

**2019 IARU HF World Championships**

Results are grouped by ITU zone.

Within each zone, results are sorted by location, type of category (SO, SOU, M), then by score in descending order.

Each result includes Category, Final Score, QSOs, Multipliers, and QSO data for each band.

*Entries received after the log submission deadline are listed in italic.*

**Entries received after the log submission deadline are listed in *italic*.**

**MSHP = Multioperator, Single Transmitter, High Power**  
**SO-CW-HP = Single Operator, CW Only, High Power**  
**SO-CW-LP = Single Operator, CW Only, Low Power**  
**SO-CW-QRP = Single Operator, CW Only, QRP**  
**SO-MIX-HP = Single Operator, Mixed Mode, High Power**  
**SO-MIX-LP = Single Operator, Mixed Mode, Low Power**  
**SO-MIX-QRP = Single Operator, Mixed Mode, QRP**  
**SO-PH-HP = Single Operator, Phone Only, High Power**  
**SO-PH-LP = Single Operator, Phone Only, Low Power**  
**SO-PH-QRP = Single Operator, Phone Only, QRP**  
**SOU-CW-HP = Single Operator Unlimited, CW Only, High Power**  
**SOU-CW-LP = Single Operator Unlimited, CW Only, Low Power**  
**SOU-CW-QRP = Single Operator Unlimited, CW Only, QRP**  
**SOU-MIX-HP = Single Operator Unlimited, Mixed Mode, High Power**  
**SOU-MIX-LP = Single Operator Unlimited, Mixed Mode, Low Power**  
**SOU-MIX-QRP = Single Operator Unlimited, Mixed Mode, QRP**  
**SOU-PH-HP = Single Operator Unlimited, Phone Only, High Power**  
**SOU-PH-LP = Single Operator Unlimited, Phone Only, Low Power**  
**SOU-PH-QRP = Single Operator Unlimited, Phone Only, QRP**

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|               |           |       |     |            |        |        |        |          |        |        |                      |
|---------------|-----------|-------|-----|------------|--------|--------|--------|----------|--------|--------|----------------------|
| VE3AT         | 1,947,668 | 2,592 | 226 | SO-MIX-HP  | 35/10  | 240/42 | 618/54 | 1,181/58 | 393/45 | 125/17 |                      |
| VE3SST        | 71,040    | 326   | 80  | SO-MIX-LP  | 5/3    | 22/6   | 89/22  | 154/31   | 41/14  | 15/4   |                      |
| VE3BR         | 4,844     | 59    | 28  | SO-MIX-LP  | 0/0    | 29/8   | 7/5    | 23/15    | 0/0    | 0/0    |                      |
| VE3RZ         | 580,920   | 819   | 235 | SOU-MIX-HP | 40/15  | 129/42 | 223/60 | 287/67   | 114/39 | 26/12  |                      |
| VE3TW         | 129,708   | 419   | 108 | SOU-MIX-HP | 0/0    | 1/1    | 97/35  | 255/47   | 66/25  | 0/0    |                      |
| VA3FF         | 81,445    | 293   | 91  | SOU-MIX-LP | 4/3    | 9/6    | 128/32 | 133/36   | 15/10  | 4/4    |                      |
| VE3GFN        | 75,855    | 396   | 65  | SOU-MIX-LP | 0/0    | 0/0    | 84/16  | 231/33   | 68/10  | 13/6   |                      |
| VE3NZ         | 529,065   | 1,207 | 135 | SOU-CW-HP  | 34/7   | 64/12  | 469/48 | 560/50   | 80/18  | 0/0    |                      |
| VE3NE         | 386,230   | 983   | 130 | SOU-CW-HP  | 39/7   | 129/19 | 256/44 | 341/35   | 173/17 | 45/8   |                      |
| VE3MA         | 112,668   | 491   | 82  | SOU-CW-LP  | 11/4   | 29/5   | 125/27 | 204/31   | 75/8   | 47/7   |                      |
| VE3HEU        | 3,388     | 91    | 14  | SOU-CW-LP  | 0/0    | 0/0    | 91/14  | 0/0      | 0/0    | 0/0    |                      |
|               |           |       |     |            |        |        |        |          |        |        |                      |
| Ontario East  |           |       |     |            |        |        |        |          |        |        |                      |
| VE3TG         | 197,613   | 569   | 117 | SO-MIX-LP  | 18/6   | 28/8   | 152/36 | 217/36   | 102/22 | 52/9   |                      |
| VE3WRL        | 78,556    | 349   | 82  | SO-MIX-LP  | 0/0    | 26/8   | 144/27 | 93/28    | 55/14  | 31/5   |                      |
| VA3ZNQ        | 57,904    | 227   | 88  | SO-PH-HP   | 0/0    | 8/7    | 53/31  | 129/34   | 37/16  | 0/0    |                      |
| VA3TPS        | 34,220    | 200   | 58  | SO-PH-LP   | 0/0    | 2/2    | 27/11  | 122/30   | 41/12  | 8/3    |                      |
| VE3RVZ        | 14,850    | 110   | 50  | SO-PH-LP   | 0/0    | 0/0    | 14/12  | 85/30    | 10/7   | 1/1    |                      |
| VA3NW         | 12,040    | 108   | 40  | SO-PH-LP   | 0/0    | 2/2    | 14/12  | 89/23    | 2/2    | 1/1    |                      |
| VE3MCF        | 4,082     | 61    | 26  | SO-PH-LP   | 0/0    | 0/0    | 16/5   | 36/16    | 9/5    | 0/0    |                      |
| VA3MYC        | 1,581     | 39    | 17  | SO-PH-QRP  | 0/0    | 5/3    | 6/4    | 21/4     | 5/4    | 2/2    |                      |
| VE3PHV        | 884       | 23    | 13  | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 23/13    | 0/0    | 0/0    |                      |
| VE3LBU        | 287       | 12    | 7   | SO-PH-LP   | 0/0    | 0/0    | 1/1    | 11/6     | 0/0    | 0/0    |                      |
| VE3MT         | 272       | 14    | 8   | SO-PH-LP   | 0/0    | 0/0    | 14/8   | 0/0      | 0/0    | 0/0    |                      |
| VE3JM         | 2,016,214 | 2,450 | 227 | SO-CW-HP   | 117/26 | 260/37 | 456/49 | 1,108/58 | 405/41 | 104/16 |                      |
| VE3KP         | 237,160   | 714   | 110 | SO-CW-HP   | 25/4   | 60/10  | 120/33 | 279/38   | 142/16 | 88/9   |                      |
| VE3TM         | 190,183   | 611   | 101 | SO-CW-LP   | 0/0    | 24/10  | 154/28 | 256/39   | 98/16  | 79/8   |                      |
| VE3VN         | 101,909   | 322   | 101 | SO-CW-LP   | 0/0    | 66/24  | 100/30 | 110/18   | 36/23  | 10/6   |                      |
| VE3LC         | 51,282    | 269   | 63  | SO-CW-LP   | 0/0    | 12/5   | 73/15  | 129/29   | 29/7   | 26/7   |                      |
| VE3BXG        | 5,698     | 143   | 14  | SO-CW-LP   | 0/0    | 2/1    | 0/0    | 73/4     | 21/3   | 47/6   |                      |
| VE3IGJ        | 2,739     | 94    | 11  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 94/11    | 0/0    | 0/0    |                      |
| VE3PJ         | 45,144    | 293   | 54  | SOU-MIX-LP | 0/0    | 17/5   | 223/28 | 43/12    | 9/8    | 1/1    |                      |
| VE3QN         | 1,380     | 41    | 15  | SOU-MIX-LP | 0/0    | 4/3    | 2/2    | 15/5     | 16/3   | 4/2    |                      |
| VA3WW         | 6,300     | 59    | 42  | SOU-PH-HP  | 0/0    | 0/0    | 34/22  | 24/19    | 1/1    | 0/0    |                      |
| VE3HED        | 2,736     | 36    | 24  | SOU-PH-HP  | 0/0    | 0/0    | 0/0    | 36/24    | 0/0    | 0/0    |                      |
| VE3EVB        | 2,166     | 41    | 19  | SOU-PH-LP  | 0/0    | 0/0    | 1/1    | 38/16    | 2/2    | 0/0    |                      |
| VE3NNT        | 723,450   | 1,212 | 175 | SOU-CW-HP  | 0/0    | 102/28 | 374/55 | 602/61   | 134/31 | 0/0    |                      |
| VE3UTT        | 1,504,140 | 1,792 | 258 | MSHP       | 24/10  | 253/49 | 484/69 | 745/76   | 190/35 | 96/19  | VE3EY, VE3UTT, VE3XB |
|               |           |       |     |            |        |        |        |          |        |        |                      |
| Ontario North |           |       |     |            |        |        |        |          |        |        |                      |
| VA3KXS        | 189       | 11    | 7   | SO-PH-QRP  | 0/0    | 0/0    | 1/1    | 5/3      | 4/2    | 1/1    |                      |
| VE3SSJ        | 13,034    | 118   | 38  | SO-CW-HP   | 0/0    | 0/0    | 56/18  | 0/0      | 62/20  | 0/0    | VE7VR                |
| VE3CX         | 738,375   | 1,442 | 165 | SOU-CW-HP  | 31/7   | 134/29 | 183/44 | 692/54   | 185/20 | 217/11 |                      |
|               |           |       |     |            |        |        |        |          |        |        |                      |

|                  |           |       |       |            |        |        |        |          |        |        |                         |
|------------------|-----------|-------|-------|------------|--------|--------|--------|----------|--------|--------|-------------------------|
| Ontario South    |           |       |       |            |        |        |        |          |        |        |                         |
| VE3EJ            | 2,284,035 | 2,688 | 255   | SO-MIX-HP  | 108/24 | 290/44 | 594/56 | 1,045/57 | 465/46 | 186/28 |                         |
| VE3DZ            | 1,775,227 | 2,383 | 233   | SO-MIX-HP  | 92/12  | 240/45 | 668/57 | 890/54   | 342/39 | 151/26 |                         |
| VA3RER           | 270       | 20    | 5     | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 20/5     | 0/0    | 0/0    |                         |
| VE3DX            | 105       | 21    | 5     | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 0/0      | 0/0    | 0/0    |                         |
| K2NV/VE3         | 63,240    | 364   | 60    | SO-CW-LP   | 2/1    | 25/7   | 162/23 | 152/22   | 23/7   | 0/0    |                         |
| VE3FH            | 57,584    | 316   | 61    | SO-CW-LP   | 0/0    | 0/0    | 110/22 | 161/27   | 37/9   | 8/3    |                         |
| VE3PQ            | 4,698     | 61    | 29    | SO-CW-LP   | 0/0    | 0/0    | 12/10  | 42/13    | 7/6    | 0/0    |                         |
| VA3DF            | 395,305   | 740   | 173   | SOU-MIX-LP | 15/6   | 117/32 | 134/31 | 352/52   | 100/39 | 22/13  |                         |
| VE3MM            | 72,268    | 269   | 89    | SOU-MIX-HP | 0/0    | 15/15  | 142/24 | 80/32    | 21/10  | 11/8   |                         |
| VE3MGY           | 336,160   | 1,083 | 110   | SOU-CW-LP  | 55/5   | 163/12 | 250/30 | 427/40   | 162/16 | 26/7   |                         |
| VE3YAA           | 65,660    | 297   | 70    | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 162/29   | 121/29 | 14/12  | VE3FJ                   |
|                  |           |       |       |            |        |        |        |          |        |        |                         |
| Quebec           |           |       |       |            |        |        |        |          |        |        |                         |
| VA2EW            | 1,284,666 | 1,888 | 191   | SO-MIX-LP  | 35/10  | 162/29 | 583/50 | 758/53   | 288/39 | 62/10  |                         |
| VA2RIO           | 3,604     | 47    | 34    | SO-MIX-LP  | 0/0    | 8/8    | 16/14  | 12/5     | 8/5    | 3/2    |                         |
| VA2GN            | 3,420     | 43    | 36    | SO-PH-LP   | 0/0    | 6/6    | 19/15  | 18/15    | 0/0    | 0/0    |                         |
| VE2/IU7KRA       | 3,382     | 55    | 19    | SO-PH-LP   | 0/0    | 0/0    | 2/2    | 48/14    | 5/3    | 0/0    |                         |
| VE2FWW           | 185,592   | 649   | 76    | SO-CW-HP   | 0/0    | 0/0    | 0/0    | 649/76   | 0/0    | 0/0    |                         |
| VA2WA            | 2,542,473 | 2,411 | 303   | SOU-MIX-HP | 104/31 | 268/54 | 535/67 | 1,172/77 | 214/49 | 118/25 |                         |
| VE2BWL           | 88,880    | 349   | 80    | SOU-MIX-HP | 0/0    | 92/20  | 127/20 | 43/14    | 83/23  | 4/3    |                         |
| VE2CJR           | 24,924    | 133   | 67    | SOU-MIX-LP | 0/0    | 5/5    | 48/27  | 68/28    | 12/7   | 0/0    |                         |
| VA2QR            | 5,952     | 83    | 24    | SOU-MIX-HP | 0/0    | 0/0    | 0/0    | 73/18    | 10/6   | 0/0    |                         |
| VA2SCJ           | 2,163     | 36    | 21    | SOU-PH-LP  | 0/0    | 0/0    | 13/11  | 23/10    | 0/0    | 0/0    |                         |
| VE2GT            | 336       | 16    | 12    | SOU-PH-LP  | 0/0    | 0/0    | 1/1    | 13/10    | 2/1    | 0/0    |                         |
|                  |           |       |       |            |        |        |        |          |        |        |                         |
| Call             | Score     | QSOs  | Mults | Category   | 160    | 80     | 40     | 20       | 15     | 10     | Operator(s) and/or Host |
| Zone 6           |           |       |       |            |        |        |        |          |        |        |                         |
|                  |           |       |       |            |        |        |        |          |        |        |                         |
| U.S. Call Area 6 |           |       |       |            |        |        |        |          |        |        |                         |
|                  |           |       |       |            |        |        |        |          |        |        |                         |
| East Bay         |           |       |       |            |        |        |        |          |        |        |                         |
| K6JAT            | 41,817    | 283   | 53    | SO-PH-HP   | 0/0    | 0/0    | 56/19  | 218/27   | 9/7    | 0/0    |                         |
| WZ6ZZ            | 2,147     | 56    | 19    | SO-PH-LP   | 0/0    | 3/1    | 24/8   | 29/10    | 0/0    | 0/0    |                         |
| AD6OE            | 1,190     | 37    | 17    | SO-PH-QRP  | 0/0    | 3/2    | 13/6   | 21/9     | 0/0    | 0/0    |                         |
| K6RGG            | 225       | 20    | 5     | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 20/5     | 0/0    | 0/0    |                         |
| W6GF             | 190       | 38    | 5     | SO-PH-HP   | 0/0    | 0/0    | 0/0    | 0/0      | 0/0    | 0/0    |                         |
| KM6VHD           | 105       | 9     | 5     | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 9/5      | 0/0    | 0/0    |                         |
| N6BHX            | 1,846     | 54    | 13    | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 53/12    | 1/1    | 0/0    |                         |
| K2GMY            | 636       | 20    | 12    | SO-CW-QRP  | 0/0    | 0/0    | 9/5    | 11/7     | 0/0    | 0/0    |                         |
| AG6JA            | 1,972     | 34    | 17    | SOU-MIX-LP | 0/0    | 0/0    | 0/0    | 28/14    | 6/3    | 0/0    |                         |
| K6DAJ            | 645,653   | 1,220 | 179   | SOU-CW-HP  | 19/10  | 108/25 | 483/57 | 505/67   | 102/19 | 3/1    | @N6RO                   |
| W6NV             | 82,156    | 330   | 76    | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 306/64   | 22/11  | 2/1    |                         |
| WQ6X             | 9,016     | 119   | 28    | SOU-CW-LP  | 0/0    | 3/2    | 69/16  | 47/10    | 0/0    | 0/0    |                         |

|                   |           |       |     |            |       |        |        |          |        |      |                |
|-------------------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|------|----------------|
| NA6O              | 1,476     | 46    | 12  | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 41/8     | 5/4    | 0/0  |                |
| W3DVY             | 900       | 28    | 12  | SOU-CW-HP  | 0/0   | 2/2    | 4/3    | 22/7     | 0/0    | 0/0  |                |
|                   |           |       |     |            |       |        |        |          |        |      |                |
| Los Angeles       |           |       |     |            |       |        |        |          |        |      |                |
| NK6A              | 29,700    | 198   | 55  | SO-MIX-HP  | 0/0   | 0/0    | 54/19  | 132/30   | 12/6   | 0/0  |                |
| AI6V              | 24,360    | 418   | 29  | SO-MIX-LP  | 0/0   | 0/0    | 188/14 | 227/12   | 3/3    | 0/0  |                |
| WA6URY            | 21,318    | 153   | 51  | SO-MIX-HP  | 0/0   | 29/11  | 59/18  | 64/21    | 1/1    | 0/0  |                |
| WA7BNM            | 5,874     | 99    | 22  | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 95/20    | 4/2    | 0/0  |                |
| N6UTC             | 663       | 19    | 13  | SO-MIX-LP  | 0/0   | 0/0    | 4/2    | 15/11    | 0/0    | 0/0  |                |
| W6AFA             | 140,067   | 694   | 79  | SO-PH-HP   | 0/0   | 15/5   | 264/33 | 410/37   | 5/4    | 0/0  |                |
| K6MUG             | 5,510     | 78    | 29  | SO-PH-LP   | 0/0   | 0/0    | 26/12  | 52/17    | 0/0    | 0/0  |                |
| N6AA              | 617,760   | 1,447 | 144 | SO-CW-HP   | 32/8  | 154/23 | 535/45 | 643/49   | 80/17  | 3/2  |                |
| NI6W              | 328,680   | 870   | 132 | SO-CW-HP   | 36/9  | 94/20  | 313/45 | 389/42   | 38/16  | 0/0  | W4EF           |
| KM6Z              | 53,336    | 367   | 59  | SO-CW-LP   | 0/0   | 47/7   | 108/18 | 193/27   | 19/7   | 0/0  |                |
| N2JNR             | 6,480     | 112   | 24  | SO-CW-LP   | 0/0   | 0/0    | 30/12  | 73/8     | 9/4    | 0/0  |                |
| NC6Q              | 6,328     | 103   | 28  | SO-CW-LP   | 0/0   | 0/0    | 37/15  | 59/11    | 7/2    | 0/0  |                |
| NA6MG             | 1,596     | 50    | 12  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 50/12    | 0/0    | 0/0  |                |
| K6RO              | 25,878    | 172   | 57  | SOU-MIX-HP | 0/0   | 19/8   | 52/23  | 84/17    | 16/8   | 1/1  |                |
| N6HE              | 2,223     | 42    | 19  | SOU-CW-LP  | 0/0   | 0/0    | 33/13  | 9/6      | 0/0    | 0/0  |                |
|                   |           |       |     |            |       |        |        |          |        |      |                |
| Orange            |           |       |     |            |       |        |        |          |        |      |                |
| NO6T              | 1,779,844 | 2,778 | 209 | SO-MIX-HP  | 42/12 | 243/27 | 798/60 | 1,411/68 | 256/34 | 28/8 | KI6RRN @WA6TQT |
| N6LZ              | 938       | 23    | 14  | SO-MIX-HP  | 0/0   | 0/0    | 3/2    | 20/12    | 0/0    | 0/0  |                |
| W6ZL              | 26,092    | 222   | 44  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 209/35   | 12/8   | 1/1  |                |
| NC6V              | 10,260    | 132   | 30  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 124/25   | 6/4    | 2/1  |                |
| K6PB              | 5,750     | 102   | 25  | SO-CW-LP   | 0/0   | 7/3    | 37/11  | 57/10    | 1/1    | 0/0  |                |
| N6GP              | 4,776     | 71    | 24  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 68/21    | 2/2    | 1/1  |                |
| N6HCN             | 784       | 38    | 8   | SO-CW-QRP  | 0/0   | 0/0    | 0/0    | 38/8     | 0/0    | 0/0  |                |
|                   |           |       |     |            |       |        |        |          |        |      |                |
| Sacramento Valley |           |       |     |            |       |        |        |          |        |      |                |
| W6RKC             | 47,250    | 204   | 75  | SO-MIX-LP  | 15/6  | 32/11  | 75/27  | 71/25    | 11/6   | 0/0  |                |
| KE6GLA            | 10,465    | 116   | 35  | SO-MIX-LP  | 0/0   | 16/8   | 37/13  | 60/12    | 3/2    | 0/0  |                |
| K6AAI             | 1,140     | 33    | 15  | SO-MIX-LP  | 0/0   | 0/0    | 18/8   | 15/7     | 0/0    | 0/0  |                |
| KF6NCX            | 399       | 57    | 7   | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 0/0      | 0/0    | 0/0  |                |
| KD6HOF            | 304       | 18    | 8   | SO-MIX-LP  | 0/0   | 0/0    | 6/2    | 12/6     | 0/0    | 0/0  |                |
| WB6CZG            | 7,854     | 87    | 33  | SO-PH-LP   | 0/0   | 3/3    | 33/14  | 51/16    | 0/0    | 0/0  |                |
| KK6TBN            | 5,719     | 301   | 19  | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 0/0      | 0/0    | 0/0  |                |
| NC6R              | 4,280     | 168   | 10  | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 168/10   | 0/0    | 0/0  |                |
| K7XE              | 2,242     | 45    | 19  | SO-PH-LP   | 0/0   | 0/0    | 10/6   | 35/13    | 0/0    | 0/0  |                |
| K6IJ              | 68,474    | 375   | 73  | SO-CW-HP   | 8/3   | 29/7   | 135/19 | 180/33   | 19/10  | 4/1  |                |
| W6FA              | 26,496    | 201   | 48  | SO-CW-HP   | 0/0   | 14/5   | 62/14  | 116/24   | 9/5    | 0/0  |                |
| K6TQ              | 2,940     | 52    | 21  | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 50/19    | 2/2    | 0/0  |                |
| W6EU              | 2,130     | 81    | 10  | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 81/10    | 0/0    | 0/0  |                |
|                   |           |       |     |            |       |        |        |          |        |      |                |

|                    |           |       |     |            |       |        |        |          |        |      |                                                                      |
|--------------------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|------|----------------------------------------------------------------------|
| San Diego          |           |       |     |            |       |        |        |          |        |      |                                                                      |
| W6JBR              | 32,542    | 229   | 53  | SO-MIX-HP  | 1/1   | 8/2    | 123/26 | 93/21    | 4/3    | 0/0  |                                                                      |
| K6JO               | 200,376   | 863   | 88  | SO-PH-LP   | 1/1   | 15/6   | 264/38 | 577/39   | 4/3    | 2/1  |                                                                      |
| WN6K               | 110,880   | 565   | 70  | SO-CW-LP   | 0/0   | 34/10  | 234/23 | 254/24   | 40/10  | 3/3  |                                                                      |
| K6NA               | 60,750    | 202   | 90  | SO-CW-HP   | 0/0   | 5/4    | 77/35  | 112/45   | 8/6    | 0/0  |                                                                      |
| K6AR               | 24,480    | 116   | 60  | SO-CW-HP   | 0/0   | 0/0    | 28/20  | 83/36    | 5/4    | 0/0  |                                                                      |
| W6MZ               | 4,186     | 63    | 26  | SO-CW-QRP  | 0/0   | 2/2    | 21/7   | 37/15    | 3/2    | 0/0  |                                                                      |
| NC6K               | 346,647   | 993   | 119 | SOU-MIX-HP | 6/4   | 75/17  | 417/45 | 463/39   | 32/14  | 0/0  |                                                                      |
| NT6Q               | 985,704   | 1,631 | 201 | SOU-CW-HP  | 43/13 | 140/29 | 673/71 | 667/66   | 104/20 | 4/2  | N5ZO                                                                 |
| NX6T               | 295,254   | 777   | 141 | MSHP       | 15/6  | 58/18  | 331/49 | 344/54   | 29/14  | 0/0  | K4RB, K6AM, N6EEG, N6ERD, N6KI, NN6X, W2PWS, W6ZAR, WF6L, WM6Y, WQ6X |
|                    |           |       |     |            |       |        |        |          |        |      |                                                                      |
| San Francisco      |           |       |     |            |       |        |        |          |        |      |                                                                      |
| K6BBQ              | 1,781     | 57    | 13  | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 57/13    | 0/0    | 0/0  |                                                                      |
| KJ6VHZ             | 280       | 16    | 8   | SO-PH-LP   | 0/0   | 0/0    | 5/3    | 11/5     | 0/0    | 0/0  |                                                                      |
| N6IE               | 114,900   | 403   | 100 | SOU-MIX-HP | 0/0   | 42/14  | 127/26 | 207/47   | 27/13  | 0/0  |                                                                      |
| W6IA               | 22,372    | 193   | 47  | SOU-MIX-HP | 0/0   | 5/4    | 74/12  | 108/26   | 6/5    | 0/0  |                                                                      |
| K6RIM              | 7,456     | 81    | 32  | SOU-MIX-HP | 0/0   | 0/0    | 17/9   | 58/19    | 6/4    | 0/0  |                                                                      |
|                    |           |       |     |            |       |        |        |          |        |      |                                                                      |
| San Joaquin Valley |           |       |     |            |       |        |        |          |        |      |                                                                      |
| K6CSL              | 2,793     | 62    | 19  | SO-CW-LP   | 0/0   | 3/1    | 24/7   | 33/10    | 2/1    | 0/0  |                                                                      |
| W6SX               | 72,956    | 457   | 61  | SOU-CW-HP  | 0/0   | 7/5    | 216/24 | 221/24   | 13/8   | 0/0  |                                                                      |
|                    |           |       |     |            |       |        |        |          |        |      |                                                                      |
| Santa Barbara      |           |       |     |            |       |        |        |          |        |      |                                                                      |
| W6TK               | 285,492   | 927   | 111 | SO-MIX-HP  | 0/0   | 30/9   | 193/38 | 670/49   | 34/15  | 0/0  |                                                                      |
| W1PR               | 66,172    | 324   | 71  | SO-MIX-HP  | 0/0   | 0/0    | 54/17  | 238/45   | 31/8   | 1/1  |                                                                      |
| AG6AG              | 3,465     | 63    | 21  | SO-PH-HP   | 0/0   | 0/0    | 12/6   | 51/15    | 0/0    | 0/0  |                                                                      |
| N6REK              | 1,296     | 33    | 18  | SO-PH-LP   | 0/0   | 0/0    | 15/8   | 18/10    | 0/0    | 0/0  |                                                                      |
| AI6MW              | 252       | 16    | 7   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 16/7     | 0/0    | 0/0  |                                                                      |
| KD6GWH             | 24        | 4     | 2   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 4/2      | 0/0    | 0/0  |                                                                      |
| W6AYC              | 109,536   | 434   | 84  | SO-CW-HP   | 0/0   | 12/5   | 122/23 | 281/45   | 19/11  | 0/0  |                                                                      |
| AE6PL              | 5,106     | 90    | 23  | SOU-MIX-LP | 0/0   | 0/0    | 24/7   | 65/15    | 1/1    | 0/0  |                                                                      |
|                    |           |       |     |            |       |        |        |          |        |      |                                                                      |
| Santa Clara Valley |           |       |     |            |       |        |        |          |        |      |                                                                      |
| K6XX               | 1,307,580 | 2,246 | 186 | SO-MIX-HP  | 20/9  | 78/19  | 593/53 | 1,403/72 | 138/27 | 14/6 |                                                                      |
| W6FB               | 77,175    | 408   | 75  | SO-MIX-HP  | 0/0   | 55/9   | 96/22  | 248/40   | 9/4    | 0/0  |                                                                      |
| NE1LA              | 5,376     | 88    | 21  | SO-MIX-LP  | 0/0   | 0/0    | 40/11  | 48/10    | 0/0    | 0/0  |                                                                      |
| KE8FT              | 68,680    | 380   | 68  | SO-PH-HP   | 0/0   | 9/3    | 47/23  | 322/40   | 2/2    | 0/0  |                                                                      |
| AI6LY              | 29,848    | 171   | 52  | SO-PH-HP   | 0/0   | 7/4    | 66/22  | 98/26    | 0/0    | 0/0  |                                                                      |
| K6ACV              | 696       | 22    | 12  | SO-PH-LP   | 0/0   | 0/0    | 6/2    | 16/10    | 0/0    | 0/0  |                                                                      |
| W6YX               | 1,111,360 | 1,949 | 184 | SO-CW-HP   | 5/2   | 250/28 | 649/58 | 831/64   | 212/30 | 2/2  | N7MH                                                                 |
| N6TV               | 858,888   | 1,818 | 151 | SO-CW-HP   | 8/5   | 202/25 | 685/46 | 765/55   | 157/19 | 1/1  |                                                                      |
| N6XI               | 8,924     | 134   | 23  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 134/23   | 0/0    | 0/0  |                                                                      |

