | D | C |
|  | 236,520   | 526   | 180 | C | C | DL7ET                                      | 8,721   | 91  | 51  | D | C |
| DL3ARK   | 140,447   | 343   | 167 | C | C | DL4EBW                                     | 7,701   | 79  | 51  | D | C |
| DC9ZP  | 126,984   | 350   | 143 | C | C | DLØDG (DG5YHZ & DL1EIC, ops)               |         |     |     |   |   |
| DJ9RR  | 107,226   | 327   | 138 | C | C |  | 7,140   | 76  | 35  | D | C |
| DJ2RG  | 72,848    | 214   | 116 | C | C | DK2FW                                      | 6,696   | 64  | 36  | D | C |
| DF1IAQ   | 47,320    | 339   | 56  | C | C | DL8ZAJ                                     | 5,616   | 61  | 48  | D | C |
| DR9Z   | 37,070    | 258   | 55  | C | C | DL3ZZA                                     | 5,054   | 59  | 38  | D | C |
| DKØASP (DJ8QA, op)                               |           |       |     |   |   | DO1JMW                                     | 4,818   | 60  | 33  | D | C |
|  | 31,806    | 172   | 93  | C | C | DM3VL                                      | 3,740   | 51  | 44  | D | C |
| DF2TT  | 22,098    | 100   | 87  | C | C | DF2AP                                      | 2,877   | 43  | 21  | D | C |
| DJ4MZ  | 19,635    | 119   | 51  | C | C | DB1CP                                      | 2,668   | 52  | 29  | D | C |
| DL5YYM   | 7,550     | 86    | 25  | C | C | DC2CT                                      | 1,400   | 24  | 20  | D | C |
| DL6UNF   | 5,254     | 68    | 37  | C | C | DLØXX                                      | 814     | 25  | 22  | D | C |
| DJ6QT (+ DJ5VQ, DJ6QT, DJ8OG)                    |           |       |     |   |   | DL7URH                                     | 220     | 16  | 11  | D | C |
|  | 1,260,272 | 1,520 | 292 | D | C |  |         |     |     |   |   |
| DL4CF  | 1,075,704 | 1,328 | 266 | D | C |  |         |     |     |   |   |
| DP6T (DK3CW, DK6ITM, DL1FAA, DK9UMA, ops)        |           |       |     |   |   | <b>France</b>                              |         |     |     |   |   |
|  | 751,586   | 1,179 | 254 | D | C | F/SP8ONU                                   | 264     | 14  | 11  | B | B |
| DL6KVA (+ Spotting Assistance)                   |           |       |     |   |   | <b>Greece</b>                              |         |     |     |   |   |
|  | 707,700   | 875   | 300 | D | C | SV7BVM                                     | 63,956  | 206 | 118 | A | B |
| DFØCI (DL8AKI, DG5AA, DO5KOL, ops)               |           |       |     |   |   | SV2FLQ                                     | 39,824  | 168 | 76  | A | B |
|  | 544,825   | 1,017 | 185 | D | C | SV2YC                                      | 65,090  | 236 | 115 | B | B |
| DF7BL (+ DF5BM)                                  |           |       |     |   |   | SV1MNF/8                                   | 2,550   | 44  | 25  | B | B |
|  | 498,204   | 799   | 252 | D | C | SX1K (SV1JGX, op)                          |         |     |     |   |   |
| DLØRUS (DL7LIN & DH7TNO, ops)                    |           |       |     |   |   |  | 69,660  | 354 | 86  | D | C |
|  | 453,650   | 774   | 211 | D | C | SV2HWR                                     | 34,858  | 277 | 58  | D | C |
| DLØLK (DL8HCO, DO1MC, DL2HBQ, DH7AS, DF3HD, ops) |           |       |     |   |   | <b>Hungary</b>                             |         |     |     |   |   |
|  | 438,889   | 969   | 187 | D | C | HG6C (HA6IAM, op)                          |         |     |     |   |   |
| DM7M (DL5JAN, DGØFMD, DM1PAX, DM1JH, ops)        |           |       |     |   |   |  | 359,898 | 670 | 209 | A | A |
|  | 415,072   | 711   | 224 | D | C | HA6PJ                                      | 116,850 | 419 | 114 | A | A |
| DM3PKK   | 384,384   | 654   | 192 | D | C | HA5BA                                      | 56,000  | 252 | 100 | A | A |
| DL4HRM   | 376,971   | 753   | 203 | D | C | HA7GN                                      | 314,246 | 763 | 142 | A | B |
| DL4ME  | 369,663   | 689   | 203 | D | C | HA9SU                                      | 19,712  | 154 | 44  | A | B |
|  |           |       |     |   |   | HA7JQK                                     | 25      | 5   | 5   | A | B |
|  |           |       |     |   |   | HA5PT                                      | 643,104 | 994 | 231 | A | C |

|  |           |       |     |   |   |                    |           |       |     |   |   |
|--|-----------|-------|-----|---|---|--------------------|-----------|-------|-----|---|---|
| HG1W (HA1WD, op)   | 233,508   | 494   | 183 | B | A | I19T (IT9GSF, op)  | 2,377,674 | 2,246 | 351 | A | C |
| HA5BKV (HA5NB, op)   | 203,840   | 496   | 182 | B | A | I12E (IK2NCJ, op)  | 1,719,856 | 2,185 | 272 | A | C |
| HA6NL  | 557,760   | 888   | 249 | C | A | IR0R               | 259,870   | 687   | 130 | A | C |
| HA2MN  | 167,508   | 416   | 141 | C | B | IZ3GNG             | 210,015   | 467   | 195 | A | C |
| HA8TP  | 158,100   | 575   | 100 | C | B | IK0GDG             | 153,450   | 412   | 165 | A | C |
| HA9RP  | 6,468     | 64    | 22  | C | B | IK3SCB             | 107,756   | 562   | 79  | A | C |
| HA6P (HA6PX, op)   | 1,593,406 | 1,661 | 298 | C | C | IW9FI              | 47,544    | 208   | 84  | A | C |
| HG1G   | 1,157,271 | 1,639 | 237 | C | C | IZ8DVD             | 42,126    | 195   | 118 | A | C |
| HA0HW  | 153,104   | 469   | 112 | C | C | IZ4ISC             | 25,116    | 144   | 91  | A | C |
| HG6N (HA1AG, HA3FTA, HA3NU, HA3OV, HA6ND, HA6NY, HA6ON, ops) | 3,310,200 | 2,739 | 360 | D | C | IW3HXR             | 25,100    | 137   | 100 | A | C |
| HG1S (HA1TJ, HA1DAC, HA1DAI, HA1TNX, HA6NF, HA8DM, ops)      | 2,209,280 | 2,062 | 320 | D | C | IK1RGK             | 16,038    | 103   | 66  | A | C |
| HG25R (HA8IB, HA9AX, HA9OA, HA9PP, HA9RG, HA9SU, HA9TA, ops) | 316,572   | 767   | 124 | D | C | IZ1JLN             | 9,045     | 79    | 67  | A | C |
| HA5W (HA5BWW, op)  | 280,630   | 517   | 190 | D | C | IZ1DFG             | 4,845     | 59    | 57  | A | C |
| HA3OU  | 63,270    | 245   | 90  | D | C | IK2TDM             | 2,541     | 39    | 33  | A | C |
| HG8C (HA8EK, op)   | 61,914    | 241   | 102 | D | C | IZ3KIF             | 989       | 29    | 23  | A | C |
| HA5STS   | 9,696     | 113   | 32  | D | C | IZ8EDL             | 608       | 26    | 16  | A | C |
| HA3FUK   | 2,325     | 37    | 31  | D | C | IW0SAF             | 341       | 21    | 11  | A | C |
| <b>Italy</b>   |           |       |     |   |   | IK2QIN             | 270       | 19    | 10  | A | C |
| IZ8JFL/1   | 148,827   | 539   | 133 | A | A | IV3ODE             | 170       | 17    | 10  | A | C |
| IV3AOL   | 109,326   | 302   | 133 | A | A | IW2FND             | 91        | 13    | 7   | A | C |
| IZ3NVR   | 33,884    | 164   | 86  | A | A | I0GOD              | 72        | 8     | 9   | A | C |
| IO4T (IK4VET, op)  | 1,727,100 | 1,951 | 300 | A | B | I7CSB              | 66        | 11    | 6   | A | C |
| IK0XBX   | 392,688   | 618   | 243 | A | B | IK1WEG             | 28        | 7     | 4   | A | C |
| IV3BCA   | 224,422   | 465   | 202 | A | B | IR7R               | 14,196    | 136   | 39  | B | A |
| IK3ORD   | 159,060   | 336   | 165 | A | B | IK0MPI             | 8,010     | 84    | 45  | B | A |
| IK2SAU   | 139,400   | 336   | 164 | A | B | IW3SGT             | 7,009     | 65    | 43  | B | A |
| IZ1DGG   | 122,220   | 383   | 140 | A | B | IZ2WFL             | 3,531     | 51    | 33  | B | A |
| I3JKI  | 73,152    | 244   | 127 | A | B | IZ5CFN             | 1,015     | 27    | 29  | B | A |
| IV3ARJ   | 71,757    | 283   | 119 | A | B | I0GIM              | 756       | 20    | 18  | B | A |
| IK0TUM   | 63,750    | 246   | 125 | A | B | IZ8FSL             | 588       | 22    | 14  | B | A |
| IK2SGL   | 54,285    | 221   | 105 | A | B | IB1B (IW1QN, op)   | 858,000   | 1,130 | 275 | B | B |
| IK7NXU   | 29,928    | 146   | 87  | A | B | I/DM1CM            | 215,477   | 593   | 151 | B | B |
| IX1CKN   | 22,550    | 153   | 82  | A | B | IW2NRI             | 121,828   | 374   | 133 | B | B |
| IK2IKW   | 20,713    | 123   | 77  | A | B | IR5X               | 85,782    | 428   | 87  | B | B |
| IW6PWC   | 20,224    | 132   | 79  | A | B | IK2SGB             | 83,200    | 244   | 160 | B | B |
| IN3AFT   | 18,772    | 147   | 76  | A | B | IK8HTM             | 76,734    | 277   | 126 | B | B |
| IK4PMB   | 14,352    | 94    | 69  | A | B | IK8LXI             | 65,340    | 293   | 108 | B | B |
| IZ0FVJ   | 12,742    | 139   | 46  | A | B | IZ2QBH             | 50,470    | 217   | 98  | B | B |
| IV3XZG   | 10,792    | 78    | 71  | A | B | IZ5RKC             | 43,531    | 183   | 101 | B | B |
| I0UZF  | 6,463     | 107   | 23  | A | B | IZ1RGL             | 42,016    | 200   | 104 | B | B |
| IW5EIJ   | 2,784     | 44    | 29  | A | B | IK4MGJ             | 41,976    | 206   | 99  | B | B |
| IW1FZR   | 2,460     | 50    | 41  | A | B | IT9CLN             | 40,794    | 219   | 78  | B | B |
| IK4OMU   | 1,260     | 30    | 21  | A | B | IZ8IEV             | 39,650    | 310   | 61  | B | B |
| IZ5IOM   | 432       | 19    | 16  | A | B | I1YGQ              | 38,402    | 188   | 91  | B | B |
| I4JEE  | 323       | 19    | 17  | A | B | IK7WPD             | 37,293    | 167   | 93  | B | B |
| IZ5JLW   | 234       | 14    | 9   | A | B | IW0EYT             | 35,422    | 176   | 89  | B | B |
| IK0VVE   | 152       | 13    | 8   | A | B | IW6NZY             | 28,600    | 167   | 88  | B | B |
| IT9RBW   | 130       | 13    | 10  | A | B | IO7R (IZ7DMT, op)  | 28,560    | 161   | 80  | B | B |
| IK2GRA   | 72        | 12    | 6   | A | B | IZ2LQD             | 24,332    | 128   | 77  | B | B |
| IZ3ENH   | 72        | 12    | 6   | A | B | I2BZN              | 23,400    | 136   | 75  | B | B |
| IK0PEA   | 66        | 11    | 6   | A | B | IZ6CZV             | 23,400    | 128   | 90  | B | B |
| IK5BOH/2   | 50        | 10    | 5   | A | B | IZ3QHA             | 22,862    | 144   | 71  | B | B |
| IZ5DKG   | 50        | 10    | 5   | A | B | IK5BSC             | 20,618    | 130   | 61  | B | B |
| IZ0EGC   | 20        | 5     | 4   | A | B | IN3EHR             | 19,564    | 138   | 67  | B | B |
|  |           |       |     |   |   | IQ7AF (IK7JWX, op) | 18,414    | 98    | 93  | B | B |
|  |           |       |     |   |   | IN3ADW             | 18,360    | 130   | 60  | B | B |
|  |           |       |     |   |   | IK5ZTW             | 17,542    | 174   | 49  | B | B |
|  |           |       |     |   |   | I10K               | 17,220    | 133   | 60  | B | B |
|  |           |       |     |   |   | IN3AUD             | 16,800    | 112   | 70  | B | B |
|  |           |       |     |   |   | IZ1UKG             | 16,698    | 122   | 69  | B | B |
|  |           |       |     |   |   | I3TGW              | 16,279    | 111   | 73  | B | B |
|  |           |       |     |   |   | I5DOF              | 12,672    | 96    | 66  | B | B |

|                   |           |       |     |   |   |  |           |       |     |   |   |
|-------------------|-----------|-------|-----|---|---|--|-----------|-------|-----|---|---|
| IZ5IMD            | 10,528    | 72    | 47  | B | B | IK2WAD   | 30,856    | 160   | 76  | C | B |
| IK2EBP            | 10,476    | 88    | 54  | B | B | IK2WYI   | 22,287    | 145   | 69  | C | B |
| IK6GPZ            | 10,440    | 82    | 58  | B | B | IV3DYS   | 20,174    | 116   | 77  | C | B |
| IZ2JQP            | 8,320     | 80    | 40  | B | B | IK2QIK   | 18,486    | 104   | 79  | C | B |
| IK8NBE            | 8,190     | 99    | 42  | B | B | IZ8NXG   | 14,036    | 106   | 58  | C | B |
| IZ2JNN            | 8,159     | 95    | 41  | B | B | IK5PVX   | 8,996     | 75    | 52  | C | B |
| IZ4AIF            | 6,039     | 61    | 61  | B | B | IN3OWY   | 8,215     | 101   | 53  | C | B |
| IN3EJN            | 5,694     | 62    | 39  | B | B | IK2AUK   | 6,063     | 73    | 43  | C | B |
| IW3SSD            | 5,445     | 61    | 45  | B | B | I4HRH  | 5,984     | 68    | 44  | C | B |
| IK4IDP            | 5,184     | 72    | 72  | B | B | IZ3QCH   | 3,344     | 38    | 38  | C | B |
| IZØIRH            | 4,900     | 62    | 50  | B | B | IZ3KMY   | 2,142     | 37    | 34  | C | B |
| IN3IJL            | 3,696     | 50    | 44  | B | B | IK2TKX   | 1,786     | 34    | 19  | C | B |
| IZ1HBC            | 3,366     | 50    | 33  | B | B | I8JYK  | 576       | 26    | 18  | C | B |
| IK3ZBM            | 3,162     | 36    | 31  | B | B | IK2SOE   | 36        | 6     | 6   | C | B |
| IZ6ITZ            | 2,982     | 43    | 42  | B | B | IZ1GIP   | 25        | 5     | 5   | C | B |
| IK2TTO            | 2,759     | 45    | 31  | B | B | IK2AHB   | 367,102   | 672   | 191 | C | C |
| IK4XQT            | 2,436     | 41    | 28  | B | B | IK5FKF   | 27,473    | 125   | 83  | C | C |
| IZØICM            | 2,420     | 40    | 22  | B | B | IK2GZU   | 26,846    | 147   | 62  | C | C |
| IZØTHT            | 1,881     | 39    | 33  | B | B | IK2AOU   | 26,180    | 133   | 68  | C | C |
| IK/OE2LRO         | 1,656     | 33    | 24  | B | B | IK2HDF   | 8,352     | 60    | 48  | C | C |
| IZ1SCF            | 1,225     | 27    | 25  | B | B | IZ1DPS   | 3,432     | 50    | 33  | C | C |
| IZ3GKI            | 1,225     | 27    | 25  | B | B | IR4M (IK2QEI, IK4DCW, IK4MGP, IK4ZHH, IN3FHE)                              | 2,684,673 | 2,451 | 317 | D | C |
| IZ4VSD            | 1,134     | 24    | 21  | B | B | IR3Z (IN3XUG, IZ3GOM, IN3QBR, IK2SND, DL5MAE, DL2MLU, DL6RAI, XV5MAE, ops) | 1,400,790 | 1,479 | 318 | D | C |
| IZ5RAQ            | 910       | 23    | 14  | B | B | IR2T (I2GPT, IK2PZC, IW2HKW, IZ2BKP, IZ2FLX, IZ2QCP, IZ2XZM, ops)          | 895,520   | 1,594 | 193 | D | C |
| IZ8LIP            | 848       | 19    | 16  | B | B | IQ1CN (I1AGB, IK1NPP, IZ1MGH, IK1ZOD, IZ1GLX, IW1FPK, ops)                 | 451,440   | 1,222 | 171 | D | C |
| IW2ENA            | 805       | 27    | 23  | B | B | IK2CFD   | 49,926    | 191   | 106 | D | C |
| IZ5JMX            | 450       | 16    | 15  | B | B | I1EIS  | 14,768    | 148   | 26  | D | C |
| I1CMA             | 36        | 6     | 6   | B | B | IK2NCF   | 6,552     | 66    | 52  | D | C |
| IZ2SXZ            | 25        | 5     | 5   | B | B | IQ7HD (IK7XBH, IZ7FLU, IW7EDH, ops)  | 4,578     | 61    | 42  | D | C |
| IZ1NGW            | 9         | 3     | 3   | B | B | IC8SCI   | 598       | 23    | 26  | D | C |
| IR2M              | 2,054,360 | 2,242 | 322 | B | C | <b>ITU HQ</b>  |           |       |     |   |   |
| IKØPHY            | 1,378,260 | 1,750 | 285 | B | C | 4U1ITU (SV3SJ & VA3SB, ops)  | 1,467,460 | 2,310 | 239 | D | C |
| I12S              | 585,148   | 1,116 | 241 | B | C | <b>Macedonia</b>   |           |       |     |   |   |
| IZ1PKV            | 416,880   | 936   | 216 | B | C | Z39A   | 55,440    | 250   | 90  | C | B |
| IR9Z (IT9VCE, op) | 386,295   | 979   | 195 | B | C | Z31WW  | 41,496    | 276   | 52  | C | B |
| IZ3SQW            | 317,889   | 867   | 171 | B | C | Z35G   | 504       | 14    | 9   | C | B |
| I4AUM             | 244,608   | 638   | 156 | B | C | Z35F   | 30,090    | 218   | 51  | C | C |
| IZ6ERS            | 138,370   | 458   | 137 | B | C | <b>Marine Mobile</b>   |           |       |     |   |   |
| IO9E              | 124,684   | 338   | 146 | B | C | RAØLQ/MM   | 443,825   | 791   | 205 | C | B |
| IZØTRL            | 110,838   | 316   | 147 | B | C | <b>Poland</b>  |           |       |     |   |   |
| IK2MPR            | 85,674    | 258   | 131 | B | C | SQ9AOR   | 9,386     | 83    | 38  | A | A |
| IW2ETR            | 38,976    | 198   | 84  | B | C | 3Z6AEF   | 4,576     | 60    | 44  | A | A |
| IKØVSY            | 32,696    | 150   | 122 | B | C | SP1NY  | 345,345   | 739   | 195 | A | B |
| IZ2SMQ            | 26,695    | 143   | 95  | B | C | SQ3WW  | 206,460   | 509   | 180 | A | B |
| IK2AQZ            | 25,014    | 165   | 66  | B | C | SP3DOF   | 159,692   | 350   | 166 | A | B |
| IZ1OQB            | 23,157    | 123   | 93  | B | C | SP3CYY   | 151,060   | 416   | 130 | A | B |
| IKØUTM            | 22,620    | 138   | 78  | B | C | SP6MLX   | 122,106   | 346   | 141 | A | B |
| IK4UOA            | 12,859    | 91    | 77  | B | C | SQ9DXN   | 105,987   | 301   | 147 | A | B |
| IWØHLZ            | 10,512    | 156   | 36  | B | C | SQ5JUP   | 91,368    | 386   | 108 | A | B |
| IZ1LAD            | 5,044     | 48    | 26  | B | C | SP7FGA   | 79,488    | 286   | 138 | A | B |
| IZ1NBX            | 4,368     | 46    | 28  | B | C | SP9EMI   | 74,120    | 253   | 136 | A | B |
| IZ5ILJ            | 1,410     | 31    | 30  | B | C | SP2GCE   | 73,476    | 328   | 117 | A | B |
| IK8VKW            | 4         | 2     | 2   | B | C | SP5CGN   | 69,864    | 298   | 123 | A | B |
| IØZUT             | 190,164   | 420   | 159 | C | A | SP9CXN   | 63,104    | 254   | 116 | A | B |
| IV3DRP            | 78,535    | 261   | 113 | C | A | SP3UIW   | 56,950    | 248   | 85  | A | B |
| IØFSP             | 22,143    | 129   | 61  | C | A |  |           |       |     |   |   |
| IK3TZB            | 7,191     | 59    | 47  | C | A |  |           |       |     |   |   |
| IKØFWI            | 198       | 12    | 9   | C | A |  |           |       |     |   |   |
| IZ2GRG            | 354,999   | 641   | 219 | C | B |  |           |       |     |   |   |
| I6FDJ             | 145,704   | 398   | 156 | C | B |  |           |       |     |   |   |
| I3FDZ             | 142,296   | 394   | 132 | C | B |  |           |       |     |   |   |
| IV3KAS            | 59,070    | 229   | 110 | C | B |  |           |       |     |   |   |
| IK3XJP            | 56,916    | 177   | 124 | C | B |  |           |       |     |   |   |
| IK2NUX            | 56,147    | 205   | 91  | C | B |  |           |       |     |   |   |
| IKØFUX            | 48,974    | 153   | 94  | C | B |  |           |       |     |   |   |
| I2AZ              | 44,928    | 204   | 96  | C | B |  |           |       |     |   |   |