|                    |         |       |     |            |     |        |        |        |       |     |      |
|--------------------|---------|-------|-----|------------|-----|--------|--------|--------|-------|-----|------|
| KM6KJI             | 5,940   | 102   | 22  | SO-CW-LP   | 0/0 | 0/0    | 19/6   | 80/14  | 3/2   | 0/0 |      |
| KM6I               | 3,460   | 69    | 20  | SO-CW-HP   | 0/0 | 0/0    | 43/12  | 25/7   | 1/1   | 0/0 |      |
| K6TD               | 2,640   | 53    | 20  | SO-CW-HP   | 0/0 | 0/0    | 29/9   | 24/11  | 0/0   | 0/0 |      |
| AI6SL              | 1,919   | 37    | 19  | SO-CW-LP   | 0/0 | 0/0    | 19/7   | 18/12  | 0/0   | 0/0 |      |
| K6TET              | 1,320   | 52    | 10  | SO-CW-HP   | 0/0 | 0/0    | 23/5   | 29/5   | 0/0   | 0/0 |      |
| K6KQV              | 210     | 13    | 6   | SO-CW-LP   | 0/0 | 0/0    | 5/2    | 8/4    | 0/0   | 0/0 |      |
| W9KKN              | 574,704 | 1,485 | 144 | SOU-MIX-HP | 2/1 | 131/27 | 536/53 | 782/50 | 34/13 | 0/0 |      |
| K6GHA              | 79,876  | 376   | 76  | SOU-MIX-LP | 2/1 | 35/8   | 116/28 | 208/32 | 13/6  | 2/1 |      |
| K6MM               | 66,180  | 417   | 60  | SOU-MIX-HP | 4/1 | 31/12  | 165/22 | 213/23 | 4/2   | 0/0 |      |
| W6RQ               | 1,472   | 41    | 16  | SOU-PH-LP  | 0/0 | 0/0    | 15/6   | 25/9   | 1/1   | 0/0 |      |
| KI6SCT             | 234     | 15    | 6   | SOU-PH-LP  | 0/0 | 0/0    | 0/0    | 15/6   | 0/0   | 0/0 |      |
| K6MMM              | 104,550 | 469   | 82  | SOU-CW-HP  | 0/0 | 26/8   | 126/21 | 293/46 | 24/7  | 0/0 | KE1B |
|                    |         |       |     |            |     |        |        |        |       |     |      |
| U.S. Call Area 7   |         |       |     |            |     |        |        |        |       |     |      |
|                    |         |       |     |            |     |        |        |        |       |     |      |
| Arizona            |         |       |     |            |     |        |        |        |       |     |      |
| KRØCKT             | 172,339 | 1,095 | 59  | SO-PH-HP   | 0/0 | 11/5   | 418/22 | 661/28 | 5/4   | 0/0 |      |
| KD7RF              | 124,899 | 886   | 51  | SO-PH-HP   | 0/0 | 0/0    | 0/0    | 881/47 | 5/4   | 0/0 |      |
| W5UJ               | 22,504  | 143   | 58  | SO-PH-HP   | 0/0 | 0/0    | 60/26  | 83/32  | 0/0   | 0/0 |      |
| NF7E               | 15,004  | 291   | 22  | SO-PH-LP   | 0/0 | 0/0    | 0/0    | 291/22 | 0/0   | 0/0 |      |
| KC1BB              | 1,780   | 36    | 20  | SO-PH-HP   | 0/0 | 0/0    | 3/3    | 33/17  | 0/0   | 0/0 |      |
| W7FYW              | 468     | 20    | 12  | SO-PH-LP   | 0/0 | 0/0    | 3/3    | 17/9   | 0/0   | 0/0 |      |
| KI7VWP             | 344     | 20    | 8   | SO-PH-LP   | 0/0 | 0/0    | 1/1    | 19/7   | 0/0   | 0/0 |      |
| KI7HWZ             | 5       | 1     | 5   | SO-PH-LP   | 0/0 | 0/0    | 0/0    | 0/0    | 0/0   | 0/0 |      |
| AA7V               | 14,872  | 96    | 52  | SO-CW-HP   | 0/0 | 13/7   | 33/19  | 47/24  | 3/2   | 0/0 |      |
| K7AZT              | 14,858  | 169   | 34  | SO-CW-LP   | 0/0 | 0/0    | 73/16  | 91/15  | 5/3   | 0/0 |      |
| W6RLL              | 11,842  | 134   | 31  | SO-CW-HP   | 0/0 | 0/0    | 0/0    | 134/31 | 0/0   | 0/0 |      |
| N6BT               | 5,850   | 69    | 30  | SO-CW-HP   | 0/0 | 18/7   | 10/6   | 41/17  | 0/0   | 0/0 |      |
| N7SU               | 4,420   | 88    | 20  | SO-CW-HP   | 0/0 | 0/0    | 88/20  | 0/0    | 0/0   | 0/0 |      |
| N7WS               | 3,416   | 39    | 28  | SO-CW-HP   | 0/0 | 0/0    | 0/0    | 34/24  | 5/4   | 0/0 |      |
| N6HI               | 1,360   | 66    | 10  | SO-CW-QRP  | 0/0 | 0/0    | 8/1    | 58/9   | 0/0   | 0/0 |      |
| N9NA               | 161,073 | 577   | 99  | SOU-MIX-HP | 0/0 | 42/10  | 202/29 | 318/53 | 15/7  | 0/0 |      |
| KF7U               | 29,100  | 224   | 50  | SOU-MIX-HP | 0/0 | 0/0    | 102/24 | 121/25 | 1/1   | 0/0 |      |
| N7UJJ              | 22,776  | 166   | 52  | SOU-MIX-LP | 0/0 | 0/0    | 48/19  | 118/33 | 0/0   | 0/0 |      |
| K6WSC              | 186,147 | 496   | 129 | SOU-CW-LP  | 0/0 | 62/16  | 136/44 | 272/54 | 23/13 | 3/2 |      |
| W6RW               | 92,160  | 355   | 90  | SOU-CW-HP  | 0/0 | 4/4    | 146/36 | 204/49 | 1/1   | 0/0 |      |
| N7AT               | 46,530  | 331   | 47  | SOU-CW-HP  | 0/0 | 0/0    | 189/25 | 128/17 | 13/4  | 1/1 | K8IA |
| K7JQ               | 38,456  | 316   | 46  | SOU-CW-LP  | 0/0 | 0/0    | 175/22 | 135/20 | 6/4   | 0/0 |      |
| KB7AZ              | 18,668  | 123   | 52  | SOU-CW-HP  | 0/0 | 9/5    | 24/13  | 83/30  | 7/4   | 0/0 |      |
| K7WP               | 13,104  | 114   | 39  | SOU-CW-HP  | 0/0 | 0/0    | 41/17  | 66/16  | 7/6   | 0/0 |      |
| KC7V               | 636     | 25    | 12  | SOU-CW-LP  | 0/0 | 0/0    | 14/5   | 10/6   | 1/1   | 0/0 |      |
|                    |         |       |     |            |     |        |        |        |       |     |      |
| Eastern Washington |         |       |     |            |     |        |        |        |       |     |      |
| AD7XG              | 12,540  | 133   | 33  | SO-MIX-HP  | 1/1 | 9/5    | 34/8   | 89/19  | 0/0   | 0/0 |      |

|         |         |       |     |            |      |        |        |        |       |     |       |
|---------|---------|-------|-----|------------|------|--------|--------|--------|-------|-----|-------|
| K7STO   | 4,356   | 69    | 22  | SO-PH-HP   | 0/0  | 0/0    | 3/3    | 66/19  | 0/0   | 0/0 |       |
| KK7VL   | 52      | 6     | 4   | SO-PH-QRP  | 0/0  | 0/0    | 0/0    | 6/4    | 0/0   | 0/0 |       |
| N6NR    | 66,600  | 302   | 74  | SO-CW-HP   | 0/0  | 0/0    | 72/21  | 230/53 | 0/0   | 0/0 |       |
| N7ZUF   | 1,023   | 37    | 11  | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 33/8   | 4/3   | 0/0 |       |
| N7GCO   | 36,120  | 184   | 70  | SOU-PH-HP  | 0/0  | 3/3    | 55/22  | 124/43 | 2/2   | 0/0 |       |
| KB7HDX  | 1,410   | 38    | 15  | SOU-PH-LP  | 0/0  | 0/0    | 10/6   | 28/9   | 0/0   | 0/0 |       |
| K7GS    | 12,740  | 118   | 35  | SOU-CW-HP  | 0/0  | 0/0    | 58/9   | 60/26  | 0/0   | 0/0 |       |
|         |         |       |     |            |      |        |        |        |       |     |       |
| Idaho   |         |       |     |            |      |        |        |        |       |     |       |
| WD7E    | 5,300   | 85    | 25  | SO-MIX-HP  | 0/0  | 0/0    | 19/10  | 64/14  | 2/1   | 0/0 |       |
| WJ9B    | 295,716 | 893   | 114 | SO-CW-LP   | 21/7 | 93/14  | 350/37 | 406/49 | 23/7  | 0/0 |       |
| K7TQ    | 85,960  | 456   | 70  | SOU-CW-LP  | 0/0  | 57/14  | 163/22 | 225/30 | 11/4  | 0/0 |       |
| KØIP    | 5,600   | 56    | 28  | SOU-CW-HP  | 5/4  | 0/0    | 0/0    | 44/21  | 7/3   | 0/0 |       |
| KK7A    | 1,536   | 50    | 16  | SOU-CW-QRP | 0/0  | 5/3    | 20/5   | 23/7   | 2/1   | 0/0 |       |
| WM5F    | 360     | 18    | 9   | SOU-CW-LP  | 0/0  | 0/0    | 6/4    | 10/4   | 2/1   | 0/0 |       |
|         |         |       |     |            |      |        |        |        |       |     |       |
| Montana |         |       |     |            |      |        |        |        |       |     |       |
| KS7T    | 88,000  | 536   | 64  | SO-MIX-HP  | 0/0  | 102/12 | 110/19 | 324/33 | 0/0   | 0/0 |       |
| K7QA    | 127,260 | 419   | 101 | SOU-CW-HP  | 0/0  | 95/14  | 155/37 | 168/49 | 1/1   | 0/0 |       |
|         |         |       |     |            |      |        |        |        |       |     |       |
| Nevada  |         |       |     |            |      |        |        |        |       |     |       |
| WU6W    | 14,490  | 116   | 46  | SO-MIX-HP  | 1/1  | 11/5   | 37/15  | 62/20  | 5/5   | 0/0 |       |
| W7EB    | 15,114  | 184   | 33  | SO-PH-HP   | 0/0  | 0/0    | 8/5    | 176/28 | 0/0   | 0/0 | KT6VV |
| K6ST    | 4,662   | 89    | 21  | SO-CW-LP   | 0/0  | 0/0    | 49/11  | 40/10  | 0/0   | 0/0 |       |
| K2RD    | 61,180  | 234   | 92  | SOU-MIX-HP | 1/1  | 3/3    | 55/25  | 153/51 | 19/9  | 3/3 |       |
| K7XC    | 6,120   | 68    | 30  | SOU-MIX-HP | 0/0  | 0/0    | 0/0    | 68/30  | 0/0   | 0/0 |       |
|         |         |       |     |            |      |        |        |        |       |     |       |
| Oregon  |         |       |     |            |      |        |        |        |       |     |       |
| KU1CW   | 448,404 | 1,060 | 132 | SO-MIX-LP  | 8/4  | 155/23 | 333/32 | 559/71 | 5/2   | 0/0 |       |
| N7JI    | 533     | 26    | 13  | SO-MIX-QRP | 0/0  | 1/1    | 17/8   | 8/4    | 0/0   | 0/0 |       |
| KF7AXD  | 570     | 19    | 10  | SO-PH-LP   | 0/0  | 0/0    | 18/9   | 1/1    | 0/0   | 0/0 |       |
| KJ7GVL  | 6       | 3     | 2   | SO-PH-LP   | 0/0  | 0/0    | 1/1    | 2/1    | 0/0   | 0/0 |       |
| W7MDB   | 5       | 1     | 1   | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 1/1    | 0/0   | 0/0 |       |
| KA6BIM  | 3       | 3     | 1   | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 0/0    | 0/0   | 3/1 |       |
| K7RAT   | 410,168 | 1,119 | 118 | SO-CW-HP   | 0/0  | 18/5   | 372/43 | 669/55 | 58/14 | 2/1 | N6TR  |
| W7YAQ   | 208,407 | 522   | 127 | SO-CW-HP   | 8/6  | 31/13  | 136/29 | 307/59 | 36/17 | 4/3 |       |
| NE7D    | 30,438  | 194   | 57  | SO-CW-HP   | 0/0  | 42/8   | 111/27 | 36/18  | 5/4   | 0/0 |       |
| K6UM    | 8,450   | 125   | 26  | SO-CW-HP   | 0/0  | 0/0    | 0/0    | 107/19 | 18/7  | 0/0 |       |
| W7MTL   | 6,696   | 107   | 27  | SO-CW-LP   | 0/0  | 6/2    | 21/8   | 73/15  | 7/2   | 0/0 |       |
| K7YIC   | 138     | 12    | 6   | SO-CW-LP   | 0/0  | 5/3    | 1/1    | 6/2    | 0/0   | 0/0 |       |
| K7VIT   | 4,163   | 69    | 23  | SOU-MIX-HP | 0/0  | 19/7   | 0/0    | 50/16  | 0/0   | 0/0 |       |
| WA7YXY  | 5,012   | 75    | 28  | SOU-PH-LP  | 0/0  | 0/0    | 36/16  | 39/12  | 0/0   | 0/0 |       |
| KN7K    | 21,552  | 169   | 48  | SOU-CW-LP  | 5/4  | 32/10  | 32/14  | 100/20 | 0/0   | 0/0 |       |
| KI7Y    | 8,062   | 124   | 29  | SOU-CW-HP  | 0/0  | 10/4   | 55/14  | 55/9   | 4/2   | 0/0 |       |

|                    |           |       |     |            |      |        |        |          |       |     |                                                   |
|--------------------|-----------|-------|-----|------------|------|--------|--------|----------|-------|-----|---------------------------------------------------|
| W7WHY              | 4,928     | 99    | 22  | SOU-CW-HP  | 0/0  | 8/3    | 50/12  | 41/7     | 0/0   | 0/0 |                                                   |
| KT7E               | 849,028   | 1,635 | 167 | MSHP       | 10/7 | 153/29 | 567/51 | 868/68   | 35/11 | 2/1 | K7RF, K7ZS, KB6MW, KE7AUB, KI7Y, KL9A, KR7X, W7ZB |
| W7XQ               | 162,032   | 794   | 82  | MSHP       | 0/0  | 17/7   | 151/32 | 619/37   | 7/6   | 0/0 | W7VO, W7XQ                                        |
|                    |           |       |     |            |      |        |        |          |       |     |                                                   |
| Utah               |           |       |     |            |      |        |        |          |       |     |                                                   |
| NG7M               | 77,436    | 553   | 54  | SO-MIX-HP  | 0/0  | 27/6   | 191/24 | 323/18   | 12/6  | 0/0 |                                                   |
| K1LOK              | 966       | 33    | 14  | SO-PH-LP   | 0/0  | 0/0    | 10/5   | 23/9     | 0/0   | 0/0 |                                                   |
| AK7O               | 392       | 23    | 8   | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 23/8     | 0/0   | 0/0 |                                                   |
| K7UT               | 29,450    | 211   | 50  | SOU-MIX-HP | 0/0  | 1/1    | 54/15  | 156/34   | 0/0   | 0/0 |                                                   |
| K7ULS              | 3,933     | 85    | 19  | SOU-CW-LP  | 0/0  | 6/4    | 77/13  | 0/0      | 2/2   | 0/0 |                                                   |
| W7SU               | 1,080     | 43    | 12  | MSHP       | 0/0  | 0/0    | 0/0    | 43/12    | 0/0   | 0/0 | KE7DOA, KG7LIG, KI7BIK, KW7TES, WØKP              |
|                    |           |       |     |            |      |        |        |          |       |     |                                                   |
| Western Washington |           |       |     |            |      |        |        |          |       |     |                                                   |
| W7PU               | 73,201    | 382   | 71  | SO-MIX-HP  | 0/0  | 36/10  | 71/15  | 267/42   | 8/4   | 0/0 | N7EPD                                             |
| W7WA               | 851,422   | 2,024 | 143 | SO-PH-HP   | 4/4  | 60/20  | 484/43 | 1,452/62 | 23/13 | 1/1 |                                                   |
| W7AUM              | 5,250     | 130   | 15  | SO-PH-HP   | 0/0  | 0/0    | 0/0    | 130/15   | 0/0   | 0/0 |                                                   |
| KH6VM              | 1,139     | 27    | 17  | SO-PH-HP   | 0/0  | 0/0    | 15/10  | 12/7     | 0/0   | 0/0 |                                                   |
| KKØA               | 1,022     | 31    | 14  | SO-PH-HP   | 0/0  | 2/2    | 16/7   | 13/5     | 0/0   | 0/0 |                                                   |
| K9QJS              | 612       | 22    | 12  | SO-PH-HP   | 0/0  | 0/0    | 0/0    | 22/12    | 0/0   | 0/0 |                                                   |
| KG7DAB             | 296       | 20    | 8   | SO-PH-LP   | 0/0  | 1/1    | 1/1    | 18/6     | 0/0   | 0/0 |                                                   |
| N7WA               | 114,924   | 672   | 61  | SO-CW-HP   | 0/0  | 59/12  | 317/26 | 272/16   | 24/7  | 0/0 |                                                   |
| K7HBN              | 54,020    | 261   | 73  | SO-CW-LP   | 0/0  | 22/7   | 89/24  | 133/35   | 15/5  | 2/2 |                                                   |
| WC7Q               | 38,565    | 307   | 45  | SO-CW-HP   | 0/0  | 0/0    | 84/15  | 214/26   | 9/4   | 0/0 |                                                   |
| KB7N               | 8,745     | 102   | 33  | SO-CW-HP   | 0/0  | 10/5   | 57/15  | 35/13    | 0/0   | 0/0 |                                                   |
| K7SS               | 6,003     | 88    | 29  | SO-CW-LP   | 11/4 | 9/6    | 38/7   | 30/12    | 0/0   | 0/0 |                                                   |
| AB7RW              | 5,166     | 92    | 21  | SO-CW-LP   | 0/0  | 0/0    | 3/2    | 86/17    | 3/2   | 0/0 |                                                   |
| K7WA               | 3,774     | 104   | 17  | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 93/14    | 11/3  | 0/0 |                                                   |
| W7POE              | 2,907     | 83    | 17  | SO-CW-LP   | 0/0  | 2/1    | 38/7   | 39/7     | 4/2   | 0/0 |                                                   |
| WT8P               | 2,430     | 60    | 18  | SO-CW-LP   | 0/0  | 6/3    | 13/7   | 41/8     | 0/0   | 0/0 |                                                   |
| KT7G               | 1,800     | 44    | 18  | SO-CW-LP   | 0/0  | 0/0    | 35/12  | 9/6      | 0/0   | 0/0 |                                                   |
| W7UDH              | 1,368     | 44    | 12  | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 44/12    | 0/0   | 0/0 |                                                   |
| KB7AK              | 450       | 17    | 10  | SO-CW-LP   | 0/0  | 4/3    | 11/5   | 0/0      | 2/2   | 0/0 |                                                   |
| K7JNA              | 147       | 10    | 7   | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 9/6      | 1/1   | 0/0 |                                                   |
| K7RL               | 1,195,922 | 2,088 | 182 | SOU-MIX-HP | 17/7 | 210/26 | 584/55 | 1,210/69 | 60/20 | 7/5 |                                                   |
| K7EG               | 2,544     | 39    | 24  | SOU-MIX-HP | 0/0  | 0/0    | 18/11  | 21/13    | 0/0   | 0/0 |                                                   |
| WZ8T               | 59,954    | 388   | 62  | SOU-PH-LP  | 0/0  | 6/3    | 53/20  | 328/38   | 1/1   | 0/0 |                                                   |
| KC7EFP             | 103,050   | 556   | 75  | SOU-CW-HP  | 5/3  | 88/16  | 156/23 | 298/30   | 9/3   | 0/0 |                                                   |
| N7BV               | 77,444    | 377   | 76  | SOU-CW-HP  | 0/0  | 0/0    | 56/23  | 321/53   | 0/0   | 0/0 |                                                   |
| W7VXS              | 45,738    | 245   | 66  | SOU-CW-HP  | 0/0  | 10/5   | 75/21  | 159/39   | 1/1   | 0/0 |                                                   |
| W9PL               | 20,016    | 161   | 48  | SOU-CW-HP  | 0/0  | 26/9   | 75/21  | 60/18    | 0/0   | 0/0 |                                                   |
| K6KR               | 17,719    | 138   | 47  | SOU-CW-HP  | 0/0  | 0/0    | 40/16  | 98/31    | 0/0   | 0/0 |                                                   |
| KE7RW              | 8,085     | 94    | 35  | SOU-CW-LP  | 3/2  | 9/4    | 27/15  | 54/13    | 1/1   | 0/0 |                                                   |
| W6OAT              | 1,936     | 42    | 16  | SOU-CW-HP  | 0/0  | 0/0    | 0/0    | 42/16    | 0/0   | 0/0 |                                                   |

|                  |           |       |       |            |       |        |        |        |        |       |                           |
|------------------|-----------|-------|-------|------------|-------|--------|--------|--------|--------|-------|---------------------------|
| K7RI             | 318,530   | 996   | 106   | MSHP       | 3/1   | 88/18  | 348/36 | 539/46 | 18/5   | 0/0   | K7RI, K7ZQ, KE6FE, N6KW   |
| K7BTW            | 311,880   | 1,284 | 92    | MSHP       | 0/0   | 34/9   | 463/35 | 781/44 | 6/4    | 0/0   | K7BTW, K7MO, K7VAP, N9ADG |
|                  |           |       |       |            |       |        |        |        |        |       |                           |
| Call             | Score     | QSOs  | Mults | Category   | 160   | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host   |
| Zone 7           |           |       |       |            |       |        |        |        |        |       |                           |
|                  |           |       |       |            |       |        |        |        |        |       |                           |
| U.S. Call Area 0 |           |       |       |            |       |        |        |        |        |       |                           |
|                  |           |       |       |            |       |        |        |        |        |       |                           |
| Colorado         |           |       |       |            |       |        |        |        |        |       |                           |
| WØETT            | 73,186    | 343   | 74    | SO-MIX-HP  | 0/0   | 7/2    | 57/13  | 245/41 | 34/18  | 0/0   |                           |
| KØKR             | 44,184    | 285   | 56    | SO-MIX-LP  | 0/0   | 38/11  | 95/17  | 134/19 | 16/7   | 2/2   |                           |
| WA2JQZ           | 6,188     | 81    | 26    | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 75/22  | 5/3    | 1/1   |                           |
| NAØED            | 1,989     | 43    | 17    | SO-MIX-LP  | 0/0   | 0/0    | 8/5    | 34/11  | 1/1    | 0/0   |                           |
| NØWRK            | 627       | 21    | 11    | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 21/11  | 0/0    | 0/0   |                           |
| KFØJB            | 495       | 23    | 9     | SO-PH-LP   | 0/0   | 0/0    | 5/1    | 18/8   | 0/0    | 0/0   |                           |
| KDØBLZ           | 261       | 11    | 9     | SO-PH-LP   | 0/0   | 0/0    | 4/3    | 7/6    | 0/0    | 0/0   |                           |
| KDØQG            | 148       | 11    | 4     | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 11/4   | 0/0    | 0/0   |                           |
| WØHGW            | 3         | 1     | 1     | SO-PH-QRP  | 0/0   | 0/0    | 0/0    | 1/1    | 0/0    | 0/0   |                           |
| WØUA             | 1,005,890 | 1,806 | 170   | SO-CW-HP   | 43/11 | 149/22 | 681/56 | 740/51 | 191/28 | 2/2   |                           |
| N5AW             | 38,184    | 170   | 74    | SO-CW-LP   | 0/0   | 39/12  | 64/26  | 47/26  | 20/10  | 0/0   |                           |
| NN7A             | 37,076    | 263   | 52    | SO-CW-LP   | 0/0   | 30/7   | 117/22 | 116/23 | 0/0    | 0/0   |                           |
| NØAC             | 3,654     | 72    | 18    | SO-CW-LP   | 0/0   | 0/0    | 18/7   | 54/11  | 0/0    | 0/0   |                           |
| WØCP             | 432       | 21    | 8     | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 21/8   | 0/0    | 0/0   |                           |
| KIØG             | 80        | 10    | 4     | SO-CW-QRP  | 0/0   | 0/0    | 0/0    | 10/4   | 0/0    | 0/0   |                           |
| KØSAZ            | -56       | 1     | 1     | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 0/0    | 1/1    | 0/0   |                           |
| WØJWR            | 936       | 27    | 12    | SOU-MIX-LP | 0/0   | 0/0    | 9/4    | 15/6   | 3/2    | 0/0   |                           |
| KØAE             | 408       | 14    | 12    | SOU-MIX-LP | 0/0   | 0/0    | 14/12  | 0/0    | 0/0    | 0/0   |                           |
| AD1C             | 55,877    | 264   | 71    | SOU-CW-LP  | 0/0   | 0/0    | 98/27  | 158/39 | 8/5    | 0/0   |                           |
| NØKE             | 21,888    | 254   | 32    | MSHP       | 0/0   | 0/0    | 0/0    | 244/26 | 10/6   | 0/0   | ADØLI, NØKE               |
|                  |           |       |       |            |       |        |        |        |        |       |                           |
| Iowa             |           |       |       |            |       |        |        |        |        |       |                           |
| N9HDE            | 36,472    | 288   | 47    | SO-MIX-LP  | 0/0   | 0/0    | 162/25 | 93/13  | 28/6   | 5/3   |                           |
| WØKWB            | 488       | 24    | 8     | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 24/8   | 0/0    | 0/0   |                           |
| N5KB             | 9,912     | 152   | 24    | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 142/20 | 10/4   | 0/0   |                           |
| NØAV             | 325,254   | 715   | 151   | SOU-CW-HP  | 16/6  | 52/15  | 108/40 | 396/56 | 85/23  | 58/11 |                           |
|                  |           |       |       |            |       |        |        |        |        |       |                           |
| Kansas           |           |       |       |            |       |        |        |        |        |       |                           |
| K3PA             | 1,035,090 | 1,578 | 217   | SO-MIX-HP  | 40/9  | 156/41 | 491/66 | 650/54 | 211/40 | 30/7  |                           |
| WØYJT            | 34,713    | 218   | 57    | SO-MIX-LP  | 0/0   | 0/0    | 46/14  | 141/31 | 25/8   | 6/4   |                           |
| WØJMW            | 1,683     | 52    | 11    | SO-PH-QRP  | 0/0   | 0/0    | 15/4   | 37/7   | 0/0    | 0/0   |                           |
| WA5SWN           | 936       | 78    | 12    | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0   |                           |
| WØUY             | 63,674    | 259   | 79    | SO-CW-HP   | 0/0   | 6/2    | 63/24  | 143/40 | 28/8   | 19/5  |                           |
| ADØAB            | 12,886    | 138   | 34    | SO-CW-HP   | 4/2   | 0/0    | 73/20  | 59/10  | 2/2    | 0/0   |                           |
| KØWRY            | 2,338     | 60    | 14    | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 56/12  | 4/2    | 0/0   |                           |

|           |         |       |     |            |       |        |        |        |        |       |        |
|-----------|---------|-------|-----|------------|-------|--------|--------|--------|--------|-------|--------|
| ACØE      | 1,260   | 31    | 14  | SO-CW-LP   | 0/0   | 0/0    | 31/14  | 0/0    | 0/0    | 0/0   |        |
| KØBJ      | 141,480 | 375   | 131 | SOU-MIX-HP | 1/1   | 10/6   | 105/42 | 192/50 | 67/32  | 0/0   |        |
| KØVBU     | 80,580  | 351   | 79  | SOU-CW-LP  | 0/0   | 45/12  | 48/17  | 210/37 | 38/10  | 10/3  |        |
| N9GB      | 16,244  | 96    | 62  | SOU-CW-HP  | 0/0   | 32/20  | 27/18  | 34/21  | 3/3    | 0/0   |        |
| NØXM      | 7,072   | 85    | 32  | SOU-CW-HP  | 0/0   | 7/2    | 10/7   | 57/20  | 11/3   | 0/0   |        |
|           |         |       |     |            |       |        |        |        |        |       |        |
| Minnesota |         |       |     |            |       |        |        |        |        |       |        |
| AEØEE     | 46,096  | 256   | 67  | SO-MIX-LP  | 9/5   | 33/10  | 65/20  | 127/24 | 9/5    | 13/3  |        |
| KA8HDE    | 40,376  | 320   | 49  | SO-MIX-LP  | 0/0   | 5/2    | 103/18 | 187/19 | 19/6   | 6/4   |        |
| WAØLJM    | 30,360  | 246   | 44  | SO-MIX-LP  | 0/0   | 0/0    | 5/3    | 164/27 | 61/10  | 16/4  |        |
| W6GMT     | 5,616   | 85    | 27  | SO-MIX-LP  | 0/0   | 0/0    | 44/13  | 41/14  | 0/0    | 0/0   |        |
| KØDVT     | 32      | 4     | 4   | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 4/4    | 0/0    | 0/0   |        |
| KØVG      | 4,495   | 60    | 29  | SO-PH-HP   | 0/0   | 0/0    | 11/7   | 45/19  | 4/3    | 0/0   |        |
| KØOP      | 1,615   | 35    | 17  | SO-PH-LP   | 0/0   | 0/0    | 11/5   | 24/12  | 0/0    | 0/0   |        |
| NGØC      | 1,368   | 29    | 18  | SO-PH-LP   | 0/0   | 5/4    | 23/13  | 1/1    | 0/0    | 0/0   |        |
| KEØRJE    | 360     | 45    | 8   | SO-PH-QRP  | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0   |        |
| KØAD      | 293,170 | 1,101 | 95  | SO-CW-LP   | 24/6  | 104/10 | 327/33 | 450/28 | 164/13 | 32/5  |        |
| KØJJR     | 74,508  | 317   | 84  | SO-CW-HP   | 6/3   | 11/5   | 54/24  | 155/31 | 70/14  | 21/7  |        |
| KEØTT     | 28,704  | 207   | 52  | SO-CW-QRP  | 0/0   | 11/4   | 53/17  | 121/24 | 22/7   | 0/0   |        |
| WAØLIF    | 3,504   | 64    | 24  | SO-CW-LP   | 0/0   | 4/3    | 4/2    | 37/10  | 16/7   | 3/2   |        |
| NØUK      | 36      | 5     | 4   | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 5/4    | 0/0    | 0/0   |        |
| KØKX      | 180,721 | 390   | 127 | SOU-MIX-HP | 6/6   | 50/32  | 141/41 | 193/48 | 0/0    | 0/0   |        |
| KØEA      | 133,560 | 632   | 72  | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 526/53 | 106/19 | 0/0   |        |
| WXØZ      | 4,864   | 56    | 32  | SOU-PH-HP  | 0/0   | 1/1    | 11/8   | 39/20  | 5/3    | 0/0   |        |
| K9TWW     | 546     | 20    | 13  | SOU-PH-HP  | 0/0   | 0/0    | 4/3    | 5/4    | 10/5   | 1/1   |        |
| NØEO      | 0       | 0     | 0   | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0   | AAØAW  |
| WBØN      | 105,570 | 403   | 90  | SOU-CW-HP  | 4/2   | 34/10  | 142/30 | 182/38 | 27/7   | 14/3  |        |
| K4IU      | 41,925  | 242   | 65  | SOU-CW-HP  | 0/0   | 10/4   | 49/16  | 140/28 | 35/11  | 8/6   |        |
| KØMPH     | 20,102  | 189   | 38  | SOU-CW-LP  | 0/0   | 0/0    | 36/13  | 153/25 | 0/0    | 0/0   |        |
| KØMD      | 17,545  | 111   | 55  | SOU-CW-HP  | 0/0   | 0/0    | 24/14  | 55/25  | 10/9   | 22/7  |        |
|           |         |       |     |            |       |        |        |        |        |       |        |
| Missouri  |         |       |     |            |       |        |        |        |        |       |        |
| NIØG      | 6,771   | 84    | 37  | SO-MIX-LP  | 0/0   | 11/3   | 41/15  | 30/17  | 1/1    | 1/1   |        |
| KØBMC     | 1,836   | 55    | 12  | SO-MIX-LP  | 0/0   | 0/0    | 5/2    | 50/10  | 0/0    | 0/0   |        |
| KYØO      | 549     | 23    | 9   | SO-MIX-LP  | 0/0   | 0/0    | 23/9   | 0/0    | 0/0    | 0/0   |        |
| WØNFS     | 45      | 5     | 5   | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 2/2    | 3/3    | 0/0   |        |
| AEØTT     | 10,990  | 119   | 35  | SO-PH-LP   | 0/0   | 0/0    | 52/16  | 57/15  | 9/3    | 1/1   |        |
| W7KAM     | 8,460   | 84    | 36  | SO-PH-LP   | 0/0   | 0/0    | 14/7   | 65/24  | 3/3    | 2/2   |        |
| KØSCO     | 3,402   | 61    | 21  | SO-PH-LP   | 0/0   | 3/2    | 9/5    | 44/10  | 4/3    | 1/1   |        |
| KDØWAN    | 935     | 31    | 11  | SO-PH-LP   | 0/0   | 0/0    | 11/5   | 19/5   | 1/1    | 0/0   |        |
| KEØPQY    | 520     | 20    | 10  | SO-PH-LP   | 0/0   | 0/0    | 7/5    | 13/5   | 0/0    | 0/0   |        |
| KEØRNB    | 104     | 8     | 4   | SO-PH-LP   | 0/0   | 0/0    | 1/1    | 7/3    | 0/0    | 0/0   |        |
| KE5JSY    | 655,155 | 1,137 | 207 | SO-CW-LP   | 48/12 | 193/34 | 290/51 | 488/59 | 104/41 | 14/10 | IZ3EYZ |
| NØTT      | 49,077  | 424   | 41  | SO-CW-HP   | 0/0   | 0/0    | 424/41 | 0/0    | 0/0    | 0/0   |        |