|                      |         |     |     |   |   |                     |         |     |     |   |   |
|----------------------|---------|-----|-----|---|---|---------------------|---------|-----|-----|---|---|
| SP4AAZ               | 54,981  | 233 | 123 | A | B | SQ3A                | 13,616  | 110 | 46  | A | C |
| SP6BAA               | 50,160  | 206 | 132 | A | B | SP6AXW              | 2,420   | 50  | 22  | A | C |
| SP2AYC               | 45,384  | 246 | 93  | A | B | SP3CFM              | 792     | 28  | 22  | A | C |
| SN3B (SQ3JPV, op)    |         |     |     |   |   | SP8DHJ              | 432     | 19  | 16  | A | C |
|                      | 45,100  | 212 | 110 | A | B | SP5IT               | 91      | 13  | 7   | A | C |
| SN1T (SQ1RET, op)    |         |     |     |   |   | SP9QMM              | 72      | 12  | 6   | A | C |
|                      | 42,320  | 202 | 92  | A | B | SP9QMP              | 72      | 12  | 6   | A | C |
| SP9CLU               | 37,434  | 191 | 102 | A | B | SP2MHC              | 20      | 5   | 4   | A | C |
| SP9MRN               | 31,488  | 166 | 82  | A | B | SP8LXE              | 100,305 | 331 | 135 | B | A |
| SP7BCA               | 30,492  | 151 | 84  | A | B | SQ8MFB              | 53,568  | 236 | 108 | B | A |
| SQ7NSN               | 30,459  | 191 | 71  | A | B | SP3DRM              | 22,656  | 168 | 59  | B | A |
| SP1JNY               | 30,384  | 192 | 72  | A | B | SQ8MHI              | 19,241  | 117 | 71  | B | A |
| SP5GDY               | 26,040  | 142 | 70  | A | B | SQ3OGP              | 6,705   | 69  | 45  | B | A |
| SP9OHY               | 21,836  | 146 | 53  | A | B | SP9GLJ              | 2,142   | 48  | 21  | B | A |
| SQ8JMZ               | 21,500  | 142 | 86  | A | B | SP5NZZ              | 360     | 10  | 10  | B | A |
| SP3HC                | 18,972  | 138 | 51  | A | B | SP2NBA              | 308     | 12  | 14  | B | A |
| SP6CC                | 18,000  | 112 | 90  | A | B | SP3HUF              | 1       | 1   | 1   | B | A |
| SP9HZW               | 17,700  | 108 | 75  | A | B | SP9JCN              | 1       | 1   | 1   | B | A |
| SQ7RL                | 16,555  | 101 | 55  | A | B | SP9PPP (SP9JCN, op) |         |     |     |   |   |
| SQ9KEJ               | 10,206  | 96  | 63  | A | B |                     | 1       | 1   | 1   | B | A |
| SP6GCU               | 9,044   | 104 | 38  | A | B | SQ2NNN              | 243,745 | 523 | 205 | B | B |
| SP7MTU               | 8,816   | 92  | 58  | A | B | SP6DVP              | 223,626 | 462 | 183 | B | B |
| SP3MEP               | 5,280   | 68  | 60  | A | B | SQ4JEN              | 189,567 | 451 | 189 | B | B |
| SQ2HNA               | 4,620   | 52  | 42  | A | B | SQ6NEJ              | 144,160 | 416 | 170 | B | B |
| SQ3LLR               | 4,218   | 68  | 37  | A | B | SQ9NIN              | 111,544 | 332 | 146 | B | B |
| SP9LWH               | 4,186   | 51  | 46  | A | B | SQ8NZB              | 80,802  | 255 | 134 | B | B |
| SP9BGS/P             | 3,201   | 57  | 33  | A | B | SP2RIQ              | 76,692  | 277 | 132 | B | B |
| SP4GHL               | 2,331   | 39  | 37  | A | B | SP9BMH              | 76,160  | 264 | 112 | B | B |
| SN9U (SP9UMJ, op)    |         |     |     |   |   | SP4CUF              | 74,298  | 293 | 122 | B | B |
|                      | 1,702   | 40  | 23  | A | B | SP9PEX (SQ9NKK, op) |         |     |     |   |   |
| 3Z15POW (SP9MDY, op) |         |     |     |   |   |                     | 74,290  | 252 | 115 | B | B |
|                      | 1,586   | 47  | 26  | A | B | SP3HZG              | 69,662  | 259 | 122 | B | B |
| SP8BVO               | 1,350   | 41  | 30  | A | B | SP2EUI              | 66,690  | 252 | 117 | B | B |
| SP9LIP               | 1,323   | 35  | 27  | A | B | 3Z8T (SQ8JX, op)    |         |     |     |   |   |
| SP9REP               | 720     | 30  | 24  | A | B |                     | 65,342  | 329 | 74  | B | B |
| SQ6MIZ               | 528     | 16  | 12  | A | B | SP7VTQ              | 63,162  | 232 | 121 | B | B |
| SN2DX (SP2CNW, op)   |         |     |     |   |   | SQ8JMC              | 61,944  | 246 | 116 | B | B |
|                      | 390     | 20  | 15  | A | B | SQ2MTK              | 61,800  | 257 | 120 | B | B |
| SQ9JKW               | 384     | 18  | 12  | A | B | SQ2EAN              | 61,791  | 237 | 129 | B | B |
| SP7TEX               | 341     | 13  | 11  | A | B | SQ9NJ               | 61,776  | 218 | 132 | B | B |
| SQ5IRH               | 234     | 12  | 13  | A | B | SQ1WO               | 61,311  | 253 | 107 | B | B |
| HF1H (SP1RKT, op)    |         |     |     |   |   | SP7SEW              | 55,848  | 362 | 78  | B | B |
|                      | 216     | 18  | 9   | A | B | SP9PDF (SP9NJ, op)  |         |     |     |   |   |
| SP1RKT               | 207     | 19  | 9   | A | B |                     | 52,109  | 213 | 107 | B | B |
| SQ7NUR               | 192     | 12  | 8   | A | B | SP4FMD              | 45,300  | 213 | 100 | B | B |
| SP7HIW               | 182     | 14  | 13  | A | B | SP4ICD              | 45,156  | 198 | 106 | B | B |
| SP8TK                | 84      | 12  | 7   | A | B | SQ2NIJ              | 43,776  | 216 | 96  | B | B |
| SP3GRQ               | 75      | 7   | 5   | A | B | SP1FRC              | 41,678  | 190 | 91  | B | B |
| SP9FUC               | 72      | 12  | 6   | A | B | SQ5CSF              | 41,300  | 203 | 100 | B | B |
| SP2DDV               | 60      | 10  | 6   | A | B | SP6OPZ              | 40,590  | 192 | 99  | B | B |
| SP2FMN               | 60      | 10  | 6   | A | B | SQ9CXC              | 37,000  | 182 | 100 | B | B |
| SQ2CFK               | 60      | 10  | 6   | A | B | SO7B                | 36,842  | 160 | 109 | B | B |
| SP2CA                | 48      | 8   | 6   | A | B | SQ5NWD              | 36,640  | 150 | 80  | B | B |
| SP2FUD               | 48      | 8   | 6   | A | B | 3Z3ØL               | 36,549  | 179 | 93  | B | B |
| SP9MDY               | 24      | 6   | 4   | A | B | SQ8LSB              | 35,574  | 169 | 98  | B | B |
| SP6LUP               | 18      | 6   | 3   | A | B | SQ8NGV              | 31,920  | 176 | 105 | B | B |
| SP9PPL (SP9ORH, op)  |         |     |     |   |   | SP9WZA              | 30,685  | 163 | 85  | B | B |
|                      | 8       | 4   | 2   | A | B | SP8BOZ              | 29,963  | 155 | 83  | B | B |
| SP7EWL               | 214,016 | 366 | 176 | A | C | SQ1FYX              | 28,755  | 163 | 81  | B | B |
| SP9MRO               | 88,176  | 292 | 132 | A | C | SP9CLO              | 28,645  | 149 | 85  | B | B |
| SQ6R                 | 72,924  | 252 | 118 | A | C | SQ3KLF              | 20,604  | 137 | 68  | B | B |
| SP9AQF               | 50,424  | 288 | 66  | A | C | SNØZHG (SP5UAR, op) |         |     |     |   |   |
| SP8AJK               | 43,092  | 220 | 63  | A | C |                     | 20,540  | 132 | 79  | B | B |
| SP1MWN               | 36,432  | 172 | 99  | A | C | SQ7OFB              | 19,565  | 119 | 91  | B | B |
| SP9IBJ               | 28,400  | 208 | 50  | A | C | SO5D                | 18,723  | 131 | 79  | B | B |
| SP3CMX               | 23,976  | 136 | 81  | A | C | SNØEG (SP1EG, op)   |         |     |     |   |   |
| SP7AWG               | 18,414  | 130 | 99  | A | C |                     | 17,466  | 126 | 71  | B | B |

|                      |         |       |     |   |   |  |           |       |     |   |   |
|----------------------|---------|-------|-----|---|---|--|-----------|-------|-----|---|---|
| SP3JZX               | 17,353  | 125   | 67  | B | B | SP5CNA   | 416,277   | 745   | 207 | C | B |
| SQ3MZM               | 16,644  | 114   | 57  | B | B | SQ5M   | 201,133   | 631   | 139 | C | B |
| SQ7HJZ               | 16,388  | 127   | 68  | B | B | SP3PL  | 135,680   | 326   | 160 | C | B |
| SP4EOO               | 16,280  | 111   | 88  | B | B | SP9MZH   | 126,862   | 294   | 137 | C | B |
| SP8DIP               | 15,052  | 100   | 71  | B | B | SP7OGP   | 80,544    | 291   | 96  | C | B |
| SQ3POS               | 13,986  | 120   | 63  | B | B | SQ8KFM   | 73,224    | 304   | 108 | C | B |
| SQ9NOS               | 12,880  | 100   | 92  | B | B | SQ9BDN   | 70,680    | 223   | 120 | C | B |
| SP5DRE               | 12,833  | 125   | 41  | B | B | SP9BNM   | 65,549    | 253   | 101 | C | B |
| SP/DL4EAX/P          | 12,308  | 101   | 68  | B | B | SQ1DWR   | 64,505    | 285   | 95  | C | B |
| SP2BZK               | 10,530  | 96    | 65  | B | B | SP2HXY   | 43,401    | 189   | 111 | C | B |
| SP9DEM               | 10,200  | 78    | 60  | B | B | SP7EXJ   | 27,010    | 130   | 73  | C | B |
| SP9FRZ               | 10,187  | 91    | 61  | B | B | SP3IOE   | 24,453    | 199   | 57  | C | B |
| SQ9KDO               | 9,384   | 92    | 51  | B | B | SP2HMY   | 21,672    | 190   | 42  | C | B |
| SN1J (SP1MWF, op)    |         |       |     |   |   | SP2WGB   | 13,110    | 98    | 57  | C | B |
|                      | 9,222   | 85    | 58  | B | B | SP6QKP   | 9,495     | 95    | 45  | C | B |
| SQ8GBG               | 8,784   | 72    | 61  | B | B | SP7IFM   | 9,324     | 105   | 36  | C | B |
| SQ8LSC               | 8,436   | 76    | 57  | B | B | SP4DNX   | 7,378     | 71    | 62  | C | B |
| SQ3KKR               | 7,392   | 78    | 48  | B | B | SP5AUJ   | 5,916     | 80    | 29  | C | B |
| SQ9NIU               | 7,316   | 68    | 62  | B | B | SP5DDJ   | 1,292     | 34    | 34  | C | B |
| SQ3HTX               | 6,762   | 80    | 49  | B | B | SQ5LTL   | 810       | 28    | 27  | C | B |
| SQ9CWW               | 6,346   | 67    | 38  | B | B | SP5CIB   | 36        | 6     | 6   | C | B |
| SQ2OMB               | 5,160   | 58    | 43  | B | B | SP2LNW   | 994,708   | 1,194 | 286 | C | C |
| SP5RE                | 4,830   | 61    | 46  | B | B | SQ9IDE   | 627,522   | 1,024 | 201 | C | C |
| SP9COO               | 4,532   | 73    | 44  | B | B | SP3ASN   | 545,376   | 822   | 228 | C | C |
| SN70ABK (SP9MZX, op) |         |       |     |   |   | SP9GR  | 282,978   | 753   | 158 | C | C |
|                      | 4,392   | 70    | 36  | B | B | SQ7B   | 107,725   | 347   | 139 | C | C |
| SQ7OTH               | 3,195   | 47    | 45  | B | B | SP5GH  | 85,377    | 191   | 191 | C | C |
| SP4WRZ               | 2,520   | 48    | 42  | B | B | SP9RI  | 73,337    | 279   | 113 | C | C |
| SQ4CTS               | 2,485   | 45    | 35  | B | B | SN6A (SP6CES, op)                                |           |       |     |   |   |
| SP2ALT               | 2,409   | 51    | 33  | B | B |  | 65,170    | 244   | 95  | C | C |
| SP1FPG               | 2,300   | 47    | 20  | B | B | SP2FAP   | 46,464    | 306   | 64  | C | C |
| SP5LCS               | 2,130   | 35    | 30  | B | B | SP4BEU   | 32,172    | 218   | 42  | C | C |
| SP5LGN               | 1,953   | 31    | 21  | B | B | SP2HWW   | 23,715    | 133   | 85  | C | C |
| SQ9OZF               | 1,596   | 35    | 28  | B | B | SQ7OXU   | 15,048    | 190   | 36  | C | C |
| SQ9FCF               | 1,378   | 31    | 26  | B | B | SP4KDX   | 756       | 26    | 21  | C | C |
| SQ6SFX               | 1,311   | 23    | 23  | B | B | SP0CFF   | 400       | 20    | 20  | C | C |
| SP2EXN               | 576     | 14    | 18  | B | B | SN3R (SP3HRN, SP3RBR, SP3S, SQ3JPM, SQ6ODD, ops) |           |       |     |   |   |
| SQ7ACP               | 396     | 22    | 9   | B | B |  | 2,649,486 | 2,574 | 317 | D | C |
| SQ6OEU               | 110     | 10    | 11  | B | B | SN9V (SP9GFI, SP9NWN, SQ9BDB, SQ9CIE, ops)       |           |       |     |   |   |
| SQ2WHH               | 85      | 9     | 5   | B | B |  | 603,729   | 925   | 259 | D | C |
| SQ2OSE               | 36      | 6     | 6   | B | B | SN7H   | 558,625   | 1,229 | 205 | D | C |
| SP6RYD               | 16      | 4     | 4   | B | B | SP2KPD (SP2IJ, SP2MKI, SP2MKT, ops)              |           |       |     |   |   |
| SP8RPA               | 4       | 2     | 2   | B | B |  | 490,568   | 958   | 212 | D | C |
| SP4HAT (SP4CUF, op)  |         |       |     |   |   | SP1DPA   | 304,150   | 686   | 175 | D | C |
|                      | 1       | 1     | 1   | B | B | SP7MC (+ SP7DCS)                                 |           |       |     |   |   |
| SQ9HZM               | 293,080 | 764   | 170 | B | C |  | 222,684   | 580   | 154 | D | C |
| SP3GXH               | 207,624 | 506   | 164 | B | C | SP7IIT   | 118,096   | 364   | 122 | D | C |
| SP8TDV               | 98,049  | 275   | 147 | B | C | SQ9ORQ   | 81,008    | 302   | 122 | D | C |
| SN4W (SP4ICP, op)    |         |       |     |   |   | SQ9CAQ   | 75,762    | 273   | 122 | D | C |
|                      | 66,960  | 252   | 120 | B | C | SP2QOT   | 72,471    | 289   | 119 | D | C |
| SP8BQL               | 24,596  | 179   | 52  | B | C | SO2D (SP2IKP, op)                                |           |       |     |   |   |
| SP5GMM               | 16,796  | 105   | 76  | B | C |  | 67,340    | 198   | 130 | D | C |
| SQ6LJN               | 650     | 25    | 26  | B | C | SN1Z (SQ1EIX, op)                                |           |       |     |   |   |
| SP9NSV/7             | 286,221 | 609   | 179 | C | A |  | 57,424    | 196   | 148 | D | C |
| SP4GFG               | 129,425 | 373   | 155 | C | A | SP5UD  | 46,150    | 297   | 50  | D | C |
| SP6LV                | 128,128 | 372   | 143 | C | A | SQ7NSQ   | 38,958    | 191   | 86  | D | C |
| SP4JFR               | 117,990 | 380   | 135 | C | A | SP6EIJ   | 32,472    | 159   | 88  | D | C |
| SP2DNI               | 71,586  | 314   | 123 | C | A | SP6JQC   | 23,814    | 184   | 63  | D | C |
| SP7EWD               | 34,848  | 179   | 96  | C | A | SP1MWK   | 21,440    | 110   | 80  | D | C |
| SP8MI                | 16,422  | 147   | 42  | C | A | SP9ZHR (SP9HML & SP9EMI, ops)                    |           |       |     |   |   |
| SP6BXM               | 3,999   | 63    | 31  | C | A |  | 20,720    | 119   | 80  | D | C |
| SQ2DYL               | 714     | 28    | 21  | C | A | SP2MKI   | 13,865    | 97    | 59  | D | C |
| SP7NHS               | 4       | 2     | 2   | C | A | SN9K (SP9MDY & SQ9NKR, ops)                      |           |       |     |   |   |
| SP5GRM               | 762,816 | 1,070 | 232 | C | B |  | 9,780     | 79    | 60  | D | C |
| SO9D (SP9DLY, op)    |         |       |     |   |   | SQ5KHE   | 8,192     | 82    | 64  | D | C |
|                      | 559,977 | 739   | 239 | C | B |  |           |       |     |   |   |
| SP1AEN               | 529,440 | 786   | 240 | C | B |  |           |       |     |   |   |