|                  |           |       |     |            |       |        |        |          |        |        |                                          |
|------------------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|--------|------------------------------------------|
| ADØBI            | 15,504    | 113   | 51  | SO-CW-LP   | 9/4   | 18/6   | 25/9   | 40/21    | 12/7   | 9/4    |                                          |
| NWØM             | 4,860     | 99    | 18  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 49/10    | 27/3   | 23/5   |                                          |
| K2HT             | 2,244     | 52    | 17  | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 30/9     | 12/4   | 10/4   |                                          |
| NØAX             | 593,700   | 1,312 | 150 | MSHP       | 28/6  | 183/24 | 137/23 | 815/67   | 124/26 | 25/4   | AAØZ, KØSND, NØAX, NØSSC, WBØSND, WBØTUA |
| WØECC            | 329,324   | 1,007 | 116 | MSHP       | 0/0   | 89/11  | 593/51 | 174/24   | 151/30 | 0/0    | AAØZ, KØSND, NØAX, NØSSC, WBØSND, WBØTUA |
|                  |           |       |     |            |       |        |        |          |        |        |                                          |
| Nebraska         |           |       |     |            |       |        |        |          |        |        |                                          |
| KEØJYJ           | 270       | 10    | 9   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 10/9     | 0/0    | 0/0    |                                          |
| KØKPH            | 3,144     | 44    | 24  | SO-CW-HP   | 0/0   | 11/5   | 17/8   | 16/11    | 0/0    | 0/0    |                                          |
| KØKZO            | 2,970     | 80    | 15  | SO-CW-LP   | 0/0   | 2/2    | 39/6   | 39/7     | 0/0    | 0/0    |                                          |
|                  |           |       |     |            |       |        |        |          |        |        |                                          |
| North Dakota     |           |       |     |            |       |        |        |          |        |        |                                          |
| KDØWUQ           | 1,044     | 38    | 12  | SO-MIX-LP  | 0/0   | 1/1    | 13/6   | 24/5     | 0/0    | 0/0    |                                          |
| WØOS             | 39,345    | 239   | 61  | SO-CW-LP   | 0/0   | 21/6   | 96/25  | 69/20    | 53/10  | 0/0    |                                          |
|                  |           |       |     |            |       |        |        |          |        |        |                                          |
| South Dakota     |           |       |     |            |       |        |        |          |        |        |                                          |
| KDØZXI           | 1,222     | 35    | 13  | SO-PH-LP   | 0/0   | 0/0    | 20/8   | 15/5     | 0/0    | 0/0    |                                          |
| WDØT             | 570,354   | 1,432 | 138 | SO-CW-HP   | 28/6  | 147/15 | 427/39 | 626/51   | 163/20 | 41/7   |                                          |
| KØJV             | 1,360     | 28    | 17  | SO-CW-LP   | 0/0   | 7/6    | 8/4    | 13/7     | 0/0    | 0/0    |                                          |
| KTØA             | 35,298    | 153   | 74  | SOU-CW-HP  | 0/0   | 13/6   | 34/22  | 91/37    | 15/9   | 0/0    |                                          |
|                  |           |       |     |            |       |        |        |          |        |        |                                          |
| U.S. Call Area 5 |           |       |     |            |       |        |        |          |        |        |                                          |
|                  |           |       |     |            |       |        |        |          |        |        |                                          |
| Arkansas         |           |       |     |            |       |        |        |          |        |        |                                          |
| KD5ILA           | 825       | 23    | 15  | SO-PH-LP   | 0/0   | 0/0    | 5/3    | 15/10    | 1/1    | 2/1    |                                          |
| KD5J             | 7,473     | 65    | 47  | SO-CW-LP   | 0/0   | 0/0    | 14/10  | 21/16    | 20/14  | 10/7   |                                          |
| W5KI             | 1,938     | 39    | 19  | SO-CW-LP   | 0/0   | 9/5    | 19/6   | 3/3      | 6/3    | 2/2    |                                          |
| W5XNA            | 276       | 18    | 6   | SO-CW-LP   | 0/0   | 0/0    | 2/2    | 16/4     | 0/0    | 0/0    |                                          |
| K5RM             | 133,214   | 545   | 86  | SOU-CW-HP  | 4/2   | 10/10  | 109/19 | 286/32   | 85/15  | 51/8   |                                          |
|                  |           |       |     |            |       |        |        |          |        |        |                                          |
| Louisiana        |           |       |     |            |       |        |        |          |        |        |                                          |
| KA5M             | 93,694    | 398   | 79  | SO-CW-HP   | 0/0   | 32/9   | 215/43 | 144/24   | 5/2    | 2/1    |                                          |
| W5LA             | 9,396     | 127   | 27  | SO-CW-QRP  | 0/0   | 4/2    | 38/9   | 59/9     | 19/4   | 7/3    |                                          |
| W4HVVH           | 1,183     | 37    | 13  | SO-CW-LP   | 0/0   | 0/0    | 15/8   | 19/4     | 3/1    | 0/0    |                                          |
| N8OO             | 1,669,269 | 2,611 | 203 | SOU-MIX-HP | 85/19 | 223/26 | 543/55 | 1,307/56 | 314/31 | 139/16 |                                          |
| AC5O             | 114,635   | 401   | 101 | SOU-MIX-LP | 0/0   | 0/0    | 183/40 | 153/39   | 58/20  | 7/2    |                                          |
|                  |           |       |     |            |       |        |        |          |        |        |                                          |
| Mississippi      |           |       |     |            |       |        |        |          |        |        |                                          |
| K5XU             | 21,500    | 164   | 43  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 114/27   | 37/13  | 13/3   |                                          |
|                  |           |       |     |            |       |        |        |          |        |        |                                          |
| New Mexico       |           |       |     |            |       |        |        |          |        |        |                                          |
| KC2LM            | 4,482     | 95    | 18  | SO-MIX-LP  | 0/0   | 0/0    | 11/2   | 80/13    | 4/3    | 0/0    |                                          |
| KD5JDS           | 336       | 20    | 6   | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 20/6     | 0/0    | 0/0    |                                          |
| K5TBA            | 4,059     | 44    | 33  | SO-PH-HP   | 0/0   | 0/0    | 18/15  | 26/18    | 0/0    | 0/0    |                                          |

|             |           |       |     |            |       |        |        |          |        |        |            |
|-------------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|--------|------------|
| N2IC        | 1,507,099 | 2,277 | 209 | SO-CW-HP   | 72/14 | 264/38 | 823/61 | 967/56   | 151/40 | 0/0    |            |
|             |           |       |     |            |       |        |        |          |        |        |            |
| North Texas |           |       |     |            |       |        |        |          |        |        |            |
| KM5JV       | 12,645    | 104   | 45  | SO-PH-LP   | 0/0   | 0/0    | 64/28  | 35/13    | 5/4    | 0/0    |            |
| NW5Q        | 9,633     | 87    | 39  | SO-PH-LP   | 0/0   | 4/3    | 21/9   | 58/24    | 4/3    | 0/0    |            |
| K5TYR       | 630       | 24    | 10  | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 24/10    | 0/0    | 0/0    | WM5Q       |
| AA5AH       | 328       | 18    | 8   | SO-PH-LP   | 0/0   | 2/2    | 14/5   | 2/1      | 0/0    | 0/0    |            |
| W9DXM       | 288       | 15    | 6   | SO-PH-LP   | 0/0   | 0/0    | 3/3    | 12/3     | 0/0    | 0/0    |            |
| WXØB        | 1,332,000 | 2,039 | 200 | SO-CW-HP   | 24/8  | 221/36 | 599/61 | 745/54   | 374/34 | 76/7   | AD5Q       |
| NN5T        | 180,544   | 496   | 124 | SO-CW-LP   | 6/4   | 70/15  | 203/51 | 179/40   | 32/11  | 6/3    |            |
| W5RYA       | 151,715   | 568   | 95  | SO-CW-LP   | 0/0   | 85/15  | 168/33 | 273/35   | 34/9   | 8/3    |            |
| W8FN        | 84,168    | 398   | 72  | SO-CW-HP   | 0/0   | 14/8   | 236/38 | 148/26   | 0/0    | 0/0    |            |
| K5LY        | 45,178    | 298   | 49  | SO-CW-HP   | 3/1   | 40/9   | 101/17 | 137/16   | 11/4   | 6/2    |            |
| WA5LFD      | 18,767    | 146   | 49  | SO-CW-LP   | 0/0   | 17/6   | 60/20  | 44/16    | 13/4   | 12/3   |            |
| AE5P        | 4,992     | 64    | 26  | SO-CW-LP   | 0/0   | 0/0    | 13/11  | 47/13    | 4/2    | 0/0    |            |
| N5TJ        | 4,712     | 49    | 38  | SO-CW-LP   | 0/0   | 1/1    | 23/18  | 15/14    | 6/4    | 4/1    |            |
| WB5K        | 1,144     | 40    | 11  | SO-CW-LP   | 0/0   | 0/0    | 12/4   | 26/6     | 2/1    | 0/0    |            |
| N5JR        | 337,848   | 683   | 168 | SOU-MIX-HP | 0/0   | 42/17  | 117/44 | 372/61   | 136/33 | 16/13  |            |
| N3BUO       | 3,762     | 76    | 19  | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 19/6     | 50/12  | 7/1    |            |
| NT5TT       | 2,618     | 61    | 17  | SOU-MIX-LP | 0/0   | 0/0    | 6/4    | 52/12    | 3/1    | 0/0    |            |
| N5DD        | 1,694     | 28    | 22  | SOU-MIX-HP | 0/0   | 0/0    | 22/16  | 6/6      | 0/0    | 0/0    |            |
| WA5LXS      | 222       | 13    | 6   | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 13/6     | 0/0    | 0/0    |            |
| KI5MM       | 13,908    | 94    | 57  | SOU-PH-LP  | 0/0   | 1/1    | 8/7    | 63/30    | 17/15  | 5/4    |            |
| WØVX        | 141,327   | 393   | 123 | SOU-CW-HP  | 0/0   | 9/4    | 84/33  | 174/48   | 87/26  | 39/12  |            |
| K5CI        | 79,605    | 302   | 87  | SOU-CW-HP  | 0/0   | 32/10  | 130/40 | 137/35   | 3/2    | 0/0    |            |
| K5BG        | 22,428    | 122   | 63  | SOU-CW-HP  | 0/0   | 0/0    | 33/23  | 64/27    | 15/9   | 10/4   |            |
| KD2KW       | 3,663     | 43    | 33  | SOU-CW-LP  | 0/0   | 0/0    | 20/15  | 18/13    | 5/5    | 0/0    |            |
| NM5M        | 8,556     | 98    | 31  | MSHP       | 0/0   | 14/5   | 57/17  | 23/6     | 4/3    | 0/0    | N5KO, NM5M |
|             |           |       |     |            |       |        |        |          |        |        |            |
| Oklahoma    |           |       |     |            |       |        |        |          |        |        |            |
| W5TD        | 33,660    | 234   | 51  | SO-MIX-LP  | 0/0   | 15/5   | 56/15  | 129/21   | 24/8   | 10/2   |            |
| W5GFI       | 98,687    | 410   | 83  | SO-PH-HP   | 0/0   | 26/7   | 141/23 | 217/42   | 24/9   | 2/2    |            |
| K5YM        | 6,270     | 75    | 30  | SO-PH-QRP  | 0/0   | 0/0    | 0/0    | 62/22    | 11/6   | 2/2    |            |
| W8AW        | 3         | 2     | 1   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 2/1      | 0/0    | 0/0    |            |
| N5OT        | 221,400   | 640   | 120 | SO-CW-HP   | 0/0   | 98/18  | 210/40 | 204/37   | 108/22 | 20/3   |            |
| K5CM        | 856,254   | 1,582 | 174 | SOU-MIX-HP | 0/0   | 147/35 | 566/51 | 705/49   | 120/32 | 44/7   | W5CW       |
| K5UV        | 37,680    | 295   | 48  | SOU-CW-HP  | 0/0   | 63/6   | 117/21 | 110/18   | 5/3    | 0/0    |            |
| NQ5M        | 12,274    | 120   | 34  | SOU-CW-LP  | 0/0   | 0/0    | 33/15  | 87/19    | 0/0    | 0/0    |            |
|             |           |       |     |            |       |        |        |          |        |        |            |
| South Texas |           |       |     |            |       |        |        |          |        |        |            |
| K5GN        | 1,857,288 | 2,556 | 228 | SO-MIX-HP  | 52/13 | 181/34 | 725/60 | 1,040/62 | 372/38 | 186/21 |            |
| WA5DSS      | 31,086    | 178   | 66  | SO-MIX-HP  | 0/0   | 18/6   | 38/15  | 84/29    | 28/15  | 10/1   |            |
| KN5S        | 10,115    | 110   | 35  | SO-MIX-HP  | 0/0   | 0/0    | 0/0    | 104/31   | 6/4    | 0/0    | K5WW       |
| N5PBP       | 702       | 22    | 13  | SO-MIX-LP  | 0/0   | 0/0    | 6/3    | 16/10    | 0/0    | 0/0    |            |

[illegible]



|                       |           |       |     |            |        |        |        |          |        |        |                                          |
|-----------------------|-----------|-------|-----|------------|--------|--------|--------|----------|--------|--------|------------------------------------------|
|                       |           |       |     |            |        |        |        |          |        |        |                                          |
| Eastern Massachusetts |           |       |     |            |        |        |        |          |        |        |                                          |
| W1MJ                  | 81,600    | 419   | 85  | SO-MIX-LP  | 0/0    | 26/9   | 177/32 | 132/27   | 78/15  | 6/2    |                                          |
| K1TW                  | 4,941     | 59    | 27  | SO-MIX-LP  | 0/0    | 0/0    | 0/0    | 50/19    | 7/6    | 2/2    |                                          |
| KB1OIQ                | 2,208     | 49    | 23  | SO-MIX-LP  | 0/0    | 11/2   | 18/11  | 17/9     | 0/0    | 3/1    |                                          |
| N1ATM                 | 75        | 8     | 5   | SO-MIX-LP  | 0/0    | 0/0    | 1/1    | 7/4      | 0/0    | 0/0    |                                          |
| NY1US                 | 56        | 4     | 4   | SO-MIX-LP  | 0/0    | 0/0    | 4/4    | 0/0      | 0/0    | 0/0    |                                          |
| K1YWW                 | 4,346     | 51    | 41  | SO-PH-LP   | 0/0    | 6/6    | 2/2    | 23/17    | 13/10  | 7/6    |                                          |
| KC1FOZ                | 2,193     | 43    | 17  | SO-PH-LP   | 0/0    | 0/0    | 8/5    | 32/9     | 3/3    | 0/0    |                                          |
| W1KM                  | 2,080,806 | 2,433 | 259 | SO-CW-HP   | 101/29 | 345/47 | 515/53 | 1,013/60 | 246/42 | 213/28 |                                          |
| N3ER                  | 166,584   | 440   | 132 | SO-CW-HP   | 6/5    | 46/22  | 69/27  | 228/43   | 61/23  | 30/12  |                                          |
| N1QY                  | 136,080   | 551   | 112 | SO-CW-LP   | 8/5    | 106/27 | 133/35 | 219/33   | 85/12  | 0/0    |                                          |
| W1FJ                  | 111,300   | 436   | 106 | SO-CW-HP   | 0/0    | 46/21  | 99/27  | 138/34   | 67/13  | 86/11  |                                          |
| K8MR                  | 99,510    | 427   | 107 | SO-CW-LP   | 0/0    | 45/16  | 102/30 | 133/37   | 89/17  | 58/7   |                                          |
| N2AN                  | 84,224    | 395   | 94  | SO-CW-LP   | 3/3    | 30/18  | 122/28 | 160/24   | 70/18  | 10/3   | WC4E                                     |
| W1WEF                 | 53,088    | 356   | 79  | SO-CW-LP   | 0/0    | 36/18  | 81/22  | 84/23    | 77/8   | 78/8   |                                          |
| N1NN                  | 30,723    | 250   | 57  | SO-CW-HP   | 0/0    | 6/3    | 79/23  | 116/22   | 39/7   | 10/2   |                                          |
| K1MC                  | 11,160    | 153   | 31  | SO-CW-HP   | 0/0    | 0/0    | 0/0    | 153/31   | 0/0    | 0/0    |                                          |
| K1SEC                 | 2,013     | 104   | 11  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 104/11   | 0/0    | 0/0    |                                          |
| W2CS                  | 1,605     | 51    | 15  | SO-CW-LP   | 0/0    | 0/0    | 1/1    | 0/0      | 42/12  | 8/2    |                                          |
| K1DJ                  | 370,062   | 764   | 189 | SOU-MIX-HP | 16/5   | 80/27  | 169/49 | 284/53   | 114/30 | 101/25 |                                          |
| W1EBI                 | 211,388   | 527   | 172 | SOU-MIX-HP | 4/3    | 52/27  | 96/52  | 232/50   | 106/27 | 37/13  |                                          |
| WA1DRQ                | 12,358    | 177   | 37  | SOU-MIX-LP | 0/0    | 0/0    | 0/0    | 81/18    | 76/12  | 20/7   |                                          |
| K1KP                  | 40,432    | 168   | 76  | SOU-PH-HP  | 0/0    | 0/0    | 4/4    | 124/47   | 36/23  | 4/2    |                                          |
| AB1J                  | 2,337     | 75    | 19  | SOU-CW-LP  | 0/0    | 4/3    | 5/2    | 0/0      | 31/9   | 35/5   |                                          |
| K1IR                  | 1,624,110 | 1,955 | 258 | MSHP       | 31/8   | 172/49 | 532/71 | 931/68   | 225/42 | 64/20  | K1IR, KE1J                               |
| N1SOH                 | 143,766   | 520   | 126 | MSHP       | 9/5    | 57/22  | 127/36 | 187/36   | 131/24 | 9/3    | N1SOH, W1FM                              |
| W1SRG                 | 2,660     | 44    | 20  | MSHP       | 0/0    | 0/0    | 0/0    | 44/20    | 0/0    | 0/0    | AG1C, W1JSR                              |
|                       |           |       |     |            |        |        |        |          |        |        |                                          |
| Maine                 |           |       |     |            |        |        |        |          |        |        |                                          |
| NA3D                  | 378,696   | 1,275 | 124 | SO-PH-HP   | 0/0    | 23/18  | 277/37 | 805/45   | 133/19 | 37/5   |                                          |
| AB1EP                 | 26,076    | 255   | 41  | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 255/41   | 0/0    | 0/0    |                                          |
| W1ABK                 | 170       | 8     | 5   | SO-PH-LP   | 0/0    | 0/0    | 8/5    | 0/0      | 0/0    | 0/0    |                                          |
| K1IMI                 | 484,484   | 1,139 | 154 | SO-CW-HP   | 0/0    | 71/23  | 376/42 | 519/47   | 129/29 | 44/13  | N4CW                                     |
| W2IY                  | 105,448   | 303   | 98  | SO-CW-LP   | 0/0    | 0/0    | 7/7    | 213/51   | 73/34  | 10/6   |                                          |
| K1DG                  | 41,354    | 219   | 58  | SO-CW-LP   | 0/0    | 0/0    | 190/39 | 29/19    | 0/0    | 0/0    |                                          |
| KN4VV                 | 21,285    | 172   | 55  | SO-CW-LP   | 0/0    | 19/9   | 47/13  | 66/19    | 26/10  | 14/4   |                                          |
| K1WR                  | 2,418     | 33    | 26  | SO-CW-LP   | 0/0    | 0/0    | 5/5    | 23/16    | 5/5    | 0/0    |                                          |
| W4ZGR                 | 2,023     | 62    | 17  | SO-CW-LP   | 0/0    | 3/1    | 43/9   | 16/7     | 0/0    | 0/0    |                                          |
| N1FR                  | 11,655    | 76    | 63  | SOU-PH-HP  | 2/2    | 6/6    | 26/24  | 24/19    | 17/11  | 1/1    |                                          |
| K1ESE                 | 248,040   | 685   | 130 | SOU-CW-HP  | 0/0    | 4/4    | 142/42 | 468/59   | 58/21  | 13/4   |                                          |
| WW4LL                 | 1,428,820 | 2,072 | 199 | MSHP       | 14/7   | 130/31 | 592/60 | 1,090/60 | 207/31 | 39/10  | AC4CF, K4NV, KG5HVO, NN9DD, W9RNY, WW4LL |
|                       |           |       |     |            |        |        |        |          |        |        |                                          |
| New Hampshire         |           |       |     |            |        |        |        |          |        |        |                                          |

|                       |           |       |     |            |       |        |        |          |        |        |        |
|-----------------------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|--------|--------|
| K1LD                  | 46,154    | 164   | 94  | SO-MIX-LP  | 0/0   | 28/22  | 36/17  | 70/30    | 20/16  | 10/9   |        |
| NF1L                  | 5,240     | 80    | 40  | SO-PH-HP   | 1/1   | 5/5    | 11/8   | 49/20    | 8/3    | 6/3    |        |
| N3CAN                 | 611       | 33    | 13  | SO-PH-LP   | 0/0   | 0/0    | 13/8   | 20/5     | 0/0    | 0/0    |        |
| K8CN                  | 91,546    | 461   | 91  | SO-CW-QRP  | 2/2   | 23/7   | 148/28 | 172/33   | 65/14  | 51/7   |        |
| KG1V                  | 35,847    | 271   | 63  | SO-CW-LP   | 0/0   | 10/4   | 88/22  | 132/24   | 29/10  | 12/3   |        |
| K1RX                  | 693,088   | 1,441 | 176 | SOU-MIX-HP | 16/8  | 168/41 | 382/50 | 534/35   | 230/30 | 111/12 |        |
| K1AR                  | 212,667   | 627   | 133 | SOU-MIX-HP | 0/0   | 19/14  | 152/39 | 408/55   | 37/17  | 11/8   |        |
| KA2KON                | 55,650    | 202   | 106 | SOU-PH-LP  | 0/0   | 8/8    | 62/35  | 103/43   | 28/19  | 1/1    |        |
|                       |           |       |     |            |       |        |        |          |        |        |        |
| Rhode Island          |           |       |     |            |       |        |        |          |        |        |        |
| W1WBB                 | 11,973    | 157   | 39  | SOU-CW-QRP | 0/0   | 0/0    | 0/0    | 56/18    | 60/11  | 41/10  |        |
|                       |           |       |     |            |       |        |        |          |        |        |        |
| Vermont               |           |       |     |            |       |        |        |          |        |        |        |
| N1UR                  | 1,032,624 | 1,725 | 213 | SO-PH-HP   | 4/3   | 72/33  | 307/51 | 1,133/68 | 133/36 | 76/22  |        |
| KK1L                  | 37,092    | 257   | 66  | SO-PH-HP   | 0/0   | 2/2    | 111/29 | 56/25    | 88/10  | 0/0    |        |
| AA1SU                 | 28,762    | 180   | 73  | SOU-MIX-LP | 0/0   | 34/20  | 112/37 | 34/16    | 0/0    | 0/0    |        |
|                       |           |       |     |            |       |        |        |          |        |        |        |
| Western Massachusetts |           |       |     |            |       |        |        |          |        |        |        |
| K5ZD                  | 1,695,309 | 2,459 | 231 | SO-MIX-HP  | 45/15 | 189/40 | 514/54 | 1,192/60 | 380/43 | 139/19 |        |
| NE1D                  | 24,612    | 133   | 84  | SO-PH-LP   | 0/0   | 14/12  | 19/15  | 69/33    | 30/23  | 1/1    |        |
| W3SM                  | 64,124    | 318   | 82  | SO-CW-HP   | 0/0   | 1/1    | 84/25  | 161/31   | 53/18  | 19/7   |        |
| W1GD                  | 1,015,992 | 1,148 | 274 | SOU-MIX-HP | 18/13 | 88/48  | 279/64 | 496/74   | 188/45 | 79/30  |        |
| KB1W                  | 396,552   | 1,386 | 123 | SOU-MIX-HP | 11/3  | 142/28 | 370/33 | 537/34   | 196/18 | 130/7  |        |
| W1FSH                 | 585       | 18    | 9   | SOU-MIX-LP | 0/0   | 0/0    | 0/0    | 18/9     | 0/0    | 0/0    |        |
| W4FEB                 | 364       | 18    | 13  | SOU-PH-LP  | 0/0   | 0/0    | 4/3    | 8/5      | 2/2    | 4/3    |        |
| W1UJ                  | 34,780    | 139   | 94  | SOU-CW-HP  | 0/0   | 16/12  | 44/27  | 29/25    | 38/23  | 12/7   |        |
| KK1W                  | 15,872    | 100   | 64  | SOU-CW-LP  | 0/0   | 25/12  | 25/15  | 25/21    | 25/16  | 0/0    |        |
|                       |           |       |     |            |       |        |        |          |        |        |        |
| U.S. Call Area 2      |           |       |     |            |       |        |        |          |        |        |        |
|                       |           |       |     |            |       |        |        |          |        |        |        |
| Eastern New York      |           |       |     |            |       |        |        |          |        |        |        |
| WA2JQK                | 123,702   | 651   | 106 | SO-MIX-LP  | 11/4  | 16/5   | 191/33 | 372/44   | 43/14  | 18/6   |        |
| KX1W                  | 272       | 12    | 8   | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 12/8     | 0/0    | 0/0    |        |
| N2MTG                 | 14,307    | 130   | 57  | SO-PH-LP   | 0/0   | 24/13  | 51/29  | 45/10    | 5/3    | 5/2    |        |
| KD2NE                 | 7,194     | 81    | 33  | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 81/33    | 0/0    | 0/0    |        |
| W2DFC                 | 4,991     | 101   | 23  | SO-PH-HP   | 0/0   | 0/0    | 14/12  | 87/11    | 0/0    | 0/0    |        |
| KG5JEN                | 30        | 5     | 2   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 5/2      | 0/0    | 0/0    |        |
| W2EG                  | 6,440     | 86    | 23  | SO-CW-HP   | 0/0   | 0/0    | 86/23  | 0/0      | 0/0    | 0/0    |        |
| WA2NYY                | 1,482     | 34    | 19  | SO-CW-QRP  | 0/0   | 0/0    | 6/4    | 28/15    | 0/0    | 0/0    |        |
| W3PU                  | 800,976   | 1,058 | 246 | SOU-MIX-HP | 19/13 | 79/43  | 188/55 | 651/78   | 98/45  | 23/12  | KO8SCA |
| WB2NVR                | 117,300   | 468   | 102 | SOU-MIX-HP | 0/0   | 1/1    | 100/40 | 331/48   | 26/10  | 10/3   |        |
| NJ1F                  | 4,932     | 74    | 36  | SOU-MIX-LP | 5/4   | 23/12  | 35/14  | 11/6     | 0/0    | 0/0    |        |
| KA5WSS                | 24        | 4     | 4   | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 1/1      | 2/2    | 1/1    |        |
| W4POT                 | 12        | 2     | 2   | SOU-PH-LP  | 0/0   | 0/0    | 1/1    | 0/0      | 0/0    | 1/1    |        |