|                               |           |       |     |   |   |                                  |           |       |     |   |   |
|-------------------------------|-----------|-------|-----|---|---|----------------------------------|-----------|-------|-----|---|---|
| SQ1RMM                        | 7,956     | 69    | 52  | D | C | YO8WW                            | 250,902   | 604   | 159 | C | B |
| SQ9FMU                        | 7,579     | 73    | 53  | D | C | YO4FTE                           | 223,686   | 590   | 153 | C | B |
| SP1MHZ                        | 7,203     | 67    | 49  | D | C | YR6M (YO6MT, op)                 |           |       |     |   |   |
| SQ9BDB                        | 4,120     | 51    | 40  | D | C |                                  | 188,065   | 493   | 145 | C | B |
| SQ5NWH                        | 3,870     | 53    | 30  | D | C | YO5ALI                           | 172,086   | 491   | 138 | C | B |
| SP9CUX                        | 3,360     | 40    | 28  | D | C | YO4FZX                           | 120,078   | 393   | 126 | C | B |
| SQ3PMM                        | 2,449     | 41    | 31  | D | C | YO5CRQ                           | 114,400   | 338   | 130 | C | B |
| SQ9IAU                        | 1,239     | 23    | 21  | D | C | YO9CWY                           | 94,996    | 326   | 127 | C | B |
| SQ5SUL                        | 722       | 24    | 19  | D | C | YO9CB                            | 88,366    | 306   | 113 | C | B |
| SP6IHE                        | 675       | 23    | 15  | D | C | YO3GNF                           | 88,061    | 309   | 107 | C | B |
| SP5OXJ                        | 364       | 14    | 13  | D | C | YO4SI                            | 87,901    | 289   | 131 | C | B |
| SP9PKM (SP9FUC & SQ9JXJ, ops) |           |       |     |   |   | YO5OLD                           | 65,604    | 312   | 77  | C | B |
|                               | 290       | 13    | 10  | D | C | YO3AAJ                           | 64,008    | 238   | 84  | C | B |
| SP2PUT (SQ2RCI, op)           |           |       |     |   |   | YO5NY                            | 59,808    | 232   | 89  | C | B |
|                               | 112       | 8     | 8   | D | C | YO7AWZ                           | 54,520    | 198   | 94  | C | B |
| SP2DKI                        | 60        | 10    | 6   | D | C | YO3JV                            | 47,196    | 195   | 92  | C | B |
|                               |           |       |     |   |   | YO2LDU                           | 40,503    | 217   | 69  | C | B |
| <b>Romania</b>                |           |       |     |   |   | YO2QY                            | 37,232    | 128   | 104 | C | B |
| YO4HHP                        | 270       | 15    | 10  | A | A | YO9RIJ/P                         | 31,948    | 242   | 49  | C | B |
| YO4RST                        | 444,960   | 788   | 240 | A | B | YO4GVC                           | 18,615    | 131   | 73  | C | B |
| YO5AIR                        | 263,958   | 613   | 174 | A | B | YO2IS                            | 17,199    | 137   | 49  | C | B |
| YO5AVN                        | 141,576   | 371   | 136 | A | B | YO9HG                            | 12,880    | 144   | 35  | C | B |
| YO7CVL                        | 30,618    | 188   | 63  | A | B | YO2MJZ                           | 3,168     | 40    | 24  | C | B |
| YO5BRE                        | 20,703    | 165   | 67  | A | B | YO7LHC                           | 3,038     | 46    | 31  | C | B |
| YO4KAK (YO4AH, op)            |           |       |     |   |   | YO6DBL                           | 615       | 23    | 15  | C | B |
|                               | 20,636    | 132   | 67  | A | B | YO5BTZ                           | 5         | 1     | 1   | C | B |
| YO8BGE                        | 12,586    | 103   | 58  | A | B | YR5T (YO5CBX, op)                |           |       |     |   |   |
| YO3JX                         | 11,088    | 83    | 48  | A | B |                                  | 834,386   | 1,297 | 214 | C | C |
| YO6EX                         | 1,763     | 41    | 43  | A | B | YO4KCC (YO4AR, op)               |           |       |     |   |   |
| YO2MTG                        | 160       | 12    | 10  | A | B |                                  | 300,464   | 674   | 178 | C | C |
| YO9IF                         | 32,242    | 155   | 94  | A | C | YO2AQB                           | 177,066   | 371   | 162 | C | C |
| YO6FPW                        | 1,704     | 37    | 24  | A | C | YR1A (YO3JR, YO3DDZ, YO5LD, ops) |           |       |     |   |   |
| YO9IPF                        | 345       | 17    | 15  | A | C |                                  | 1,247,290 | 1,950 | 253 | D | C |
| YO9FTN                        | 65,670    | 275   | 110 | B | A | YO5OBA                           | 230,078   | 495   | 202 | D | C |
| YO8SSB                        | 357,599   | 789   | 209 | B | B | YO9RKH                           | 54,684    | 230   | 98  | D | C |
| YRØR (YO3HKW, op)             |           |       |     |   |   | YO4AAC                           | 41,952    | 201   | 96  | D | C |
|                               | 118,141   | 499   | 103 | B | B | YP1ØØKSE (YO6DBA & YO6PJR, ops)  |           |       |     |   |   |
| YO8SGN                        | 80,238    | 286   | 129 | B | B |                                  | 40,572    | 185   | 92  | D | C |
| YO9GSB                        | 76,230    | 263   | 126 | B | B | YO3FRI                           | 38,804    | 188   | 109 | D | C |
| YO2LIM                        | 64,768    | 238   | 128 | B | B | YO3CVG                           | 35,844    | 154   | 87  | D | C |
| YO3HBK                        | 61,132    | 253   | 116 | B | B | YO6PVK                           | 22,400    | 136   | 70  | D | C |
| YO6KNX (YO6CUF, op)           |           |       |     |   |   | YO8AZQ                           | 6,136     | 74    | 59  | D | C |
|                               | 60,888    | 228   | 118 | B | B | YO2MSP                           | 1,416     | 29    | 24  | D | C |
| YO2MLM                        | 38,104    | 157   | 88  | B | B | YO5KAS (YO5CGB & YO5BTZ, ops)    |           |       |     |   |   |
| YO9IAB                        | 37,694    | 195   | 94  | B | B |                                  | 1,323     | 31    | 27  | D | C |
| YO6PEG                        | 30,972    | 156   | 87  | B | B | YO8KGT (YO8AZQ, op)              |           |       |     |   |   |
| YO2LXW                        | 30,268    | 155   | 92  | B | B |                                  | 1,240     | 29    | 40  | D | C |
| YO4US                         | 29,526    | 167   | 74  | B | B | YO2KJI (YO2LLG & YO2LLF, ops)    |           |       |     |   |   |
| YO9ADN                        | 17,112    | 126   | 69  | B | B |                                  | 630       | 22    | 21  | D | C |
| YO2MKT                        | 12,505    | 97    | 61  | B | B | YO8SIJ                           | 533       | 23    | 13  | D | C |
| YO7BGB                        | 9,500     | 88    | 50  | B | B |                                  |           |       |     |   |   |
| YO9HOW                        | 6,708     | 72    | 39  | B | B | <b>Sardinia</b>                  |           |       |     |   |   |
| YO8SGC                        | 1,911     | 47    | 21  | B | B | ISØLFZ                           | 6,380     | 66    | 55  | B | B |
| YO5CAY                        | 1,352     | 36    | 26  | B | B | ISØXDA                           | 30,975    | 177   | 59  | C | B |
| YO3IJF                        | 945       | 33    | 15  | B | B |                                  |           |       |     |   |   |
| YO8THG                        | 768       | 22    | 16  | B | B | <b>Serbia</b>                    |           |       |     |   |   |
| YO8RFJ                        | 620       | 25    | 20  | B | B | YU1LM/QRP                        | 62,489    | 243   | 113 | A | A |
| YO3HYR                        | 403       | 13    | 13  | B | B | YU1NI                            | 588       | 20    | 14  | A | A |
| YO9HRB                        | 154       | 12    | 11  | B | B | YU1KT                            | 69,264    | 330   | 78  | A | B |
| YO3CZW                        | 1,483,218 | 2,543 | 242 | B | C | YT5TT                            | 765       | 25    | 17  | A | B |
| YO3RU                         | 503,940   | 920   | 227 | B | C | YU2EA                            | 403       | 19    | 13  | A | B |
| YP5A                          | 481,740   | 1,090 | 185 | B | C | YU8RD                            | 286       | 14    | 11  | A | B |
| YO5OHY                        | 44,580    | 279   | 60  | B | C | YU1ØØSAF                         | 40,640    | 240   | 80  | A | C |
| YO9IKW                        | 29,973    | 113   | 97  | B | C | YT3M (YT6W, op)                  |           |       |     |   |   |
| YO3JW                         | 1,197     | 35    | 21  | B | C |                                  | 1,760,525 | 1,681 | 325 | C | B |
| YO3GLH                        | 29,120    | 190   | 70  | C | A | YU1FG                            | 464,280   | 740   | 212 | C | B |
| YO8AXP                        | 470,778   | 836   | 231 | C | B | YT4W (YU1DW, op)                 |           |       |     |   |   |
| YO2CJX                        | 397,536   | 784   | 202 | C | B |                                  | 1,058,304 | 1,660 | 212 | C | C |

|        |           |       |     |   |   |
|--------|-----------|-------|-----|---|---|
| YT2W   | 1,028,997 | 1,533 | 207 | C | C |
| YU7FN  | 6,372     | 84    | 27  | C | C |
| YT5CT  | 594,349   | 1,053 | 197 | D | C |
| YT5N   | 91,488    | 301   | 96  | D | C |
| YT7EE  | 26,724    | 172   | 34  | D | C |
| YU8NU  | 1,533     | 29    | 21  | D | C |
| YU1AST | 780       | 22    | 15  | D | C |
| YT2II  | 588       | 18    | 14  | D | C |
| YU1TTT | 420       | 15    | 12  | D | C |
| YU2A   | 320       | 14    | 16  | D | C |

### Slovakia

|  |           |       |     |   |   |
|--|-----------|-------|-----|---|---|
| OM5NL  | 589,745   | 941   | 215 | A | B |
| OM4O (OM3NI, op)                               | 240,690   | 621   | 142 | A | B |
| OM7AT  | 21,600    | 322   | 119 | A | B |
| OM7JG  | 15,128    | 146   | 31  | A | B |
| OM7PY  | 94,615    | 309   | 127 | A | C |
| OM4C (OM6CI, op)                               | 193,888   | 518   | 166 | B | B |
| OM7JM  | 18,460    | 134   | 65  | B | B |
| OM8JP  | 9,520     | 100   | 34  | B | B |
| OM7AGF   | 1,820     | 50    | 26  | B | B |
| OMØA (OMØAAO, op)                              | 355,927   | 717   | 209 | B | C |
| OM4KK  | 26,187    | 127   | 87  | B | C |
| OM5WW  | 530,180   | 995   | 196 | C | B |
| OM3ZWA   | 124,533   | 387   | 137 | C | B |
| OM7SR  | 87,668    | 283   | 124 | C | B |
| OM4J (OM4JD, op)                               | 77,254    | 230   | 107 | C | B |
| OM1II  | 65,200    | 266   | 100 | C | B |
| OM3BA  | 57,200    | 227   | 80  | C | B |
| OM2EE  | 53,754    | 269   | 62  | C | B |
| OM5MX  | 17,212    | 109   | 52  | C | B |
| OM8LM  | 2,300     | 39    | 20  | C | B |
| OM3TPN   | 1,564     | 28    | 23  | C | B |
| OM3BH  | 2,854,028 | 2,586 | 323 | C | C |
| OM7M (OM3PA, OM4AQP, OM4MM, OM7KW, OM7RC, ops) | 1,739,375 | 2,007 | 275 | D | C |
| OM8LA  | 205,128   | 494   | 148 | D | C |
| OM6AL  | 58,972    | 265   | 92  | D | C |
| OM3IAG   | 23,652    | 128   | 54  | D | C |

### Slovenia

|           |           |       |     |   |   |
|-----------|-----------|-------|-----|---|---|
| S59D      | 28,490    | 141   | 110 | A | A |
| S53MM     | 1,078,650 | 1,363 | 270 | A | B |
| S54X      | 104,448   | 318   | 136 | A | B |
| S57NAW    | 97,167    | 289   | 147 | A | B |
| S56B      | 100,104   | 290   | 129 | A | C |
| S51NM     | 13,268    | 88    | 62  | A | C |
| S53AR/QRP | 34,144    | 172   | 88  | C | A |
| S51F      | 980,280   | 1,149 | 280 | C | B |
| S59AA     | 592,416   | 800   | 242 | C | B |
| S57J      | 199,479   | 431   | 161 | C | B |
| S51ZJ     | 30,618    | 175   | 54  | C | B |
| S58Q      | 101,772   | 322   | 99  | C | C |
| S52AU     | 62,914    | 220   | 83  | C | C |
| S56A      | 971,288   | 986   | 317 | D | C |
| S52WW     | 78,512    | 313   | 112 | D | C |
| S51DX     | 33,012    | 244   | 63  | D | C |
| S53XX     | 12,064    | 96    | 58  | D | C |
| S59EIJ    | 644       | 24    | 14  | D | C |
| S59T      | 630       | 29    | 14  | D | C |
| S53DIJ    | 576       | 20    | 12  | D | C |

### Switzerland

|   |         |       |     |   |   |
|---|---------|-------|-----|---|---|
| HB9QA   | 7,956   | 77    | 68  | A | B |
| HB9FA (HB9ENM, op)                                  | 130     | 11    | 10  | A | B |
| HB9EGA/P  | 34,560  | 160   | 90  | B | A |
| HB9MXY  | 57,405  | 205   | 129 | B | B |
| HB9AWS  | 48,510  | 195   | 110 | B | B |
| HB9RJG  | 16,620  | 115   | 60  | B | B |
| HB9EYP  | 9,430   | 100   | 41  | B | B |
| HB9TOC  | 115,680 | 307   | 160 | B | C |
| HB9ARF  | 688,560 | 1,112 | 228 | C | B |
| HB9/RV3DH   | 19,800  | 130   | 60  | C | B |
| HB9OK (HB9OAU, HB9EDM, IK2LFF, HB9EUY, HB9OAR, ops) | 460,883 | 1,073 | 191 | D | C |
| HB9DV (HB9EYQ, HB9TQM, HB3YME, HB3YHX, ops)         | 12,032  | 90    | 64  | D | C |
| HB9EI (HB9DOS & HB9FBL, ops)                        | 8,757   | 77    | 63  | D | C |

### Montenegro

|                 |           |       |     |   |   |
|-----------------|-----------|-------|-----|---|---|
| 4O3A (E73A, op) | 2,247,654 | 2,326 | 303 | C | C |
|-----------------|-----------|-------|-----|---|---|

### Zone 29

#### Armenia

|       |        |     |    |   |   |
|-------|--------|-----|----|---|---|
| EK3GM | 47,892 | 255 | 52 | B | B |
| EK6LP | 56,372 | 249 | 68 | C | B |

#### Azerbaijan

|      |         |     |     |   |   |
|------|---------|-----|-----|---|---|
| 4K9W | 145,026 | 359 | 126 | C | B |
|------|---------|-----|-----|---|---|

#### Belarus

|   |           |       |     |   |   |
|---|-----------|-------|-----|---|---|
| EU3NA   | 27,880    | 142   | 85  | A | A |
| EW5W (EW1IP, op)                              | 650,052   | 1,048 | 234 | A | B |
| EU6AA   | 172,542   | 478   | 149 | A | B |
| EW1FM   | 116,713   | 345   | 127 | A | B |
| EW7LE   | 45,849    | 201   | 93  | A | B |
| EW2A  | 1,349,456 | 1,591 | 304 | A | C |
| EW8DX   | 877,008   | 1,342 | 242 | A | C |
| EV1R  | 670,585   | 1,167 | 215 | A | C |
| EU5M (EW7BR, op)                              | 450,900   | 766   | 225 | A | C |
| EW1BA   | 13,293    | 81    | 63  | A | C |
| EW8OG   | 124,752   | 440   | 113 | B | B |
| EU1EU   | 74,970    | 252   | 119 | B | B |
| EW8DD   | 885,600   | 1,320 | 225 | B | C |
| EU1AA   | 354,750   | 634   | 215 | C | A |
| EW6CU   | 346,323   | 577   | 201 | C | B |
| EU4CQ   | 124,803   | 299   | 147 | C | B |
| EU1AI   | 85,813    | 315   | 91  | C | B |
| EU1DX   | 20,880    | 146   | 45  | C | B |
| EW8EW   | 1,574,625 | 1,937 | 285 | C | C |
| EU1AZ   | 1,236,300 | 1,337 | 300 | C | C |
| EW8DJ   | 1,185,820 | 1,310 | 281 | C | C |
| EU6AF   | 456,960   | 784   | 210 | C | C |
| EW8OM   | 21,312    | 210   | 36  | C | C |
| EW6WF (DJ1CW, EU6RO, EV6M, EW6EW, EW6GF, ops) | 526,848   | 1,306 | 147 | D | C |
| EU3AA   | 26,688    | 169   | 64  | D | C |
| ES5RR (ES2RR, op)                             | 3,127,183 | 3,309 | 313 | A | C |
| ES4RD   | 168,165   | 579   | 101 | A | C |

#### Estonia

|                             |           |       |     |   |   |         |           |       |     |   |   |
|-----------------------------|-----------|-------|-----|---|---|---------|-----------|-------|-----|---|---|
| ES5TF                       | 1,679     | 37    | 23  | B | A | R3AAA   | 113,702   | 326   | 139 | B | B |
| ES8SX                       | 82,010    | 289   | 118 | B | B | RA3YDA  | 97,020    | 254   | 154 | B | B |
| ES5RW                       | 1,963,086 | 2,296 | 291 | B | C | RA6LIS  | 55,100    | 228   | 95  | B | B |
| ES2IPA                      | 100,681   | 317   | 133 | B | C | UA6LCG  | 43,470    | 213   | 90  | B | B |
| ES4MM                       | 133,952   | 298   | 184 | C | B | RA3DGH  | 32,121    | 169   | 83  | B | B |
| ES1WST                      | 14,816    | 159   | 32  | C | B | RA3TNZ  | 31,296    | 144   | 96  | B | B |
| ES4RX                       | 257,890   | 524   | 185 | C | C | R7NP    | 22,239    | 135   | 63  | B | B |
| ES5YG (ES5JR & ES5HTA, ops) | 124,992   | 444   | 124 | D | C | RN3FY   | 20,670    | 123   | 78  | B | B |
| ES2BH                       | 1,862     | 47    | 14  | D | C | RV6ACC  | 12,008    | 122   | 38  | B | B |
| <b>European Russia</b>      |           |       |     |   |   | RX3XQ   | 3,710     | 46    | 35  | B | B |
| UA1CUR                      | 111,244   | 320   | 137 | A | A | RU3VV   | 2,046     | 31    | 22  | B | B |
| R7MM                        | 1,203,398 | 1,444 | 301 | A | B | UI4I    | 1,400,704 | 1,894 | 248 | B | C |
| RW7M                        | 755,250   | 1,039 | 250 | A | B | RC6U    | 1,264,480 | 1,574 | 280 | B | C |
| RM5D                        | 677,380   | 1,157 | 220 | A | B | RW1CW   | 838,944   | 1,059 | 288 | B | C |
| RU4AA                       | 399,984   | 793   | 208 | A | B | R6DX    | 611,685   | 1,037 | 207 | B | C |
| RV3ZN                       | 263,328   | 588   | 156 | A | B | RW3DU   | 469,680   | 826   | 190 | B | C |
| RU4CO                       | 215,376   | 500   | 168 | A | B | UA3VFS  | 386,529   | 667   | 221 | B | C |
| RW3KO                       | 201,268   | 582   | 134 | A | B | RA3OA   | 347,565   | 867   | 145 | B | C |
| RU4SO                       | 197,918   | 563   | 134 | A | B | R3DL    | 254,212   | 487   | 196 | B | C |
| RV4LC                       | 133,300   | 374   | 155 | A | B | RA6ALS  | 237,134   | 604   | 139 | B | C |
| RU4SM                       | 129,250   | 408   | 125 | A | B | UA6ART  | 189,744   | 594   | 118 | B | C |
| RV3YR                       | 116,729   | 333   | 113 | A | B | R3NA    | 83,006    | 264   | 121 | B | C |
| UA6JQ                       | 92,655    | 259   | 145 | A | B | R3BA    | 59,942    | 255   | 82  | B | C |
| RW1AI                       | 91,504    | 298   | 133 | A | B | R3GZ    | 18,040    | 112   | 55  | B | C |
| R2SA                        | 91,179    | 339   | 99  | A | B | RT5R    | 64,566    | 263   | 102 | C | A |
| RN4NF                       | 71,344    | 193   | 112 | A | B | RA3XEV  | 44,336    | 260   | 68  | C | A |
| RW3DY                       | 43,710    | 194   | 93  | A | B | RU3FB   | 29,760    | 186   | 62  | C | A |
| UA6LFB                      | 31,284    | 188   | 66  | A | B | UA1ASB  | 25,251    | 157   | 57  | C | A |
| RA4LX                       | 30,192    | 148   | 74  | A | B | RA6XB   | 10,842    | 82    | 39  | C | A |
| RN4CA                       | 24,486    | 134   | 77  | A | B | RA3YO/3 | 6,588     | 75    | 36  | C | A |
| RN3ZIN                      | 23,732    | 135   | 68  | A | B | UA6CEY  | 6,265     | 81    | 35  | C | A |
| RA4LK                       | 23,485    | 127   | 77  | A | B | RG5A    | 925,164   | 1,178 | 279 | C | B |
| RV6AAA                      | 22,470    | 122   | 107 | A | B | R6YY    | 772,079   | 981   | 271 | C | B |
| RW3LL                       | 19,980    | 148   | 45  | A | B | R3QA    | 741,912   | 1,218 | 228 | C | B |
| UB3DAO                      | 17,435    | 99    | 55  | A | B | RX3ZX   | 544,608   | 744   | 244 | C | B |
| RW6AVQ                      | 6,845     | 51    | 37  | A | B | RN3ADV  | 520,959   | 657   | 211 | C | B |
| RA4UAT                      | 230       | 7     | 10  | A | B | R1TEU   | 500,714   | 1,001 | 194 | C | B |
| RA3IS                       | 112       | 8     | 8   | A | B | UA3MIF  | 469,530   | 984   | 185 | C | B |
| RM3F (UA3DPX, op)           | 2,303,540 | 2,638 | 298 | A | C | UA4NBA  | 444,096   | 776   | 216 | C | B |
| RM2U                        | 1,178,716 | 1,346 | 301 | A | C | UA4ALI  | 412,250   | 771   | 194 | C | B |
| R7FF                        | 654,150   | 1,105 | 210 | A | C | RW1CX   | 310,336   | 532   | 208 | C | B |
| RA3NC                       | 628,155   | 1,045 | 235 | A | C | RV6LCI  | 307,731   | 567   | 201 | C | B |
| R5ACQ                       | 219,488   | 540   | 152 | A | C | RW6MBC  | 296,834   | 552   | 193 | C | B |
| RW3LX                       | 212,771   | 455   | 169 | A | C | RU3XY   | 294,321   | 569   | 199 | C | B |
| RA3DNC                      | 179,062   | 471   | 142 | A | C | RA6AN   | 291,108   | 537   | 204 | C | B |
| RA4LO                       | 143,864   | 586   | 98  | A | C | UA6LCN  | 270,743   | 549   | 163 | C | B |
| RA6GW                       | 141,282   | 517   | 94  | A | C | RN6AI   | 261,240   | 569   | 168 | C | B |
| UA4FEN                      | 122,056   | 537   | 88  | A | C | UA3UAT  | 251,712   | 466   | 184 | C | B |
| RA1AKR                      | 96,026    | 276   | 133 | A | C | UA3AKI  | 248,875   | 557   | 181 | C | B |
| RZ3TZZ (UA3TW, op)          | 86,250    | 464   | 75  | A | C | UA3QAM  | 209,664   | 456   | 168 | C | B |
| UA6G                        | 56,650    | 218   | 103 | A | C | RA5FB   | 186,543   | 489   | 147 | C | B |
| UA4NC                       | 49,662    | 256   | 93  | A | C | UA1TGQ  | 185,000   | 444   | 148 | C | B |
| RV3FT                       | 26,751    | 143   | 111 | A | C | UA4CNJ  | 184,228   | 480   | 158 | C | B |
| RW4PL                       | 6,270     | 98    | 19  | A | C | UA6YH   | 181,984   | 348   | 176 | C | B |
| RT3I                        | 5,760     | 78    | 32  | A | C | R7MC    | 165,078   | 391   | 162 | C | B |
| RD3QA                       | 5,568     | 60    | 58  | A | C | UA3DCW  | 165,060   | 544   | 105 | C | B |
| R2AD                        | 133,950   | 370   | 141 | B | A | UA3PP   | 139,740   | 414   | 137 | C | B |
| RN6HCW                      | 422,824   | 995   | 136 | B | B | RW3ZA   | 137,004   | 334   | 147 | C | B |
| RL3ZH                       | 333,216   | 608   | 208 | B | B | RU3WR   | 125,580   | 346   | 130 | C | B |
| R7NA                        | 215,280   | 405   | 208 | B | B | RZ3VA   | 121,542   | 324   | 141 | C | B |
| RN3ZC                       | 190,806   | 412   | 177 | B | B | RA6FPV  | 112,336   | 342   | 119 | C | B |
| RN4ACX                      | 137,428   | 307   | 188 | B | B | RA3AV   | 112,136   | 336   | 131 | C | B |
| UA6LN                       | 125,685   | 283   | 171 | B | B | RA7Y    | 110,566   | 347   | 118 | C | B |
| R3LC                        | 124,346   | 347   | 158 | B | B | RD6MI   | 97,940    | 298   | 118 | C | B |
|                             |           |       |     |   |   | RV3MR   | 97,630    | 285   | 130 | C | B |
|                             |           |       |     |   |   | RV3PN   | 96,288    | 264   | 136 | C | B |
|                             |           |       |     |   |   | RA5B    | 96,140    | 380   | 95  | C | B |