|                           |         |       |     |            |       |        |        |          |        |        |                      |
|---------------------------|---------|-------|-----|------------|-------|--------|--------|----------|--------|--------|----------------------|
| N2SO                      | 17,738  | 160   | 49  | SOU-CW-LP  | 1/1   | 9/3    | 32/10  | 94/21    | 22/12  | 2/2    |                      |
| K1RQ                      | 1,512   | 32    | 21  | MSHP       | 4/3   | 15/8   | 6/4    | 7/6      | 0/0    | 0/0    | K1RQ, NJ1F           |
|                           |         |       |     |            |       |        |        |          |        |        |                      |
| New York City-Long Island |         |       |     |            |       |        |        |          |        |        |                      |
| KS2G                      | 12,688  | 107   | 52  | SO-PH-LP   | 0/0   | 1/1    | 3/2    | 57/26    | 42/19  | 4/4    |                      |
| KC2JRQ                    | 133     | 8     | 7   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 8/7      | 0/0    | 0/0    |                      |
| KR2AA                     | 108,342 | 664   | 78  | SO-CW-HP   | 0/0   | 0/0    | 157/29 | 293/30   | 90/9   | 124/10 |                      |
| WB2KWC                    | 240     | 17    | 8   | SO-CW-LP   | 0/0   | 0/0    | 7/4    | 10/4     | 0/0    | 0/0    |                      |
| KA2D                      | 1,024   | 30    | 16  | SOU-MIX-LP | 0/0   | 0/0    | 0/0    | 7/5      | 11/6   | 12/5   |                      |
| N2MUN                     | 17,424  | 283   | 36  | SOU-PH-HP  | 0/0   | 0/0    | 52/10  | 231/26   | 0/0    | 0/0    |                      |
| W2JV                      | 7,955   | 78    | 37  | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 78/37    | 0/0    | 0/0    |                      |
| K4RUM                     | 622,870 | 1,264 | 199 | SOU-CW-HP  | 31/7  | 128/38 | 315/52 | 504/59   | 198/28 | 88/15  |                      |
| K2QMF                     | 195,976 | 528   | 131 | SOU-CW-HP  | 0/0   | 5/5    | 99/35  | 247/48   | 147/33 | 30/10  |                      |
| K2PAL                     | 37,245  | 168   | 65  | SOU-CW-HP  | 0/0   | 0/0    | 58/27  | 93/28    | 6/3    | 11/7   |                      |
| K1NY                      | 11,220  | 99    | 55  | SOU-CW-LP  | 0/0   | 29/13  | 23/17  | 12/10    | 27/12  | 8/3    |                      |
| W2Z                       | 691,775 | 1,580 | 175 | MSHP       | 3/2   | 60/28  | 390/57 | 1,033/60 | 94/28  | 0/0    | KD2RD, NQ2F, WB2TQE  |
| W2VL                      | 245     | 19    | 7   | MSHP       | 0/0   | 0/0    | 0/0    | 19/7     | 0/0    | 0/0    | K2KNB, KD2GXL, N2ION |
|                           |         |       |     |            |       |        |        |          |        |        |                      |
| Northern New Jersey       |         |       |     |            |       |        |        |          |        |        |                      |
| KU2M                      | 406,077 | 870   | 183 | SO-MIX-LP  | 12/4  | 119/31 | 166/40 | 395/54   | 123/35 | 55/19  |                      |
| W2GFV                     | 5,405   | 110   | 23  | SO-MIX-LP  | 0/0   | 0/0    | 2/1    | 108/22   | 0/0    | 0/0    |                      |
| KA2HZP                    | 4,776   | 87    | 24  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 87/24    | 0/0    | 0/0    |                      |
| AB2TB                     | 42,402  | 273   | 74  | SO-CW-LP   | 0/0   | 28/9   | 46/18  | 121/26   | 57/15  | 21/6   |                      |
| AF2F                      | 29,388  | 194   | 62  | SO-CW-LP   | 0/0   | 0/0    | 79/28  | 71/25    | 44/9   | 0/0    |                      |
| N2ED                      | 18,000  | 186   | 48  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 62/18    | 88/19  | 36/11  |                      |
| N2CG                      | 740     | 20    | 10  | SO-CW-HP   | 0/0   | 0/0    | 20/10  | 0/0      | 0/0    | 0/0    |                      |
| N2GM                      | 268,522 | 717   | 142 | SOU-MIX-HP | 7/3   | 64/19  | 160/36 | 289/38   | 128/29 | 69/17  |                      |
| W2YR                      | 127,595 | 282   | 169 | SOU-MIX-HP | 4/3   | 46/22  | 92/52  | 81/52    | 48/35  | 11/5   |                      |
| W2LE                      | 114,456 | 297   | 114 | SOU-CW-HP  | 0/0   | 2/2    | 99/39  | 155/48   | 35/20  | 6/5    |                      |
| WB2PJH                    | 17,931  | 169   | 43  | SOU-CW-HP  | 0/0   | 2/1    | 37/11  | 76/16    | 49/12  | 5/3    |                      |
| W2CG                      | 8,262   | 85    | 34  | SOU-CW-LP  | 0/0   | 0/0    | 85/34  | 0/0      | 0/0    | 0/0    |                      |
| K2ZC                      | 350     | 19    | 10  | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 19/10    | 0/0    | 0/0    |                      |
|                           |         |       |     |            |       |        |        |          |        |        |                      |
| Northern New York         |         |       |     |            |       |        |        |          |        |        |                      |
| W2XK                      | 952     | 20    | 17  | SO-MIX-LP  | 0/0   | 0/0    | 4/4    | 16/13    | 0/0    | 0/0    |                      |
|                           |         |       |     |            |       |        |        |          |        |        |                      |
| Southern New Jersey       |         |       |     |            |       |        |        |          |        |        |                      |
| W2KU                      | 8,304   | 79    | 48  | SO-PH-HP   | 0/0   | 4/4    | 31/20  | 23/11    | 19/11  | 2/2    |                      |
| N2UU                      | 45,126  | 297   | 69  | SO-CW-LP   | 0/0   | 30/10  | 92/24  | 137/24   | 30/7   | 8/4    |                      |
| K3MR                      | 1,462   | 48    | 17  | SO-CW-LP   | 1/1   | 1/1    | 7/5    | 29/4     | 8/4    | 2/2    |                      |
| KD2JOE                    | 9,905   | 102   | 35  | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 102/35   | 0/0    | 0/0    |                      |
| N2MM                      | 462,462 | 867   | 182 | SOU-CW-HP  | 1/1   | 42/28  | 147/37 | 429/54   | 172/40 | 76/22  |                      |
| K2RET                     | 188,802 | 447   | 153 | SOU-CW-HP  | 23/10 | 75/37  | 131/41 | 166/38   | 52/27  | 0/0    |                      |
| AB2E                      | 45,240  | 233   | 78  | SOU-CW-HP  | 0/0   | 151/31 | 43/22  | 39/25    | 0/0    | 0/0    |                      |

|                      |           |       |     |            |       |        |        |        |        |        |  |
|----------------------|-----------|-------|-----|------------|-------|--------|--------|--------|--------|--------|--|
| WA2FZB               | 19,886    | 110   | 61  | SOU-CW-HP  | 0/0   | 0/0    | 52/32  | 58/29  | 0/0    | 0/0    |  |
| N1IBM                | 5,343     | 46    | 39  | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 21/15  | 18/17  | 7/7    |  |
|                      |           |       |     |            |       |        |        |        |        |        |  |
| Western New York     |           |       |     |            |       |        |        |        |        |        |  |
| KM2L                 | 61,710    | 274   | 85  | SO-MIX-HP  | 0/0   | 0/0    | 49/19  | 165/36 | 48/23  | 12/7   |  |
| NV2K                 | 4,239     | 66    | 27  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 66/27  | 0/0    | 0/0    |  |
| K2ZR                 | 146,740   | 663   | 110 | SO-CW-LP   | 14/3  | 88/20  | 181/35 | 304/33 | 62/13  | 14/6   |  |
| WS9M                 | 138,996   | 454   | 117 | SO-CW-HP   | 6/4   | 30/10  | 84/33  | 288/50 | 25/13  | 21/7   |  |
| NS2N                 | 113,162   | 401   | 118 | SO-CW-HP   | 0/0   | 82/24  | 138/36 | 127/35 | 34/16  | 20/7   |  |
| N2BEG                | 3,186     | 55    | 27  | SO-CW-LP   | 5/4   | 9/4    | 19/7   | 5/5    | 12/5   | 5/2    |  |
| WB2WPM               | 2,835     | 57    | 21  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 57/21  | 0/0    | 0/0    |  |
| K2QB                 | 1,824     | 70    | 16  | SO-CW-LP   | 0/0   | 0/0    | 31/12  | 39/4   | 0/0    | 0/0    |  |
| KA2WIK               | 517       | 34    | 11  | SO-CW-LP   | 0/0   | 1/1    | 9/3    | 0/0    | 24/7   | 0/0    |  |
| N2NKX                | 13,786    | 94    | 61  | SOU-PH-HP  | 0/0   | 7/7    | 24/16  | 51/27  | 11/10  | 1/1    |  |
| K2ANZ                | 8,075     | 121   | 25  | SOU-PH-HP  | 0/0   | 2/2    | 31/8   | 86/14  | 2/1    | 0/0    |  |
| AB3CX                | 1,394,172 | 1,777 | 234 | SOU-CW-HP  | 34/16 | 183/47 | 456/52 | 836/62 | 200/39 | 68/18  |  |
| NW2K                 | 21,560    | 185   | 55  | SOU-CW-HP  | 0/0   | 117/30 | 0/0    | 23/8   | 40/15  | 5/2    |  |
| W2VM                 | 20,351    | 199   | 47  | SOU-CW-LP  | 0/0   | 0/0    | 43/13  | 103/21 | 40/9   | 13/4   |  |
| KB2URI               | 161       | 9     | 7   | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 9/7    | 0/0    | 0/0    |  |
|                      |           |       |     |            |       |        |        |        |        |        |  |
| U.S. Call Area 3     |           |       |     |            |       |        |        |        |        |        |  |
|                      |           |       |     |            |       |        |        |        |        |        |  |
| Delaware             |           |       |     |            |       |        |        |        |        |        |  |
| NW3Y                 | 523,575   | 944   | 195 | SOU-CW-HP  | 31/18 | 89/34  | 283/46 | 310/46 | 186/34 | 45/17  |  |
| WA4TAS               | 2,880     | 56    | 24  | SOU-CW-LP  | 0/0   | 0/0    | 3/3    | 42/14  | 11/7   | 0/0    |  |
|                      |           |       |     |            |       |        |        |        |        |        |  |
| Eastern Pennsylvania |           |       |     |            |       |        |        |        |        |        |  |
| N3XZ                 | 13,255    | 99    | 55  | SO-PH-LP   | 0/0   | 3/3    | 15/12  | 68/30  | 13/10  | 0/0    |  |
| AC2BI                | 2,046     | 49    | 22  | SO-PH-HP   | 0/0   | 0/0    | 21/13  | 28/9   | 0/0    | 0/0    |  |
| N3HWH                | 936       | 78    | 12  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0    |  |
| W3AVP                | 462       | 30    | 11  | SO-PH-LP   | 0/0   | 0/0    | 4/4    | 18/5   | 8/2    | 0/0    |  |
| AB3BD                | 125       | 15    | 5   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 15/5   | 0/0    | 0/0    |  |
| N3UO                 | 30        | 3     | 2   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 3/2    | 0/0    | 0/0    |  |
| WI2E                 | 399,249   | 1,107 | 159 | SO-CW-LP   | 30/4  | 202/34 | 259/44 | 371/42 | 190/28 | 55/7   |  |
| WK2G                 | 290,928   | 864   | 132 | SO-CW-HP   | 0/0   | 41/15  | 203/38 | 370/40 | 113/26 | 137/13 |  |
| K3UL                 | 116,184   | 515   | 94  | SO-CW-HP   | 0/0   | 0/0    | 172/32 | 173/28 | 158/27 | 12/7   |  |
| W3WHK                | 55,506    | 317   | 66  | SO-CW-LP   | 0/0   | 65/14  | 150/25 | 101/26 | 1/1    | 0/0    |  |
| KY3W                 | 27,848    | 208   | 59  | SO-CW-LP   | 10/6  | 37/10  | 76/20  | 54/10  | 22/7   | 9/6    |  |
| WA1HEW               | 21,900    | 184   | 50  | SO-CW-LP   | 0/0   | 0/0    | 79/22  | 89/20  | 16/8   | 0/0    |  |
| K3ATO                | 16,112    | 127   | 53  | SO-CW-HP   | 7/4   | 26/12  | 79/26  | 15/11  | 0/0    | 0/0    |  |
| K3VA                 | 11,776    | 126   | 32  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 126/32 | 0/0    | 0/0    |  |
| NR3Z                 | 5,655     | 99    | 29  | SO-CW-LP   | 0/0   | 4/2    | 27/8   | 37/11  | 30/7   | 1/1    |  |
| K3WW                 | 1,278,288 | 1,579 | 269 | SOU-MIX-HP | 34/25 | 155/45 | 420/61 | 638/70 | 240/43 | 92/25  |  |
| N3RJ                 | 17,800    | 193   | 40  | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 174/33 | 19/7   | 0/0    |  |

|             |           |       |     |            |       |        |        |          |        |        |                           |
|-------------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|--------|---------------------------|
| W3FIZ       | 13,631    | 100   | 43  | SOU-MIX-LP | 0/0   | 0/0    | 33/14  | 67/29    | 0/0    | 0/0    |                           |
| WV2M        | 3,000     | 32    | 30  | SOU-MIX-HP | 0/0   | 0/0    | 14/14  | 9/8      | 9/8    | 0/0    |                           |
| WB3BJU      | 6,720     | 74    | 35  | SOU-PH-HP  | 0/0   | 0/0    | 14/10  | 60/25    | 0/0    | 0/0    |                           |
| W2DLT       | 429       | 15    | 11  | SOU-PH-HP  | 0/0   | 0/0    | 0/0    | 13/9     | 2/2    | 0/0    |                           |
| AA3B        | 2,729,188 | 2,772 | 308 | SOU-CW-HP  | 78/24 | 353/52 | 773/66 | 889/79   | 448/54 | 231/33 |                           |
| N3AD        | 1,104,873 | 1,636 | 231 | SOU-CW-HP  | 66/12 | 216/44 | 473/57 | 620/67   | 237/41 | 24/10  |                           |
| N3RS        | 588,093   | 892   | 213 | SOU-CW-HP  | 20/14 | 112/43 | 158/51 | 436/54   | 131/38 | 35/13  |                           |
| W3KB        | 456,057   | 944   | 189 | SOU-CW-LP  | 20/6  | 160/35 | 264/50 | 376/51   | 87/30  | 37/17  |                           |
| K3WJV       | 428,652   | 812   | 196 | SOU-CW-HP  | 29/11 | 122/36 | 220/49 | 280/53   | 115/31 | 46/16  |                           |
| N3RD        | 262,395   | 629   | 153 | SOU-CW-HP  | 0/0   | 0/0    | 103/44 | 313/59   | 198/42 | 15/8   |                           |
| W3FV        | 235,620   | 608   | 140 | SOU-CW-HP  | 0/0   | 146/35 | 178/41 | 125/34   | 158/29 | 1/1    |                           |
| K3PP        | 209,000   | 422   | 190 | SOU-CW-HP  | 20/9  | 57/32  | 70/45  | 190/55   | 58/32  | 27/17  |                           |
| KB3Z        | 37,356    | 208   | 66  | SOU-CW-HP  | 0/0   | 0/0    | 84/27  | 80/18    | 25/14  | 19/7   |                           |
| N3ZA        | 30,976    | 134   | 88  | SOU-CW-LP  | 0/0   | 14/7   | 39/26  | 40/26    | 31/23  | 10/6   |                           |
| KU2C        | 25,515    | 118   | 105 | SOU-CW-HP  | 5/4   | 21/21  | 46/38  | 19/19    | 19/15  | 8/8    |                           |
| WA3AAN      | 20,299    | 180   | 53  | SOU-CW-HP  | 0/0   | 14/7   | 45/18  | 109/23   | 11/4   | 1/1    |                           |
| KF3G        | 9,240     | 111   | 40  | SOU-CW-LP  | 0/0   | 0/0    | 17/5   | 56/20    | 21/8   | 17/7   |                           |
| W3ZGD       | 329,160   | 936   | 156 | MSHP       | 0/0   | 79/23  | 199/41 | 431/48   | 137/27 | 90/17  | K3MSB, KC3IPF, KO3T, WS3C |
| K3L         | 3         | 3     | 1   | MSHP       | 0/0   | 0/0    | 0/0    | 3/1      | 0/0    | 0/0    | KB3IPZ, N3ZIO             |
|             |           |       |     |            |       |        |        |          |        |        |                           |
| Maryland-DC |           |       |     |            |       |        |        |          |        |        |                           |
| NN3W        | 1,963,280 | 2,618 | 230 | SO-MIX-HP  | 36/13 | 164/31 | 709/55 | 1,307/60 | 335/47 | 67/24  | @N3HBX                    |
| KD4D        | 929,940   | 1,401 | 220 | SO-MIX-LP  | 38/13 | 181/41 | 468/54 | 485/54   | 179/40 | 50/18  |                           |
| K3ZO        | 697,026   | 1,216 | 179 | SO-MIX-HP  | 0/0   | 51/27  | 569/63 | 517/55   | 60/23  | 19/11  |                           |
| NC3Y        | 49,724    | 382   | 62  | SO-MIX-HP  | 0/0   | 29/10  | 106/25 | 247/27   | 0/0    | 0/0    |                           |
| N3TE        | 22,007    | 161   | 59  | SO-MIX-LP  | 0/0   | 33/11  | 64/23  | 54/17    | 7/6    | 3/2    |                           |
| K3KU        | 7,630     | 98    | 35  | SO-MIX-LP  | 0/0   | 6/3    | 34/13  | 58/19    | 0/0    | 0/0    |                           |
| N3KBF       | 7,315     | 77    | 35  | SO-PH-LP   | 0/0   | 0/0    | 46/17  | 31/18    | 0/0    | 0/0    |                           |
| W3MBC       | 3,424     | 48    | 32  | SO-PH-LP   | 0/0   | 13/10  | 31/19  | 4/3      | 0/0    | 0/0    |                           |
| WW3MM       | 550       | 55    | 10  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 0/0      | 0/0    | 0/0    |                           |
| KB3AAY      | 86,955    | 451   | 85  | SO-CW-LP   | 0/0   | 14/8   | 200/29 | 115/22   | 96/18  | 26/8   |                           |
| N3QE        | 1,071,150 | 1,737 | 222 | SOU-MIX-HP | 39/10 | 271/52 | 528/60 | 688/59   | 186/34 | 25/7   |                           |
| N3AM        | 151,071   | 468   | 111 | SOU-MIX-HP | 0/0   | 32/27  | 242/47 | 194/37   | 0/0    | 0/0    |                           |
| K3ZU        | 82,979    | 199   | 169 | SOU-MIX-HP | 8/8   | 41/40  | 32/31  | 57/45    | 41/31  | 20/14  |                           |
| NA3M        | 14,212    | 87    | 68  | SOU-MIX-HP | 0/0   | 0/0    | 35/28  | 46/34    | 6/6    | 0/0    |                           |
| K3AU        | 13,184    | 96    | 64  | SOU-MIX-HP | 0/0   | 0/0    | 59/38  | 37/26    | 0/0    | 0/0    |                           |
| W3MMM       | 8,856     | 97    | 36  | SOU-MIX-HP | 0/0   | 4/4    | 17/10  | 76/22    | 0/0    | 0/0    |                           |
| W3LL        | 584,502   | 1,293 | 183 | SOU-PH-HP  | 3/2   | 37/26  | 306/52 | 801/54   | 91/28  | 55/21  |                           |
| W3ICM       | 94,842    | 498   | 99  | SOU-PH-HP  | 0/0   | 29/10  | 147/31 | 240/34   | 82/24  | 0/0    |                           |
| N3YPJ       | 5,421     | 68    | 39  | SOU-PH-LP  | 0/0   | 2/2    | 26/22  | 21/5     | 19/10  | 0/0    |                           |
| N4ZR        | 325,008   | 715   | 148 | SOU-CW-HP  | 0/0   | 24/23  | 236/50 | 414/54   | 41/21  | 0/0    |                           |
| K3RA        | 167,808   | 512   | 96  | SOU-CW-HP  | 0/0   | 63/18  | 156/34 | 293/44   | 0/0    | 0/0    |                           |
| WA3AER      | 134,288   | 466   | 112 | SOU-CW-HP  | 0/0   | 66/14  | 139/38 | 190/41   | 71/19  | 0/0    |                           |
| W3GVX       | 34,188    | 206   | 66  | SOU-CW-HP  | 0/0   | 5/2    | 89/27  | 80/25    | 25/9   | 7/3    |                           |

|                      |           |       |     |            |       |        |        |          |        |       |                                         |
|----------------------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|-------|-----------------------------------------|
| WA3MD                | 25,830    | 130   | 63  | SOU-CW-LP  | 0/0   | 0/0    | 92/32  | 16/12    | 14/11  | 8/8   |                                         |
| AC3BU                | 20,352    | 153   | 53  | SOU-CW-LP  | 0/0   | 0/0    | 79/28  | 57/15    | 17/10  | 0/0   |                                         |
| AA3RQ                | 6,768     | 91    | 36  | SOU-CW-LP  | 2/2   | 6/2    | 15/6   | 40/12    | 19/8   | 9/6   |                                         |
| W2CDO                | 6,368     | 65    | 32  | SOU-CW-HP  | 0/0   | 0/0    | 24/12  | 41/20    | 0/0    | 0/0   |                                         |
| AB3KP                | 270       | 16    | 9   | SOU-CW-LP  | 0/0   | 0/0    | 9/4    | 7/5      | 0/0    | 0/0   |                                         |
| N3DPB                | 310,992   | 673   | 176 | MSHP       | 20/6  | 33/12  | 177/50 | 167/51   | 251/42 | 25/15 | AC3BU, K3MTR, KB3VQC, N3DPB, WA3EKL     |
| WA3EKL               | 236,288   | 981   | 104 | MSHP       | 36/15 | 104/17 | 116/23 | 719/43   | 4/4    | 2/2   | KØOO, K6ZO, KB3VQC, N3DPB, ND3D, WA3EKL |
| K3CCR                | 232,500   | 453   | 155 | MSHP       | 0/0   | 63/34  | 92/41  | 272/62   | 26/18  | 0/0   | N3UM, W3GB                              |
|                      |           |       |     |            |       |        |        |          |        |       |                                         |
| Western Pennsylvania |           |       |     |            |       |        |        |          |        |       |                                         |
| N3XF                 | 124,832   | 482   | 83  | SO-MIX-HP  | 0/0   | 35/9   | 155/28 | 292/46   | 0/0    | 0/0   |                                         |
| N2EM                 | 101,171   | 460   | 97  | SO-MIX-LP  | 4/4   | 64/18  | 35/7   | 277/46   | 67/15  | 13/7  |                                         |
| W3MLJ                | 1,737     | 131   | 9   | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 131/9    | 0/0    | 0/0   |                                         |
| WA3HGW               | 1,480     | 33    | 20  | SO-PH-LP   | 0/0   | 0/0    | 33/20  | 0/0      | 0/0    | 0/0   |                                         |
| K3VED                | 1,220     | 29    | 20  | SO-PH-HP   | 0/0   | 0/0    | 2/2    | 17/11    | 8/5    | 2/2   |                                         |
| K3UA                 | 163,780   | 706   | 95  | SO-CW-HP   | 14/4  | 227/25 | 251/34 | 214/32   | 0/0    | 0/0   |                                         |
| K3JHT                | 204       | 20    | 6   | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 20/6     | 0/0    | 0/0   |                                         |
| KA3PMW               | 1         | 1     | 1   | SO-CW-LP   | 0/0   | 1/1    | 0/0    | 0/0      | 0/0    | 0/0   |                                         |
|                      |           |       |     |            |       |        |        |          |        |       |                                         |
| U.S. Call Area 4     |           |       |     |            |       |        |        |          |        |       |                                         |
|                      |           |       |     |            |       |        |        |          |        |       |                                         |
| Alabama              |           |       |     |            |       |        |        |          |        |       |                                         |
| K4AB                 | 1,178,013 | 2,135 | 211 | SO-MIX-HP  | 37/12 | 169/40 | 529/57 | 1,217/55 | 156/31 | 27/16 |                                         |
| N4NO                 | 200,982   | 620   | 123 | SO-MIX-HP  | 0/0   | 33/14  | 183/35 | 242/37   | 126/28 | 36/9  |                                         |
| AB4EJ                | 13,362    | 204   | 34  | SO-PH-HP   | 0/0   | 4/3    | 169/22 | 29/7     | 2/2    | 0/0   |                                         |
| KX4BI                | 10,810    | 107   | 46  | SO-PH-LP   | 0/0   | 0/0    | 14/8   | 78/27    | 12/8   | 3/3   |                                         |
| WA4JA                | 9,600     | 89    | 48  | SO-PH-LP   | 0/0   | 4/3    | 51/28  | 24/11    | 8/4    | 2/2   |                                         |
| AE4M                 | 4,290     | 65    | 30  | SO-PH-LP   | 0/0   | 0/0    | 14/7   | 47/19    | 2/2    | 2/2   |                                         |
| KB4LA                | 1,003     | 29    | 17  | SO-PH-LP   | 0/0   | 0/0    | 7/6    | 21/10    | 1/1    | 0/0   |                                         |
| WE5TM                | 112       | 6     | 4   | SO-PH-LP   | 0/0   | 0/0    | 6/4    | 0/0      | 0/0    | 0/0   |                                         |
| WA1FCN               | 335,445   | 789   | 165 | SO-CW-LP   | 16/4  | 45/12  | 289/48 | 302/57   | 80/29  | 57/15 |                                         |
| N4KC                 | 23,698    | 198   | 41  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 198/41   | 0/0    | 0/0   |                                         |
| K4HDW                | 74,284    | 304   | 98  | SOU-PH-HP  | 0/0   | 20/13  | 99/36  | 174/39   | 7/7    | 4/3   |                                         |
| W4ER                 | 1,122     | 48    | 11  | SOU-CW-QRP | 0/0   | 0/0    | 48/11  | 0/0      | 0/0    | 0/0   |                                         |
| W4UAL                | 40,651    | 303   | 59  | MSHP       | 0/0   | 0/0    | 0/0    | 110/29   | 193/30 | 0/0   | K4CWW, KV4T                             |
| NN4SA                | 19,050    | 146   | 50  | MSHP       | 0/0   | 0/0    | 74/28  | 63/16    | 9/6    | 0/0   | KK4IKR, NN4NT, W4PPC                    |
|                      |           |       |     |            |       |        |        |          |        |       |                                         |
| Georgia              |           |       |     |            |       |        |        |          |        |       |                                         |
| N4PN                 | 633,749   | 1,421 | 197 | SO-MIX-HP  | 29/7  | 145/37 | 340/57 | 670/47   | 160/29 | 77/20 |                                         |
| KU8E                 | 431,680   | 1,146 | 160 | SO-MIX-HP  | 23/7  | 172/31 | 299/43 | 548/55   | 65/15  | 39/9  |                                         |
| KD4YDD               | 2,668     | 52    | 23  | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 34/11    | 9/7    | 9/5   |                                         |
| KJ4YM                | 792       | 42    | 11  | SO-MIX-QRP | 0/0   | 0/0    | 14/3   | 28/8     | 0/0    | 0/0   |                                         |
| K4SHW                | 12,240    | 117   | 48  | SO-PH-LP   | 0/0   | 5/4    | 33/11  | 63/22    | 10/6   | 6/5   |                                         |
| KM4RKT               | 7,486     | 85    | 38  | SO-PH-LP   | 0/0   | 10/2   | 29/14  | 40/16    | 4/4    | 2/2   |                                         |