|          |           |       |     |   |   |  |           |       |     |   |   |
|----------|-----------|-------|-----|---|---|--|-----------|-------|-----|---|---|
| RW6A     | 94,528    | 292   | 112 | C | B | RX6MR  | 62,094    | 192   | 131 | C | C |
| RM5Z     | 90,016    | 270   | 116 | C | B | RL2A   | 56,007    | 275   | 63  | C | C |
| RX1AG    | 89,284    | 344   | 101 | C | B | UA4PI  | 41,800    | 188   | 100 | C | C |
| RW3VM    | 88,694    | 253   | 122 | C | B | RW3WX  | 28,182    | 259   | 42  | C | C |
| UA4CNZ   | 87,150    | 400   | 83  | C | B | RV3TG  | 16,254    | 100   | 63  | C | C |
| RU3UW    | 79,570    | 298   | 109 | C | B | RK6HG  | 2,436     | 37    | 28  | C | C |
| RW4CLF   | 78,624    | 290   | 117 | C | B | RM5A (R5AJ, RA5A, RA9USU, RC5A,<br>RD3BW, RN3AC, RU5A, SM6LRR, UF5F,<br>ops) | 3,966,012 | 3,522 | 369 | D | C |
| RA6HSM   | 72,357    | 269   | 89  | C | B | RT3F (RV3MQ, RU3DNN, R2DA, RV3FW,<br>RK3BX, NT2X, ops)                       | 2,320,512 | 2,107 | 384 | D | C |
| RL6MA    | 65,569    | 177   | 133 | C | B | RT5K (+ RG3K, R2AA, RW3QNZ)  | 2,220,715 | 2,261 | 335 | D | C |
| RD3TOK   | 56,790    | 261   | 90  | C | B | R7AW   | 1,694,142 | 2,087 | 274 | D | C |
| UA1CEC   | 56,032    | 248   | 103 | C | B | RM3M (RA3M, RT3M, RA3MAR, RU3NIC,<br>ops)                                    | 1,332,897 | 1,881 | 249 | D | C |
| R7AO     | 45,845    | 297   | 53  | C | B | RA3OU (+ RX3QP, RN3OW)   | 1,220,940 | 1,658 | 270 | D | C |
| RL3DV    | 45,125    | 183   | 95  | C | B | UD3D (RN3DBA, RX3DQX + ops, @UD3D)   | 559,000   | 1,010 | 215 | D | C |
| RZ3PX    | 42,294    | 321   | 42  | C | B | RV3F   | 488,467   | 825   | 217 | D | C |
| RD3FP    | 34,832    | 296   | 56  | C | B | RD4AF  | 212,280   | 488   | 145 | D | C |
| UA3VLO   | 31,021    | 167   | 67  | C | B | RX3AEX   | 206,521   | 501   | 181 | D | C |
| RN3AAB   | 30,420    | 162   | 78  | C | B | RM6J   | 171,836   | 422   | 133 | D | C |
| RK6LP    | 27,720    | 154   | 66  | C | B | RA6YJ  | 167,956   | 292   | 199 | D | C |
| RA4LZ    | 26,435    | 127   | 85  | C | B | RZ6FA  | 158,015   | 561   | 85  | D | C |
| UA9MRX/3 | 23,616    | 128   | 72  | C | B | RZ6HWA (RT7F, op)  | 157,080   | 401   | 120 | D | C |
| UA5D     | 23,141    | 129   | 73  | C | B | UA6AA  | 123,765   | 427   | 111 | D | C |
| R3BT     | 21,900    | 100   | 75  | C | B | RK3R (R3RK & RU3RQ, ops)   | 119,498   | 294   | 149 | D | C |
| RW3AI    | 19,981    | 151   | 53  | C | B | RN4AM  | 96,690    | 287   | 110 | D | C |
| RZ3GV    | 19,765    | 133   | 67  | C | B | R3QX   | 79,350    | 272   | 115 | D | C |
| RA4DB    | 19,764    | 108   | 54  | C | B | UA3DUJ   | 73,944    | 261   | 104 | D | C |
| UA6HFI   | 19,418    | 116   | 73  | C | B | RX3DBG   | 67,230    | 294   | 81  | D | C |
| RK3RX    | 19,152    | 140   | 42  | C | B | UA3UHZ   | 24,252    | 112   | 86  | D | C |
| RU4LM    | 18,988    | 168   | 47  | C | B | R1150V (RW3VZ & RA3VD, ops)  | 22,120    | 124   | 70  | D | C |
| RW4LZ    | 15,176    | 87    | 56  | C | B | RA6AR  | 20,952    | 133   | 72  | D | C |
| RA4UVK   | 12,825    | 109   | 45  | C | B | RU3KC  | 20,140    | 117   | 76  | D | C |
| UA4QK    | 12,440    | 119   | 40  | C | B | RK3TD  | 17,799    | 105   | 51  | D | C |
| RK3DU    | 12,360    | 102   | 60  | C | B | RA3FD  | 16,066    | 115   | 58  | D | C |
| UA3AAJ   | 9,454     | 67    | 58  | C | B | RL3DZ  | 14,586    | 97    | 78  | D | C |
| RM3G     | 6,304     | 79    | 32  | C | B | RF4M (UA4LL & UA4LU, ops)  | 13,640    | 130   | 44  | D | C |
| UB4AAV   | 6,270     | 65    | 38  | C | B | RK6CM  | 11,680    | 98    | 40  | D | C |
| RU3ATJ   | 5,811     | 59    | 39  | C | B | RU6YJ  | 11,664    | 78    | 72  | D | C |
| RA3BQ/3  | 4,212     | 42    | 26  | C | B | UA4FCO   | 11,546    | 107   | 46  | D | C |
| RT1A     | 1,680     | 32    | 24  | C | B | RZ4AWD (RD4AL & UB4AAX, ops)   | 10,176    | 82    | 53  | D | C |
| RA6HDI   | 1,274     | 27    | 14  | C | B | RU6YZ  | 9,240     | 74    | 55  | D | C |
| RX6AOB   | 920       | 22    | 20  | C | B | RW4FE  | 9,163     | 71    | 49  | D | C |
| R1AUR    | 399       | 19    | 19  | C | B | UA4NDX   | 7,502     | 67    | 62  | D | C |
| UA4ANZ   | 252       | 13    | 12  | C | B | R3LA   | 1,848     | 34    | 21  | D | C |
| RN3DKQ   | 105       | 5     | 5   | C | B | RN6DR  | 187       | 11    | 11  | D | C |
| UA5F     | 2,460,708 | 2,309 | 348 | C | C | <b>Kaliningrad</b>   |           |       |     |   |   |
| RT5Z     | 2,374,984 | 2,122 | 353 | C | C | RA2FB  | 176,113   | 501   | 139 | A | B |
| RT3T     | 1,616,508 | 1,715 | 332 | C | C | RT2F   | 14,850    | 120   | 55  | A | B |
| RO3DX    | 1,418,928 | 1,692 | 287 | C | C | RN2FQ  | 26,260    | 138   | 65  | A | C |
| RZ3BW    | 1,315,440 | 1,718 | 270 | C | C | UA2FL  | 552,874   | 1,298 | 161 | C | B |
| UC7A     | 1,225,962 | 1,348 | 311 | C | C | <b>Latvia</b>  |           |       |     |   |   |
| RK3ZZ    | 1,133,568 | 1,306 | 288 | C | C | YL3AD  | 194,425   | 459   | 175 | A | B |
| R3FX     | 1,014,600 | 1,470 | 228 | C | C |  |           |       |     |   |   |
| RK3ER    | 795,264   | 1,206 | 218 | C | C |  |           |       |     |   |   |
| RY3D     | 768,014   | 1,137 | 218 | C | C |  |           |       |     |   |   |
| RY7G     | 685,378   | 924   | 263 | C | C |  |           |       |     |   |   |
| RC7A     | 394,492   | 942   | 146 | C | C |  |           |       |     |   |   |
| RV1CC    | 367,632   | 678   | 216 | C | C |  |           |       |     |   |   |
| R3ZV     | 363,608   | 720   | 172 | C | C |  |           |       |     |   |   |
| RV6YB    | 363,204   | 718   | 177 | C | C |  |           |       |     |   |   |
| RG3R     | 284,665   | 487   | 197 | C | C |  |           |       |     |   |   |
| R3OM     | 266,007   | 579   | 159 | C | C |  |           |       |     |   |   |
| R3RR     | 243,516   | 468   | 182 | C | C |  |           |       |     |   |   |
| RD3AEF   | 136,178   | 392   | 137 | C | C |  |           |       |     |   |   |
| R7HF     | 123,000   | 356   | 123 | C | C |  |           |       |     |   |   |
| RA1WJ    | 100,317   | 321   | 119 | C | C |  |           |       |     |   |   |
| RV6LN    | 97,020    | 296   | 126 | C | C |  |           |       |     |   |   |
| RW4LC    | 91,168    | 420   | 77  | C | C |  |           |       |     |   |   |
| RN7F     | 87,760    | 401   | 80  | C | C |  |           |       |     |   |   |

|                    |           |       |     |   |   |                   |           |       |     |   |   |
|--------------------|-----------|-------|-----|---|---|-------------------|-----------|-------|-----|---|---|
| YL9T (YL2TW, op)   |           |       |     |   |   | UR5TGK            | 1,456     | 30    | 28  | A | B |
|                    | 20,933    | 173   | 121 | A | B | UW2M (UR0MC, op)  |           |       |     |   |   |
| YL4U               | 2,956,728 | 3,038 | 349 | A | C |                   | 3,979,660 | 3,118 | 386 | A | C |
| YL2SM              | 1,781,395 | 2,495 | 245 | A | C | UV5U (UX1UA, op)  |           |       |     |   |   |
| YL2IP              | 67,106    | 294   | 89  | A | C |                   | 757,416   | 1,142 | 228 | A | C |
| YL2PP              | 10,241    | 91    | 49  | A | C | US3IZ             | 686,955   | 1,255 | 205 | A | C |
| YL3DR              | 234,972   | 512   | 183 | B | B | UT6EE             | 224,296   | 461   | 184 | A | C |
| YL2GUV             | 17,390    | 206   | 37  | B | B | UZ0U (UY5ZZ, op)  |           |       |     |   |   |
| YL2CV              | 257,152   | 498   | 196 | C | A |                   | 157,794   | 488   | 119 | A | C |
| YL3DX              | 365,884   | 772   | 194 | C | B | UT5ECZ            | 149,842   | 397   | 154 | A | C |
| YL2EC              | 97,240    | 340   | 130 | C | B | UY8IO             | 142,038   | 440   | 117 | A | C |
| YL8M (YL2KL, op)   |           |       |     |   |   | US0MS             | 157,620   | 408   | 142 | B | A |
|                    | 2,246,864 | 2,036 | 361 | C | C | UV8M (UX3MR, op)  |           |       |     |   |   |
|                    |           |       |     |   |   |                   | 765,576   | 1,133 | 248 | B | B |
| <b>Lithuania</b>   |           |       |     |   |   | US0HZ             | 673,502   | 1,002 | 239 | B | B |
| LY9A               | 2,018,549 | 2,283 | 299 | A | B | UR4U (UR4UDI, op) |           |       |     |   |   |
| LY4L               | 1,332,114 | 1,713 | 294 | A | B |                   | 439,688   | 674   | 244 | B | B |
| LY4T               | 443,770   | 778   | 223 | A | B | UT0NN             | 409,920   | 664   | 224 | B | B |
| LY2OM              | 12,870    | 113   | 66  | A | B | UT5LO             | 247,254   | 434   | 203 | B | B |
| LY2N               | 10,746    | 99    | 54  | A | B | UR5ETN            | 204,138   | 427   | 198 | B | B |
| LY3CY              | 358,656   | 800   | 192 | A | C | UX7MB             | 113,130   | 334   | 135 | B | B |
| LY3OS              | 2,030     | 46    | 29  | B | A | US5IND            | 87,000    | 274   | 150 | B | B |
| LY5W               | 549,171   | 1,027 | 207 | B | B | US7IGN            | 49,416    | 214   | 87  | B | B |
| LY1SR              | 239,127   | 531   | 193 | B | B | UR7CT             | 47,589    | 207   | 87  | B | B |
| LY1RB              | 92,796    | 313   | 132 | B | B | UT5HX             | 44,405    | 203   | 83  | B | B |
| LY1K               | 85,932    | 283   | 132 | B | B | UY2IW             | 44,100    | 232   | 75  | B | B |
| LY5S               | 840       | 24    | 21  | B | B | US5DA             | 43,268    | 298   | 58  | B | B |
| LY3BB              | 605,151   | 977   | 241 | B | C | US5ISV            | 42,800    | 172   | 107 | B | B |
| LY5AA              | 595,980   | 1,042 | 210 | B | C | UU4JMN            | 25,350    | 141   | 78  | B | B |
| LY2AE              | 224,280   | 486   | 178 | B | C | UU5TN             | 18,531    | 107   | 87  | B | B |
| LY5G               | 13,520    | 106   | 52  | C | A | UR4MS             | 18,315    | 111   | 99  | B | B |
| LY2LF              | 2,576     | 72    | 14  | C | A | UR8QR             | 17,404    | 101   | 76  | B | B |
| LY4BF (LY2BBF, op) |           |       |     |   |   | UR5WHT            | 12,773    | 101   | 53  | B | B |
|                    | 6         | 1     | 2   | C | A | UR5RP             | 8,440     | 87    | 40  | B | B |
| LY6A               | 1,420,668 | 1,838 | 279 | C | B | UR5WHQ            | 2,860     | 50    | 22  | B | B |
| LY3B               | 1,040,480 | 1,320 | 280 | C | B | UW5EES            | 1,022     | 29    | 14  | B | B |
| LY4G               | 188,468   | 602   | 127 | C | B | US5D (UT7DX, op)  |           |       |     |   |   |
| LY2C               | 9,696     | 133   | 32  | C | B |                   | 1,434,928 | 1,780 | 263 | B | C |
| LY2BKT             | 587,240   | 1,076 | 212 | C | C | UT7QL             | 468,305   | 759   | 229 | B | C |
| LY2F               | 76,630    | 205   | 158 | C | C | UT7CA             | 416,765   | 731   | 205 | B | C |
| LY2FN (+ LY2W)     |           |       |     |   |   | UX0RR             | 231,288   | 479   | 184 | B | C |
|                    | 327,846   | 561   | 202 | D | C | UV5EVZ            | 137,592   | 318   | 156 | B | C |
| LY2KM              | 294,813   | 605   | 179 | D | C | UT5JCE            | 63,220    | 243   | 116 | B | C |
| LY2SA              | 194,519   | 461   | 169 | D | C | UU2CW             | 649,495   | 931   | 241 | C | A |
| LY4BP              | 23,634    | 200   | 39  | D | C | UX9Q (UR9QQ, op)  |           |       |     |   |   |
|                    |           |       |     |   |   |                   | 582,192   | 900   | 234 | C | A |
| <b>Moldova</b>     |           |       |     |   |   | UW5M (UT7MA, op)  |           |       |     |   |   |
| ER3CT              | 316,730   | 615   | 190 | B | B |                   | 474,237   | 715   | 237 | C | A |
| ER2RM              | 182,225   | 429   | 185 | B | B | UX5UU             | 130,284   | 376   | 141 | C | A |
| ER2AW              | 37,620    | 182   | 90  | B | B | UX8ZA             | 124,200   | 356   | 150 | C | A |
|                    |           |       |     |   |   | UU9JQ             | 34,768    | 142   | 82  | C | A |
| <b>Ukraine</b>     |           |       |     |   |   | UT7MR             | 19,206    | 113   | 66  | C | A |
| US2IZ              | 349,662   | 705   | 202 | A | A | US5VX             | 14,663    | 119   | 43  | C | A |
| UT5DJ              | 150,087   | 437   | 147 | A | A | UT0NT             | 1,800     | 35    | 24  | C | A |
| UT5EO              | 943,569   | 1,397 | 243 | A | B | UW5Q (UR3QCW, op) |           |       |     |   |   |
| UY2IG              | 432,473   | 695   | 251 | A | B |                   | 1,362,396 | 1,618 | 294 | C | B |
| UR5IRM             | 417,942   | 736   | 217 | A | B | UY5BA             | 565,719   | 865   | 217 | C | B |
| UY5TE              | 319,352   | 654   | 191 | A | B | UT5UN             | 489,066   | 741   | 222 | C | B |
| UT8IM              | 289,476   | 540   | 198 | A | B | UZ8I (US7IY, op)  |           |       |     |   |   |
| UT3SO              | 265,500   | 693   | 180 | A | B |                   | 386,106   | 740   | 203 | C | B |
| UT1IM              | 240,240   | 565   | 176 | A | B | UU9JH             | 319,534   | 584   | 197 | C | B |
| UT4XU              | 221,595   | 529   | 165 | A | B | UR5MM             | 301,944   | 503   | 184 | C | B |
| US2IW              | 153,045   | 355   | 171 | A | B | UT8IT             | 296,595   | 555   | 195 | C | B |
| UV3QF              | 128,394   | 401   | 126 | A | B | EN1C              | 282,408   | 629   | 168 | C | B |
| UT5ULX             | 111,996   | 340   | 122 | A | B | UT7I (UT2IO, op)  |           |       |     |   |   |
| UY2UQ              | 93,598    | 383   | 106 | A | B |                   | 279,680   | 554   | 190 | C | B |
| UT0CK              | 76,818    | 273   | 118 | A | B | UT5UIA            | 232,576   | 452   | 184 | C | B |
| US3LX              | 47,922    | 213   | 98  | A | B |                   |           |       |     |   |   |