|                |         |       |     |            |      |       |        |        |        |       |                                            |
|----------------|---------|-------|-----|------------|------|-------|--------|--------|--------|-------|--------------------------------------------|
| KC8YRK         | 5,145   | 61    | 35  | SO-PH-LP   | 0/0  | 0/0   | 15/10  | 36/17  | 5/4    | 5/4   |                                            |
| KN4ETD         | 1,729   | 43    | 19  | SO-PH-LP   | 0/0  | 0/0   | 27/11  | 16/8   | 0/0    | 0/0   |                                            |
| W1AM           | 1,386   | 26    | 18  | SO-PH-LP   | 0/0  | 0/0   | 11/8   | 15/10  | 0/0    | 0/0   |                                            |
| KD4QMY         | 850     | 21    | 17  | SO-PH-LP   | 0/0  | 0/0   | 2/2    | 18/14  | 1/1    | 0/0   |                                            |
| KK4CS          | 456     | 24    | 8   | SO-PH-LP   | 0/0  | 0/0   | 2/1    | 22/7   | 0/0    | 0/0   |                                            |
| K4BAI          | 469,522 | 1,071 | 173 | SO-CW-LP   | 16/5 | 94/19 | 357/52 | 434/56 | 112/31 | 58/10 |                                            |
| WF4W           | 53,328  | 372   | 66  | SO-CW-HP   | 14/4 | 54/11 | 121/16 | 137/18 | 26/12  | 20/5  |                                            |
| N4TOL          | 17,901  | 170   | 51  | SO-CW-LP   | 4/3  | 15/7  | 69/17  | 61/14  | 14/6   | 7/4   |                                            |
| W4QO           | 14,016  | 100   | 48  | SO-CW-QRP  | 0/0  | 0/0   | 27/15  | 60/24  | 12/8   | 1/1   |                                            |
| NC4M           | 3       | 1     | 1   | SO-CW-LP   | 0/0  | 0/0   | 0/0    | 1/1    | 0/0    | 0/0   |                                            |
| W4ATL          | 17,420  | 147   | 52  | SOU-MIX-HP | 0/0  | 16/7  | 66/17  | 57/21  | 7/6    | 1/1   |                                            |
| WD4RB          | 4,350   | 62    | 29  | SOU-MIX-LP | 0/0  | 0/0   | 12/8   | 43/17  | 6/3    | 1/1   |                                            |
| WA4RTE         | 555     | 17    | 15  | SOU-MIX-HP | 0/0  | 0/0   | 0/0    | 17/15  | 0/0    | 0/0   |                                            |
| K4VBM          | 333     | 19    | 9   | SOU-MIX-LP | 0/0  | 0/0   | 0/0    | 17/7   | 2/2    | 0/0   |                                            |
| K4BBH          | 40,542  | 172   | 87  | SOU-PH-HP  | 0/0  | 1/1   | 36/22  | 108/43 | 24/19  | 3/2   |                                            |
| KM4VTE         | 26,962  | 160   | 61  | SOU-PH-HP  | 0/0  | 0/0   | 33/17  | 104/29 | 16/12  | 7/3   |                                            |
| K4ZMW          | 19,926  | 129   | 54  | SOU-PH-LP  | 0/0  | 0/0   | 28/14  | 84/28  | 14/10  | 3/2   |                                            |
| K4LDC          | 12,243  | 101   | 53  | SOU-PH-LP  | 0/0  | 1/1   | 21/16  | 59/22  | 18/12  | 2/2   |                                            |
| K4ELI          | 3,025   | 54    | 25  | SOU-PH-HP  | 0/0  | 0/0   | 2/2    | 39/15  | 8/5    | 5/3   |                                            |
| WB3ILX         | 700     | 25    | 10  | SOU-PH-HP  | 0/0  | 0/0   | 6/3    | 19/7   | 0/0    | 0/0   |                                            |
| KN4CQJ         | 161     | 9     | 7   | SOU-PH-LP  | 0/0  | 0/0   | 4/3    | 5/4    | 0/0    | 0/0   |                                            |
| NS4T           | 6,520   | 177   | 20  | SOU-CW-LP  | 0/0  | 21/7  | 156/13 | 0/0    | 0/0    | 0/0   |                                            |
| W4AQL          | 609,492 | 1,524 | 156 | MSHP       | 13/3 | 74/12 | 572/58 | 732/53 | 101/24 | 32/6  | AE9SS, KB6EE, KE8FGB, KJ4IQA, KN8U, WA4FET |
|                |         |       |     |            |      |       |        |        |        |       |                                            |
| Kentucky       |         |       |     |            |      |       |        |        |        |       |                                            |
| WE5P           | 58,990  | 293   | 85  | SO-MIX-LP  | 8/3  | 42/13 | 136/33 | 72/22  | 35/14  | 0/0   |                                            |
| W4RLB          | 102     | 8     | 6   | SO-MIX-LP  | 0/0  | 0/0   | 1/1    | 7/5    | 0/0    | 0/0   |                                            |
| N4ZY           | 23,058  | 151   | 61  | SO-PH-HP   | 0/0  | 0/0   | 2/2    | 104/35 | 44/23  | 1/1   |                                            |
| WV4O           | 6,501   | 85    | 33  | SO-PH-LP   | 0/0  | 0/0   | 2/2    | 73/25  | 10/6   | 0/0   |                                            |
| ND4Y           | 4,392   | 55    | 36  | SO-PH-LP   | 0/0  | 2/1   | 29/21  | 24/14  | 0/0    | 0/0   |                                            |
| WD4KTF         | 3,416   | 52    | 28  | SO-PH-LP   | 0/0  | 0/0   | 7/5    | 39/19  | 6/4    | 0/0   |                                            |
| KJ4YLR         | 1,120   | 31    | 16  | SO-PH-LP   | 0/0  | 0/0   | 9/6    | 21/9   | 0/0    | 1/1   |                                            |
| KG2E           | 520     | 26    | 10  | SO-PH-LP   | 0/0  | 0/0   | 5/2    | 21/8   | 0/0    | 0/0   |                                            |
| WD4IYE         | 80      | 14    | 4   | SO-PH-QRP  | 0/0  | 0/0   | 0/0    | 14/4   | 0/0    | 0/0   |                                            |
| K4WW           | 103,584 | 514   | 83  | SO-CW-HP   | 0/0  | 65/10 | 238/39 | 211/34 | 0/0    | 0/0   |                                            |
| KJ4AOM         | 10,396  | 96    | 46  | SO-CW-LP   | 4/3  | 12/6  | 40/15  | 33/16  | 7/6    | 0/0   |                                            |
| KM4FO          | 8,400   | 103   | 35  | SO-CW-LP   | 0/0  | 0/0   | 83/26  | 20/9   | 0/0    | 0/0   |                                            |
| AJ4A           | 15,488  | 102   | 64  | SOU-MIX-HP | 2/2  | 5/5   | 41/26  | 51/28  | 2/2    | 1/1   |                                            |
| KE4KY          | 29,862  | 212   | 63  | SOU-CW-HP  | 0/0  | 0/0   | 39/20  | 136/24 | 26/9   | 11/10 |                                            |
| NU4N           | 17,799  | 158   | 51  | SOU-CW-LP  | 0/0  | 22/5  | 22/11  | 80/23  | 26/8   | 8/4   |                                            |
| KU4A           | 11,628  | 125   | 38  | SOU-CW-QRP | 0/0  | 0/0   | 0/0    | 77/18  | 24/11  | 24/9  |                                            |
|                |         |       |     |            |      |       |        |        |        |       |                                            |
| North Carolina |         |       |     |            |      |       |        |        |        |       |                                            |
| K3YDX          | 9,120   | 103   | 40  | SO-MIX-LP  | 0/0  | 0/0   | 0/0    | 41/21  | 44/13  | 18/6  |                                            |

|                  |           |       |     |            |       |        |        |        |        |        |       |
|------------------|-----------|-------|-----|------------|-------|--------|--------|--------|--------|--------|-------|
| AI4GR            | 3,129     | 64    | 21  | SO-MIX-LP  | 0/0   | 0/0    | 9/8    | 55/13  | 0/0    | 0/0    |       |
| WA4BPJ           | 3,024     | 48    | 27  | SO-MIX-LP  | 0/0   | 0/0    | 15/6   | 28/17  | 5/4    | 0/0    |       |
| W2GFJ            | 1,404     | 36    | 13  | SO-MIX-LP  | 0/0   | 0/0    | 1/1    | 32/10  | 3/2    | 0/0    |       |
| NØKOE            | 368       | 23    | 8   | SO-MIX-LP  | 0/0   | 0/0    | 1/1    | 22/7   | 0/0    | 0/0    |       |
| W4BBT            | 44,240    | 341   | 70  | SO-PH-HP   | 0/0   | 13/13  | 107/23 | 219/32 | 1/1    | 1/1    |       |
| KN4EWI           | 19,796    | 231   | 49  | SO-PH-LP   | 0/0   | 21/12  | 83/18  | 111/15 | 16/4   | 0/0    |       |
| N1XL             | 15,930    | 119   | 59  | SO-PH-LP   | 0/0   | 8/7    | 44/24  | 48/15  | 15/9   | 4/4    |       |
| NC4MI            | 1,092     | 35    | 14  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 34/13  | 1/1    | 0/0    |       |
| AK4D             | 516       | 24    | 12  | SO-PH-LP   | 0/0   | 0/0    | 1/1    | 20/8   | 1/1    | 2/2    |       |
| N4AF             | 1,187,970 | 1,771 | 210 | SO-CW-HP   | 41/16 | 195/37 | 572/56 | 707/61 | 256/40 | 0/0    |       |
| AD8J             | 66,339    | 277   | 91  | SO-CW-HP   | 0/0   | 38/19  | 94/27  | 99/25  | 32/14  | 14/6   |       |
| K2ATZ            | 23,517    | 155   | 67  | SO-CW-LP   | 0/0   | 22/14  | 34/17  | 69/21  | 24/9   | 6/6    |       |
| K3WA             | 23,400    | 196   | 52  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 156/40 | 40/12  | 0/0    |       |
| N3CKI            | 23,382    | 205   | 54  | SO-CW-LP   | 2/2   | 27/7   | 42/14  | 92/19  | 27/7   | 15/5   |       |
| K4BSK            | 11,439    | 123   | 41  | SO-CW-LP   | 0/0   | 0/0    | 16/7   | 82/23  | 23/9   | 2/2    |       |
| N4YB             | 10,215    | 87    | 45  | SO-CW-LP   | 0/0   | 0/0    | 23/17  | 64/28  | 0/0    | 0/0    |       |
| NW4V             | 960       | 22    | 15  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 22/15  | 0/0    | 0/0    |       |
| N4EII            | 880       | 36    | 10  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 36/10  | 0/0    | 0/0    |       |
| NR3X             | 1,471,259 | 2,286 | 271 | SOU-MIX-HP | 71/24 | 262/52 | 762/68 | 828/64 | 263/41 | 100/22 | N4YDU |
| AA4LS            | 136,128   | 603   | 96  | SOU-MIX-LP | 7/3   | 26/10  | 330/43 | 148/20 | 56/12  | 36/8   |       |
| KM4SII           | 81,508    | 428   | 82  | SOU-MIX-LP | 0/0   | 10/2   | 63/20  | 256/34 | 64/18  | 35/8   |       |
| WJ2D             | 71,592    | 303   | 76  | SOU-MIX-HP | 0/0   | 0/0    | 106/33 | 197/43 | 0/0    | 0/0    |       |
| N4LA             | 44,440    | 150   | 101 | SOU-MIX-HP | 0/0   | 15/13  | 58/41  | 68/40  | 9/7    | 0/0    |       |
| W4KAZ            | 22,981    | 137   | 67  | SOU-MIX-LP | 4/3   | 37/14  | 49/24  | 40/21  | 5/3    | 2/2    |       |
| K4QE             | 6,432     | 60    | 48  | SOU-PH-HP  | 0/0   | 0/0    | 0/0    | 47/35  | 11/11  | 2/2    |       |
| KK4GC            | 3,740     | 53    | 34  | SOU-PH-LP  | 0/0   | 1/1    | 31/24  | 21/9   | 0/0    | 0/0    |       |
| K1LDO            | 248       | 15    | 8   | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 11/4   | 2/2    | 2/2    |       |
| N1LN             | 385,320   | 834   | 190 | SOU-CW-HP  | 54/24 | 123/43 | 180/38 | 284/41 | 127/32 | 66/12  |       |
| NA4J             | 110,446   | 436   | 98  | SOU-CW-HP  | 0/0   | 51/18  | 188/43 | 185/32 | 12/5   | 0/0    |       |
| K1KK             | 44,730    | 241   | 71  | SOU-CW-QRP | 3/2   | 65/13  | 92/23  | 59/16  | 18/13  | 4/4    | HK1A  |
| ND2O             | 1,764     | 28    | 18  | SOU-CW-HP  | 0/0   | 0/0    | 15/8   | 12/9   | 1/1    | 0/0    |       |
| K4OV             | 397,075   | 913   | 175 | MSHP       | 0/0   | 19/17  | 144/51 | 688/59 | 40/28  | 22/20  | K4OV  |
|                  |           |       |     |            |       |        |        |        |        |        |       |
| Northern Florida |           |       |     |            |       |        |        |        |        |        |       |
| KM4HI            | 82,716    | 281   | 113 | SO-MIX-LP  | 3/2   | 14/11  | 53/26  | 155/48 | 45/22  | 11/4   |       |
| K2PS             | 82,620    | 389   | 85  | SO-MIX-HP  | 0/0   | 3/2    | 223/38 | 97/24  | 50/16  | 16/5   |       |
| KM4ZQE           | 14,400    | 264   | 32  | SO-PH-LP   | 0/0   | 0/0    | 58/5   | 199/25 | 7/2    | 0/0    |       |
| K4GDF            | 1,914     | 35    | 22  | SO-PH-LP   | 0/0   | 0/0    | 6/6    | 24/12  | 5/4    | 0/0    |       |
| WB4MM            | 1,530     | 36    | 18  | SO-PH-LP   | 0/0   | 0/0    | 10/7   | 23/8   | 3/3    | 0/0    |       |
| N1JOO            | 240       | 16    | 5   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 16/5   | 0/0    | 0/0    |       |
| W2CPO            | 21        | 3     | 3   | SO-PH-HP   | 0/0   | 0/0    | 1/1    | 2/2    | 0/0    | 0/0    |       |
| KW1K             | 28,680    | 218   | 60  | SO-CW-LP   | 0/0   | 0/0    | 36/20  | 143/28 | 34/8   | 5/4    |       |
| WA1PMA           | 28,487    | 204   | 61  | SO-CW-LP   | 0/0   | 0/0    | 10/8   | 160/35 | 31/15  | 3/3    |       |
| KN4Y             | 27,694    | 183   | 61  | SO-CW-LP   | 0/0   | 0/0    | 30/12  | 77/24  | 24/17  | 52/8   |       |

|                  |         |       |     |            |      |        |        |        |        |        |              |
|------------------|---------|-------|-----|------------|------|--------|--------|--------|--------|--------|--------------|
| NN7CW            | 16,038  | 293   | 27  | SO-CW-HP   | 0/0  | 0/0    | 0/0    | 0/0    | 172/18 | 121/9  |              |
| N4LZ             | 14,800  | 166   | 37  | SO-CW-HP   | 0/0  | 0/0    | 0/0    | 114/26 | 52/11  | 0/0    |              |
| K3ZGA            | 4,368   | 83    | 28  | SO-CW-LP   | 0/0  | 1/1    | 19/6   | 58/18  | 5/3    | 0/0    |              |
| N4CU             | 350     | 13    | 10  | SO-CW-LP   | 0/0  | 0/0    | 13/10  | 0/0    | 0/0    | 0/0    |              |
| WO4O             | 438,986 | 769   | 206 | SOU-MIX-HP | 1/1  | 35/27  | 156/51 | 359/64 | 139/41 | 79/22  |              |
| WØA/5Ø           | 62,400  | 278   | 96  | SOU-MIX-HP | 9/6  | 32/8   | 41/23  | 115/36 | 74/21  | 7/2    | K3TW         |
| WA4IPU           | 39,785  | 230   | 73  | SOU-MIX-LP | 0/0  | 0/0    | 81/21  | 120/38 | 27/12  | 2/2    |              |
| K1KNQ            | 23,793  | 138   | 77  | SOU-MIX-LP | 15/6 | 47/16  | 44/29  | 10/8   | 17/15  | 5/3    |              |
| K2ADA            | 123,732 | 474   | 126 | SOU-PH-LP  | 0/0  | 22/15  | 169/40 | 244/47 | 37/22  | 2/2    |              |
| NN2T             | 4,120   | 54    | 40  | SOU-PH-HP  | 0/0  | 0/0    | 27/21  | 27/19  | 0/0    | 0/0    |              |
| K4SBZ            | 1,710   | 44    | 19  | SOU-PH-LP  | 0/0  | 3/3    | 35/11  | 6/5    | 0/0    | 0/0    |              |
| W4WF             | 73,040  | 287   | 88  | SOU-CW-HP  | 0/0  | 0/0    | 0/0    | 169/41 | 66/30  | 52/17  |              |
| KØLUZ            | 27,555  | 146   | 55  | SOU-CW-HP  | 0/0  | 0/0    | 0/0    | 121/35 | 25/20  | 0/0    |              |
| K9BO             | 13,064  | 103   | 46  | SOU-CW-LP  | 0/0  | 0/0    | 43/22  | 41/13  | 14/6   | 5/5    |              |
| NØSMX            | 12      | 2     | 2   | SOU-CW-LP  | 0/0  | 0/0    | 0/0    | 0/0    | 2/2    | 0/0    |              |
|                  |         |       |     |            |      |        |        |        |        |        |              |
| South Carolina   |         |       |     |            |      |        |        |        |        |        |              |
| KG4IGC           | 11,424  | 118   | 42  | SO-MIX-LP  | 4/3  | 9/5    | 61/12  | 10/6   | 13/9   | 21/7   |              |
| WB4HRL           | 32,782  | 195   | 74  | SO-PH-HP   | 0/0  | 12/9   | 93/30  | 62/18  | 19/12  | 9/5    |              |
| W4SLT            | 19,089  | 100   | 63  | SO-PH-HP   | 0/0  | 0/0    | 29/25  | 71/38  | 0/0    | 0/0    |              |
| KR4NO            | 15,776  | 134   | 58  | SO-PH-LP   | 0/0  | 1/1    | 43/19  | 68/24  | 11/10  | 11/4   |              |
| W4CWM            | 1,200   | 40    | 16  | SO-PH-LP   | 0/0  | 0/0    | 4/4    | 34/10  | 2/2    | 0/0    |              |
| W4BIX            | 102     | 8     | 6   | SO-PH-LP   | 0/0  | 0/0    | 4/3    | 4/3    | 0/0    | 0/0    |              |
| NN4SS            | 141,404 | 469   | 116 | SO-CW-HP   | 2/2  | 56/13  | 205/44 | 130/30 | 57/19  | 19/8   |              |
| W4JKC            | 9,728   | 100   | 32  | SO-CW-HP   | 0/0  | 0/0    | 0/0    | 100/32 | 0/0    | 0/0    |              |
| WA2PCN           | 1,729   | 53    | 13  | SO-CW-HP   | 0/0  | 0/0    | 2/2    | 51/11  | 0/0    | 0/0    |              |
| N4EFS            | 20      | 2     | 2   | SO-CW-LP   | 0/0  | 0/0    | 2/2    | 0/0    | 0/0    | 0/0    |              |
| NU4E             | 4,464   | 50    | 36  | SOU-MIX-LP | 0/0  | 2/2    | 17/15  | 29/17  | 2/2    | 0/0    |              |
| KA4FVE           | 11,395  | 94    | 53  | SOU-PH-LP  | 0/0  | 3/3    | 39/19  | 46/25  | 6/6    | 0/0    |              |
| WUØB             | 9,798   | 92    | 46  | SOU-PH-LP  | 0/0  | 13/8   | 13/9   | 57/22  | 8/6    | 1/1    |              |
| K2SX             | 445,354 | 1,034 | 182 | SOU-CW-HP  | 0/0  | 165/41 | 262/44 | 285/51 | 184/30 | 138/16 |              |
| NI7R             | 108,409 | 342   | 119 | SOU-CW-HP  | 0/0  | 37/16  | 161/44 | 111/38 | 24/15  | 9/6    |              |
| N4XL             | 24,252  | 225   | 43  | SOU-CW-LP  | 0/0  | 0/0    | 0/0    | 156/24 | 69/19  | 0/0    |              |
| N4IQ             | 422,433 | 1,015 | 187 | MSHP       | 44/7 | 129/37 | 383/60 | 312/41 | 143/39 | 4/3    | N4IQ, WN4AFP |
|                  |         |       |     |            |      |        |        |        |        |        |              |
| Southern Florida |         |       |     |            |      |        |        |        |        |        |              |
| N2JF             | 22,500  | 126   | 60  | SO-MIX-LP  | 0/0  | 0/0    | 84/37  | 42/23  | 0/0    | 0/0    |              |
| AI4WW            | 19,320  | 161   | 46  | SO-MIX-HP  | 0/0  | 0/0    | 38/16  | 99/23  | 24/7   | 0/0    |              |
| N4ASX/W4         | 793     | 24    | 13  | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 24/13  | 0/0    | 0/0    |              |
| K4ILG            | 12      | 2     | 2   | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 2/2    | 0/0    | 0/0    |              |
| N4UM             | 47,034  | 298   | 67  | SO-CW-HP   | 0/0  | 0/0    | 0/0    | 176/35 | 101/26 | 21/6   |              |
| K4SXT            | 38,000  | 199   | 76  | SO-CW-LP   | 0/0  | 7/7    | 28/18  | 131/36 | 22/11  | 11/4   |              |
| W4SPR            | 33,046  | 215   | 62  | SO-CW-LP   | 0/0  | 0/0    | 84/21  | 74/24  | 44/13  | 13/4   |              |
| KN4JN            | 5,040   | 73    | 30  | SO-CW-LP   | 0/0  | 0/0    | 30/10  | 27/11  | 15/8   | 1/1    |              |

|           |         |       |     |            |      |        |        |        |        |        |  |
|-----------|---------|-------|-----|------------|------|--------|--------|--------|--------|--------|--|
| W4EE      | 92,819  | 379   | 101 | SOU-MIX-LP | 0/0  | 9/6    | 86/29  | 186/46 | 61/15  | 37/5   |  |
| N4BP      | 647,192 | 1,381 | 182 | SOU-CW-HP  | 0/0  | 103/42 | 393/52 | 712/50 | 126/26 | 47/12  |  |
| AA4NP     | 56,304  | 249   | 92  | SOU-CW-LP  | 0/0  | 0/0    | 145/42 | 74/36  | 18/9   | 12/5   |  |
| K4MM      | 12,936  | 123   | 44  | SOU-CW-HP  | 0/0  | 0/0    | 0/0    | 123/44 | 0/0    | 0/0    |  |
| AF4RK     | 992     | 30    | 16  | SOU-CW-HP  | 0/0  | 0/0    | 0/0    | 30/16  | 0/0    | 0/0    |  |
|           |         |       |     |            |      |        |        |        |        |        |  |
| Tennessee |         |       |     |            |      |        |        |        |        |        |  |
| KØEJ      | 862,040 | 1,857 | 184 | SO-MIX-HP  | 39/9 | 150/25 | 487/42 | 729/50 | 264/36 | 188/22 |  |
| N4ARO     | 21,120  | 130   | 66  | SO-MIX-LP  | 0/0  | 28/21  | 44/14  | 44/18  | 12/11  | 2/2    |  |
| K4HWS     | 19,152  | 124   | 63  | SO-PH-HP   | 0/0  | 4/3    | 29/17  | 69/25  | 17/14  | 5/4    |  |
| KC4TNQ    | 8,901   | 87    | 43  | SO-PH-LP   | 0/0  | 1/1    | 21/14  | 59/23  | 5/4    | 1/1    |  |
| WB5WAJ    | 7,667   | 91    | 41  | SO-PH-HP   | 0/0  | 0/0    | 34/17  | 45/16  | 9/5    | 3/3    |  |
| KA4OTB    | 5,643   | 81    | 33  | SO-PH-HP   | 0/0  | 0/0    | 4/4    | 67/24  | 7/2    | 3/3    |  |
| KJ4KKD    | 4,818   | 63    | 33  | SO-PH-LP   | 0/0  | 2/2    | 26/13  | 32/16  | 3/2    | 0/0    |  |
| WT4BT     | 3,834   | 62    | 27  | SO-PH-LP   | 0/0  | 0/0    | 15/7   | 45/18  | 1/1    | 1/1    |  |
| KC1DWP    | 245     | 18    | 7   | SO-PH-LP   | 0/0  | 0/0    | 2/1    | 16/6   | 0/0    | 0/0    |  |
| KW4LU     | 1       | 1     | 1   | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 0/0    | 0/0    | 1/1    |  |
| K4OAQ     | 88,956  | 486   | 84  | SO-CW-LP   | 0/0  | 71/15  | 163/24 | 181/28 | 60/12  | 11/5   |  |
| W4UT      | 74,671  | 333   | 89  | SO-CW-HP   | 0/0  | 0/0    | 98/31  | 115/31 | 104/20 | 16/7   |  |
| K4AMC     | 23,376  | 214   | 48  | SO-CW-HP   | 0/0  | 0/0    | 2/1    | 158/25 | 42/18  | 12/4   |  |
| K1GU      | 23,320  | 263   | 40  | SO-CW-HP   | 0/0  | 0/0    | 0/0    | 143/19 | 120/21 | 0/0    |  |
| NU4B      | 16,377  | 120   | 53  | SO-CW-QRP  | 0/0  | 0/0    | 55/24  | 30/14  | 17/8   | 18/7   |  |
| W6UB      | 3,952   | 77    | 19  | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 75/17  | 2/2    | 0/0    |  |
| AC4G      | 3,950   | 74    | 25  | SO-CW-LP   | 0/0  | 0/0    | 23/8   | 0/0    | 0/0    | 51/17  |  |
| W4BCG     | 1,760   | 46    | 16  | SO-CW-HP   | 0/0  | 0/0    | 21/7   | 25/9   | 0/0    | 0/0    |  |
| KX4FR     | 17,885  | 155   | 49  | SOU-MIX-LP | 0/0  | 0/0    | 0/0    | 111/32 | 27/11  | 17/6   |  |
| WV4P      | 166,160 | 403   | 155 | SOU-PH-HP  | 0/0  | 26/15  | 135/49 | 172/53 | 58/28  | 12/10  |  |
| KC4NX     | 69,069  | 398   | 77  | SOU-PH-HP  | 0/0  | 4/3    | 185/42 | 207/30 | 2/2    | 0/0    |  |
| W4MF      | 1,241   | 27    | 17  | SOU-PH-HP  | 0/0  | 0/0    | 0/0    | 27/17  | 0/0    | 0/0    |  |
| W4NZ      | 640,840 | 1,377 | 185 | SOU-CW-HP  | 4/2  | 112/15 | 498/54 | 425/55 | 234/41 | 104/18 |  |
| K3IE      | 517,960 | 1,082 | 184 | SOU-CW-HP  | 11/4 | 89/33  | 380/48 | 426/55 | 131/34 | 45/10  |  |
| AD4EB     | 304,152 | 980   | 138 | SOU-CW-HP  | 0/0  | 60/12  | 279/40 | 396/39 | 210/39 | 35/8   |  |
| N4DW      | 198,744 | 555   | 147 | SOU-CW-HP  | 0/0  | 106/22 | 116/40 | 168/38 | 130/38 | 35/9   |  |
| K4RO      | 120,682 | 593   | 83  | SOU-CW-HP  | 0/0  | 4/2    | 60/9   | 356/31 | 113/28 | 60/13  |  |
| AA4DD     | 97,440  | 248   | 112 | SOU-CW-HP  | 5/4  | 24/16  | 94/42  | 125/50 | 0/0    | 0/0    |  |
| N4UW      | 78,624  | 316   | 96  | SOU-CW-LP  | 0/0  | 31/13  | 140/38 | 95/24  | 42/16  | 8/5    |  |
| W4HRC     | 8,856   | 101   | 41  | SOU-CW-HP  | 0/0  | 2/2    | 36/19  | 44/9   | 10/6   | 9/5    |  |
| W4JUJ     | 273     | 22    | 7   | SOU-CW-LP  | 0/0  | 0/0    | 0/0    | 0/0    | 0/0    | 22/7   |  |
|           |         |       |     |            |      |        |        |        |        |        |  |
| Virginia  |         |       |     |            |      |        |        |        |        |        |  |
| KD1YV     | 126     | 10    | 7   | SO-MIX-LP  | 0/0  | 1/1    | 2/1    | 7/5    | 0/0    | 0/0    |  |
| WA9TTC    | 18,624  | 109   | 64  | SO-PH-HP   | 0/0  | 14/9   | 36/23  | 56/29  | 3/3    | 0/0    |  |
| N4MM      | 15,132  | 291   | 52  | SO-PH-HP   | 0/0  | 0/0    | 0/0    | 0/0    | 0/0    | 0/0    |  |
| KB4S      | 7,020   | 91    | 39  | SO-PH-LP   | 0/0  | 5/5    | 22/11  | 43/12  | 16/7   | 5/4    |  |

|         |         |     |     |            |      |        |        |        |        |       |             |
|---------|---------|-----|-----|------------|------|--------|--------|--------|--------|-------|-------------|
| KA4GFY  | 4,760   | 62  | 35  | SO-PH-HP   | 0/0  | 1/1    | 11/10  | 47/21  | 3/3    | 0/0   |             |
| WA2OMT  | 1,248   | 30  | 16  | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 26/13  | 4/3    | 0/0   |             |
| N4LKB   | 1,008   | 28  | 14  | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 28/14  | 0/0    | 0/0   |             |
| AE4TH   | 720     | 20  | 15  | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 20/15  | 0/0    | 0/0   |             |
| KN4UND  | 264     | 19  | 12  | SO-PH-LP   | 0/0  | 1/1    | 4/3    | 14/8   | 0/0    | 0/0   |             |
| K4LDW   | 84      | 13  | 4   | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 13/4   | 0/0    | 0/0   |             |
| K7SV    | 358,827 | 925 | 147 | SO-CW-LP   | 0/0  | 87/14  | 206/35 | 401/48 | 192/37 | 39/13 |             |
| N2YO    | 212,534 | 641 | 133 | SO-CW-HP   | 0/0  | 137/27 | 242/43 | 180/34 | 48/20  | 34/9  |             |
| AA4EA   | 141,732 | 415 | 127 | SO-CW-HP   | 4/2  | 8/7    | 170/46 | 154/36 | 69/28  | 10/8  |             |
| N3JT    | 77,400  | 251 | 100 | SO-CW-HP   | 4/2  | 40/23  | 159/42 | 38/23  | 10/10  | 0/0   |             |
| K4ORD   | 66,300  | 278 | 100 | SO-CW-LP   | 0/0  | 20/11  | 71/27  | 131/39 | 36/16  | 20/7  |             |
| W4YE    | 58,460  | 301 | 79  | SO-CW-LP   | 0/0  | 10/5   | 42/20  | 151/26 | 94/25  | 4/3   |             |
| K4MX    | 33,118  | 223 | 58  | SO-CW-LP   | 0/0  | 0/0    | 60/23  | 93/18  | 50/11  | 20/6  |             |
| K4FTO   | 31,944  | 204 | 66  | SO-CW-LP   | 7/3  | 15/5   | 29/16  | 110/26 | 36/10  | 7/6   |             |
| WA4DOX  | 6,670   | 100 | 29  | SO-CW-LP   | 0/0  | 28/7   | 51/14  | 21/8   | 0/0    | 0/0   |             |
| AA1K    | 5,040   | 90  | 28  | SO-CW-QRP  | 0/0  | 0/0    | 0/0    | 90/28  | 0/0    | 0/0   |             |
| KG3V    | 4,536   | 56  | 28  | SO-CW-LP   | 0/0  | 0/0    | 26/10  | 30/18  | 0/0    | 0/0   |             |
| WR4I    | 3,528   | 73  | 24  | SO-CW-QRP  | 0/0  | 0/0    | 25/7   | 33/10  | 15/7   | 0/0   |             |
| N8IK    | 1,960   | 58  | 14  | SO-CW-LP   | 0/0  | 0/0    | 27/7   | 23/4   | 8/3    | 0/0   |             |
| K4KSR   | 340     | 18  | 10  | SO-CW-QRP  | 0/0  | 0/0    | 5/4    | 0/0    | 0/0    | 13/6  |             |
| W4/NP2L | 329     | 20  | 7   | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 20/7   | 0/0    | 0/0   |             |
| N4RLI   | 54      | 10  | 3   | SO-CW-QRP  | 0/0  | 0/0    | 0/0    | 10/3   | 0/0    | 0/0   |             |
| N3UA    | 116,034 | 447 | 83  | SOU-MIX-HP | 0/0  | 0/0    | 185/39 | 260/42 | 2/2    | 0/0   |             |
| WA4JUK  | 73,134  | 508 | 51  | SOU-MIX-HP | 0/0  | 0/0    | 0/0    | 508/51 | 0/0    | 0/0   |             |
| W2YE    | 37,752  | 206 | 78  | SOU-MIX-HP | 0/0  | 20/11  | 67/26  | 94/25  | 21/14  | 4/2   |             |
| K4JKB   | 27,654  | 206 | 66  | SOU-MIX-HP | 0/0  | 11/6   | 49/11  | 109/32 | 16/9   | 21/8  |             |
| K4CUL   | 184     | 18  | 8   | SOU-MIX-LP | 0/0  | 0/0    | 10/1   | 5/4    | 1/1    | 2/2   |             |
| KM4IAJ  | 22,680  | 143 | 70  | SOU-PH-LP  | 0/0  | 7/4    | 61/25  | 54/25  | 18/13  | 3/3   |             |
| K4PZZ   | 12,312  | 99  | 54  | SOU-PH-HP  | 0/0  | 0/0    | 38/18  | 50/25  | 9/9    | 2/2   |             |
| W4IPC   | 12,210  | 214 | 33  | SOU-PH-HP  | 0/0  | 0/0    | 108/16 | 106/17 | 0/0    | 0/0   |             |
| N2LEE   | 5,680   | 67  | 40  | SOU-PH-HP  | 0/0  | 4/4    | 30/17  | 33/19  | 0/0    | 0/0   |             |
| NN4RB   | 5,016   | 54  | 38  | SOU-PH-LP  | 0/0  | 0/0    | 27/21  | 27/17  | 0/0    | 0/0   |             |
| KC2DPF  | 3,784   | 96  | 22  | SOU-PH-LP  | 0/0  | 0/0    | 39/9   | 52/9   | 4/3    | 1/1   |             |
| KD4LEM  | 2,490   | 40  | 30  | SOU-PH-LP  | 0/0  | 4/4    | 14/10  | 22/16  | 0/0    | 0/0   |             |
| NR4M    | 325,452 | 812 | 148 | SOU-CW-HP  | 0/0  | 0/0    | 164/40 | 373/54 | 192/35 | 83/19 |             |
| K2WK    | 237,978 | 790 | 117 | SOU-CW-HP  | 0/0  | 54/18  | 316/43 | 360/39 | 58/15  | 2/2   |             |
| KØZR    | 133,100 | 450 | 100 | SOU-CW-HP  | 0/0  | 7/6    | 178/38 | 194/34 | 68/20  | 3/2   |             |
| W4PM    | 124,215 | 522 | 105 | SOU-CW-LP  | 16/5 | 91/13  | 192/41 | 136/25 | 51/14  | 36/7  |             |
| K4GM    | 106,680 | 420 | 105 | SOU-CW-HP  | 0/0  | 23/10  | 160/40 | 147/34 | 60/13  | 30/8  |             |
| W3YY    | 93,135  | 387 | 105 | SOU-CW-HP  | 22/6 | 54/12  | 172/43 | 44/13  | 34/13  | 61/18 |             |
| K4GMH   | 48,645  | 350 | 45  | SOU-CW-HP  | 0/0  | 0/0    | 350/45 | 0/0    | 0/0    | 0/0   |             |
| N3KN    | 15,372  | 164 | 42  | SOU-CW-HP  | 0/0  | 0/0    | 0/0    | 86/16  | 48/16  | 30/10 |             |
| NJ4Q    | 10,504  | 78  | 52  | SOU-CW-LP  | 0/0  | 0/0    | 36/26  | 20/13  | 22/13  | 0/0   |             |
| WØNA    | 265,727 | 533 | 187 | MSHP       | 0/0  | 96/27  | 200/55 | 66/55  | 116/35 | 55/15 | K2GO, W4AAW |

|                      |           |       |     |           |       |        |        |        |        |        |      |
|----------------------|-----------|-------|-----|-----------|-------|--------|--------|--------|--------|--------|------|
|                      |           |       |     |           |       |        |        |        |        |        |      |
| West Central Florida |           |       |     |           |       |        |        |        |        |        |      |
| AAØO                 | 65,424    | 296   | 87  | SO-MIX-LP | 0/0   | 14/7   | 28/15  | 203/46 | 42/13  | 9/6    |      |
| KM3U                 | 38,115    | 195   | 77  | SO-PH-HP  | 0/0   | 4/3    | 72/30  | 93/30  | 26/14  | 0/0    |      |
| KU4FX                | 20,237    | 145   | 59  | SO-PH-HP  | 0/0   | 0/0    | 39/21  | 94/30  | 12/8   | 0/0    |      |
| KD4CX                | 9,061     | 85    | 41  | SO-PH-LP  | 0/0   | 0/0    | 25/16  | 57/22  | 3/3    | 0/0    |      |
| N8JAX                | 7,015     | 203   | 35  | SO-PH-HP  | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0    |      |
| WB4TDH               | 227,250   | 582   | 150 | SO-CW-LP  | 16/8  | 44/12  | 149/44 | 219/47 | 99/29  | 55/10  |      |
| K4EJ                 | 57,828    | 251   | 79  | SO-CW-LP  | 0/0   | 0/0    | 63/29  | 161/39 | 21/8   | 6/3    |      |
| N3GD                 | 17,353    | 188   | 37  | SO-CW-LP  | 0/0   | 0/0    | 0/0    | 188/37 | 0/0    | 0/0    |      |
| K1TN                 | 15,936    | 132   | 48  | SO-CW-LP  | 0/0   | 3/3    | 57/21  | 56/18  | 16/6   | 0/0    |      |
| WØPV                 | 1,800     | 38    | 18  | SO-CW-LP  | 0/0   | 0/0    | 25/10  | 13/8   | 0/0    | 0/0    |      |
| W4CU                 | 239,525   | 618   | 143 | SOU-CW-HP | 0/0   | 14/6   | 196/51 | 300/56 | 90/25  | 18/5   |      |
| K2MK                 | 108,924   | 546   | 87  | SOU-CW-LP | 0/0   | 0/0    | 190/37 | 258/33 | 78/11  | 20/6   |      |
| N4TP                 | 47,894    | 228   | 77  | SOU-CW-LP | 0/0   | 0/0    | 58/36  | 170/41 | 0/0    | 0/0    | W4LT |
| W2XYZ                | 7,320     | 124   | 24  | SOU-CW-HP | 0/0   | 0/0    | 13/6   | 108/15 | 3/3    | 0/0    |      |
|                      |           |       |     |           |       |        |        |        |        |        |      |
| U.S. Call Area 5     |           |       |     |           |       |        |        |        |        |        |      |
|                      |           |       |     |           |       |        |        |        |        |        |      |
| Louisiana            |           |       |     |           |       |        |        |        |        |        |      |
| N5WWY                | 910       | 34    | 14  | SO-PH-LP  | 0/0   | 0/0    | 4/3    | 30/11  | 0/0    | 0/0    |      |
|                      |           |       |     |           |       |        |        |        |        |        |      |
| Mississippi          |           |       |     |           |       |        |        |        |        |        |      |
| K5YVY                | 3,825     | 67    | 25  | SO-PH-LP  | 0/0   | 0/0    | 15/5   | 48/16  | 4/4    | 0/0    |      |
| K15EJB               | 1,722     | 46    | 14  | SO-PH-LP  | 0/0   | 0/0    | 0/0    | 46/14  | 0/0    | 0/0    |      |
| WQ5L                 | 172,874   | 594   | 122 | SO-CW-HP  | 3/2   | 86/18  | 213/46 | 228/35 | 55/17  | 9/4    |      |
| K7ZYV                | 3,906     | 98    | 21  | SO-CW-LP  | 0/0   | 0/0    | 0/0    | 42/9   | 55/11  | 1/1    |      |
|                      |           |       |     |           |       |        |        |        |        |        |      |
| U.S. Call Area 8     |           |       |     |           |       |        |        |        |        |        |      |
|                      |           |       |     |           |       |        |        |        |        |        |      |
| Michigan             |           |       |     |           |       |        |        |        |        |        |      |
| AE8TF                | 47,369    | 368   | 67  | SO-MIX-LP | 8/3   | 16/6   | 77/18  | 199/22 | 52/12  | 16/6   |      |
| WB8MIW               | 8,645     | 123   | 35  | SO-MIX-LP | 0/0   | 0/0    | 65/20  | 58/15  | 0/0    | 0/0    |      |
| N8SBE                | 3,840     | 70    | 20  | SO-MIX-LP | 0/0   | 0/0    | 0/0    | 70/20  | 0/0    | 0/0    |      |
| W8PDH                | 33,128    | 175   | 82  | SO-PH-LP  | 0/0   | 15/11  | 43/20  | 101/36 | 13/12  | 3/3    |      |
| N5MKY                | 2,860     | 55    | 26  | SO-PH-LP  | 0/0   | 1/1    | 18/7   | 32/14  | 2/2    | 2/2    |      |
| W8ZU                 | 1,728     | 47    | 18  | SO-PH-LP  | 0/0   | 0/0    | 0/0    | 44/15  | 3/3    | 0/0    |      |
| KE8LXT               | 1,476     | 49    | 12  | SO-PH-LP  | 0/0   | 0/0    | 0/0    | 49/12  | 0/0    | 0/0    |      |
| AC8WC                | 520       | 21    | 13  | SO-PH-LP  | 0/0   | 0/0    | 3/2    | 15/8   | 1/1    | 2/2    |      |
| W8ZAC                | 248       | 19    | 8   | SO-PH-LP  | 0/0   | 0/0    | 0/0    | 17/7   | 2/1    | 0/0    |      |
| NA8V                 | 1,061,632 | 1,945 | 208 | SO-CW-HP  | 64/11 | 229/34 | 529/53 | 753/54 | 261/36 | 109/20 |      |
| N8RY                 | 40,180    | 383   | 49  | SO-CW-LP  | 0/0   | 45/7   | 106/12 | 226/29 | 0/0    | 6/1    |      |
| NF8M                 | 25,792    | 182   | 64  | SO-CW-LP  | 12/3  | 14/6   | 80/30  | 34/8   | 22/8   | 20/9   |      |
| WD8S                 | 24,200    | 197   | 55  | SO-CW-LP  | 0/0   | 3/3    | 36/11  | 141/35 | 15/5   | 2/1    |      |

|        |         |       |     |             |       |        |        |        |        |       |  |
|--------|---------|-------|-----|-------------|-------|--------|--------|--------|--------|-------|--|
| N8FYL  | 8,640   | 112   | 36  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 72/20  | 26/10  | 14/6  |  |
| K8GT   | 76,095  | 364   | 89  | SOU-MIX-LP  | 0/0   | 9/3    | 138/36 | 159/29 | 39/12  | 19/9  |  |
| K8LX   | 4,508   | 54    | 28  | SOU-MIX-LP  | 0/0   | 0/0    | 0/0    | 54/28  | 0/0    | 0/0   |  |
| K8RO   | 4,185   | 63    | 27  | SOU-MIX-LP  | 0/0   | 0/0    | 0/0    | 54/22  | 3/3    | 6/2   |  |
| K8BZ   | 91,056  | 401   | 112 | SOU-CW-HP   | 3/3   | 23/11  | 105/31 | 158/36 | 61/23  | 51/8  |  |
| W8MJ   | 87,502  | 440   | 67  | SOU-CW-HP   | 35/7  | 9/4    | 124/22 | 254/22 | 14/10  | 4/2   |  |
| K8MU   | 24,288  | 264   | 44  | SOU-CW-LP   | 0/0   | 0/0    | 0/0    | 218/32 | 43/9   | 3/3   |  |
| W8EWH  | 17,630  | 221   | 41  | SOU-CW-LP   | 0/0   | 0/0    | 70/13  | 91/15  | 55/9   | 5/4   |  |
| K8TS   | 10,280  | 118   | 40  | SOU-CW-LP   | 0/0   | 4/1    | 76/22  | 33/12  | 3/3    | 2/2   |  |
|        |         |       |     |             |       |        |        |        |        |       |  |
| Ohio   |         |       |     |             |       |        |        |        |        |       |  |
| K4YJ   | 78,375  | 347   | 95  | SO-MIX-LP   | 0/0   | 13/7   | 73/29  | 163/31 | 73/19  | 25/9  |  |
| WB8AKW | 75,760  | 440   | 80  | SO-MIX-HP   | 0/0   | 48/8   | 104/22 | 218/30 | 56/14  | 14/6  |  |
| W8MET  | 74,108  | 372   | 97  | SO-MIX-LP   | 8/2   | 39/11  | 102/29 | 186/38 | 31/14  | 6/3   |  |
| N8IW   | 72,726  | 297   | 102 | SO-MIX-LP   | 0/0   | 40/9   | 63/26  | 148/41 | 37/19  | 9/7   |  |
| ND3N   | 19,239  | 176   | 53  | SO-MIX-LP   | 0/0   | 14/6   | 56/18  | 76/19  | 19/5   | 11/5  |  |
| W8TB   | 10,812  | 82    | 51  | SO-MIX-LP   | 1/1   | 1/1    | 35/21  | 40/24  | 5/4    | 0/0   |  |
| KA8ZEP | 2,912   | 45    | 28  | SO-MIX-HP   | 0/0   | 0/0    | 6/5    | 38/22  | 0/0    | 1/1   |  |
| KC8FOS | 222     | 17    | 6   | SO-MIX-HP   | 0/0   | 0/0    | 0/0    | 15/4   | 2/2    | 0/0   |  |
| KV8Z   | 55      | 5     | 5   | SO-MIX-LP   | 0/0   | 0/0    | 1/1    | 4/4    | 0/0    | 0/0   |  |
| AA8DC  | 37,128  | 190   | 78  | SO-PH-HP    | 2/1   | 1/1    | 55/26  | 118/39 | 12/9   | 2/2   |  |
| KV4ZY  | 12,402  | 90    | 53  | SO-PH-LP    | 0/0   | 0/0    | 42/24  | 44/25  | 4/4    | 0/0   |  |
| KD8DNS | 690     | 28    | 10  | SO-PH-LP    | 0/0   | 0/0    | 0/0    | 28/10  | 0/0    | 0/0   |  |
| WA8ZIP | 161     | 12    | 7   | SO-PH-QRP   | 0/0   | 1/1    | 1/1    | 10/5   | 0/0    | 0/0   |  |
| NK8D   | 54      | 10    | 3   | SO-PH-LP    | 0/0   | 0/0    | 0/0    | 10/3   | 0/0    | 0/0   |  |
| W1NN   | 468,860 | 1,232 | 170 | SO-CW-LP    | 65/8  | 208/26 | 418/47 | 338/40 | 142/32 | 61/17 |  |
| N8BJQ  | 466,900 | 1,074 | 175 | SO-CW-HP    | 51/5  | 117/24 | 288/50 | 346/46 | 187/34 | 85/16 |  |
| N8AA   | 329,749 | 818   | 163 | SO-CW-LP    | 44/10 | 181/33 | 204/44 | 244/39 | 98/23  | 47/14 |  |
| K8MP   | 289,192 | 811   | 148 | SO-CW-HP    | 14/6  | 77/26  | 269/42 | 291/34 | 90/24  | 70/16 |  |
| KV8Q   | 128,610 | 683   | 90  | SO-CW-LP    | 0/0   | 83/9   | 262/35 | 260/32 | 78/14  | 0/0   |  |
| NF8R   | 121,880 | 417   | 110 | SO-CW-HP    | 0/0   | 13/5   | 109/35 | 183/36 | 86/27  | 26/7  |  |
| N8PW   | 120,420 | 561   | 90  | SO-CW-HP    | 0/0   | 1/1    | 46/18  | 379/45 | 121/20 | 14/6  |  |
| W8TM   | 110,134 | 426   | 106 | SO-CW-LP    | 0/0   | 44/9   | 154/36 | 162/33 | 43/19  | 23/9  |  |
| WB8JUI | 97,194  | 495   | 97  | SO-CW-LP    | 35/6  | 70/8   | 150/24 | 108/25 | 66/19  | 66/15 |  |
| AF8A   | 53,400  | 352   | 75  | SO-CW-LP    | 0/0   | 56/7   | 120/28 | 106/20 | 49/11  | 21/9  |  |
| W8DXU  | 3,120   | 101   | 16  | SO-CW-QRP   | 0/0   | 0/0    | 39/7   | 62/9   | 0/0    | 0/0   |  |
| NS8O   | 3,024   | 59    | 24  | SO-CW-HP    | 0/0   | 0/0    | 0/0    | 29/9   | 20/10  | 10/5  |  |
| KD8W   | 2,669   | 67    | 17  | SO-CW-LP    | 0/0   | 0/0    | 6/3    | 50/8   | 10/5   | 1/1   |  |
| KC8J   | 2,106   | 64    | 18  | SO-CW-LP    | 0/0   | 0/0    | 22/4   | 38/11  | 4/3    | 0/0   |  |
| KD8SAV | 1,644   | 55    | 12  | SO-CW-LP    | 0/0   | 0/0    | 55/12  | 0/0    | 0/0    | 0/0   |  |
| K8RJW  | 927     | 49    | 9   | SO-CW-QRP   | 0/0   | 0/0    | 0/0    | 49/9   | 0/0    | 0/0   |  |
| W8PN   | 639     | 54    | 9   | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 18/2   | 24/4   | 12/3  |  |
| W8KNO  | 480     | 18    | 12  | SO-CW-LP    | 2/1   | 6/2    | 1/1    | 5/4    | 3/3    | 1/1   |  |
| K8ZT   | 47,250  | 229   | 90  | SOU-MIX-QRP | 3/2   | 10/5   | 31/11  | 117/37 | 47/21  | 21/14 |  |

|                  |           |       |     |            |       |        |        |        |        |        |                                                                           |
|------------------|-----------|-------|-----|------------|-------|--------|--------|--------|--------|--------|---------------------------------------------------------------------------|
| W8BI             | 30,690    | 197   | 66  | SOU-MIX-HP | 0/0   | 6/4    | 119/27 | 61/24  | 10/10  | 1/1    | KB8UEY                                                                    |
| KF8MZ            | 3,570     | 62    | 30  | SOU-MIX-HP | 0/0   | 5/3    | 18/8   | 32/15  | 0/0    | 7/4    |                                                                           |
| N8BI             | 339,146   | 874   | 151 | SOU-PH-HP  | 0/0   | 37/17  | 220/36 | 514/58 | 84/31  | 19/9   |                                                                           |
| WS6K             | 3,300     | 60    | 30  | SOU-PH-LP  | 0/0   | 0/0    | 4/3    | 49/20  | 5/5    | 2/2    |                                                                           |
| K8PK             | 92,016    | 333   | 108 | SOU-CW-HP  | 0/0   | 26/7   | 105/38 | 137/43 | 65/20  | 0/0    |                                                                           |
| AA8TA            | 13,062    | 148   | 42  | SOU-CW-LP  | 0/0   | 2/1    | 44/12  | 79/19  | 17/7   | 6/3    |                                                                           |
| K8AZ             | 1,769,888 | 2,069 | 284 | MSHP       | 55/16 | 189/48 | 523/68 | 887/78 | 345/50 | 70/24  | AA8OY, K8AZ, K8BL, K8NZ, K8RR, KE3X, N8TR, W3YQ, W8CAR, W8TC, W8WTS, WB8K |
| K8AJS            | 260,414   | 867   | 133 | MSHP       | 26/6  | 64/11  | 242/44 | 423/45 | 84/18  | 28/9   | K8AJS, KG9Z                                                               |
|                  |           |       |     |            |       |        |        |        |        |        |                                                                           |
| West Virginia    |           |       |     |            |       |        |        |        |        |        |                                                                           |
| N8II             | 149,688   | 443   | 132 | SO-MIX-LP  | 0/0   | 0/0    | 129/35 | 162/43 | 91/32  | 61/22  |                                                                           |
| K3JT             | 443,784   | 1,078 | 164 | SO-CW-HP   | 60/8  | 113/22 | 229/44 | 517/54 | 129/30 | 30/6   |                                                                           |
| WA8KAN           | 85,162    | 395   | 98  | SO-CW-HP   | 23/5  | 33/8   | 63/16  | 159/35 | 65/20  | 52/14  |                                                                           |
| AK2U             | 10,496    | 134   | 32  | SO-CW-LP   | 0/0   | 0/0    | 22/13  | 112/19 | 0/0    | 0/0    |                                                                           |
| WT8WV            | 32,984    | 182   | 76  | SOU-PH-LP  | 0/0   | 12/8   | 50/27  | 109/33 | 8/5    | 3/3    |                                                                           |
| KD8UWF           | 306       | 18    | 9   | SOU-PH-LP  | 0/0   | 0/0    | 15/6   | 3/3    | 0/0    | 0/0    |                                                                           |
|                  |           |       |     |            |       |        |        |        |        |        |                                                                           |
| U.S. Call Area 9 |           |       |     |            |       |        |        |        |        |        |                                                                           |
|                  |           |       |     |            |       |        |        |        |        |        |                                                                           |
| Illinois         |           |       |     |            |       |        |        |        |        |        |                                                                           |
| K9ZO             | 720,945   | 1,652 | 185 | SO-MIX-HP  | 73/12 | 213/24 | 508/49 | 572/55 | 178/33 | 108/12 | WT2P                                                                      |
| KOØZ             | 18,183    | 125   | 57  | SO-MIX-LP  | 0/0   | 0/0    | 26/12  | 54/23  | 25/14  | 20/8   |                                                                           |
| KC9UL            | 3,528     | 84    | 24  | SO-MIX-LP  | 0/0   | 0/0    | 5/2    | 38/11  | 23/6   | 18/5   |                                                                           |
| W9NZ             | 35,855    | 212   | 71  | SO-PH-HP   | 0/0   | 3/3    | 54/25  | 134/35 | 20/7   | 1/1    |                                                                           |
| WB9DAR           | 15,455    | 128   | 55  | SO-PH-LP   | 0/0   | 4/3    | 50/25  | 69/22  | 4/4    | 1/1    |                                                                           |
| KD9GY            | 11,760    | 104   | 49  | SO-PH-LP   | 0/0   | 0/0    | 8/6    | 68/26  | 23/13  | 5/4    |                                                                           |
| KC9WRB           | 10,305    | 99    | 45  | SO-PH-LP   | 0/0   | 0/0    | 11/8   | 70/23  | 15/11  | 3/3    |                                                                           |
| KC9NUW           | 1,691     | 34    | 19  | SO-PH-LP   | 0/0   | 0/0    | 8/6    | 26/13  | 0/0    | 0/0    |                                                                           |
| W9KVR            | 50        | 6     | 5   | SO-PH-LP   | 0/0   | 6/5    | 0/0    | 0/0    | 0/0    | 0/0    |                                                                           |
| WD9CIR           | 86,526    | 395   | 99  | SO-CW-LP   | 11/4  | 76/11  | 131/35 | 131/29 | 38/14  | 8/6    |                                                                           |
| WB9HFK           | 40,936    | 353   | 56  | SO-CW-LP   | 0/0   | 0/0    | 105/17 | 178/24 | 40/7   | 30/8   |                                                                           |
| KYØQ             | 35,700    | 288   | 60  | SO-CW-LP   | 0/0   | 18/3   | 89/18  | 125/25 | 24/7   | 32/7   |                                                                           |
| W9SE             | 29,913    | 244   | 59  | SO-CW-LP   | 0/0   | 45/12  | 48/11  | 106/22 | 37/9   | 8/5    |                                                                           |
| K9CW             | 13,554    | 110   | 54  | SO-CW-LP   | 0/0   | 0/0    | 17/7   | 34/19  | 31/16  | 28/12  |                                                                           |
| K9PMV            | 8,811     | 110   | 33  | SO-CW-LP   | 0/0   | 0/0    | 38/10  | 66/19  | 1/1    | 5/3    |                                                                           |
| KG9N             | 6,696     | 102   | 27  | SO-CW-HP   | 0/0   | 14/4   | 30/8   | 58/15  | 0/0    | 0/0    |                                                                           |
| K9GY             | 5,928     | 119   | 26  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 37/6   | 39/9   | 43/11  |                                                                           |
| W9VQ             | 3,072     | 45    | 32  | SO-CW-LP   | 0/0   | 8/4    | 14/11  | 14/9   | 3/3    | 6/5    |                                                                           |
| KB9O             | 1,005     | 29    | 15  | SO-CW-LP   | 0/0   | 0/0    | 15/5   | 14/10  | 0/0    | 0/0    |                                                                           |
| NJ9Q             | 150       | 13    | 6   | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 0/0    | 13/6   | 0/0    |                                                                           |
| ND9G             | 403,550   | 893   | 175 | SOU-MIX-HP | 10/4  | 75/18  | 317/56 | 391/58 | 62/28  | 38/11  |                                                                           |
| N2BJ             | 233,820   | 745   | 135 | SOU-MIX-HP | 0/0   | 154/27 | 296/47 | 222/32 | 73/29  | 0/0    |                                                                           |
| K9PG             | 122,496   | 401   | 128 | SOU-MIX-LP | 15/5  | 46/16  | 129/39 | 149/39 | 37/22  | 25/7   |                                                                           |

|           |           |       |     |            |       |        |        |          |        |        |            |
|-----------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|--------|------------|
| K9PY      | 20,032    | 128   | 64  | SOU-MIX-HP | 0/0   | 4/4    | 30/23  | 73/25    | 10/8   | 11/4   |            |
| NR9E      | 15,040    | 182   | 40  | SOU-MIX-LP | 0/0   | 0/0    | 33/11  | 139/25   | 10/4   | 0/0    |            |
| AC9S      | 224       | 17    | 8   | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 0/0      | 12/5   | 5/3    |            |
| NR9K      | 2,349     | 33    | 27  | SOU-PH-LP  | 0/0   | 3/3    | 8/8    | 22/16    | 0/0    | 0/0    |            |
| KC9BG     | 2,124     | 52    | 18  | SOU-PH-HP  | 0/0   | 0/0    | 10/5   | 42/13    | 0/0    | 0/0    |            |
| KC9WIB    | 230       | 23    | 5   | SOU-PH-HP  | 0/0   | 0/0    | 0/0    | 23/5     | 0/0    | 0/0    |            |
| K9CT      | 1,541,375 | 1,948 | 275 | SOU-CW-HP  | 36/14 | 184/50 | 490/70 | 841/73   | 261/46 | 136/22 |            |
| N9CO      | 370,944   | 925   | 144 | SOU-CW-HP  | 0/0   | 96/24  | 318/55 | 511/65   | 0/0    | 0/0    |            |
| AB9YC     | 175,275   | 595   | 123 | SOU-CW-LP  | 0/0   | 58/10  | 193/40 | 258/44   | 55/19  | 31/10  |            |
| N7US      | 117,216   | 360   | 111 | SOU-CW-HP  | 0/0   | 34/19  | 195/44 | 118/41   | 9/6    | 4/1    |            |
| WA9LEY    | 36,380    | 244   | 68  | SOU-CW-LP  | 0/0   | 0/0    | 61/23  | 92/23    | 67/14  | 24/8   |            |
| NA1LZ     | 35,295    | 227   | 65  | SOU-CW-HP  | 0/0   | 0/0    | 15/13  | 158/36   | 45/12  | 9/4    | NX9G       |
| W3HDD     | 7,956     | 75    | 39  | SOU-CW-HP  | 0/0   | 7/6    | 37/17  | 31/16    | 0/0    | 0/0    |            |
| KC9EE     | 4,669     | 100   | 23  | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 70/9     | 22/11  | 8/3    |            |
| NV9L      | 1,030,688 | 1,599 | 248 | MSHP       | 58/22 | 128/36 | 224/51 | 735/72   | 293/44 | 161/23 | NV9L, WB9Z |
|           |           |       |     |            |       |        |        |          |        |        |            |
| Indiana   |           |       |     |            |       |        |        |          |        |        |            |
| W9PA      | 534,280   | 1,192 | 185 | SO-MIX-LP  | 74/11 | 149/21 | 298/44 | 446/57   | 134/33 | 91/19  | N9NB       |
| WB9ONU    | 10,455    | 103   | 51  | SO-PH-HP   | 0/0   | 8/7    | 22/13  | 70/28    | 3/3    | 0/0    |            |
| AC9QM     | 3,480     | 65    | 30  | SO-PH-LP   | 0/0   | 2/2    | 10/5   | 42/14    | 10/8   | 1/1    |            |
| KC9WOM    | 1,410     | 48    | 15  | SO-PH-LP   | 0/0   | 2/2    | 5/3    | 31/5     | 9/4    | 1/1    |            |
| W9CTH     | 650       | 33    | 10  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 33/10    | 0/0    | 0/0    |            |
| KE9YK     | 403       | 15    | 13  | SO-PH-LP   | 0/0   | 0/0    | 8/8    | 7/5      | 0/0    | 0/0    |            |
| KD9KNJ    | 8         | 4     | 2   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 0/0      | 0/0    | 4/2    |            |
| W9RE      | 1,429,924 | 2,083 | 236 | SO-CW-HP   | 47/17 | 208/43 | 386/56 | 1,018/63 | 306/38 | 118/19 |            |
| N9KR      | 155,364   | 599   | 107 | SO-CW-HP   | 0/0   | 72/20  | 188/39 | 270/33   | 61/11  | 8/4    |            |
| WD8DSB    | 31,265    | 214   | 65  | SO-CW-LP   | 20/5  | 54/17  | 97/22  | 17/7     | 12/6   | 14/8   |            |
| KØTQ      | 3,969     | 51    | 27  | SO-CW-HP   | 0/0   | 8/4    | 38/18  | 5/5      | 0/0    | 0/0    |            |
| W9HT      | 25,272    | 162   | 78  | SOU-MIX-HP | 3/2   | 21/9   | 29/22  | 52/28    | 29/9   | 28/8   |            |
| KC9WAV    | 3,726     | 46    | 18  | SOU-PH-HP  | 0/0   | 0/0    | 0/0    | 41/14    | 4/3    | 1/1    |            |
| K9NW      | 1,155,729 | 1,690 | 257 | SOU-CW-HP  | 57/11 | 233/45 | 413/61 | 524/68   | 289/47 | 174/25 |            |
| WT9U      | 295,290   | 898   | 153 | SOU-CW-HP  | 0/0   | 155/29 | 162/45 | 275/37   | 227/27 | 79/15  |            |
| KT9L      | 49        | 7     | 7   | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 7/7      | 0/0    | 0/0    |            |
| K9GX      | 108,819   | 404   | 107 | MSHP       | 0/0   | 17/5   | 152/43 | 219/48   | 0/0    | 16/11  | K4FN, K9GX |
|           |           |       |     |            |       |        |        |          |        |        |            |
| Wisconsin |           |       |     |            |       |        |        |          |        |        |            |
| ND9Z      | 48,246    | 219   | 86  | SO-MIX-HP  | 0/0   | 3/3    | 52/24  | 121/34   | 34/21  | 9/4    |            |
| N9EAX     | 6,360     | 72    | 40  | SO-PH-LP   | 0/0   | 0/0    | 31/19  | 38/18    | 1/1    | 2/2    |            |
| KV9M      | 5,456     | 89    | 31  | SO-PH-HP   | 0/0   | 0/0    | 10/7   | 68/18    | 9/4    | 2/2    |            |
| N9WLF     | 252       | 16    | 9   | SO-PH-LP   | 0/0   | 0/0    | 2/2    | 14/7     | 0/0    | 0/0    |            |
| N8HWV     | 78        | 10    | 3   | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 10/3     | 0/0    | 0/0    |            |
| N9WK      | 2,970     | 38    | 33  | SOU-MIX-HP | 0/0   | 0/0    | 11/8   | 14/14    | 6/6    | 7/5    |            |
| NQ9A      | 369       | 19    | 9   | SOU-MIX-LP | 0/0   | 0/0    | 4/3    | 14/5     | 1/1    | 0/0    |            |
| K9OM      | 428,672   | 859   | 197 | SOU-CW-LP  | 26/6  | 89/29  | 154/49 | 360/60   | 177/40 | 53/13  |            |