|                            |           |       |     |   |   |                                    |           |       |     |   |   |
|----------------------------|-----------|-------|-----|---|---|------------------------------------|-----------|-------|-----|---|---|
| UT3EK                      | 192,696   | 409   | 168 | C | B | UT7Y                               | 80,388    | 249   | 116 | D | C |
| UY5QQ                      | 174,580   | 369   | 172 | C | B | UU2JQ                              | 67,050    | 203   | 150 | D | C |
| US7WW                      | 170,145   | 395   | 171 | C | B | UV5EEO                             | 63,546    | 251   | 102 | D | C |
| UX1CW                      | 147,906   | 365   | 162 | C | B | US6IKT                             | 22,562    | 139   | 58  | D | C |
| US1PM                      | 142,416   | 425   | 144 | C | B | UT3QU                              | 2,068     | 32    | 22  | D | C |
| UY2ZZ                      | 129,064   | 351   | 136 | C | B |                                    |           |       |     |   |   |
| UU0J (UU5JW, op)           |           |       |     |   |   | <b>Zone 30</b>                     |           |       |     |   |   |
|                            | 124,416   | 312   | 144 | C | B | <b>Asiatic Russia</b>              |           |       |     |   |   |
| UR5EPV                     | 123,582   | 364   | 129 | C | B | RT9S                               | 1,257,538 | 1,212 | 241 | A | B |
| UY5YB                      | 120,286   | 316   | 137 | C | B | RA9AP                              | 1,073,520 | 1,184 | 216 | A | B |
| UW2ZL                      | 116,688   | 306   | 132 | C | B | R8CAA                              | 82,944    | 290   | 81  | A | B |
| UR7INK                     | 105,534   | 308   | 117 | C | B | RK9DO                              | 53,605    | 205   | 71  | A | B |
| UR6LAF                     | 99,828    | 304   | 118 | C | B | RA9AN                              | 19,652    | 99    | 68  | A | B |
| UT7LA                      | 97,889    | 255   | 121 | C | B | UA9NP                              | 12,894    | 95    | 42  | A | B |
| UR7MZ                      | 88,504    | 268   | 148 | C | B | UA8WAA                             | 7,880     | 59    | 40  | A | B |
| UR5IHQ                     | 74,015    | 267   | 113 | C | B | RG9A                               | 3,842,450 | 2,690 | 335 | A | C |
| UW7CF                      | 72,320    | 268   | 113 | C | B | UA9MA                              | 1,727,730 | 1,642 | 243 | A | C |
| UR5FCM                     | 68,600    | 294   | 100 | C | B | RV9CBW                             | 683,696   | 805   | 208 | B | B |
| UT4NY                      | 67,670    | 276   | 101 | C | B | RV9MN                              | 119,600   | 330   | 92  | B | B |
| UT8UL                      | 66,000    | 258   | 88  | C | B | RV9WND                             | 117,530   | 274   | 115 | B | B |
| US0U                       | 62,640    | 382   | 58  | C | B | RK9AN                              | 112,614   | 246   | 137 | B | B |
| UT7DU                      | 62,016    | 342   | 68  | C | B | R9AAJ                              | 105,500   | 254   | 125 | B | B |
| UT5NA                      | 61,711    | 247   | 101 | C | B | RK9ALD                             | 88,330    | 231   | 110 | B | B |
| US7IA                      | 44,919    | 231   | 69  | C | B | UA8CW                              | 21,710    | 110   | 65  | B | B |
| UR4CU                      | 43,873    | 213   | 73  | C | B | RA9SK                              | 305,943   | 569   | 127 | B | C |
| UR5KED                     | 40,748    | 244   | 61  | C | B | RU9AC                              | 272,492   | 530   | 121 | B | C |
| UR5XMM                     | 39,960    | 176   | 90  | C | B | RA9AU                              | 270,540   | 442   | 162 | B | C |
| US7ISE                     | 37,164    | 190   | 57  | C | B | RA8T (RA9SPF, op)                  |           |       |     |   |   |
| US5EEK                     | 29,394    | 148   | 69  | C | B |                                    | 233,375   | 449   | 125 | B | C |
| UR4MF                      | 28,982    | 234   | 43  | C | B | UI8CM                              | 18,432    | 102   | 48  | C | A |
| UU7JF                      | 26,522    | 142   | 89  | C | B | RA9DZ                              | 949,620   | 1,074 | 210 | C | B |
| UU8JW                      | 25,986    | 148   | 61  | C | B | RA9MX                              | 491,721   | 697   | 183 | C | B |
| UU2JA                      | 25,647    | 113   | 103 | C | B | RD9CX                              | 440,365   | 715   | 145 | C | B |
| UW4SU                      | 24,576    | 120   | 96  | C | B | UA9WOB                             | 313,167   | 545   | 139 | C | B |
| UR7ZO                      | 21,896    | 126   | 68  | C | B | RU9WZ                              | 296,244   | 633   | 108 | C | B |
| UY5AA                      | 18,105    | 95    | 71  | C | B | UA9QM                              | 204,929   | 469   | 101 | C | B |
| UU4JDD                     | 14,300    | 109   | 52  | C | B | R9AX                               | 191,815   | 335   | 169 | C | B |
| UR7QL                      | 13,860    | 86    | 66  | C | B | RN9RF                              | 138,879   | 323   | 117 | C | B |
| UT8UD                      | 13,800    | 100   | 69  | C | B | RU9AZ                              | 127,794   | 303   | 118 | C | B |
| UX7QD                      | 12,936    | 222   | 21  | C | B | RA9SO                              | 110,432   | 266   | 119 | C | B |
| UT7MD                      | 12,096    | 96    | 54  | C | B | UA9AFS                             | 78,561    | 243   | 87  | C | B |
| US5ELM                     | 6,055     | 73    | 35  | C | B | R9RT                               | 51,240    | 192   | 70  | C | B |
| UT4ULR                     | 5,504     | 80    | 32  | C | B | RA9CCK                             | 22,560    | 112   | 60  | C | B |
| UR8QV                      | 4,182     | 57    | 34  | C | B | R9MJ                               | 15,120    | 120   | 30  | C | B |
| UX7U (UX7UA, op)           |           |       |     |   |   | RV9CQ/P                            | 4,018     | 50    | 49  | C | B |
|                            | 2,398     | 55    | 22  | C | B | RX9WN                              | 1,680     | 30    | 30  | C | B |
| UW1M (UR5MW, op)           |           |       |     |   |   | UB9LBL                             | 1,326     | 22    | 17  | C | B |
|                            | 3,020,108 | 2,569 | 364 | C | C | RT9A                               | 2,105,904 | 1,648 | 292 | C | C |
| UT5UGR                     | 2,588,105 | 2,299 | 377 | C | C | R9DA                               | 1,324,372 | 1,501 | 196 | C | C |
| UW4E (UT7EZ, op)           |           |       |     |   |   | RW9QA                              | 291,985   | 583   | 115 | C | C |
|                            | 1,299,480 | 1,583 | 280 | C | C | R9SA                               | 125,860   | 256   | 155 | C | C |
| UR7GO                      | 826,177   | 1,261 | 209 | C | C | RK9QWM (RW9QU, op)                 |           |       |     |   |   |
| UT4ZG                      | 628,120   | 1,094 | 205 | C | C |                                    | 79,200    | 394   | 48  | C | C |
| UT1IA                      | 538,472   | 839   | 232 | C | C | RF9C (RA9CMO, UA9CDC, UA9CIR, ops) |           |       |     |   |   |
| UR8IW                      | 454,182   | 920   | 177 | C | C |                                    | 4,256,647 | 2,919 | 337 | D | C |
| UR2VA                      | 204,450   | 403   | 174 | C | C | RK9CYA (RK9CR, UA9CMP + ops)       |           |       |     |   |   |
| UR8RF                      | 72,357    | 299   | 89  | C | C |                                    | 901,520   | 1,134 | 191 | D | C |
| UT3LW                      | 38,226    | 208   | 69  | C | C | RL9AA                              | 485,648   | 872   | 127 | D | C |
| UR0IQ                      | 33,856    | 254   | 46  | C | C | UA9AGX                             | 304,368   | 672   | 102 | D | C |
| UU1JO                      | 23,920    | 140   | 65  | C | C | UF8T                               | 169,995   | 393   | 105 | D | C |
| UT2UB                      | 11,880    | 159   | 24  | C | C | RK9DM                              | 52,838    | 225   | 58  | D | C |
| UR4EI                      | 95        | 7     | 5   | C | C | RF9T (RW9SW & UB9SAR, ops)         |           |       |     |   |   |
| UX4E (UR7EC & UT5EOX, ops) |           |       |     |   |   |                                    | 22,050    | 135   | 42  | D | C |
|                            | 584,103   | 925   | 221 | D | C | RK9AX                              | 16,335    | 159   | 27  | D | C |
| US8IM                      | 226,145   | 483   | 155 | D | C | RN9CM                              | 4,720     | 50    | 40  | D | C |
| UT8EL                      | 210,520   | 430   | 190 | D | C |                                    |           |       |     |   |   |
| UV7QA                      | 86,710    | 269   | 130 | D | C |                                    |           |       |     |   |   |

**European Russia**

|        |           |       |     |   |   |
|--------|-----------|-------|-----|---|---|
| R9FR   | 135,196   | 352   | 146 | B | B |
| R4HAW  | 112,728   | 328   | 132 | B | B |
| RN4HKQ | 99,840    | 310   | 120 | B | B |
| RX9FG  | 43,077    | 205   | 83  | B | B |
| RT4RO  | 1,493,263 | 1,803 | 289 | B | C |
| RM4HZ  | 190,275   | 503   | 129 | B | C |
| RN4HAB | 152,048   | 404   | 136 | C | A |
| R4WAA  | 243,882   | 554   | 153 | C | B |
| R4WT   | 230,845   | 571   | 137 | C | B |
| UA9FGJ | 151,044   | 430   | 123 | C | B |
| RA4WC  | 117,820   | 324   | 137 | C | B |
| UA4RW  | 117,455   | 315   | 139 | C | B |
| RX9FB  | 102,598   | 401   | 86  | C | B |
| RK4R   | 18,258    | 128   | 51  | C | B |
| RW4WA  | 851,698   | 1,136 | 257 | D | C |
| UA4WI  | 84,448    | 264   | 112 | D | C |
| RM4R   | 47,616    | 186   | 93  | D | C |
| R4WDX  | 21,465    | 173   | 45  | D | C |

**Kazakhstan**

|                  |           |       |     |   |   |
|------------------|-----------|-------|-----|---|---|
| UN7EX            | 81,600    | 254   | 85  | A | B |
| UP2L (UA9BA, op) | 3,856,736 | 2,942 | 292 | A | C |
| UP4L (UN7LZ, op) | 1,654,734 | 1,648 | 237 | A | C |
| UN7RL            | 94,184    | 246   | 122 | B | B |
| UN7BTC           | 3,944     | 44    | 29  | B | B |
| UN6LN            | 143,600   | 429   | 80  | C | B |
| UN7CN            | 130,624   | 334   | 104 | C | B |
| UN1Z             | 1,460     | 25    | 20  | C | B |
| UN0C             | 504       | 14    | 12  | C | B |
| UN2C             | 46,197    | 341   | 29  | C | C |
| UN9LU            | 114,144   | 309   | 96  | D | C |

**Kyrgyzstan**

|       |     |    |    |   |   |
|-------|-----|----|----|---|---|
| EX8BN | 936 | 22 | 13 | C | A |
|-------|-----|----|----|---|---|

**Zone 31****Asiatic Russia**

|        |           |       |     |   |   |
|--------|-----------|-------|-----|---|---|
| RV9UP  | 1,375,311 | 1,425 | 237 | A | B |
| RQ9I   | 540,876   | 920   | 137 | A | B |
| RZ9UMA | 36,192    | 270   | 39  | A | B |
| RC9O   | 2,394,112 | 2,258 | 256 | A | C |
| UA9PM  | 28,635    | 129   | 83  | A | C |
| RU9UN  | 3,180     | 38    | 30  | C | A |
| UA9OQM | 123,157   | 307   | 107 | C | B |
| UA9UKL | 27,918    | 127   | 66  | C | B |
| RA9YUI | 5,344     | 47    | 32  | C | B |
| RZ9UO  | 2,200     | 50    | 10  | C | B |
| RM9I   | 1,522,787 | 1,681 | 211 | C | C |
| RA9UN  | 277,524   | 594   | 117 | C | C |
| R9IR   | 1,092     | 24    | 21  | C | C |
| RA9HM  | 39,122    | 177   | 62  | D | C |

**Kazakhstan**

|                  |         |     |     |   |   |
|------------------|---------|-----|-----|---|---|
| UN6GK            | 286,512 | 580 | 127 | A | C |
| UP1Q (UN6QC, op) | 145,476 | 357 | 108 | B | C |
| UN7FW            | 268,647 | 485 | 149 | C | B |
| UN8GV            | 261,660 | 828 | 70  | C | C |
| UP1G (UN7QX, op) | 69,654  | 278 | 57  | C | C |
| UN5J             | 12,557  | 109 | 29  | C | C |

**Zone 32****Asiatic Russia**

|                            |           |       |     |   |   |
|----------------------------|-----------|-------|-----|---|---|
| RA0AY                      | 49,302    | 186   | 83  | A | A |
| RW0A (RA0AM, op)           | 1,220,334 | 1,288 | 239 | A | B |
| R0AA                       | 178,095   | 479   | 93  | A | C |
| UA0WY                      | 38,038    | 152   | 77  | B | B |
| RV0AR                      | 7,844     | 62    | 53  | B | B |
| RA0ACM                     | 41,182    | 210   | 59  | B | C |
| UA0AYA                     | 11,240    | 83    | 40  | B | C |
| UA0SBQ/P                   | 1,360     | 24    | 17  | C | A |
| RW0AJ                      | 428,214   | 639   | 174 | C | B |
| UA0OD                      | 270,600   | 526   | 150 | C | B |
| RW0SP                      | 118,272   | 380   | 84  | C | B |
| UA0ABB                     | 36,893    | 139   | 79  | C | B |
| RU0A                       | 24,150    | 111   | 70  | C | B |
| RA0AQQ                     | 138       | 7     | 6   | C | B |
| UC0A                       | 253,954   | 727   | 82  | C | C |
| UB0A                       | 217,646   | 404   | 143 | C | C |
| UA0YAY                     | 20,619    | 99    | 79  | C | C |
| UA0S (RU0SN & RA0SMS, ops) | 1,205,540 | 1,384 | 218 | D | C |
| RN0SA                      | 660,592   | 1,030 | 164 | D | C |

**Mongolia**

|       |         |     |    |   |   |
|-------|---------|-----|----|---|---|
| JT1BV | 104,916 | 383 | 84 | A | C |
|-------|---------|-----|----|---|---|

**Zone 33****Asiatic Russia**

|       |        |     |    |   |   |
|-------|--------|-----|----|---|---|
| RW0UU | 19,872 | 146 | 46 | B | C |
| UA0UK | 336    | 12  | 8  | C | B |

**China**

|        |        |     |    |   |   |
|--------|--------|-----|----|---|---|
| BD2BT  | 968    | 26  | 22 | A | B |
| BY2HIT | 29,050 | 181 | 50 | D | C |

**Zone 34****Asiatic Russia**

|   |           |       |     |   |   |
|---|-----------|-------|-----|---|---|
| RW0CV   | 2,550     | 36    | 25  | A | A |
| RZ0CQ   | 126,260   | 326   | 118 | A | B |
| UA0IT   | 16,244    | 136   | 31  | A | B |
| RA0LE   | 5,313     | 59    | 33  | B | B |
| RV0CG   | 62,234    | 237   | 74  | C | B |
| RW0LZ   | 20,286    | 100   | 69  | C | B |
| UA0CMG  | 12,513    | 93    | 43  | C | B |
| UA0C  | 186       | 13    | 6   | C | B |
| RU0FM   | 1,032,468 | 1,322 | 194 | C | C |
| R0FA  | 382,280   | 701   | 152 | C | C |
| RW0MM   | 5,025     | 59    | 25  | C | C |
| UA0IDZ  | 2,156     | 64    | 11  | C | C |
| RT0C (RW0CR, RW0CF, UA0CA, UA0CDX, RA0CHK, ops) | 1,454,744 | 1,822 | 212 | D | C |
| RU0LL   | 695,968   | 946   | 208 | D | C |

**Zone 36****Azores**

|       |        |     |    |   |   |
|-------|--------|-----|----|---|---|
| CU3AL | 14,204 | 102 | 53 | B | B |
|-------|--------|-----|----|---|---|

**Canary Islands**

|        |         |     |     |   |   |
|--------|---------|-----|-----|---|---|
| EA8AKN | 50      | 10  | 5   | 1 | C |
| EA8AQV | 60,444  | 195 | 92  | A | B |
| EA8BQM | 2,982   | 38  | 21  | A | B |
| EA8CST | 35      | 7   | 5   | A | B |
| EA8ZS  | 12,690  | 99  | 94  | A | C |
| EA8MT  | 622,980 | 787 | 180 | B | B |

|  |           |       |     |   |   |                                |           |       |     |   |   |
|--|-----------|-------|-----|---|---|--------------------------------|-----------|-------|-----|---|---|
| EA8ADL                                 | 73,437    | 215   | 91  | B | B | EA2DT                          | 600,667   | 871   | 229 | B | B |
| EA8CYQ                                 | 25        | 5     | 5   | B | B | EA5FWW                         | 231,420   | 430   | 190 | B | B |
| EA8DP                                  | 408,342   | 659   | 138 | C | B | ED7R (EA7IZJ, op)              |           |       |     |   |   |
| EA8DA                                  | 220,605   | 477   | 105 | C | B |                                | 163,936   | 524   | 94  | B | B |
| EF8X (EA8AY, op)                       |           |       |     |   |   | EA7NL                          | 142,800   | 414   | 120 | B | B |
|  | 188,870   | 430   | 101 | C | B | EA1HDD                         | 118,542   | 309   | 138 | B | B |
| EA8AVK                                 | 37,952    | 149   | 64  | C | B | ED1C                           | 84,744    | 264   | 99  | B | B |
| EF8M (RD3A, UA5C, IK1HJS, EA8CAC, ops) |           |       |     |   |   | AM3WH (EB3WH, op)              |           |       |     |   |   |
|  | 8,515,608 | 4,566 | 398 | D | C |                                | 83,850    | 251   | 130 | B | B |
| EC8AFM                                 | 3,683     | 35    | 29  | D | C | EA3TA                          | 73,689    | 221   | 121 | B | B |
| EA8RY                                  | 720       | 24    | 18  | D | C | EA4EF                          | 64,735    | 229   | 107 | B | B |
| <b>Madeira Islands</b>                 |           |       |     |   |   | EC1DJ                          | 63,757    | 229   | 103 | B | B |
| CT3HF                                  | 297,405   | 511   | 135 | B | C | EF3AB                          | 46,464    | 192   | 96  | B | B |
| CR3T (CT3FQ, CT3KN, CR9ABH, ops)       |           |       |     |   |   | EA5HRB                         | 39,188    | 162   | 101 | B | B |
|  | 3,412,320 | 2,966 | 240 | D | C | EA5HKA                         | 33,375    | 155   | 89  | B | B |
| <b>Zone 37</b>                         |           |       |     |   |   | EA5DIT                         | 28,282    | 138   | 79  | B | B |
| <b>Balearic Islands</b>                |           |       |     |   |   | EA3GYK (DK7TM, op)             |           |       |     |   |   |
| AO6ZS                                  | 64,400    | 226   | 92  | C | B |                                | 26,925    | 141   | 75  | B | B |
| EF6X (EA6LP & SP5MXZ, ops)             |           |       |     |   |   | EA1OT                          | 23,958    | 127   | 66  | B | B |
|  | 1,292,720 | 1,879 | 208 | D | C | EB4SM                          | 21,600    | 112   | 90  | B | B |
| <b>Portugal</b>                        |           |       |     |   |   | EA4GHB                         | 18,480    | 114   | 70  | B | B |
| CT2JBG                                 | 120,132   | 284   | 142 | B | A | EE1Y (EA1YB, op)               |           |       |     |   |   |
| CT2KFA                                 | 32,930    | 134   | 89  | B | A |                                | 16,016    | 118   | 56  | B | B |
| CT4DK                                  | 32,538    | 138   | 87  | B | B | EB7CVL                         | 10,170    | 80    | 45  | B | B |
| CT2JBD                                 | 21,775    | 119   | 67  | B | B | EA7JHV                         | 9,966     | 88    | 33  | B | B |
| CT1EBM                                 | 5,725     | 61    | 25  | B | B | EA7HE                          | 8,358     | 73    | 42  | B | B |
| CT1JRZ                                 | 988       | 24    | 19  | B | B | EA5CZM                         | 4,940     | 77    | 20  | B | B |
| CR7ACS                                 | 117,120   | 282   | 122 | C | B | EA4MI                          | 3,075     | 41    | 25  | B | B |
| CT2IWW                                 | 50,336    | 178   | 88  | C | B | EA7FRX                         | 2,697     | 41    | 31  | B | B |
| CT1DJE                                 | 5,152     | 51    | 32  | C | B | EA7HOJ                         | 2,314     | 35    | 26  | B | B |
| CS7ABQ                                 | 2,430     | 39    | 18  | C | B | EA4CQX                         | 2,204     | 40    | 38  | B | B |
| CR6K (CT1ILT, op)                      |           |       |     |   |   | EA3NA                          | 1,862     | 36    | 19  | B | B |
|  | 3,461,080 | 2,722 | 329 | C | C | EA7IIV                         | 697       | 19    | 17  | B | B |
| CS7ABP                                 | 122,737   | 303   | 139 | D | C | EA5AD                          | 361       | 19    | 19  | B | B |
| CT1FOQ                                 | 18,225    | 101   | 75  | D | C | EA2CHL                         | 170       | 11    | 10  | B | B |
| <b>Spain</b>                           |           |       |     |   |   | EA1FDI                         | 2,514,822 | 2,496 | 291 | B | C |
| EA1GT                                  | 59,048    | 247   | 88  | A | A | EA4KD                          | 2,078,004 | 2,141 | 276 | B | C |
| EE3R (EA3OR, op)                       |           |       |     |   |   | EA5DFV                         | 1,701,366 | 1,998 | 233 | B | C |
|  | 237,921   | 427   | 213 | A | B | ED3B (EA3BOX, op)              |           |       |     |   |   |
| AN5AN                                  | 157,642   | 384   | 149 | A | B |                                | 850,881   | 1,541 | 181 | B | C |
| EB5RR                                  | 144,907   | 345   | 163 | A | B | EA5ICU                         | 164,052   | 514   | 98  | B | C |
| EA3NO                                  | 113,436   | 282   | 137 | A | B | EA7ATX                         | 65,730    | 238   | 105 | B | C |
| EB5CS                                  | 100,894   | 341   | 122 | A | B | EB1IC                          | 12,950    | 97    | 50  | B | C |
| ED5W (EA5DWS, op)                      |           |       |     |   |   | EA4ETW                         | 8,772     | 72    | 43  | B | C |
|  | 79,758    | 422   | 63  | A | B | EA4CKC                         | 3,395     | 45    | 35  | B | C |
| EA5HJO                                 | 54,557    | 203   | 89  | A | B | EA5DFE                         | 225       | 11    | 9   | B | C |
| EA7AZA                                 | 37,845    | 161   | 87  | A | B | EA5AER                         | 1,015,322 | 1,486 | 209 | C | B |
| EA4JJ                                  | 1,920     | 36    | 32  | A | B | EA1VT                          | 186,436   | 438   | 127 | C | B |
| EA5GX                                  | 1,768     | 42    | 17  | A | B | EA3AVV                         | 179,388   | 400   | 151 | C | B |
| EA7BY                                  | 1,404     | 26    | 18  | A | B | EA5DD                          | 134,532   | 376   | 111 | C | B |
| EB7BFG                                 | 1,144     | 26    | 22  | A | B | EA5CP                          | 79,182    | 320   | 83  | C | B |
| EA7GV                                  | 432       | 24    | 8   | A | B | EA3GBA                         | 59,769    | 231   | 87  | C | B |
| EA1DFP                                 | 299       | 19    | 13  | A | B | EA3GLB                         | 31,463    | 151   | 73  | C | B |
| EA4CWW                                 | 243       | 15    | 9   | A | B | EF3A (EA3KU, op)               |           |       |     |   |   |
| EA1CYH                                 | 40        | 8     | 5   | A | B |                                | 2,200,791 | 2,367 | 271 | C | C |
| EA3NT                                  | 162,929   | 603   | 83  | A | C | EA5YU                          | 371,418   | 591   | 206 | C | C |
| AO5HT (EA5HT, op)                      |           |       |     |   |   | EF1W (EA1WS, op)               |           |       |     |   |   |
|  | 120,780   | 658   | 61  | A | C |                                | 352,584   | 708   | 166 | D | C |
| EA3FF                                  | 25,916    | 139   | 76  | B | A | AO5HPX (EA5HPX, op)            |           |       |     |   |   |
| EA3WX                                  | 17,500    | 104   | 70  | B | A |                                | 263,110   | 928   | 83  | D | C |
| EA1TI                                  | 11,610    | 91    | 54  | B | A | AO2NN (EA2NN, op)              |           |       |     |   |   |
| AN4AA (EC4AA, op)                      |           |       |     |   |   |                                | 69,564    | 558   | 34  | D | C |
|  | 6,258     | 63    | 42  | B | A | EA1CBX (+ Spotting Assistance) |           |       |     |   |   |
| EA3FHP                                 | 108       | 6     | 6   | B | A |                                | 20,451    | 123   | 51  | D | C |
|  |           |       |     |   |   | EA7ZY                          | 17,688    | 116   | 66  | D | C |
|  |           |       |     |   |   | EA5ERA                         | 16,932    | 99    | 68  | D | C |
|  |           |       |     |   |   | EA2BVV                         | 11,856    | 97    | 48  | D | C |



|       |       |     |    |   |   |
|-------|-------|-----|----|---|---|
| EA1DR | 8,236 | 130 | 29 | D | C |
| EA7MT | 5,772 | 54  | 37 | D | C |
| EA1SB | 2,214 | 38  | 27 | D | C |
| EA3KN | 552   | 23  | 24 | D | C |

#### Tunisia

|                    |           |       |     |   |   |
|--------------------|-----------|-------|-----|---|---|
| 3V8BB (KF5EYY, op) |           |       |     |   |   |
|                    | 3,340,763 | 3,167 | 223 | A | C |

#### Zone 39

##### Cyprus

|   |           |       |     |   |   |
|---|-----------|-------|-----|---|---|
| C4W (5B4WN, op)                                 |           |       |     |   |   |
|   | 3,864,230 | 3,120 | 265 | A | C |
| H2T (5B4XF, op)                                 |           |       |     |   |   |
|   | 2,792,829 | 2,425 | 247 | B | C |
| C4Z (5B4AIZ, op)                                |           |       |     |   |   |
|   | 1,148,350 | 1,127 | 238 | C | B |
| P33W (RW4WR, UA2FZ, R3DCX, 5B4AIE, RA3AUU, ops) |           |       |     |   |   |
|   | 9,104,094 | 4,937 | 402 | D | C |
| C4N (5B8AD, RT9T, UA9CDV, ops)                  |           |       |     |   |   |
|   | 5,573,800 | 3,880 | 310 | D | C |

##### Israel

|                   |           |       |     |   |   |
|-------------------|-----------|-------|-----|---|---|
| 4Z4AK (UT7DK, op) |           |       |     |   |   |
|                   | 2,312,220 | 1,946 | 267 | A | B |
| 4Z5FI             | 1,325     | 29    | 25  | A | B |
| 4Z5PJ             | 15,364    | 88    | 46  | B | B |
| 4X0A (4X1VF, op)  |           |       |     |   |   |
|                   | 160,860   | 492   | 70  | B | C |
| 4Z5QQ             | 77,252    | 224   | 89  | C | B |
| 4Z5KO             | 65,534    | 247   | 62  | C | C |
| 4Z5TK             | 356,286   | 676   | 119 | D | C |
| 4X1WQ             | 18,377    | 95    | 47  | D | C |

##### Lebanon

|                     |        |     |    |   |   |
|---------------------|--------|-----|----|---|---|
| OD5IARU (OD5NJ, op) |        |     |    |   |   |
|                     | 46,966 | 227 | 46 | C | B |

##### Saudi Arabia

|       |           |       |     |   |   |
|-------|-----------|-------|-----|---|---|
| 7Z1SJ | 1,225,736 | 1,398 | 202 | A | B |
| HZ1BW | 463,344   | 718   | 147 | B | B |
| HZ1TT | 520,245   | 1,113 | 99  | B | C |
| HZ1TL | 295,355   | 675   | 95  | B | C |

##### Turkey

|                                |         |     |     |   |   |
|--------------------------------|---------|-----|-----|---|---|
| TA1CR                          | 170,905 | 585 | 95  | B | B |
| TA2ST                          | 16,236  | 108 | 41  | B | B |
| TA7EB                          | 13,090  | 90  | 35  | B | B |
| YM2SFT (TB1BCC, op)            |         |     |     |   |   |
|                                | 1,920   | 34  | 20  | B | B |
| TA2ANI/6                       | 760     | 18  | 10  | B | B |
| TA1ALT                         | 468     | 17  | 12  | B | B |
| TA3CX                          | 465     | 21  | 5   | B | B |
| TA3HM                          | 188,598 | 485 | 86  | B | C |
| TA1C/2                         | 211,752 | 660 | 68  | C | C |
| TA7I                           | 48,024  | 174 | 69  | D | C |
| TA1DX                          | 21,945  | 121 | 105 | D | C |
| TC100TIF (TA1ALT & TA1HZ, ops) |         |     |     |   |   |
|                                | 11,750  | 91  | 50  | D | C |

##### United Arab Emirates

|                   |         |     |     |   |   |
|-------------------|---------|-----|-----|---|---|
| A61ZX             | 188,194 | 558 | 73  | B | B |
| A65CA             | 69,793  | 239 | 71  | C | B |
| A65BD (G4BWP, op) |         |     |     |   |   |
|                   | 257,920 | 568 | 104 | C | C |

#### Zone 40

##### Afghanistan

|                 |         |     |    |   |   |
|-----------------|---------|-----|----|---|---|
| T6RH            | 29,520  | 134 | 72 | A | B |
| T6JP            | 6,776   | 70  | 22 | B | B |
| T6MO (K9GY, op) |         |     |    |   |   |
|                 | 146,916 | 407 | 84 | C | B |

#### Zone 41

##### India

|        |         |     |     |   |   |
|--------|---------|-----|-----|---|---|
| VU2GUR | 7,913   | 63  | 41  | A | A |
| VU2RMS | 5,535   | 55  | 41  | A | B |
| VU2JOS | 2,000   | 26  | 25  | A | C |
| VU3KPL | 28,475  | 129 | 67  | B | B |
| VU3NXI | 26,480  | 115 | 80  | B | B |
| VU3DMP | 22,491  | 123 | 51  | B | B |
| VU3TMO | 5,863   | 47  | 41  | B | B |
| VU3LMS | 2,425   | 31  | 25  | B | B |
| VU2LX  | 2,610   | 32  | 29  | C | A |
| VU2BGS | 278,330 | 523 | 130 | C | B |
| VU2UR  | 43,967  | 165 | 77  | C | C |

#### Zone 42

##### Nepal

|       |     |    |    |   |   |
|-------|-----|----|----|---|---|
| 9N7AK | 705 | 17 | 15 | B | C |
|-------|-----|----|----|---|---|

#### Zone 43

##### China

|         |         |     |     |   |   |
|---------|---------|-----|-----|---|---|
| BG8GAM  | 106,981 | 273 | 119 | B | B |
| BG0GE/9 | 65,511  | 243 | 87  | B | B |
| BH8ADT  | 14,535  | 97  | 51  | C | A |
| BA8AT   | 227,850 | 461 | 150 | C | B |
| BA8CY   | 38,430  | 194 | 61  | C | B |
| BD8ASG  | 27,950  | 138 | 65  | C | B |
| BH8AGP  | 27,755  | 137 | 61  | C | B |
| BA8AG   | 464,693 | 921 | 127 | C | C |
| BD9GBE  | 2,704   | 36  | 26  | D | C |

#### Zone 44

##### China

|                    |           |       |     |   |   |
|--------------------|-----------|-------|-----|---|---|
| BD4HF              | 79,786    | 291   | 82  | A | B |
| BA1AK              | 60,989    | 293   | 71  | A | B |
| BY1DX (KF5GSX, op) |           |       |     |   |   |
|                    | 52,581    | 301   | 51  | A | B |
| BH7PFH             | 50,540    | 190   | 95  | A | B |
| BG6CJR             | 44,030    | 207   | 70  | A | B |
| BD2IAQ             | 32,240    | 206   | 62  | A | B |
| BG4HJE             | 11,220    | 75    | 60  | A | B |
| BG3TBS             | 10,797    | 89    | 59  | A | B |
| BD4WM              | 10,045    | 69    | 49  | A | B |
| BG4IAK             | 9,360     | 77    | 48  | A | B |
| BG4HRM             | 6,600     | 56    | 44  | A | B |
| BD5DML             | 3,892     | 49    | 28  | A | B |
| BH4RRG             | 2,492     | 39    | 28  | A | B |
| BD3MV              | 2,163     | 37    | 21  | A | B |
| BD2TBJ             | 435       | 19    | 15  | A | B |
| BG3NUI             | 90        | 10    | 5   | A | B |
| BD4SFE             | 16        | 2     | 2   | A | B |
| BY5CD (BA4ALC, op) |           |       |     |   |   |
|                    | 1,138,960 | 1,604 | 184 | A | C |
| BD3CB              | 94,962    | 309   | 102 | B | B |
| BD7IS              | 49,164    | 219   | 68  | B | B |
| BD4WN              | 44,589    | 161   | 89  | B | B |
| BD4CD              | 33,432    | 138   | 84  | B | B |
| BD7OZG             | 29,574    | 165   | 62  | B | B |
| BG5LU              | 28,616    | 134   | 73  | B | B |

|   |         |     |     |   |   |  |           |       |     |   |   |
|---|---------|-----|-----|---|---|--|-----------|-------|-----|---|---|
| BD4IJ   | 16,874  | 112 | 59  | B | B | HL5YI  | 45,917    | 195   | 73  | C | C |
| BA5BO   | 12,780  | 92  | 45  | B | B | DS5VTG   | 13,938    | 85    | 46  | C | C |
| BG3MKT  | 10,912  | 104 | 44  | B | B | DS5QLJ   | 8,240     | 58    | 40  | C | C |
| BG4ACE  | 10,478  | 114 | 31  | B | B | D7ØLW (HL1VAU, HL3AMO, DS3GLW,<br>DS4NYE, ops) | 331,050   | 723   | 150 | D | C |
| BD4HZ   | 9,408   | 86  | 42  | B | B | HLØK   | 27,384    | 187   | 56  | D | C |
| BH1OBD  | 6,516   | 71  | 36  | B | B | <b>Taiwan</b>                                  |           |       |     |   |   |
| BH4QFI  | 3,920   | 44  | 35  | B | B | BV4VR/6  | 3,484     | 44    | 26  | A | B |
| BD4UN   | 3,610   | 76  | 19  | B | B | BW2/KU1CW                                      | 1,186,056 | 1,516 | 204 | A | C |
| BG5FCH  | 3,424   | 45  | 32  | B | B | BU2AW  | 55,860    | 326   | 49  | D | C |
| BD7IBN  | 3,360   | 42  | 28  | B | B | BU2AU  | 2,860     | 46    | 22  | D | C |
| BH4SKP  | 3,100   | 40  | 31  | B | B | <b>Zone 45</b>                                 |           |       |     |   |   |
| BI7PER  | 1,632   | 32  | 17  | B | B | <b>Japan</b>                                   |           |       |     |   |   |
| BH1NNN  | 1,058   | 26  | 23  | B | B | JR3RWB   | 206,067   | 423   | 149 | A | A |
| BH1LKO  | 1,056   | 22  | 16  | B | B | JK1TCV   | 93,906    | 250   | 111 | A | A |
| BG4DSN  | 924     | 23  | 12  | B | B | JM1RPV/1                                       | 60,809    | 249   | 73  | A | A |
| BG5FBR  | 854     | 23  | 14  | B | B | 7K1CPT   | 44,583    | 199   | 77  | A | A |
| BG7FBI  | 780     | 18  | 15  | B | B | JH7UJU   | 38,388    | 151   | 84  | A | A |
| BH7NJQ  | 260     | 10  | 10  | B | B | JR4VEV   | 27,580    | 130   | 70  | A | A |
| BD1TOH  | 161     | 7   | 7   | B | B | JR4GPA   | 324,756   | 649   | 124 | A | B |
| BA1SY   | 45      | 5   | 5   | B | B | JA2AXB   | 158,790   | 335   | 134 | A | B |
| BG6ART  | 42      | 7   | 6   | B | B | JE6JNC   | 122,163   | 277   | 129 | A | B |
| BD4TZ   | 28      | 5   | 4   | B | B | JHØNEC   | 109,142   | 335   | 82  | A | B |
| BD4TS   | 91,008  | 360 | 64  | B | C | JO3PSJ   | 80,558    | 267   | 94  | A | B |
| BH3BBB  | 40      | 4   | 4   | B | C | JR3BOT   | 76,160    | 246   | 85  | A | B |
| BA4II/QRP   | 76,560  | 246 | 110 | C | A | JE8KGH/7                                       | 74,448    | 240   | 94  | A | B |
| BA4MY   | 225,082 | 482 | 143 | C | B | 8J2NDP/4                                       | 62,580    | 317   | 84  | A | B |
| BD5SO   | 208,926 | 439 | 146 | C | B | JJ1HFJ   | 60,813    | 201   | 87  | A | B |
| BD3OM   | 15,741  | 109 | 53  | C | B | JR3AAZ   | 52,992    | 150   | 128 | A | B |
| BH4LOS  | 2,460   | 37  | 20  | C | B | JH7RTQ   | 50,260    | 206   | 70  | A | B |
| BA1PK   | 1,836   | 28  | 27  | C | B | JK1NSR   | 48,223    | 171   | 83  | A | B |
| BG4HYK  | 1,830   | 42  | 15  | C | B | JH1FNU   | 44,943    | 195   | 71  | A | B |
| BA5FB   | 460     | 14  | 10  | C | B | JJ5HUD   | 34,272    | 146   | 68  | A | B |
| BA4CW   | 171     | 9   | 9   | C | B | JJ4ESI   | 33,840    | 131   | 80  | A | B |
| BD2RJ   | 48,200  | 244 | 50  | C | C | JAØBJY   | 21,372    | 111   | 52  | A | B |
| BD4FM   | 13,664  | 166 | 28  | C | C | JE7HYK   | 19,768    | 107   | 56  | A | B |
| BD4GNV  | 207,744 | 461 | 128 | D | C | 7M1MCY   | 18,648    | 104   | 63  | A | B |
| B4S (BD4SX, op)   |         |     |     |   |   | JH1OES   | 8,085     | 75    | 49  | A | B |
|   | 201,015 | 485 | 135 | D | C | JK1FUP   | 5,340     | 54    | 30  | A | B |
| BD3MH   | 130,501 | 429 | 103 | D | C | JJ1BBN   | 5,075     | 49    | 35  | A | B |
| BY6LY (BA6IV, BD6ICK, BD6JPV, BG6IZP,<br>BG6LAP, BG6LAB, ops) | 96,162  | 391 | 94  | D | C | 7L3DGP   | 4,725     | 47    | 35  | A | B |
| BY1QH (BA1SN, BD1NAL, + ops)                                  | 64,885  | 237 | 95  | D | C | JE1REU   | 4,648     | 58    | 28  | A | B |
| BD4CQ   | 62,608  | 322 | 52  | D | C | JS3LSQ   | 3,808     | 40    | 28  | A | B |
| BD4KYA  | 38,308  | 212 | 61  | D | C | JF1PYJ   | 3,696     | 42    | 28  | A | B |
| BD7BW   | 26,598  | 135 | 66  | D | C | JJ4CDW   | 3,666     | 48    | 39  | A | B |
| BD6AHU  | 10,962  | 85  | 42  | D | C | JN1BBO   | 3,090     | 41    | 30  | A | B |
| BD4DYH  | 9,338   | 71  | 46  | D | C | JO3RCK   | 2,268     | 35    | 36  | A | B |
| BD7PTS  | 2,678   | 37  | 26  | D | C | JA7LLL   | 2,220     | 33    | 20  | A | B |
| BA4SD   | 2,295   | 35  | 27  | D | C | JJ1UDD   | 1,540     | 29    | 20  | A | B |
| BD4QA   | 1,674   | 29  | 18  | D | C | JA8CEA   | 912       | 17    | 16  | A | B |
| BD1UUK  | 176     | 8   | 8   | D | C | JK2VOC   | 874       | 26    | 19  | A | B |
| <b>Hong Kong</b>  |         |     |     |   |   | 7N4DNM   | 540       | 15    | 12  | A | B |
| VR2XMT  | 299,052 | 801 | 108 | B | C | JE1HTV   | 539       | 15    | 11  | A | B |
| VR2YYW  | 201,759 | 547 | 109 | B | C | JE1GZB   | 330       | 12    | 11  | A | B |
| VR2PX   | 212,848 | 538 | 106 | C | B | JH8CLC/7                                       | 50        | 10    | 5   | A | B |
| VR2XMC  | 8,528   | 82  | 26  | D | C | JRØBUL   | 24        | 6     | 4   | A | B |
| VR2UNG  | 4,464   | 70  | 18  | D | C | JR1AIB (JH5GHM, op)                            | 940,103   | 1,215 | 193 | A | C |
| <b>South Korea</b>  |         |     |     |   |   | JA7COI   | 194,535   | 417   | 131 | A | C |
| DS2GOO  | 3,700   | 50  | 37  | A | B | JR2PMT   | 188,136   | 346   | 156 | A | C |
| DS2CYI  | 41,860  | 212 | 70  | B | B | JJ1ALP   | 150,290   | 314   | 133 | A | C |
| DS5TOS  | 41,154  | 232 | 57  | B | B | JH1ACA   | 82,621    | 291   | 77  | A | C |
| 6K5BXQ  | 3,534   | 44  | 31  | C | B | JA6BWH   | 45,414    | 162   | 87  | A | C |
| DS5DNO  | 239,200 | 552 | 130 | C | C | JR2ECF   | 39,943    | 163   | 59  | A | C |
| HL5UOG  | 47,814  | 195 | 78  | C | C |  |           |       |     |   |   |

|          |         |     |     |   |   |          |         |     |     |   |   |
|----------|---------|-----|-----|---|---|----------|---------|-----|-----|---|---|
| JE2BOM   | 34,200  | 144 | 76  | A | C | JA6FFK   | 134,289 | 289 | 129 | C | B |
| JA2XLV   | 27,918  | 149 | 54  | A | C | JG1RZH   | 125,788 | 290 | 118 | C | B |
| JA7DOT   | 24,831  | 107 | 89  | A | C | JF1KML   | 121,797 | 297 | 117 | C | B |
| JJ2PUG   | 19,720  | 108 | 58  | A | C | JA3JM    | 117,150 | 295 | 110 | C | B |
| JH8CXW   | 12,502  | 90  | 47  | A | C | JN1MSO   | 111,618 | 286 | 117 | C | B |
| JA7ZP    | 5,577   | 55  | 33  | A | C | JA1CP    | 100,607 | 263 | 109 | C | B |
| JA7OWD   | 1,136   | 25  | 16  | A | C | JA2KKA   | 96,444  | 255 | 108 | C | B |
| JH0CCK   | 1,120   | 20  | 20  | A | C | JO1QZI   | 81,500  | 243 | 100 | C | B |
| JJ5GSY   | 555     | 15  | 15  | A | C | JG3CQJ   | 80,348  | 216 | 106 | C | B |
| JF1AZQ   | 517     | 17  | 11  | A | C | JH7IXX   | 69,872  | 242 | 88  | C | B |
| JA2MWV   | 25,092  | 117 | 68  | B | A | JF3NKA   | 67,166  | 276 | 71  | C | B |
| JJ3CJO   | 2,310   | 32  | 21  | B | A | JA1AZR   | 62,220  | 198 | 85  | C | B |
| JO7FGZ/1 | 230     | 11  | 10  | B | A | JA6ELV   | 58,014  | 182 | 99  | C | B |
| JR2EKD/9 | 1       | 1   | 1   | B | A | JA1HNW   | 50,480  | 173 | 80  | C | B |
| JM1UTT   | 128,010 | 331 | 102 | B | B | JA9TSI   | 49,511  | 171 | 77  | C | B |
| JA9TQY   | 66,785  | 205 | 95  | B | B | JH0EPI   | 44,450  | 175 | 70  | C | B |
| 7N2UQC   | 50,670  | 167 | 90  | B | B | JA1IZ    | 39,263  | 139 | 79  | C | B |
| JG5UWK   | 26,588  | 119 | 68  | B | B | JA2PFO   | 34,952  | 142 | 68  | C | B |
| JF1DWJ   | 8,568   | 62  | 42  | B | B | JF1VNR   | 34,928  | 134 | 74  | C | B |
| JA3KKE   | 5,280   | 53  | 32  | B | B | JA5NSR   | 27,918  | 119 | 66  | C | B |
| JE1CWQ   | 4,756   | 50  | 29  | B | B | JH7FUJ   | 27,645  | 103 | 97  | C | B |
| JA1VGV   | 4,257   | 41  | 33  | B | B | JF2FIU   | 25,500  | 180 | 50  | C | B |
| JF1GZZ   | 3,861   | 43  | 33  | B | B | JA2GHP   | 22,272  | 112 | 58  | C | B |
| JA1KK    | 3,600   | 38  | 30  | B | B | JR2AWS   | 22,165  | 105 | 65  | C | B |
| JJ1HHJ   | 3,567   | 43  | 29  | B | B | JA7CPW   | 21,717  | 111 | 57  | C | B |
| JM3QIS   | 3,450   | 41  | 30  | B | B | JG2KKG   | 21,375  | 187 | 25  | C | B |
| JA3BBG   | 3,150   | 40  | 25  | B | B | JH1HMC   | 21,216  | 110 | 52  | C | B |
| JA7ADV   | 3,059   | 31  | 23  | B | B | JO1WIZ   | 21,038  | 106 | 67  | C | B |
| JA1LPQ   | 2,280   | 33  | 24  | B | B | JH1MTR/4 | 20,475  | 117 | 63  | C | B |
| JH6VXF   | 1,911   | 31  | 21  | B | B | JP1HUJ   | 20,352  | 108 | 48  | C | B |
| JR1MRG   | 1,140   | 22  | 19  | B | B | JA2JWH   | 18,040  | 114 | 44  | C | B |
| JS6SRY   | 840     | 18  | 14  | B | B | JA4BDY   | 13,392  | 81  | 48  | C | B |
| JG1GCO   | 560     | 16  | 14  | B | B | JH1NXU   | 11,616  | 73  | 44  | C | B |
| JN4VWH   | 495     | 15  | 11  | B | B | JF1ROR   | 9,880   | 87  | 40  | C | B |
| JK1BII   | 441     | 15  | 9   | B | B | JG1UQJ   | 7,920   | 58  | 36  | C | B |
| JA1LBZ   | 260     | 10  | 10  | B | B | JF1TEU   | 7,704   | 62  | 36  | C | B |
| JN1DNV   | 192     | 10  | 8   | B | B | JA5INF/1 | 7,700   | 60  | 35  | C | B |
| JE1QCL/1 | 90      | 5   | 6   | B | B | JA3GW    | 6,346   | 53  | 38  | C | B |
| JO1CAH   | 52      | 5   | 4   | B | B | JN7KRH   | 5,952   | 50  | 32  | C | B |
| JA1POS   | 3       | 1   | 1   | B | B | JE1RRK   | 5,658   | 66  | 23  | C | B |
| JK1DTK   | 1       | 1   | 1   | B | B | JA3AHY   | 5,487   | 53  | 31  | C | B |
| JQ1BVI   | 213,994 | 411 | 142 | B | C | JF0EBM   | 5,372   | 50  | 34  | C | B |
| JA7BEW   | 30,083  | 135 | 67  | B | C | 7N4QCQ   | 5,022   | 50  | 31  | C | B |
| JA3LEZ   | 28,261  | 123 | 59  | B | C | JA7ARW   | 4,776   | 53  | 24  | C | B |
| JA8ECS   | 26,352  | 136 | 54  | B | C | JF7GDF   | 4,680   | 72  | 20  | C | B |
| JA9CCG   | 19,215  | 101 | 63  | B | C | JL8LTI   | 3,650   | 42  | 25  | C | B |
| JE6HUR   | 11,236  | 70  | 53  | B | C | JA0IND/1 | 2,925   | 35  | 25  | C | B |
| JA3FRI   | 7,320   | 57  | 40  | B | C | JA1CPZ   | 2,507   | 31  | 23  | C | B |
| JG3KMT   | 4,030   | 44  | 31  | B | C | JJ1HNC   | 2,470   | 32  | 19  | C | B |
| JH7KTI   | 1,426   | 26  | 23  | B | C | JH1RRP   | 2,450   | 34  | 25  | C | B |
| JR1NKN   | 79,672  | 258 | 92  | C | A | JM1LFA   | 1,564   | 28  | 17  | C | B |
| JG1EIQ   | 61,321  | 219 | 89  | C | A | JA0UPW   | 1,476   | 26  | 18  | C | B |
| JH1GNU   | 26,156  | 131 | 52  | C | A | JA2AYP   | 1,400   | 28  | 20  | C | B |
| JG1SPS   | 2,235   | 35  | 15  | C | A | JJ7JIH   | 1,368   | 26  | 19  | C | B |
| JM1KLO   | 2,139   | 31  | 23  | C | A | JG1SWV   | 1,280   | 22  | 20  | C | B |
| JA0VTK   | 1,425   | 25  | 19  | C | A | JR2LBF   | 1,224   | 28  | 12  | C | B |
| JO1EEQ   | 1,140   | 36  | 15  | C | A | JJ3FSI   | 1,122   | 24  | 17  | C | B |
| JE1ILP   | 1,116   | 20  | 18  | C | A | JA4AQR   | 1,044   | 21  | 12  | C | B |
| JG1BGT   | 176     | 10  | 11  | C | A | JA7AXP   | 1,037   | 19  | 17  | C | B |
| JK3AHS   | 132     | 10  | 6   | C | A | JA7FYU   | 896     | 22  | 14  | C | B |
| JA8CXX   | 5       | 1   | 1   | C | A | JA1HG    | 765     | 17  | 17  | C | B |
| JA4GNK   | 4       | 2   | 2   | C | A | JA1JCN   | 455     | 15  | 13  | C | B |
| JA2CUS   | 368,676 | 588 | 171 | C | B | JR7ASO   | 420     | 16  | 10  | C | B |
| JJ3BFC   | 348,160 | 594 | 160 | C | B | JG2KFI   | 216     | 9   | 8   | C | B |
| JS1OYN   | 287,245 | 567 | 145 | C | B | JJ7OED/7 | 208     | 22  | 8   | C | B |
| JA1BJI   | 215,156 | 434 | 149 | C | B | JH8DBJ   | 25      | 5   | 5   | C | B |
| JF3BFS   | 141,989 | 405 | 107 | C | B | JA9XAT/2 | 4       | 2   | 2   | C | B |