[illegible]

|                    |           |       |     |             |       |        |          |          |        |       |                                     |
|--------------------|-----------|-------|-----|-------------|-------|--------|----------|----------|--------|-------|-------------------------------------|
| Aruba              |           |       |     |             |       |        |          |          |        |       |                                     |
| P44W               | 3,063,725 | 2,345 | 287 | SOU-CW-HP   | 31/22 | 280/54 | 687/73   | 891/73   | 424/52 | 32/13 | W2GD                                |
|                    |           |       |     |             |       |        |          |          |        |       |                                     |
| Barbados           |           |       |     |             |       |        |          |          |        |       |                                     |
| 8P5A               | 1,018,236 | 1,853 | 159 | SO-CW-LP    | 0/0   | 238/34 | 579/40   | 725/45   | 258/32 | 53/8  | W2SC                                |
|                    |           |       |     |             |       |        |          |          |        |       |                                     |
| Bonaire            |           |       |     |             |       |        |          |          |        |       |                                     |
| PJ4DX              | 658,392   | 901   | 168 | SOU-PH-HP   | 4/4   | 42/27  | 148/44   | 582/52   | 120/36 | 5/5   |                                     |
| PJ4/W9SN           | 499,104   | 783   | 144 | SOU-CW-LP   | 2/2   | 37/26  | 178/42   | 411/45   | 154/28 | 1/1   |                                     |
|                    |           |       |     |             |       |        |          |          |        |       |                                     |
| Costa Rica         |           |       |     |             |       |        |          |          |        |       |                                     |
| TI7W               | 2,307,825 | 2,955 | 225 | SOU-MIX-HP  | 9/4   | 156/38 | 1,274/81 | 1,297/66 | 210/33 | 9/3   | N3KS                                |
| TI2WMP             | 2,329     | 45    | 17  | SOU-PH-LP   | 0/0   | 0/0    | 0/0      | 45/17    | 0/0    | 0/0   |                                     |
|                    |           |       |     |             |       |        |          |          |        |       |                                     |
| Cuba               |           |       |     |             |       |        |          |          |        |       |                                     |
| CO8BYT             | 2,844     | 54    | 18  | SO-PH-HP    | 0/0   | 0/0    | 0/0      | 54/18    | 0/0    | 0/0   |                                     |
| CM8NMN             | 91,083    | 322   | 97  | SO-CW-LP    | 0/0   | 28/12  | 146/36   | 91/31    | 57/18  | 0/0   |                                     |
| CO6RD              | 70,564    | 380   | 59  | SO-CW-LP    | 0/0   | 0/0    | 225/29   | 122/24   | 33/6   | 0/0   |                                     |
| CO2SG              | 2,520     | 45    | 20  | SO-CW-LP    | 0/0   | 0/0    | 0/0      | 45/20    | 0/0    | 0/0   |                                     |
| CO2CW              | 2,325     | 54    | 15  | SO-CW-QRP   | 0/0   | 0/0    | 54/15    | 0/0      | 0/0    | 0/0   |                                     |
| CM3EFM             | 4,896     | 64    | 32  | SOU-MIX-QRP | 0/0   | 0/0    | 32/20    | 0/0      | 31/11  | 1/1   |                                     |
|                    |           |       |     |             |       |        |          |          |        |       |                                     |
| Dominican Republic |           |       |     |             |       |        |          |          |        |       |                                     |
| HI8A               | 23,616    | 119   | 82  | SO-CW-LP    | 4/2   | 23/10  | 29/20    | 42/33    | 19/15  | 2/2   |                                     |
| HI8RD              | 204,880   | 563   | 104 | SOU-PH-HP   | 0/0   | 35/16  | 116/38   | 409/47   | 3/3    | 0/0   |                                     |
|                    |           |       |     |             |       |        |          |          |        |       |                                     |
| Guatemala          |           |       |     |             |       |        |          |          |        |       |                                     |
| TG9ANF             | 102,195   | 736   | 45  | SO-PH-LP    | 0/0   | 0/0    | 0/0      | 736/45   | 0/0    | 0/0   |                                     |
|                    |           |       |     |             |       |        |          |          |        |       |                                     |
| Haiti              |           |       |     |             |       |        |          |          |        |       |                                     |
| HH2AA              | 660,060   | 1,095 | 180 | SOU-CW-LP   | 7/5   | 59/22  | 249/50   | 644/61   | 119/36 | 17/6  | KO7SS                               |
|                    |           |       |     |             |       |        |          |          |        |       |                                     |
| Honduras           |           |       |     |             |       |        |          |          |        |       |                                     |
| W5MIL/HR9          | 1,955     | 31    | 17  | SO-PH-LP    | 0/0   | 0/0    | 8/4      | 17/10    | 6/3    | 0/0   |                                     |
|                    |           |       |     |             |       |        |          |          |        |       |                                     |
| Panama             |           |       |     |             |       |        |          |          |        |       |                                     |
| HP3SS              | 23,820    | 341   | 20  | SO-CW-HP    | 0/0   | 0/0    | 0/0      | 341/20   | 0/0    | 0/0   |                                     |
| HP1AC              | 10,982    | 104   | 34  | SO-CW-LP    | 0/0   | 0/0    | 0/0      | 104/34   | 0/0    | 0/0   |                                     |
| HP1XT              | 23,100    | 145   | 55  | SOU-CW-HP   | 0/0   | 0/0    | 36/18    | 80/18    | 26/17  | 3/2   |                                     |
| HP2DX              | 13,195    | 112   | 35  | MSHP        | 0/0   | 0/0    | 40/19    | 72/16    | 0/0    | 0/0   | HP2BWJ, HP2DX, HP2EK, HP2NG, HP2ROC |
|                    |           |       |     |             |       |        |          |          |        |       |                                     |
| Puerto Rico        |           |       |     |             |       |        |          |          |        |       |                                     |
| NP4Z               | 1,324,576 | 1,777 | 212 | SO-MIX-LP   | 34/15 | 257/39 | 463/55   | 693/50   | 243/35 | 87/18 |                                     |
| WP3GW              | 1,620     | 30    | 20  | SO-PH-LP    | 0/0   | 0/0    | 0/0      | 21/12    | 9/8    | 0/0   |                                     |

|                   |           |       |       |            |       |        |        |          |        |        |                         |
|-------------------|-----------|-------|-------|------------|-------|--------|--------|----------|--------|--------|-------------------------|
| WP3C              | 793,203   | 1,463 | 151   | SO-CW-LP   | 33/10 | 164/29 | 407/40 | 597/41   | 222/22 | 40/9   |                         |
| KP4MD             | 110,040   | 353   | 105   | SO-CW-LP   | 0/0   | 18/8   | 125/37 | 129/34   | 63/21  | 18/5   |                         |
| NP4AW             | 68,256    | 329   | 54    | SO-CW-LP   | 0/0   | 0/0    | 65/16  | 236/27   | 27/10  | 1/1    |                         |
| KP4/K6DTT         | 122,025   | 505   | 75    | SOU-PH-HP  | 0/0   | 0/0    | 138/26 | 350/39   | 15/8   | 2/2    |                         |
| NP4TX             | 351       | 11    | 9     | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 8/6      | 3/3    | 0/0    |                         |
|                   |           |       |       |            |       |        |        |          |        |        |                         |
| US Virgin Islands |           |       |       |            |       |        |        |          |        |        |                         |
| NP2X              | 449,100   | 802   | 150   | SO-MIX-HP  | 0/0   | 40/22  | 156/41 | 446/53   | 149/31 | 11/3   | K9VV                    |
| KP2M              | 2,580,048 | 2,707 | 246   | SO-CW-HP   | 86/31 | 310/46 | 695/51 | 1,011/54 | 490/42 | 115/22 | KT3Y                    |
| NP2P              | 1,004,325 | 1,676 | 175   | SOU-MIX-HP | 41/11 | 157/27 | 409/51 | 935/55   | 110/25 | 24/6   | N2TTA                   |
|                   |           |       |       |            |       |        |        |          |        |        |                         |
| Call              | Score     | QSOs  | Mults | Category   | 160   | 80     | 40     | 20       | 15     | 10     | Operator(s) and/or Host |
| Zone 12           |           |       |       |            |       |        |        |          |        |        |                         |
|                   |           |       |       |            |       |        |        |          |        |        |                         |
| Brazil            |           |       |       |            |       |        |        |          |        |        |                         |
| PV8AJ             | 275       | 14    | 11    | SO-MIX-LP  | 0/0   | 0/0    | 10/7   | 0/0      | 4/4    | 0/0    |                         |
| PV8DX             | 2,464     | 38    | 16    | SO-CW-HP   | 0/0   | 0/0    | 3/2    | 32/12    | 0/0    | 3/2    |                         |
| PV8AAS            | 2,800     | 33    | 25    | SOU-MIX-HP | 0/0   | 0/0    | 5/4    | 10/8     | 18/13  | 0/0    |                         |
|                   |           |       |       |            |       |        |        |          |        |        |                         |
| Colombia          |           |       |       |            |       |        |        |          |        |        |                         |
| HK3C              | 60,075    | 300   | 45    | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 300/45   | 0/0    | 0/0    |                         |
| HK4W              | 12,596    | 90    | 47    | SO-PH-HP   | 0/0   | 0/0    | 14/12  | 76/35    | 0/0    | 0/0    |                         |
| HK4GOO            | 1,475     | 27    | 25    | SOU-PH-LP  | 0/0   | 0/0    | 8/7    | 14/14    | 5/4    | 0/0    |                         |
|                   |           |       |       |            |       |        |        |          |        |        |                         |
| Ecuador           |           |       |       |            |       |        |        |          |        |        |                         |
| HC5DBT            | 801,528   | 1,077 | 168   | SOU-PH-HP  | 0/0   | 25/20  | 166/38 | 746/63   | 123/35 | 17/12  |                         |
|                   |           |       |       |            |       |        |        |          |        |        |                         |
| French Guiana     |           |       |       |            |       |        |        |          |        |        |                         |
| FY5FY             | 1,001,222 | 1,190 | 191   | SO-PH-HP   | 6/6   | 65/32  | 155/37 | 534/50   | 373/44 | 57/22  |                         |
|                   |           |       |       |            |       |        |        |          |        |        |                         |
| Peru              |           |       |       |            |       |        |        |          |        |        |                         |
| OA4DX             | 138,908   | 398   | 82    | SO-CW-LP   | 0/0   | 4/4    | 210/41 | 177/33   | 7/4    | 0/0    |                         |
|                   |           |       |       |            |       |        |        |          |        |        |                         |
| Suriname          |           |       |       |            |       |        |        |          |        |        |                         |
| PZ5CO             | 2,322,276 | 2,117 | 241   | SO-MIX-HP  | 68/26 | 274/53 | 377/46 | 947/57   | 430/49 | 21/10  | RA3CO                   |
|                   |           |       |       |            |       |        |        |          |        |        |                         |
| Venezuela         |           |       |       |            |       |        |        |          |        |        |                         |
| YV5EMG            | 59,175    | 222   | 75    | SO-MIX-LP  | 0/0   | 4/4    | 81/31  | 137/40   | 0/0    | 0/0    |                         |
| YV4EK             | 25,172    | 132   | 62    | SO-MIX-LP  | 0/0   | 8/7    | 43/21  | 76/32    | 5/2    | 0/0    |                         |
| YW6CQ             | 25,025    | 131   | 65    | SO-MIX-HP  | 0/0   | 0/0    | 66/28  | 44/21    | 21/16  | 0/0    | YV6BXN                  |
| YW1K              | 1,042,448 | 1,300 | 176   | SO-PH-HP   | 3/3   | 37/27  | 244/53 | 891/56   | 124/36 | 1/1    | YV1KK                   |
| YV4NR             | 80,264    | 258   | 79    | SO-PH-LP   | 0/0   | 0/0    | 19/16  | 198/44   | 41/19  | 0/0    |                         |
| YV7MAY            | 44,500    | 157   | 89    | SO-PH-LP   | 0/0   | 0/0    | 59/37  | 85/39    | 13/13  | 0/0    |                         |
| YY5AEP            | 5,191     | 56    | 29    | SO-PH-LP   | 0/0   | 0/0    | 56/29  | 0/0      | 0/0    | 0/0    |                         |

|           |        |      |       |            |     |       |        |        |        |       |                         |
|-----------|--------|------|-------|------------|-----|-------|--------|--------|--------|-------|-------------------------|
| 4M6R      | 2,408  | 43   | 14    | SO-PH-HP   | 0/0 | 0/0   | 0/0    | 0/0    | 0/0    | 43/14 |                         |
| YY2JMO    | 90     | 15   | 10    | SO-PH-LP   | 0/0 | 0/0   | 11/8   | 0/0    | 4/2    | 0/0   |                         |
| YV5JGO    | 13,356 | 85   | 42    | SO-CW-LP   | 0/0 | 0/0   | 67/27  | 0/0    | 18/15  | 0/0   |                         |
| YV5COR    | 8,514  | 68   | 33    | SO-CW-LP   | 0/0 | 0/0   | 25/14  | 42/18  | 0/0    | 1/1   |                         |
| YV4AW     | 20,088 | 111  | 62    | SOU-PH-LP  | 0/0 | 2/2   | 29/24  | 66/28  | 14/8   | 0/0   |                         |
|           |        |      |       |            |     |       |        |        |        |       |                         |
| Call      | Score  | QSOs | Mults | Category   | 160 | 80    | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 13   |        |      |       |            |     |       |        |        |        |       |                         |
|           |        |      |       |            |     |       |        |        |        |       |                         |
| Brazil    |        |      |       |            |     |       |        |        |        |       |                         |
| PT7WM     | 15,392 | 132  | 32    | SO-MIX-LP  | 0/0 | 8/7   | 118/19 | 6/6    | 0/0    | 0/0   |                         |
| PR7CJ     | 882    | 21   | 14    | SO-MIX-LP  | 0/0 | 0/0   | 0/0    | 18/11  | 3/3    | 0/0   |                         |
| PY9GC     | 43,505 | 162  | 77    | SO-PH-HP   | 0/0 | 1/1   | 55/31  | 27/20  | 79/25  | 0/0   |                         |
| PY7WM     | 72     | 6    | 3     | SO-PH-LP   | 0/0 | 0/0   | 0/0    | 6/3    | 0/0    | 0/0   |                         |
| PR7AX     | 8,736  | 82   | 24    | SO-CW-LP   | 0/0 | 0/0   | 60/15  | 21/8   | 1/1    | 0/0   |                         |
| PP7LP     | 8,330  | 67   | 34    | SO-CW-LP   | 0/0 | 0/0   | 7/3    | 42/18  | 18/13  | 0/0   |                         |
| PR7GA     | 2,070  | 34   | 23    | SOU-MIX-LP | 0/0 | 5/5   | 14/9   | 15/9   | 0/0    | 0/0   |                         |
| PY8WW     | 384    | 15   | 12    | SOU-MIX-LP | 0/0 | 9/6   | 1/1    | 5/5    | 0/0    | 0/0   |                         |
| ZX4ØZT    | 71,631 | 273  | 63    | SOU-PH-LP  | 0/0 | 5/5   | 8/5    | 84/20  | 176/33 | 0/0   | PT7ZT                   |
| PR8KW     | 6,678  | 59   | 42    | SOU-PH-LP  | 0/0 | 0/0   | 40/26  | 0/0    | 19/16  | 0/0   |                         |
| PT7KM     | 1,782  | 31   | 22    | SOU-PH-LP  | 0/0 | 0/0   | 14/12  | 16/9   | 1/1    | 0/0   |                         |
| PR7AB     | 59,682 | 316  | 42    | SOU-CW-HP  | 0/0 | 0/0   | 19/7   | 277/27 | 20/8   | 0/0   |                         |
| PT2AW     | 32,824 | 169  | 44    | SOU-CW-HP  | 0/0 | 0/0   | 8/5    | 86/20  | 75/19  | 0/0   |                         |
| PY6TS     | 6,858  | 73   | 27    | SOU-CW-HP  | 0/0 | 0/0   | 62/23  | 11/4   | 0/0    | 0/0   |                         |
|           |        |      |       |            |     |       |        |        |        |       |                         |
| Call      | Score  | QSOs | Mults | Category   | 160 | 80    | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 14   |        |      |       |            |     |       |        |        |        |       |                         |
|           |        |      |       |            |     |       |        |        |        |       |                         |
| Argentina |        |      |       |            |     |       |        |        |        |       |                         |
| LW1EUD    | 12,600 | 104  | 30    | SO-MIX-LP  | 0/0 | 0/0   | 8/7    | 90/19  | 6/4    | 0/0   |                         |
| AY7D      | 1,071  | 25   | 17    | SO-MIX-LP  | 0/0 | 0/0   | 0/0    | 24/16  | 1/1    | 0/0   |                         |
| LU7DW     | 754    | 28   | 13    | SO-MIX-HP  | 0/0 | 0/0   | 28/13  | 0/0    | 0/0    | 0/0   |                         |
| LW4EF     | 10,458 | 89   | 42    | SO-PH-LP   | 0/0 | 3/1   | 16/8   | 46/19  | 24/14  | 0/0   |                         |
| LU5AB     | 5,883  | 66   | 37    | SO-PH-HP   | 0/0 | 0/0   | 6/6    | 49/22  | 11/9   | 0/0   |                         |
| LT7F      | 4,756  | 50   | 29    | SO-PH-LP   | 0/0 | 0/0   | 1/1    | 49/28  | 0/0    | 0/0   | LU6FOV                  |
| LU2DVI    | 1,176  | 25   | 14    | SO-PH-HP   | 0/0 | 25/14 | 0/0    | 0/0    | 0/0    | 0/0   |                         |
| LU8DY     | 52     | 5    | 4     | SO-PH-HP   | 0/0 | 0/0   | 0/0    | 5/4    | 0/0    | 0/0   |                         |
| LU6DU     | 9      | 3    | 3     | SO-PH-HP   | 0/0 | 3/3   | 0/0    | 0/0    | 0/0    | 0/0   |                         |
| LU8QT     | 80,688 | 245  | 82    | SO-CW-LP   | 0/0 | 17/12 | 45/24  | 83/20  | 100/26 | 0/0   |                         |
| LU6UO     | 30,240 | 180  | 40    | SO-CW-HP   | 0/0 | 0/0   | 0/0    | 5/5    | 175/35 | 0/0   |                         |
| LU6DOT    | 10,878 | 89   | 37    | SO-CW-LP   | 0/0 | 0/0   | 18/11  | 71/26  | 0/0    | 0/0   |                         |
| LU8EHR    | 2,070  | 34   | 23    | SO-CW-LP   | 0/0 | 0/0   | 6/4    | 18/10  | 10/9   | 0/0   |                         |
| LU8DZJ    | 1,955  | 34   | 17    | SO-CW-HP   | 0/0 | 0/0   | 0/0    | 34/17  | 0/0    | 0/0   |                         |
| LU9CYV    | 168    | 8    | 6     | SO-CW-LP   | 0/0 | 0/0   | 6/4    | 2/2    | 0/0    | 0/0   |                         |

|          |         |       |       |             |       |        |        |        |        |       |                                                                |
|----------|---------|-------|-------|-------------|-------|--------|--------|--------|--------|-------|----------------------------------------------------------------|
| L77D     | 5,549   | 66    | 31    | SOU-MIX-LP  | 0/0   | 0/0    | 8/4    | 58/27  | 0/0    | 0/0   | LU6DC                                                          |
| LU2DX    | 1,105   | 23    | 17    | SOU-MIX-HP  | 0/0   | 19/13  | 0/0    | 0/0    | 4/4    | 0/0   |                                                                |
| LU5FF    | 169,912 | 559   | 67    | SOU-CW-HP   | 0/0   | 0/0    | 5/5    | 554/62 | 0/0    | 0/0   |                                                                |
| LW8DQ    | 36,850  | 169   | 55    | SOU-CW-HP   | 0/0   | 0/0    | 51/17  | 56/19  | 62/19  | 0/0   |                                                                |
| LU4HK    | 4,020   | 56    | 15    | SOU-CW-LP   | 0/0   | 0/0    | 1/1    | 14/5   | 41/9   | 0/0   |                                                                |
| LU8DPM   | 531,060 | 793   | 159   | MSHP        | 52/25 | 175/33 | 325/54 | 202/32 | 39/15  | 0/0   | LU5DF, LU8DPM                                                  |
| LS2D     | 289,784 | 520   | 148   | MSHP        | 0/0   | 106/33 | 115/43 | 103/32 | 196/40 | 0/0   | LU1ECO, LU2DD, LU9DAG, LW2DOD, LW3DC                           |
| LT5V     | 5,800   | 64    | 29    | MSHP        | 0/0   | 26/12  | 28/14  | 10/3   | 0/0    | 0/0   | LU1VYL, LU8VCC                                                 |
|          |         |       |       |             |       |        |        |        |        |       |                                                                |
| Chile    |         |       |       |             |       |        |        |        |        |       |                                                                |
| CE3CT    | 651,920 | 1,018 | 145   | SO-MIX-HP   | 5/3   | 34/15  | 376/44 | 358/45 | 245/38 | 0/0   |                                                                |
| CE2LR    | 547,536 | 913   | 136   | SO-MIX-HP   | 0/0   | 76/23  | 357/54 | 343/37 | 137/22 | 0/0   |                                                                |
| CE3JBD   | 6,231   | 68    | 31    | SO-PH-LP    | 0/0   | 0/0    | 0/0    | 68/31  | 0/0    | 0/0   |                                                                |
| CE3BC    | 2,937   | 34    | 33    | SO-PH-LP    | 0/0   | 0/0    | 0/0    | 24/23  | 10/10  | 0/0   |                                                                |
| CA4PSH   | 896     | 22    | 16    | SO-PH-LP    | 0/0   | 0/0    | 22/16  | 0/0    | 0/0    | 0/0   |                                                                |
| CA6CGX   | 348     | 13    | 12    | SO-PH-LP    | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 13/12 |                                                                |
| CE6UFF   | 301     | 21    | 7     | SO-PH-LP    | 0/0   | 0/0    | 0/0    | 21/7   | 0/0    | 0/0   |                                                                |
| CE1BF    | 24      | 4     | 4     | SO-PH-LP    | 0/0   | 0/0    | 0/0    | 0/0    | 4/4    | 0/0   |                                                                |
| 3G3O     | 3,072   | 49    | 32    | SOU-MIX-QRP | 0/0   | 9/3    | 14/7   | 15/12  | 11/10  | 0/0   | XQ3OP                                                          |
| CE3CBM   | 1,062   | 29    | 18    | SOU-MIX-LP  | 0/0   | 0/0    | 0/0    | 0/0    | 29/18  | 0/0   |                                                                |
| CB3ET    | 1,980   | 45    | 20    | MSHP        | 0/0   | 1/1    | 12/5   | 28/11  | 4/3    | 0/0   | CA3AWA, CA3KRM, CA3SJM, CA3SLP, CD3FOT, CE3ARU, CE3CMH, CE3GCA |
|          |         |       |       |             |       |        |        |        |        |       |                                                                |
| Paraguay |         |       |       |             |       |        |        |        |        |       |                                                                |
| ZP5DVD   | 7,840   | 68    | 40    | SO-PH-HP    | 0/0   | 2/1    | 18/14  | 43/20  | 5/5    | 0/0   |                                                                |
|          |         |       |       |             |       |        |        |        |        |       |                                                                |
| Uruguay  |         |       |       |             |       |        |        |        |        |       |                                                                |
| CV7S     | 17,688  | 139   | 33    | SO-PH-HP    | 0/0   | 0/0    | 3/2    | 0/0    | 136/31 | 0/0   |                                                                |
| CX1CAN   | 0       | 1     | 1     | SO-PH-LP    | 0/0   | 0/0    | 1/1    | 0/0    | 0/0    | 0/0   |                                                                |
| CX9AU    | 82,820  | 256   | 82    | SO-CW-HP    | 0/0   | 51/20  | 57/27  | 132/24 | 14/9   | 2/2   |                                                                |
| CX3AL    | 5,967   | 50    | 39    | SO-CW-HP    | 0/0   | 0/0    | 14/10  | 36/29  | 0/0    | 0/0   |                                                                |
| CX5UA    | 880     | 21    | 11    | SOU-MIX-LP  | 0/0   | 0/0    | 21/11  | 0/0    | 0/0    | 0/0   |                                                                |
| CW2R     | 2,414   | 45    | 17    | MSHP        | 0/0   | 3/2    | 5/3    | 35/10  | 2/2    | 0/0   | CX1RL, CX2AAA, CX2RA, CX6DF, CX9ARH, CX9RC                     |
|          |         |       |       |             |       |        |        |        |        |       |                                                                |
| Call     | Score   | QSOs  | Mults | Category    | 160   | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host                                        |
| Zone 15  |         |       |       |             |       |        |        |        |        |       |                                                                |
|          |         |       |       |             |       |        |        |        |        |       |                                                                |
| Brazil   |         |       |       |             |       |        |        |        |        |       |                                                                |
| PY2NY    | 239,580 | 479   | 121   | SO-MIX-LP   | 0/0   | 13/10  | 108/36 | 186/38 | 170/35 | 2/2   |                                                                |
| PY1AX    | 3,408   | 46    | 24    | SO-MIX-LP   | 0/0   | 0/0    | 1/1    | 45/23  | 0/0    | 0/0   |                                                                |
| PY2MIA   | 2,808   | 50    | 24    | SO-MIX-LP   | 1/1   | 0/0    | 13/5   | 26/9   | 9/8    | 1/1   |                                                                |
| PU2UJG   | 132     | 11    | 6     | SO-MIX-LP   | 0/0   | 0/0    | 0/0    | 0/0    | 11/6   | 0/0   |                                                                |
| PU2NZO   | 68      | 15    | 4     | SO-MIX-QRP  | 3/1   | 8/2    | 0/0    | 0/0    | 0/0    | 4/1   |                                                                |
| PU2USK   | 18      | 11    | 3     | SO-MIX-QRP  | 4/1   | 4/1    | 0/0    | 0/0    | 0/0    | 3/1   |                                                                |

|        |           |       |     |            |      |        |        |        |        |       |                                                          |
|--------|-----------|-------|-----|------------|------|--------|--------|--------|--------|-------|----------------------------------------------------------|
| ZW5B   | 442,338   | 676   | 159 | SO-PH-HP   | 3/3  | 74/29  | 163/37 | 228/47 | 201/37 | 7/6   |                                                          |
| PY2UD  | 36,078    | 197   | 42  | SO-PH-LP   | 0/0  | 0/0    | 9/6    | 0/0    | 188/36 | 0/0   |                                                          |
| ZV2C   | 8,890     | 80    | 35  | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 0/0    | 78/34  | 2/1   | PY2CX                                                    |
| PY4DK  | 4,312     | 48    | 44  | SO-PH-LP   | 0/0  | 2/1    | 17/14  | 12/12  | 17/17  | 0/0   |                                                          |
| PY4CR  | 3,298     | 45    | 34  | SO-PH-LP   | 0/0  | 0/0    | 17/13  | 22/15  | 6/6    | 0/0   |                                                          |
| PY5DD  | 2,184     | 34    | 26  | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 26/18  | 8/8    | 0/0   |                                                          |
| PP5RT  | 1,826     | 34    | 22  | SO-PH-HP   | 0/0  | 0/0    | 34/22  | 0/0    | 0/0    | 0/0   |                                                          |
| PY2RMY | 1,794     | 34    | 23  | SO-PH-LP   | 0/0  | 1/1    | 14/8   | 15/10  | 4/4    | 0/0   |                                                          |
| PY2GZ  | 1,734     | 32    | 17  | SO-PH-HP   | 0/0  | 0/0    | 0/0    | 31/16  | 1/1    | 0/0   |                                                          |
| PY1LV  | 990       | 28    | 18  | SO-PH-LP   | 0/0  | 3/1    | 4/2    | 14/8   | 6/6    | 1/1   |                                                          |
| PY2BN  | 525       | 16    | 15  | SO-PH-QRP  | 0/0  | 0/0    | 2/2    | 13/12  | 1/1    | 0/0   |                                                          |
| PY1NS  | 403       | 15    | 13  | SO-PH-LP   | 0/0  | 1/1    | 0/0    | 6/5    | 8/7    | 0/0   |                                                          |
| PY1FOG | 100       | 14    | 10  | SO-PH-LP   | 0/0  | 3/1    | 3/2    | 5/4    | 2/2    | 1/1   |                                                          |
| PY2EBD | 85        | 8     | 5   | SO-PH-LP   | 0/0  | 0/0    | 1/1    | 2/1    | 5/3    | 0/0   |                                                          |
| PU2LFU | 36        | 12    | 3   | SO-PH-LP   | 3/1  | 6/1    | 0/0    | 0/0    | 0/0    | 3/1   |                                                          |
| PU2PZE | 12        | 9     | 3   | SO-PH-LP   | 3/1  | 3/1    | 0/0    | 0/0    | 0/0    | 3/1   |                                                          |
| PP5KR  | 111,072   | 514   | 48  | SO-CW-HP   | 0/0  | 0/0    | 514/48 | 0/0    | 0/0    | 0/0   |                                                          |
| PY5DK  | 34,944    | 202   | 39  | SO-CW-HP   | 0/0  | 0/0    | 0/0    | 201/38 | 1/1    | 0/0   |                                                          |
| PY4ARS | 9,916     | 78    | 37  | SO-CW-LP   | 0/0  | 0/0    | 11/9   | 67/28  | 0/0    | 0/0   |                                                          |
| PY2FSR | 2,310     | 31    | 21  | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 14/11  | 17/10  | 0/0   |                                                          |
| PY1VOY | 1,890     | 33    | 14  | SO-CW-HP   | 0/0  | 0/0    | 0/0    | 33/14  | 0/0    | 0/0   |                                                          |
| PU4GOD | 1,200     | 29    | 20  | SO-CW-LP   | 0/0  | 5/4    | 9/6    | 0/0    | 15/10  | 0/0   |                                                          |
| PY1FOX | 539       | 15    | 11  | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 10/8   | 5/3    | 0/0   |                                                          |
| PY2OP  | 504       | 15    | 12  | SO-CW-HP   | 0/0  | 15/12  | 0/0    | 0/0    | 0/0    | 0/0   |                                                          |
| PY1SAD | 364       | 25    | 13  | SO-CW-LP   | 2/2  | 2/1    | 14/5   | 7/5    | 0/0    | 0/0   |                                                          |
| PY2UDB | 232       | 14    | 8   | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 7/5    | 7/3    | 0/0   |                                                          |
| PU2WDX | 128       | 9     | 8   | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 0/0    | 9/8    | 0/0   |                                                          |
| PU7ASP | 32        | 8     | 8   | SO-CW-LP   | 0/0  | 0/0    | 1/1    | 0/0    | 7/7    | 0/0   |                                                          |
| PY1XR  | 6         | 7     | 6   | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 7/6    | 0/0    | 0/0   |                                                          |
| PT5J   | 1,138,205 | 1,160 | 233 | SOU-PH-HP  | 12/9 | 92/40  | 324/60 | 427/64 | 290/47 | 15/13 | PP5JR                                                    |
| PP1WW  | 43,428    | 181   | 66  | SOU-PH-HP  | 0/0  | 0/0    | 72/26  | 59/23  | 50/17  | 0/0   |                                                          |
| PY2CP  | 7,182     | 72    | 38  | SOU-PH-LP  | 0/0  | 0/0    | 21/13  | 0/0    | 50/24  | 1/1   |                                                          |
| PY1KB  | 3,744     | 46    | 32  | SOU-PH-LP  | 0/0  | 0/0    | 4/4    | 28/16  | 14/12  | 0/0   |                                                          |
| PY3KN  | 624       | 16    | 13  | SOU-PH-LP  | 0/0  | 0/0    | 0/0    | 16/13  | 0/0    | 0/0   |                                                          |
| PP5DZ  | 319       | 11    | 11  | SOU-PH-LP  | 0/0  | 0/0    | 0/0    | 11/11  | 0/0    | 0/0   |                                                          |
| PY4HO  | 66,368    | 247   | 61  | SOU-CW-HP  | 1/1  | 24/11  | 8/4    | 123/17 | 91/28  | 0/0   |                                                          |
| ZX2V   | 46,648    | 184   | 68  | SOU-CW-HP  | 0/0  | 5/3    | 19/10  | 119/37 | 41/18  | 0/0   | PY2XV                                                    |
| PY2KJ  | 4,040     | 48    | 20  | SOU-CW-HP  | 1/1  | 17/10  | 30/9   | 0/0    | 0/0    | 0/0   |                                                          |
| PY2FRQ | 2,680     | 40    | 20  | SOU-CW-LP  | 0/0  | 8/5    | 0/0    | 32/15  | 0/0    | 0/0   |                                                          |
| PY1NX  | 1,548     | 28    | 18  | SOU-CW-QRP | 0/0  | 0/0    | 0/0    | 21/12  | 7/6    | 0/0   |                                                          |
| PX2A   | 1,418,820 | 1,468 | 221 | MSHP       | 16/9 | 217/49 | 250/54 | 697/59 | 254/36 | 34/14 | PY2BK, PY2LSM, PY2PT, PY2SHF                             |
| PR4T   | 881,089   | 1,152 | 173 | MSHP       | 7/7  | 198/45 | 227/44 | 585/49 | 128/25 | 7/3   | PU1LLF, PU2KUL, PY1CG, PY1DX, PY1FI, PY1ZV, PY4BK, PY4BZ |
| PP5BZ  | 742,544   | 988   | 176 | MSHP       | 4/2  | 63/27  | 373/57 | 388/49 | 145/35 | 15/6  | PP5BZ, PP5CFS, PP5FB, PP5JD                              |