|                                      |         |       |     |   |   |  |           |       |     |   |   |
|--------------------------------------|---------|-------|-----|---|---|--|-----------|-------|-----|---|---|
| JF1SQC                               | 572,600 | 824   | 175 | C | C | DU2XXA   | 23,684    | 108   | 62  | B | B |
| JA9CWJ                               | 267,057 | 451   | 157 | C | C | DU1JI  | 14,180    | 149   | 20  | B | B |
| JG3LGD                               | 204,678 | 357   | 166 | C | C | DU1IVT   | 237,846   | 535   | 98  | B | C |
| JJ1NYH                               | 122,322 | 300   | 111 | C | C | DX1X (DV1UD, op)                                     |           |       |     |   |   |
| JA1AYO                               | 107,696 | 272   | 106 | C | C |  | 94,500    | 333   | 60  | C | B |
| JA1QOW                               | 103,424 | 276   | 101 | C | C | DV1/JO7KMB   | 264,160   | 458   | 130 | C | C |
| JH8GEU                               | 101,439 | 245   | 117 | C | C |  |           |       |     |   |   |
| JG6JAV                               | 96,360  | 298   | 110 | C | C | <b>Zone 51</b>                                       |           |       |     |   |   |
| JA7BME                               | 64,288  | 186   | 98  | C | C | <b>Indonesia</b>                                     |           |       |     |   |   |
| JA7KY                                | 58,368  | 156   | 152 | C | C | YB9WZJ   | 6,912     | 58    | 32  | D | C |
| JH0OXS                               | 53,108  | 186   | 71  | C | C | <b>Zone 52</b>                                       |           |       |     |   |   |
| JA3DAY                               | 31,872  | 130   | 64  | C | C | <b>Angola</b>  |           |       |     |   |   |
| JJ0JML                               | 13,288  | 82    | 44  | C | C | D2QMN  | 1,003     | 21    | 17  | B | B |
| JF3PNQ                               | 9,350   | 85    | 34  | C | C | <b>Zone 54</b>                                       |           |       |     |   |   |
| JA7MJ                                | 5,106   | 57    | 46  | C | C | <b>East Malaysia</b>                                 |           |       |     |   |   |
| JI5NWQ                               | 4,830   | 44    | 35  | C | C | 9M6WST   | 7,722     | 68    | 27  | B | B |
| JA1HMK                               | 1,292   | 22    | 19  | C | C | 9M6LSC   | 170,163   | 517   | 73  | B | C |
| JA1DM                                | 750     | 18    | 15  | C | C | 9M6YBG   | 6,818     | 103   | 14  | C | C |
| JE1KNT                               | 572     | 16    | 13  | C | C | 9M6SDX (9M6RHM, 9W6DAD, 9W6JLO, 9W6LLK, 9W6MID, ops) | 118,342   | 332   | 79  | D | C |
| JA0FVU                               | 526,618 | 754   | 179 | D | C | <b>Indonesia</b>                                     |           |       |     |   |   |
| JJ2ZJS (JG2TSL, JL2TAW, JA1OJE, ops) | 506,376 | 820   | 156 | D | C | YB2LSR   | 107,640   | 292   | 90  | A | B |
| JM4WUZ                               | 124,928 | 296   | 128 | D | C | YB3IZK   | 22,770    | 133   | 46  | A | B |
| JF2IWL                               | 79,950  | 271   | 82  | D | C | YB0MZI/4 (YB0MZI/4,)                                 |           |       |     |   |   |
| JA2FSM                               | 64,320  | 216   | 96  | D | C |  | 2,856     | 38    | 21  | B | A |
| JO4CTB                               | 41,656  | 160   | 82  | D | C | YB0MWM   | 128,440   | 268   | 130 | B | B |
| JA4OPW (+ Spotting Assistance)       | 40,400  | 155   | 80  | D | C | YC6JRT   | 74,528    | 258   | 68  | B | B |
| JA3PYC                               | 35,632  | 140   | 68  | D | C | YB1FWO   | 39,840    | 182   | 60  | B | B |
| JH1RFM                               | 19,272  | 110   | 44  | D | C | YB6DE  | 34,086    | 177   | 46  | B | B |
| JS1IFK                               | 10,241  | 83    | 49  | D | C | YB1UUN   | 30,375    | 123   | 75  | B | B |
| JH1GBO                               | 7,640   | 61    | 40  | D | C | YB7SKM   | 18,630    | 102   | 45  | B | B |
| JH2FXK                               | 6,409   | 57    | 29  | D | C | YB1TJ  | 10,050    | 67    | 50  | B | B |
| JF1DAJ                               | 3,277   | 39    | 29  | D | C | YC0OST   | 4,884     | 50    | 33  | B | B |
| JA2VHO                               | 2,668   | 38    | 23  | D | C | YE3JT  | 3,596     | 38    | 31  | B | B |
| JH6WHN                               | 300     | 12    | 6   | D | C | YC1BRS   | 1,728     | 28    | 18  | B | B |
| JL3WSL                               | 228     | 12    | 6   | D | C | YD1EGP   | 1,548     | 26    | 18  | B | B |
| <b>Ogasawara</b>                     |         |       |     |   |   | YB1BGI   | 767       | 17    | 13  | B | B |
| JD1BIA                               | 3,020   | 53    | 20  | A | B | YF1FTK   | 160       | 8     | 8   | B | B |
| <b>Zone 49</b>                       |         |       |     |   |   | YB0COU   | 128       | 8     | 8   | B | B |
| <b>Thailand</b>                      |         |       |     |   |   | YD2TDA   | 27        | 3     | 3   | B | B |
| E21EIC                               | 864,745 | 1,111 | 217 | A | B | YC1LA  | 116,928   | 430   | 58  | B | C |
| HS3ANP                               | 5,221   | 61    | 23  | A | B | YB0BCU   | 58,351    | 225   | 59  | B | C |
| HS8FLU                               | 14      | 4     | 1   | A | B | YC1KI  | 19,304    | 122   | 38  | B | C |
| HS0ZCW                               | 10,758  | 88    | 33  | A | C | YB7XO  | 79,872    | 286   | 64  | C | B |
| E20YLM                               | 17,334  | 103   | 54  | B | B | YC1BTJ   | 74,428    | 205   | 92  | C | B |
| E21YDP                               | 41,030  | 200   | 55  | C | B | YC2YTH   | 72,592    | 194   | 104 | C | B |
| HS3LSE                               | 21,504  | 110   | 56  | C | B | YC2WWW   | 29,184    | 172   | 38  | C | B |
| E27EK                                | 4,433   | 79    | 13  | C | B | YB1KAR   | 9,940     | 83    | 28  | C | C |
| HS8JYX                               | 2,489   | 35    | 19  | C | B | YB1C (YB1AR, YB1AD, YB1LZ, YB1ALL, ops)              |           |       |     |   |   |
| E20UPZ (E21YDP, op)                  | 2,037   | 29    | 21  | C | B |  | 825,988   | 1,193 | 148 | D | C |
| HS0ZDY                               | 155,958 | 340   | 139 | C | C | YC2FAJ   | 4,860     | 48    | 30  | D | C |
| HS0ZEE                               | 2,616   | 39    | 24  | C | C | YB1AQD   | 3,484     | 38    | 26  | D | C |
| <b>Vietnam</b>                       |         |       |     |   |   | <b>Singapore</b>                                     |           |       |     |   |   |
| XV1X                                 | 7,350   | 85    | 30  | D | C | 9V1YC (+ N6TR)                                       |           |       |     |   |   |
| <b>Zone 50</b>                       |         |       |     |   |   |  | 1,955,066 | 1,800 | 277 | D | C |
| <b>Philippines</b>                   |         |       |     |   |   | <b>West Malaysia</b>                                 |           |       |     |   |   |
| DU7RH                                | 16,826  | 98    | 47  | A | B | 9M2/SQ9UM  | 379,440   | 882   | 102 | A | B |
| DU7HF                                | 48      | 4     | 3   | A | B | 9W2WWW   | 2,875     | 39    | 25  | B | B |
| DU1EV                                | 6,555   | 67    | 23  | A | C | 9W2VVH   | 663       | 19    | 17  | B | B |
| DV1JM                                | 88,075  | 297   | 65  | B | B | 9W2GEO   | 280       | 11    | 8   | B | B |
| DU1LC                                | 59,664  | 265   | 48  | B | B | 9W2JDD   | 12        | 2     | 2   | B | B |

|        |         |     |     |   |   |
|--------|---------|-----|-----|---|---|
| 9W2SBD | 4       | 2   | 2   | B | B |
| 9M2CQC | 264,872 | 688 | 113 | B | C |
| 9M2ZAK | 35,002  | 226 | 43  | C | B |
| 9M2AZ  | 4,131   | 47  | 27  | C | B |
| 9M2MT  | 359,832 | 778 | 116 | C | C |

### Zone 55

#### Australia

|                    |           |       |     |   |   |
|--------------------|-----------|-------|-----|---|---|
| VK4CT (VK4EMM, op) | 1,519,658 | 1,594 | 203 | A | C |
| VK4ATH             | 6,747     | 51    | 39  | B | A |
| VK4DMP             | 20,299    | 109   | 53  | B | B |
| VK4QH              | 166,697   | 433   | 89  | B | C |
| VK4VI              | 39,578    | 142   | 77  | B | C |
| VK4KDX             | 29,946    | 129   | 62  | B | C |
| VK4HG              | 9,881     | 65    | 41  | B | C |
| VK8AV              | 45,117    | 151   | 81  | C | B |
| VK4TT              | 15,480    | 90    | 43  | C | B |
| VK4SN              | 2,106     | 38    | 13  | C | C |

### Zone 57

#### Namibia

|       |         |     |     |   |   |
|-------|---------|-----|-----|---|---|
| V51YJ | 229,296 | 498 | 102 | C | B |
|-------|---------|-----|-----|---|---|

#### South Africa

|        |         |     |    |   |   |
|--------|---------|-----|----|---|---|
| ZS2NF  | 6,478   | 62  | 41 | A | B |
| ZS6ELI | 36      | 6   | 6  | B | B |
| ZS3Y   | 186,677 | 505 | 79 | B | C |
| ZS5NK  | 11,800  | 74  | 50 | B | C |
| ZS2EC  | 1,972   | 24  | 17 | D | C |

### Zone 58

#### Australia

|                   |           |       |     |   |   |
|-------------------|-----------|-------|-----|---|---|
| VK6NC (VK6WX, op) | 228,816   | 403   | 144 | B | C |
| VK6DXI            | 1,001,870 | 1,147 | 190 | C | C |

### Zone 59

#### Australia

|                   |           |       |     |   |   |
|-------------------|-----------|-------|-----|---|---|
| VK3YR             | 9,000     | 66    | 45  | A | B |
| VK2ACC            | 1,840     | 28    | 23  | A | C |
| VK5PAS            | 55,280    | 185   | 80  | B | B |
| VK2CZ             | 26,000    | 116   | 65  | B | B |
| VK3NRW            | 2,592     | 34    | 27  | B | B |
| VK2AXX            | 63        | 7     | 7   | B | B |
| VK7ZX (VK7ZE, op) | 985,800   | 1,356 | 159 | B | C |
| VK3FM             | 20,286    | 92    | 63  | C | B |
| VK2IM             | 1,061,948 | 1,278 | 178 | C | C |
| VK2PN             | 32,190    | 192   | 37  | C | C |
| VK2RSG (+ VK2KDP) | 7,830     | 66    | 29  | D | C |
| VK2IO             | 198       | 9     | 6   | D | C |

### Zone 60

#### New Zealand

|                   |         |     |     |   |   |
|-------------------|---------|-----|-----|---|---|
| ZL2MM             | 5,040   | 48  | 30  | B | B |
| ZL2HAM            | 62,795  | 181 | 95  | B | C |
| ZL2TZE            | 7,080   | 55  | 40  | B | C |
| ZL3TE (W3SE, op)  | 538,704 | 978 | 116 | C | C |
| ZM4G (ZL2IFB, op) | 157,356 | 378 | 94  | C | C |
| ZL2J              | 59,334  | 227 | 58  | C | C |
| ZL1T (ZL1ANH, op) | 175,489 | 381 | 113 | D | C |

|        |        |     |    |   |   |
|--------|--------|-----|----|---|---|
| ZL3PAH | 26,065 | 109 | 65 | D | C |
| ZL1GKB | 870    | 16  | 15 | D | C |

### Zone 61

#### Hawaii

|                  |           |       |     |   |   |
|------------------|-----------|-------|-----|---|---|
| KH6LC (NH6V, op) | 1,490,580 | 1,844 | 169 | B | B |
| KH6CJJ           | 141,204   | 378   | 82  | B | B |
| KH6XL            | 4,752     | 46    | 27  | B | B |
| NH7PE            | 495       | 13    | 9   | B | B |
| KH6/AA1LC        | 325,808   | 637   | 112 | B | C |
| WH7Z (WØCN, op)  | 96,084    | 912   | 34  | B | C |
| NH6WZ            | 9,792     | 70    | 34  | B | C |
| KH6CS            | 3,247     | 45    | 17  | C | A |
| WH7M (K1YR, op)  | 1,667,079 | 2,017 | 171 | C | C |
| AH6RR            | 28,840    | 133   | 56  | D | C |

### Zone 62

#### S. Cook Islands

|                    |         |       |     |   |   |
|--------------------|---------|-------|-----|---|---|
| E51TAI (W6TAI, op) | 671,145 | 1,371 | 101 | B | C |
|--------------------|---------|-------|-----|---|---|

### Zone 64

#### Palau

|                  |         |     |     |   |   |
|------------------|---------|-----|-----|---|---|
| T88YT (K4YT, op) | 148,837 | 327 | 107 | B | C |
|------------------|---------|-----|-----|---|---|

#### Administrative Council Stations

|                        |           |       |     |    |   |
|------------------------|-----------|-------|-----|----|---|
| SM6CNN                 | 1,704,048 | 1,982 | 262 | R1 | C |
| NB2T (PB2T N8IVN WX3B) | 1,422,450 | 2,019 | 218 | AC | C |
| YV5AM (YV5AM, YV5KG)   | 1,010,844 | 1,269 | 172 | R2 | C |
| XE1KK                  | 833,248   | 1,218 | 208 | AC | C |
| G3PSM                  | 243,300   | 558   | 150 | R1 | C |
| JA1CJP                 | 223,392   | 472   | 156 | R2 | C |
| HB9JOE                 | 150,054   | 369   | 178 | R1 | C |
| PT2ADM                 | 124,841   | 265   | 127 | R2 | C |
| 9A5W                   | 111,312   | 530   | 72  | R1 | C |
| CE3PG                  | 93,176    | 296   | 76  | R2 | C |
| VE6SH                  | 39,292    | 292   | 47  | AC | C |
| LA2RR                  | 20,056    | 108   | 92  | AC | C |
| 9Y4X                   | 18,424    | 102   | 49  | R2 | C |
| VU2GMN                 | 12,985    | 77    | 53  | R2 | C |
| DL9KCE                 | 6,288     | 67    | 48  | R1 | C |
| LZ5ØUS (LZ1US, op)     | 3,096     | 68    | 18  | R1 | C |
| JE1MUI                 | 4         | 2     | 2   | R2 | C |

#### HQ Stations

|        |            |        |     |   |   |
|--------|------------|--------|-----|---|---|
| TMØHQ  | 28,025,946 | 17,048 | 507 | 1 | C |
| EFØHQ  | 26,919,279 | 15,857 | 493 | 1 | C |
| DAØHQ  | 25,279,410 | 21,485 | 530 | 1 | C |
| GO2HQ  | 22,440,108 | 15,136 | 474 | 1 | C |
| IOxHQ  | 22,379,979 | 17,031 | 503 | 1 | C |
| R3HQ   | 22,312,448 | 13,889 | 512 | 1 | C |
| OL2HQ  | 22,262,882 | 15,433 | 514 | 1 | C |
| S5ØHQ  | 19,645,892 | 14,214 | 491 | 1 | C |
| YTØHQ  | 19,591,882 | 14,580 | 491 | 1 | C |
| SNØHQ  | 19,515,470 | 15,929 | 494 | 1 | C |
| 9A2ØHQ | 17,200,566 | 13,518 | 457 | 1 | C |
| YRØHQ  | 16,698,825 | 13,039 | 495 | 1 | C |
| EM5HQ  | 16,600,064 | 11,636 | 464 | 1 | C |
| LZ7HQ  | 14,594,342 | 11,492 | 469 | 1 | C |
| LRxF   | 13,371,060 | 7,602  | 370 | 1 | C |

|                    |            |        |     |   |   |
|--------------------|------------|--------|-----|---|---|
| LX75HQ             | 12,713,736 | 10,008 | 399 | 1 | C |
| LY0HQ              | 12,003,762 | 9,710  | 417 | 1 | C |
| HG0HQ              | 11,397,320 | 9,801  | 440 | 1 | C |
| LN2HQ              | 9,978,045  | 8,643  | 371 | 1 | C |
| HB9HQ              | 9,878,762  | 9,679  | 394 | 1 | C |
| OZ1HQ              | 9,149,870  | 7,620  | 383 | 1 | C |
| OP0HQ              | 8,345,625  | 6,869  | 375 | 1 | C |
| ER7HQ              | 8,019,935  | 7,491  | 385 | 1 | C |
| W1AW/7             | 7,830,256  | 8,320  | 302 | 1 | C |
| SX0HQ              | 7,823,765  | 8,227  | 395 | 1 | C |
| E70ARA             | 7,518,592  | 6,884  | 389 | 1 | C |
| YL4HQ              | 7,021,839  | 6,457  | 389 | 1 | C |
| NU1AW/9            | 6,358,623  | 7,375  | 339 | 1 | C |
| XR3HQ              | 6,285,160  | 4,759  | 280 | 1 | C |
| OH0HQ              | 6,149,430  | 6,316  | 315 | 1 | C |
| 8NxHQ              | 6,137,523  | 7,301  | 333 | 1 | C |
| BxHQ               | 5,224,240  | 4,738  | 280 | 1 | C |
| SK9HQ              | 4,887,240  | 5,270  | 293 | 1 | C |
| UN1HQ              | 4,649,084  | 3,514  | 314 | 1 | C |
| CX1AA              | 4,422,744  | 3,066  | 318 | 1 | C |
| 9K9HQ              | 4,358,720  | 3,544  | 265 | 1 | C |
| ZZ7HQ              | 4,302,432  | 3,199  | 288 | 1 | C |
| OE1A               | 3,985,820  | 3,953  | 340 | 1 | C |
| ZL6HQ              | 3,296,345  | 2,933  | 235 | 1 | C |
| TC50HQ             | 2,779,616  | 2,675  | 224 | 1 | C |
| AT1HQ              | 2,460,772  | 2,385  | 236 | 1 | C |
| 9Y4HQ              | 1,689,852  | 1,743  | 212 | 1 | C |
| HD2A               | 1,658,426  | 2,257  | 154 | 1 | C |
| YE0HQ              | 1,543,310  | 2,070  | 157 | 1 | C |
| VY2RAC             | 978,310    | 1,489  | 190 | 1 | C |
| HL0HQ              | 746,595    | 1,609  | 141 | 1 | C |
| DX0HQ              | 738,000    | 1,260  | 123 | 1 | C |
| 6D0LM              | 477,202    | 1,340  | 109 | 1 | C |
| ZF1A               | 470,372    | 1,310  | 107 | 1 | C |
| ZS9HQ              | 347,420    | 590    | 145 | 1 | C |
| PI4HQ (PG2AA, op)  |            |        |     |   |   |
|                    | 281,070    | 698    | 135 | 1 | C |
| TG0AA (TG9ANF, op) |            |        |     |   |   |
|                    | 257,796    | 1,136  | 66  | 1 | C |
| HS0AC (OZ1HET, op) |            |        |     |   |   |
|                    | 144,256    | 364    | 112 | 1 | C |
| JU1HQ              | 121,662    | 641    | 54  | 1 | C |
| YV5AJ (YV5JBI, op) |            |        |     |   |   |
|                    | 118,650    | 356    | 75  | 1 | C |
| 9M4DXX             | 106,500    | 368    | 75  | 1 | C |
| ZP5AA              | 82,404     | 332    | 54  | 1 | C |
| HB0HQ              | 54,963     | 241    | 93  | 1 | C |
| VR2HK              | 21,300     | 119    | 60  | 1 | C |

## HQ Station Operators

**6DØLM:** XE1GR, XE1HG, XE1GZU, XE1GXG, XE1GLL, XE1FFZ, XE1FXF, XE1GRR, XE2X, ops

**8NxHQ:** 7K4DHB, 7N4TJR, JA1ALT, JA1BPA JA1CCO, JA1HGY, JA1TRC, JG1ILF, JG1VGX, JH1AJT, JJ1CBY, JK1KSB, JK1MZT, JM1LPN, JR1CBC, JG3KIV, JH3AIU, JR3IXB, JE4MHL, JF3NRI, JF4ETK, JH4CES JH4IFF, JH4NMT, JH4UTP, JH4WBY, JR4ISF, JR4OZR, JS1PWV, JA8CDT, JE8KKX, JH8SLS, JR8VSE, ops

**9A2ØHQ:** 9A1AA, 9A2AE, 9A2AJ, 9A2AY, 9A2EU, 9A2NA, 9A2NO, 9A2R, 9A2SW, 9A2UK, 9A2VJ, 9A3AG, 9A3BIM, 9A3DF, 9A3IH, 9A3K, 9A3LG, 9A3MR, 9A3NM, 9A3PF, 9A4FM, 9A4GD, 9A4KJ, 9A4OP, 9A4QV, 9A4WY, 9A5ADH, 9A5BTV, 9A5CW, 9A5MR, 9A5TO, 9A5WA, 9A6D, 9A7DX, 9A7GQT, 9A7KNB, 9A7R, 9A8BEN, 9A8CW, 9A8MM, ops

**9K9HQ:** 9K2OK, 9K2YM 9K2HR, 9K2RO, 9K2SR, 9K2KH, 9K2RR, 9K2RS, 9K2/SP4R, 9K2RX, 9K2MY, ops

**9Y4HQ:** 9Y4W, 9Y4J, 9Y4NW, ops

**AT1HQ:** VU2ABS, VU2BGS, VU2CDP, VU3DJQ, VU2NKS, VU2PAI, VU2PTT, VU2RCT, VU2TS, ops

**BxHQ:** BA1AAX, BA1RB, BD1BYV, BD1QXU, BG3PQG, BA3CE BA4SD, BA4SI, BA4WI, BA4XX, BD4SN, BD5RV, BG4HRM, BH4RQU, BH4SGR, BH4SHG, BH4SQE, JE2LPC, BA6IT, BD6IQD, BD6PA, BA7HA BA7IN, BA7IP BA7JC BA7JS BA7MY BA7NO, BD7IXG, BD7KBH, BD7LMD, BD9DM, VR2JK, VR2KW, ops

**CX1AA:** CX1AZ, CX1CAN, CX2ACB, CX2AL, CX2CC, CX2BJ, CX2DK, CX2SC, CX4BW, CX4AD, CX4DX, CX5BBB, CX5CBA, CX5CJ, CX5TR, CX7AF, CX7CO, CX7ACH, CX8CAG, CX9BP, ops

**DAØHQ:** DC8SG, DD2ML, DF2CK, DF3CB, DF7ZS, DF9IU, DF9ZP, DGØOHC, DGØOKW, DG1ATN, DG1CMZ, DH1DX, DH1NAX, DH1NFJ, DH7WW, DJ1YFK, DJ2BQ, DJ2HD, DJ2MX, DJ2QV, DJ6TF, DJ7TO, DJ9AO, DJ9KM, DK1BT, DK2CX, DK3DM, DK4AA, DK4WA, DK5II, DK5PD, DK7AH, DK7YY, DK8YY, DK8ZB, DK9VZ, DL1AOB, DL1AUZ, DL1AWD, DL1AWI, DL1DTL, DL1DVE, DL1ELY, DL2AMC, DL2ARD DL2SAX, DL3ABL, DL3ALI, DL3DXX, DL3JJ, DL3KO, DL3MXX, DL3YM, DL4JS, DL4KQ, DL4MM, DL4UNY, DL5ANT, DL5AOJ, DL5AOL, DL5AXX, DL5CW, DL5GA, DL5LYM, DL5MLO, DL5SE, DL5XL, DL5XU, DL6JF, DL6SAK, DL6WT, DL7CH, DL7JV, DL7VOA, DL7ZZ, DL8AKI, DL8ALU, DL8AUA DL8LAS, DL8WAA, DL9AWI, DL9EE, DL9NDS, DM8YL, DO1CTL, PY2SEX, ops

**DXØHQ:** DW1SMK, DU1AV, DV1DG, DV1AVC, DV1SVZ, DU1XX, DW1UCX, DV1HF, DU1BP, DU1AJ, DU7DDJ, DX7NRD, ops

**E7ØARA:** E71A, E72HIM, E72SIE, E73QI, E73W, E74FN, E74WN, E75MC, E75A, E75M, E77EZ, E77FA, E79D, E79SD, ops

**EM5HQ:** UR4LRG, UR4QX, UR5ECW, UR5QA, UR5WMM, US1ITU, US2IR, US5WDX, UT1IR, UT1WZ, UT2IJ, UT2IU, UT2IV, UT2XQ, UT3IZ, UT3WX, UT4EO, UT5EL, UT7QF, UT8IO, UW1HM, UW1WU, UW2ZM, UW5ZM, UXØFF, UX2IO, UX7CQ, UYØZG, UY1HY, UY3QW, UY5VA, UY7MM, UZ5ZV, ops

**ER7HQ:** ER1DA, ER1BF, ER1FF, ER1LW, ER1OO, ER1RR, ER1SS, ER2RM, ER3AU, ER3CR, ER3ZZ, ER4DX, ER4LX, ER5AA, ER5CAA, ER5DX, ER5GB, ER5LL, ER5WU, ERØFEO, ERØFT, ops

**GO2HQ:** G3LZQ, GM3POI, GØDVJ, G4PIQ, G4FKA, G3ZVW, G6PZ, G5KC, 2EØWKZ, G6MC, G7TWC, G4MEM, G4RCD, MØLMH, G4BYG, G3VMW, G3SJJ, GM3WOJ, G3WGN, GJ4CBQ .MØKLO, GM4YXI, G4FNL, MIØLLL, EI3JZ, G4CLA, G4XUM, G3BJ, G3WPH, G4IRN, GØRPM, G4IUF, ops

**HBØHQ:** HBØWR & HB9DVZ, ops

**HB9HQ:** HB9BJL, HB9HVG, HB9QA, HB9AMC, HB9BQP, HB9BAT, HB9CRO, HB9BHW, HB9BHY HB9DLO, HB9FEW, HB9OMI, HB9OMZ, HB3YCN DJ3CQ, DL1II, DK2GP HB9OCR HB9BXE, HB9CPS, HB9CRV, HB9DDO, HB9FMU HB3YAA, HB3YAC, HB9CNY, HB9EOE, HB9EVK, HB9HVE, HB9TLF, HB9TVR, HB9UVU HB9DHG, HB9FBM HB9AAL, HB9BEI, HB9EXA, HB9EOU HB9BJL, HB9HVG, HB9QA, HB9AMC, HB9BQP, HB9BAT, HB9CRO, HB9BHW, HB9BHY HB9ELV, HB9EMP, HB9EPW, DF5MA, ops

**HD2A:** HC2AQ & HC2SL, ops

**HGØHQ:** HA3OC, HA3OD, HA3OU, HA1DRR, HA1ZN HA1ZZ, HA1XU, HA8VK, HA5GY, HA7MF, HA8ZO, HG1ZE, HA1XY, HA2QW, HA2MM, HA4FF, HA5MA, HA5BVG, HA7PL, HA5OV, HGØNPJ, HA6VH, HA6ZFA, HA6IHA, HA6BLI, HA6FQ, HA6VA, HA1RS, ops

**HLØHQ:** DS2AGH, HL1IWD, WX8C, OH6RX, ops

**IOxHQ:** DL7FER, I1HJT, I1NVU, I2WIJ, IK1QBT, IK1RQT, IK1SPR, IK1YDB, IV3BSY, IV3CWB, IW1ARB, IW1AYD, IW1FNW, IZ1GAR, IZ1LBG, I2BJS, IK2CIO, IK2JUB, IK2PFL, IZ2DII, I4EWH, I4FYF, IK4DCX, IK4GNI, IK4WMH, IZ4COW, IZ4NIC, IZ4UEZ, I4UFH, IK5AMB, IV3KKW, IW5EFX, IZ5DIY, IZ5EKV, IZ5EME, IK8UND, IZ8GCB, IZ8GCE, IZ8TDP, IT9ACN, IT9AUG, IT9BLB, IT9BUN, IT9CHU, IT9EJW, IT9EQO, IT9GAC, IT9MUO, IT9NJE, IT9PAD, IT9RZU, IT9VDQ, ops

**JU1HQ:** JT1CS & JT1DA, ops

**LN2HQ:** LA7VRA, LA6YEA, LA7AK, LA9BM, LA2AOA, LA5KO, LB1G, LA6FJA, LB8IB, LA9VDA, LA7GNA, LA2HFA, LA7WCA, ops

**LRxF:** LU7HN, LU7HF, LU4FPZ, LU6FEC, LU2FA, LU7FTS, LU9FEL, LU8FAU, LU5FGA, LU6FSA, LU5HM, LU2NI, LU3HY, LU5DX, LW5HR, LU7HE, LU5FF, LU1DK, LU4DX, LU7DR, LU8ADX, ops

**LX75HQ:** DC2VE, DC3RJ, DF1LON, DF3TS, DF9TS, DK5ON, DK7VW, DL1QW, DL3BPC, DL5KUT, DL8LR, HB9CVQ, LX1DUC, LX1HP, LX1KQ, LX1TI, LX2A, PC5A, PD9DX, F4DHQ, ops

**LYØHQ:** LY7M, LY4OO, LY2NI, LY2MM, LY5O, LY2DX, LY2XW, LY2MV, LY2J, LY2IJ, LY8O, LY2BAW, LY2VA, LY3X, LY4S, LY8X, ops

**LZ7HQ:** LZ1CL, LZ1DLZ, LZ1FY, LZ1GC, LZ1GEN, LZ1GL, LZ1JZ, LZ1KY, LZ1RAY, LZ1RF, LZ1TL, LZ1UK, LZ1UQ, LZ1VDR, LZ1VVV, LZ1YQ, LZ1ZD, LZ2DF, LZ2HM, LZ2HQ, LZ2II, LZ2JE, LZ2MTW, LZ2SC, LZ2WO, LZ3CQ, LZ3FM, LZ3RR, LZ3UA, LZ3ZZ, LZ4UU, ops

**NB2T:** PB2T N8IVN WX3B

**NU1AW/9:** WØAIH, KØTG, K9NW, KØTI, NE9U, WØUC, KB9S, WØGJ, KØMD, KG2A, K9MU, ACØW, WD9HFT, NM7X, K9OW, N9ISN, KB9OWD, KA9FOX, N9ISN, NØIJ, NØIM, AF9T, AAØAW, ops

**OE1A:** OE2WPO, OE3DSA, OE3KAB, OE8KDK, OE8SKQ, OM3ED, ops

**OHØHQ:** K3EST, OG9X, OHØJFB, OH1JT, OH2BH, OH2TA, OH2XX, OH6EI, OH6VM, OH6XX, ops

**OL2HQ:** OK1CDJ, OK1CW, OK1DF, OK1FIA, OK1VWK, OK6RA, OK1MY, OK1AWZ OK1AY, OK1AU, OK1BN, OK1GK, OK1NS, OK1VAO, OK1HMP, OK1FPS OK1CRM, OK1FCJ, OK1CF, OK1WF, OK5MM, OK2PP, OK2PTZ, OK7MT OK2BN, OK1RI, OK1RF, OK1FFU, OM6NM, OK1HRA, OK1MU, OK1RK OK2ZAW, OK1GI, OK1UG, OK1IUO, OK4PA, OK1FDR, OK1XQ, ops

**OPØHQ:** HJ3IHR, ON2LAH, ON4ADI, ON4ANE, ON4AQC, ON4CJK, ON4IA, ON4LDS, ON5CJ, ON5KDX, ON5OO, ON5PVH, ON5SM, ON6LEO, ON6LK, ON6ML, ON6NL, ON7EQ, ON7JA, ON7SS, ON7TG, ON7TK, ON7ZG, OO7J, OP4K, OP5T, ops

**OZ1HQ:** OZØJ, OZ1ADL, OZ1ANA, OZ1BII, OZ1FJB, OZ1IKY, OZ1JUX, OZ1KRF OZ1LCG, OZ1OM, OZ2BRN, OZ2DAN, OZ2TF, OZ2U, OZ3ABE OZ3MC, OZ4ABH, OZ4HT, OZ4VW, OZ5BD OZ6ABA, OZ6OM OZ7AM, OZ7QQ, OZ7YY, OZ8PG, OZ9CQ, ops

**R3HQ:** RW1A, RV1AW, RD1A, RN1A, RU1AA, UA1AKC, R2RA, RA1AP, R7LV, UA6LFQ, UA7C, RW4PL, UW7LL, RA4LW, RK3AW, RK3FM, RK3FT, RW3F, RM2U, RN2FA, UA2FB, UA2FF, UA2FM, RK4FD, UA4FER, UA4FMV, UA3ASZ, RL3FT, ops

**S5ØHQ:** S51D, S51DX, S51FB, S51Z, S51ZO, S52AW, S52ZW, S52EZ, S52X, S53F, S53ZO, S54O, S55HH, S55KZ, S55Z, S56P, S56ZAB, S57BM, S57DX, S57LR, S57M, S57Q, S57UN, S57Z, S59A, S59KW, S59MA, S5ØA,



S5ØK, S5ØR, S5ØU, S5ØXX, YT4RA, ops

**SK9HQ:** SMØW, SM5EPO, SM5F, SA7BUU, SMØSYQ, SAØAZT, SA7BQP, SAØANP, SAØCAD, SAØCAV, SM5SIC, SM2LIY, SM2WMV, SM3JLA, ops

**SNØHQ:** SP1GZF SP1NQN SP1RKT SP2FAX SP2GJV SP2JMB SP2WKB SP3CGK SP3GEM SP3HLM SP3J SP3SLA SP4DEU SP4JCP SP4K SP4MPG SP4Z SP5AUC SP5ELA SP5HNC SP5LS SP6A SP6EQZ SP6IXF SP6JIU SP6M SP6QNU SP6T SP7GIQ SP7IVO SP7JQQ SP7LFT SP7QJB SP7UWL SP7VC SP8ATI SP8BRQ SP8CUR SP8CUW SP8GQU SP8GWI SP8HZZ SP8JMA SP8LBK SP8ONZ SP8RX SP9ATE SP9FOW SP9H SP9JZT SP9JZU SP9KR SP9LAS SP9QMP SP9PT SP9XCN SQ2GXO SQ4G SQ4O SQ4RCU SQ6ILJ SQ6MS SQ6NEF SQ6OET SQ7FPD SQ8GHY SQ8J SQ8JLA SQ8JLU SQ8JX SQ8MZW SQ9C SQ9JKW SQ9LR SQ9MZ, SP2JMR, SP5KP, SP5WA, SP5DXM, SP5UAF, SP6ML, SP7DQR, SP7QHR, SP9HVW, SQ2CFB, SQ5OUO, ops

**SXØHQ:** SV1BJW, SV1ENG, SV1JFT, SV1ME, SV1RP, SV2FWV, SV2HWR, SV3RF, SV5DKL, SV1CIB, SV1DPI, SV1JCZ, SV1JG, SV2BFN, SV3AQN, SV3AQR, SV3IEG, SV3GKU, SV3EXU, SV3FUP, SV8GKE, SV9COL, SV9DJO, 5B4AFM, ops

**TC5ØHQ:** TA7OM, TB7MJP, TA7N, TA7Q, TA3DJ, TA3SA, YM2KK, TA2IK, TA6U, TA6P, TA3X, TA3TTT, TA1CM, TA2MW, TA8A, TA8AL, TA8AY, TA8RM, TA8EF, ops

**TMØHQ:** F3CW, F5NGA, F6DDR, F1AKK, F4DXW, F5TTU, F8DBF, F1UVN, F5LJA, F8GRY, F2DX, F6IRA, F5CWU, F6FYA, F6IIT, F1ADG, F1BHO, F2JD, F4GTV, F5DJL, F6BGC, F6BPZ, F1BLQ, F4CIB, F4CWN, F5BSB, F5GGL, F5EOT, F5VKT, F6EXV, F5VHY, F5VLY, F6DZO, F6FRR, F4ERS, F4EGD, F1HAR, F5HRY, F5UTN, F6ARC, F8CRH, F4AJS, F4EGZ, F8CFU, F8CIL, ops

**UN1HQ:** UN7CAD, UN6LN, UNØC, UN7NR, UN7NF, UN5C, UN1O, UN7PL, UN7LAN, UNØL, ops

**VY2RAC:** VE3RM, VA3KV, VE3WMT, VE3OKK, VE3ZJS, VA3OV, ops

**W1AW/7:** AA7A, AA7V, AB7E, K6WSC, K7FA, K7JQ, K7KR, K7LY, K8IA, KC7V, KD6GHX, KE2VB, KE7DX, KFØX, KS5A, KY7M, N4TLO, N5IA, N6KZ, N6SS, N6VR, N7AZ, N7DD, N7RQ, N7RT, NA2U, NI5L, NI7R, W2AJW, W4LSC, W5CF, W6XI, W7ZR, W8AEF, W8TK, WA5Y, WA7LNU, WD5COV, ops

**XR3HQ:** CA1DPA, CE1BEQ, CE1CRG, CE1DY, CE1UMY, CE1URJ, CE1VIL, CE3MMT, CE3TAM, CE3TKV, CE5PHI, CE5VMM, XQ1KZ, XQ7UP/3, ops

**YEØHQ:** YBØJS, YBØECT, YBØKVN, YCØVKI, YCØRAN, YCØKVM, YBØSHD, YBØTD, YB1KAR, YC1KAF, YD1JZ, YD1MRI, ops

**YL4HQ:** YL1XN, YL2BJ, YL2CI, YL2HB, YL2KO, YL2PP, YL2TB, YL3DQ, ops

**YRØHQ:** YO2AOB, YO2DFA, YO2RR, YO3APJ, YO3BL, YO3FRI, YO3GOD, YO3GW, YO3HKW, YO3IMD, YO4ATW, YO4DW, YO4NA, YO4NF, YO4REC, YO4RIU, YO4RXX, YO5AJR, YO5OHO, YO5ODU, YO6BHN, YO6CFB, YO6FGZ, YO6OAF, YO6SZ, YO7BGA, YO7LFV, YO7MGG, YO8AJG, YO8BDQ, YO8BIG, YO8BND, YO8BPK, YO8CKR, YO8CLN, YO8CT, ops

**YTØHQ:** YT7AW, YU1XX, YU1EXY, YU1CF, YT1MI, YT1AA, YU2M, YU1MM, YU1LA, YU1EA, YU1UN, YU1JW, YT8T, YT1RW, YT1BD, YU1ZZ, YT1CW, YT2A, YT2T, YU2A, YU8YL, YT2B, YT1BX, YU8NU, YU2EA, YU1KX, YU7EE, YU7SK, YT1T, YT5M, YT9T, YT7E, I YT7MFJ, YU8A, YU1AU, YT9A, YT5T, ops

**YV5AM:** YV5AM, YV5KG

**ZF1A:** ZF2AH, op

**ZL6HQ:** ZL1AIH, ZL1GO, ZL3CW, ZL1BYZ, ZL1DK, ZL1TPH, ops

**ZP5AA:** ZP5MAL, ZP5CGL, ZP5DBC, ops

**ZS9HQ:** ZS1EL, ZS1AAX, ZS6A, ZS6C, ZR6NGB, ZS6RLM, ZS6RIC, ZR6DX, ops

**ZZ7HQ:** PT7ZAA, PT2FE, PT7AK, PT7CB, PT7WA, PT7ZAA, PT7ZT, PT7ZZ, PY8AZT, ops