|               |           |       |       |           |        |        |        |          |        |        |                                              |
|---------------|-----------|-------|-------|-----------|--------|--------|--------|----------|--------|--------|----------------------------------------------|
| ZV5O          | 566,020   | 986   | 130   | MSHP      | 0/0    | 100/25 | 449/45 | 298/38   | 137/20 | 2/2    | PY5AB, PY5AKW, PY5AMF, PY5QW, PY5SAT, PY5XH  |
| PT4A          | 495,356   | 789   | 148   | MSHP      | 7/5    | 36/19  | 205/44 | 342/45   | 197/34 | 2/1    | PY4AZ, PY4VG                                 |
| PR2D          | 213,882   | 423   | 129   | MSHP      | 0/0    | 52/26  | 45/27  | 132/44   | 194/32 | 0/0    | PY2ABN, PY2DMZ, PY2JCM, PY2LCD, PY2MP, PY2XC |
| PX5T          | 110,428   | 349   | 76    | MSHP      | 0/0    | 0/0    | 137/37 | 46/19    | 166/20 | 0/0    | PY5DC, PY5DJ, PY5FO, PY5IN, PY5WW            |
| PR2E          | 47,175    | 185   | 75    | MSHP      | 2/1    | 4/3    | 5/3    | 96/41    | 78/27  | 0/0    | PU2UAF, PU2UTY, PY2GTA, PY2XIZ               |
| PY2RH         | 9,196     | 75    | 38    | MSHP      | 0/0    | 0/0    | 0/0    | 33/20    | 42/18  | 0/0    | PY2RH, PY2ZR                                 |
|               |           |       |       |           |        |        |        |          |        |        |                                              |
| Call          | Score     | QSOs  | Mults | Category  | 160    | 80     | 40     | 20       | 15     | 10     | Operator(s) and/or Host                      |
| Zone 16       |           |       |       |           |        |        |        |          |        |        |                                              |
|               |           |       |       |           |        |        |        |          |        |        |                                              |
| Argentina     |           |       |       |           |        |        |        |          |        |        |                                              |
| LU5VV         | 63,168    | 206   | 84    | SO-MIX-HP | 0/0    | 3/3    | 49/33  | 14/13    | 140/35 | 0/0    |                                              |
| LV4V          | 4,620     | 49    | 33    | SO-PH-QRP | 0/0    | 0/0    | 0/0    | 31/20    | 16/11  | 2/2    |                                              |
| LU1AW/X       | 9,196     | 63    | 38    | SO-CW-LP  | 0/0    | 0/0    | 36/17  | 27/21    | 0/0    | 0/0    |                                              |
| LU4XAP        | 315       | 17    | 7     | SO-CW-LP  | 0/0    | 0/0    | 0/0    | 17/7     | 0/0    | 0/0    |                                              |
|               |           |       |       |           |        |        |        |          |        |        |                                              |
| Chile         |           |       |       |           |        |        |        |          |        |        |                                              |
| CE7VPQ        | 7,458     | 66    | 33    | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 66/33    | 0/0    | 0/0    |                                              |
| CB6F          | 5,772     | 54    | 39    | SO-PH-HP  | 2/2    | 12/11  | 28/16  | 12/10    | 0/0    | 0/0    | XQ6OA                                        |
| CE7KF         | 4,110     | 47    | 30    | SOU-PH-LP | 0/0    | 0/0    | 2/2    | 30/18    | 15/10  | 0/0    |                                              |
|               |           |       |       |           |        |        |        |          |        |        |                                              |
| Call          | Score     | QSOs  | Mults | Category  | 160    | 80     | 40     | 20       | 15     | 10     | Operator(s) and/or Host                      |
| Zone 17       |           |       |       |           |        |        |        |          |        |        |                                              |
|               |           |       |       |           |        |        |        |          |        |        |                                              |
| Iceland       |           |       |       |           |        |        |        |          |        |        |                                              |
| TF8KY         | 7,560     | 81    | 40    | SO-MIX-LP | 0/0    | 3/3    | 8/7    | 70/30    | 0/0    | 0/0    |                                              |
| TF2MSN        | 27,432    | 139   | 72    | SO-PH-LP  | 0/0    | 3/3    | 36/29  | 99/39    | 1/1    | 0/0    |                                              |
| TF2AO         | 84        | 8     | 6     | SO-PH-LP  | 0/0    | 0/0    | 8/6    | 0/0      | 0/0    | 0/0    |                                              |
| TF/DL6MHW     | 351,785   | 1,028 | 115   | SO-CW-LP  | 0/0    | 108/21 | 362/33 | 527/46   | 30/14  | 1/1    |                                              |
| TF3VS         | 64,896    | 251   | 78    | SO-CW-LP  | 0/0    | 0/0    | 39/23  | 172/41   | 34/12  | 6/2    |                                              |
|               |           |       |       |           |        |        |        |          |        |        |                                              |
| Call          | Score     | QSOs  | Mults | Category  | 160    | 80     | 40     | 20       | 15     | 10     | Operator(s) and/or Host                      |
| Zone 18       |           |       |       |           |        |        |        |          |        |        |                                              |
|               |           |       |       |           |        |        |        |          |        |        |                                              |
| Aland Islands |           |       |       |           |        |        |        |          |        |        |                                              |
| OHØC          | 2,279,760 | 2,597 | 276   | MSHP      | 127/30 | 249/45 | 531/60 | 1,084/70 | 436/46 | 170/25 | E21EIC, EA3ICJ, OH2BH, OH2TA                 |
|               |           |       |       |           |        |        |        |          |        |        |                                              |
| Denmark       |           |       |       |           |        |        |        |          |        |        |                                              |
| OZ6AGX        | 26,792    | 167   | 68    | SO-MIX-LP | 0/0    | 0/0    | 59/24  | 84/36    | 22/6   | 2/2    |                                              |
| OZ4NA         | 54,672    | 225   | 102   | SO-PH-LP  | 0/0    | 17/16  | 38/21  | 117/34   | 29/17  | 24/14  |                                              |
| OZ1D          | 43,992    | 207   | 94    | SO-PH-HP  | 13/12  | 27/21  | 86/25  | 43/18    | 24/11  | 14/7   | OZ1HHH                                       |
| OZ1DYI        | 19,875    | 136   | 53    | SO-PH-LP  | 0/0    | 0/0    | 11/11  | 112/32   | 6/5    | 7/5    |                                              |
| OZ1AAR        | 98,425    | 292   | 127   | SO-CW-LP  | 23/18  | 39/19  | 39/21  | 132/37   | 39/19  | 20/13  |                                              |
| OZ4FF         | 67,496    | 260   | 104   | SO-CW-LP  | 0/0    | 37/15  | 58/28  | 105/29   | 51/26  | 9/6    |                                              |

|               |           |       |     |            |       |        |        |          |        |       |        |
|---------------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|-------|--------|
| OZ5UR         | 48,048    | 232   | 78  | SO-CW-LP   | 0/0   | 0/0    | 69/21  | 126/33   | 27/14  | 10/10 |        |
| OZ7EA         | 13,338    | 112   | 54  | SO-CW-HP   | 0/0   | 5/5    | 16/15  | 69/22    | 19/9   | 3/3   |        |
| OZ7BQ         | 2,176     | 50    | 17  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 0/0      | 0/0    | 50/17 |        |
| OZ1IKY        | 82,555    | 509   | 55  | SOU-MIX-HP | 0/0   | 509/55 | 0/0    | 0/0      | 0/0    | 0/0   |        |
| OZ4O          | 14,504    | 99    | 56  | SOU-MIX-LP | 1/1   | 2/2    | 26/18  | 49/21    | 3/3    | 18/11 |        |
| OZ1KVM        | 138,105   | 391   | 135 | SOU-PH-LP  | 4/4   | 29/20  | 84/28  | 175/45   | 70/24  | 29/14 |        |
| OZ7AM         | 324,917   | 983   | 101 | SOU-CW-HP  | 0/0   | 5/5    | 335/29 | 357/37   | 204/16 | 82/14 |        |
| OZ3SM         | 213,643   | 570   | 139 | SOU-CW-HP  | 75/24 | 77/17  | 95/27  | 264/43   | 53/24  | 6/4   |        |
| OZ4SOP        | 36,876    | 187   | 84  | SOU-CW-LP  | 21/15 | 24/13  | 36/21  | 79/20    | 22/10  | 5/5   | OZ4CG  |
|               |           |       |     |            |       |        |        |          |        |       |        |
| Faroe Islands |           |       |     |            |       |        |        |          |        |       |        |
| OY1CT         | 124,014   | 655   | 66  | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 505/32   | 132/25 | 18/9  |        |
|               |           |       |     |            |       |        |        |          |        |       |        |
| Finland       |           |       |     |            |       |        |        |          |        |       |        |
| OH2JIU        | 3,993     | 61    | 33  | SO-MIX-LP  | 0/0   | 5/3    | 22/14  | 31/13    | 3/3    | 0/0   |        |
| OH3XZ         | 0         | 0     | 0   | SO-MIX-HP  | 0/0   | 0/0    | 0/0    | 0/0      | 0/0    | 0/0   |        |
| OH6ECM        | 242,268   | 563   | 156 | SO-PH-LP   | 17/16 | 26/19  | 48/27  | 388/52   | 64/28  | 20/14 |        |
| OH1TD         | 102,612   | 374   | 102 | SO-PH-HP   | 0/0   | 3/3    | 56/23  | 235/44   | 51/18  | 29/14 |        |
| OH3KX         | 4,960     | 66    | 32  | SO-PH-HP   | 0/0   | 0/0    | 6/5    | 54/21    | 6/6    | 0/0   |        |
| OH8CW         | 117,624   | 360   | 116 | SO-CW-LP   | 4/4   | 59/23  | 47/26  | 211/47   | 36/14  | 3/2   |        |
| OH8MBN        | 68,962    | 287   | 82  | SO-CW-LP   | 0/0   | 32/16  | 41/23  | 188/33   | 26/10  | 0/0   |        |
| OH2BN         | 67,914    | 344   | 63  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 344/63   | 0/0    | 0/0   |        |
| OH2KW         | 66,636    | 390   | 54  | SO-CW-HP   | 0/0   | 0/0    | 8/5    | 323/35   | 56/12  | 3/2   |        |
| OH2BAH        | 61,446    | 386   | 49  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 386/49   | 0/0    | 0/0   |        |
| OH1TS         | 23,177    | 180   | 49  | SO-CW-LP   | 0/0   | 0/0    | 24/11  | 127/29   | 29/9   | 0/0   |        |
| OH2VZ         | 17,928    | 175   | 36  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 175/36   | 0/0    | 0/0   |        |
| OH6BA         | 15,796    | 132   | 44  | SO-CW-HP   | 0/0   | 0/0    | 54/23  | 78/21    | 0/0    | 0/0   |        |
| OH2ID         | 12,720    | 118   | 40  | SO-CW-LP   | 0/0   | 0/0    | 21/10  | 82/20    | 15/10  | 0/0   |        |
| OH1NOA        | 10,912    | 124   | 31  | SO-CW-LP   | 0/0   | 0/0    | 5/5    | 118/25   | 1/1    | 0/0   |        |
| OG2N          | 24        | 4     | 3   | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 4/3      | 0/0    | 0/0   | OH2BN  |
| OG6N          | 1,865,028 | 2,143 | 284 | SOU-MIX-HP | 50/28 | 115/39 | 663/68 | 1,039/84 | 254/45 | 22/20 | OH6NIO |
| OH6LI         | 1,335,480 | 1,724 | 248 | SOU-MIX-HP | 72/30 | 173/30 | 353/56 | 675/63   | 385/54 | 66/15 |        |
| OG55W         | 384,489   | 924   | 153 | SOU-MIX-HP | 9/7   | 27/20  | 111/30 | 593/60   | 172/30 | 12/6  |        |
| OH6OS         | 32,287    | 155   | 83  | SOU-MIX-HP | 0/0   | 0/0    | 23/20  | 86/34    | 36/21  | 10/8  |        |
| OH2KI         | 6,771     | 56    | 37  | SOU-MIX-HP | 0/0   | 5/3    | 0/0    | 41/24    | 6/6    | 4/4   |        |
| OH6RE         | 100,011   | 669   | 51  | SOU-PH-HP  | 0/0   | 0/0    | 0/0    | 616/37   | 53/14  | 0/0   |        |
| OH6VDA        | 15,680    | 115   | 64  | SOU-PH-HP  | 0/0   | 14/11  | 45/27  | 52/22    | 4/4    | 0/0   |        |
| OH3UAI        | 12,606    | 95    | 66  | SOU-PH-LP  | 2/2   | 17/15  | 24/16  | 40/21    | 8/8    | 4/4   |        |
| OH6K          | 1,056     | 30    | 16  | SOU-PH-HP  | 0/0   | 0/0    | 0/0    | 0/0      | 30/16  | 0/0   | OH6MSZ |
| OH2BAV        | 390       | 17    | 15  | SOU-PH-LP  | 0/0   | 1/1    | 3/3    | 13/11    | 0/0    | 0/0   |        |
| OG7F          | 849,568   | 1,447 | 191 | SOU-CW-HP  | 45/19 | 231/40 | 196/41 | 610/53   | 360/34 | 5/4   |        |
| OH2BV         | 171,360   | 355   | 170 | SOU-CW-HP  | 0/0   | 31/31  | 32/29  | 206/59   | 56/32  | 30/19 |        |
| OH2LNH        | 12,210    | 136   | 33  | SOU-CW-LP  | 0/0   | 0/0    | 13/10  | 123/23   | 0/0    | 0/0   |        |
|               |           |       |     |            |       |        |        |          |        |       |        |

|        |         |       |     |           |        |        |        |        |        |       |                |
|--------|---------|-------|-----|-----------|--------|--------|--------|--------|--------|-------|----------------|
| Norway |         |       |     |           |        |        |        |        |        |       |                |
| LA7AK  | 300,300 | 849   | 132 | SO-MIX-HP | 41/20  | 163/27 | 170/34 | 380/29 | 91/18  | 4/4   |                |
| LA3RNA | 36,295  | 180   | 85  | SO-PH-LP  | 0/0    | 22/20  | 44/25  | 90/29  | 24/11  | 0/0   |                |
| LC5C   | 29,988  | 187   | 63  | SO-PH-HP  | 0/0    | 0/0    | 51/24  | 132/35 | 4/4    | 0/0   | LA6KOA         |
| LA7TN  | 10,317  | 92    | 57  | SO-PH-LP  | 0/0    | 15/12  | 26/20  | 44/18  | 5/5    | 2/2   |                |
| LA8RTA | 2,415   | 47    | 23  | SO-PH-LP  | 0/0    | 0/0    | 4/4    | 38/14  | 5/5    | 0/0   |                |
| LB6GG  | 400,224 | 1,032 | 132 | SO-CW-LP  | 103/15 | 183/26 | 226/40 | 481/38 | 37/11  | 2/2   |                |
| LB4UH  | 132,210 | 610   | 78  | SO-CW-LP  | 5/5    | 115/13 | 143/21 | 331/32 | 16/7   | 0/0   |                |
| LA8HGA | 114,920 | 599   | 65  | SO-CW-HP  | 0/0    | 116/13 | 118/15 | 232/22 | 104/10 | 29/5  |                |
| LA2XNA | 59,329  | 287   | 79  | SO-CW-LP  | 0/0    | 39/17  | 97/27  | 129/26 | 22/9   | 0/0   |                |
| LA7SI  | 54,760  | 259   | 74  | SO-CW-LP  | 0/0    | 0/0    | 89/31  | 140/29 | 30/14  | 0/0   |                |
| LA6PB  | 240     | 14    | 8   | SO-CW-LP  | 0/0    | 0/0    | 0/0    | 14/8   | 0/0    | 0/0   |                |
| LB4FH  | 43,165  | 182   | 89  | SOU-PH-HP | 0/0    | 10/9   | 19/17  | 97/37  | 42/17  | 14/9  |                |
| LA8OM  | 699,903 | 1,329 | 171 | SOU-CW-HP | 0/0    | 228/39 | 358/46 | 598/55 | 122/21 | 23/10 |                |
| LA7GIA | 30,228  | 229   | 44  | SOU-CW-HP | 0/0    | 12/4   | 53/12  | 160/26 | 2/1    | 2/1   |                |
| LA8CJ  | 15,792  | 119   | 42  | SOU-CW-HP | 0/0    | 0/0    | 0/0    | 119/42 | 0/0    | 0/0   |                |
| LN4BBC | 129,516 | 415   | 129 | MSHP      | 17/13  | 60/24  | 91/28  | 165/33 | 67/22  | 15/9  | LA5FBA, LA6ZFA |
|        |         |       |     |           |        |        |        |        |        |       |                |
| Sweden |         |       |     |           |        |        |        |        |        |       |                |
| SE6K   | 60,630  | 299   | 94  | SO-MIX-LP | 10/8   | 46/19  | 95/29  | 116/24 | 19/7   | 13/7  | SM6FZO         |
| SM5DXR | 18,704  | 142   | 56  | SO-MIX-LP | 11/9   | 22/8   | 9/7    | 90/25  | 8/5    | 2/2   |                |
| SM6OEF | 5,005   | 58    | 35  | SO-MIX-LP | 0/0    | 0/0    | 0/0    | 35/20  | 14/8   | 9/7   |                |
| SM7VWM | 1,000   | 26    | 25  | SO-MIX-LP | 0/0    | 0/0    | 9/9    | 12/11  | 3/3    | 2/2   |                |
| SM6BZV | 0       | 0     | 0   | SO-MIX-LP | 0/0    | 0/0    | 0/0    | 0/0    | 0/0    | 0/0   |                |
| SM5R   | 541,863 | 1,024 | 183 | SO-PH-HP  | 35/20  | 92/25  | 75/29  | 547/66 | 215/23 | 60/20 |                |
| SK2T   | 157,718 | 514   | 107 | SO-PH-HP  | 0/0    | 0/0    | 87/25  | 364/53 | 50/22  | 13/7  | SM2MTR         |
| SM3KJA | 16,872  | 129   | 57  | SO-PH-LP  | 0/0    | 0/0    | 28/19  | 92/29  | 3/3    | 6/6   |                |
| SMØHBV | 3,298   | 48    | 34  | SO-PH-LP  | 0/0    | 0/0    | 13/8   | 25/16  | 10/10  | 0/0   |                |
| SA5HUB | 3,270   | 52    | 30  | SO-PH-HP  | 0/0    | 5/4    | 10/9   | 36/16  | 1/1    | 0/0   |                |
| SK4ØUM | 486     | 20    | 18  | SO-PH-LP  | 0/0    | 0/0    | 20/18  | 0/0    | 0/0    | 0/0   | SM5YRA         |
| SA6TOM | 448     | 18    | 14  | SO-PH-LP  | 0/0    | 18/14  | 0/0    | 0/0    | 0/0    | 0/0   |                |
| SM6FPC | 199,485 | 562   | 117 | SO-CW-LP  | 0/0    | 160/32 | 161/33 | 208/42 | 33/10  | 0/0   |                |
| SM7CIL | 138,285 | 406   | 105 | SO-CW-LP  | 0/0    | 0/0    | 69/29  | 292/54 | 36/17  | 9/5   |                |
| SMØS   | 126,150 | 492   | 87  | SO-CW-HP  | 0/0    | 51/5   | 253/38 | 150/29 | 38/15  | 0/0   |                |
| SM5MX  | 118,659 | 392   | 111 | SO-CW-LP  | 3/3    | 50/21  | 118/29 | 152/33 | 50/13  | 19/12 |                |
| SD1A   | 118,356 | 502   | 84  | SO-CW-HP  | 0/0    | 98/15  | 205/26 | 43/20  | 136/15 | 20/8  | SM1TDE         |
| SF1Z   | 85,746  | 325   | 93  | SO-CW-LP  | 19/10  | 42/13  | 52/20  | 159/33 | 52/16  | 1/1   | SMØHEV         |
| SD6M   | 70,308  | 450   | 54  | SO-CW-HP  | 0/0    | 0/0    | 152/22 | 233/22 | 64/9   | 1/1   | SA6BGR         |
| SMØFPR | 55,527  | 227   | 83  | SO-CW-HP  | 0/0    | 35/18  | 75/18  | 103/39 | 14/8   | 0/0   |                |
| SAØBXV | 49,096  | 262   | 68  | SO-CW-HP  | 8/8    | 0/0    | 61/23  | 158/25 | 30/9   | 5/3   |                |
| SM5CSS | 38,982  | 204   | 73  | SO-CW-LP  | 13/12  | 40/12  | 38/11  | 69/22  | 29/10  | 15/6  |                |
| SM6GBM | 36,530  | 196   | 65  | SO-CW-LP  | 0/0    | 0/0    | 22/14  | 155/37 | 16/11  | 3/3   |                |
| SF6W   | 32,500  | 130   | 130 | SO-CW-LP  | 0/0    | 31/31  | 28/28  | 41/41  | 17/17  | 13/13 | SM6EWB         |
| SM2CEW | 22,610  | 216   | 35  | SO-CW-HP  | 0/0    | 1/1    | 1/1    | 1/1    | 213/32 | 0/0   |                |

|                 |         |       |       |            |       |        |        |        |        |       |                         |
|-----------------|---------|-------|-------|------------|-------|--------|--------|--------|--------|-------|-------------------------|
| SM7RYR          | 13,735  | 129   | 41    | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 78/20  | 42/15  | 9/6   |                         |
| SM6NT           | 13,299  | 148   | 33    | SO-CW-LP   | 0/0   | 0/0    | 54/9   | 62/15  | 25/7   | 7/2   |                         |
| SE7Q            | 12,593  | 95    | 49    | SO-CW-LP   | 0/0   | 26/16  | 0/0    | 59/25  | 10/8   | 0/0   |                         |
| SM6VWG          | 10,350  | 159   | 23    | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 159/23 | 0/0    | 0/0   |                         |
| SM5LW           | 8,970   | 86    | 39    | SO-CW-LP   | 0/0   | 0/0    | 24/12  | 55/22  | 7/5    | 0/0   |                         |
| SM6TOL          | 6,464   | 138   | 16    | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 138/16 | 0/0    | 0/0   |                         |
| SM4TU           | 2,380   | 37    | 28    | SO-CW-LP   | 0/0   | 8/8    | 3/2    | 11/9   | 12/8   | 3/1   |                         |
| SE4E            | 549,822 | 1,087 | 182   | SOU-MIX-LP | 27/17 | 238/39 | 249/43 | 460/50 | 98/21  | 15/12 | SM4DQE                  |
| SK5ØHD          | 187,680 | 502   | 136   | SOU-MIX-LP | 18/17 | 62/22  | 93/31  | 284/43 | 31/15  | 14/8  | SA6AQP                  |
| SM5ALJ          | 59,616  | 279   | 92    | SOU-MIX-LP | 0/0   | 19/13  | 97/29  | 129/31 | 22/12  | 12/7  |                         |
| SMØNJO          | 5,439   | 51    | 37    | SOU-MIX-HP | 11/9  | 7/6    | 19/14  | 5/5    | 2/2    | 7/1   |                         |
| SI3A            | 182,376 | 451   | 149   | SOU-PH-HP  | 25/16 | 43/28  | 76/36  | 273/49 | 34/20  | 0/0   | SM3LIV                  |
| SM6MVE          | 79,666  | 263   | 122   | SOU-PH-HP  | 10/10 | 29/22  | 61/35  | 138/41 | 25/14  | 0/0   |                         |
| SE5W            | 51,708  | 240   | 93    | SOU-PH-LP  | 0/0   | 30/23  | 22/18  | 134/29 | 54/23  | 0/0   | SM5NQB                  |
| SE5N            | 44,928  | 186   | 104   | SOU-PH-HP  | 0/0   | 20/19  | 25/18  | 93/35  | 24/16  | 24/16 | SM5ISM                  |
| SE3X            | 40,120  | 200   | 85    | SOU-PH-HP  | 0/0   | 6/6    | 35/24  | 121/30 | 26/15  | 12/10 | SA3BYC                  |
| SD4C            | 6,630   | 64    | 51    | SOU-PH-HP  | 0/0   | 3/3    | 4/4    | 34/27  | 22/16  | 1/1   | SMØSHG                  |
| SA6PIS          | 330     | 14    | 11    | SOU-PH-HP  | 0/0   | 0/0    | 6/5    | 7/5    | 1/1    | 0/0   |                         |
| SMØHRP          | 740,775 | 1,342 | 175   | SOU-CW-HP  | 0/0   | 173/32 | 439/57 | 575/64 | 155/22 | 0/0   |                         |
| SM5COP          | 187,913 | 502   | 121   | SOU-CW-HP  | 0/0   | 45/21  | 141/37 | 190/33 | 91/17  | 35/13 |                         |
| SE2T            | 134,112 | 515   | 88    | SOU-CW-LP  | 0/0   | 17/14  | 0/0    | 396/50 | 99/23  | 3/1   | SM2YIZ                  |
| SMØLPO          | 104,448 | 367   | 102   | SOU-CW-QRP | 0/0   | 101/20 | 99/30  | 139/37 | 22/10  | 6/5   |                         |
| SD6O            | 90,516  | 304   | 114   | SOU-CW-LP  | 0/0   | 90/28  | 49/28  | 109/32 | 38/16  | 18/10 | SA6DXG                  |
| SE6N            | 84,351  | 331   | 93    | SOU-CW-LP  | 0/0   | 46/21  | 115/34 | 152/26 | 15/9   | 3/3   | SA6AXR                  |
| SC3A            | 25,875  | 120   | 69    | SOU-CW-HP  | 8/8   | 4/4    | 17/14  | 77/33  | 3/3    | 11/7  | SM3WMU                  |
| SM3OMO          | 7,020   | 70    | 39    | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 40/21  | 22/11  | 8/7   |                         |
| 8SØDX           | 6,768   | 76    | 24    | SOU-CW-HP  | 0/0   | 76/24  | 0/0    | 0/0    | 0/0    | 0/0   | SMØDSG                  |
| SMØJCA          | 264     | 14    | 12    | SOU-CW-HP  | 0/0   | 0/0    | 14/12  | 0/0    | 0/0    | 0/0   |                         |
| 7S7SOP          | 98      | 8     | 7     | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 6/5    | 2/2    | 0/0   |                         |
| SK7K            | 42,884  | 231   | 71    | MSHP       | 0/0   | 0/0    | 18/15  | 171/40 | 17/6   | 25/10 | SG7A, SM7LXV            |
|                 |         |       |       |            |       |        |        |        |        |       |                         |
| Call            | Score   | QSOs  | Mults | Category   | 160   | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 19         |         |       |       |            |       |        |        |        |        |       |                         |
|                 |         |       |       |            |       |        |        |        |        |       |                         |
| European Russia |         |       |       |            |       |        |        |        |        |       |                         |
| RZ1OK           | 336,730 | 702   | 151   | SO-MIX-LP  | 0/0   | 219/33 | 124/43 | 313/59 | 44/14  | 2/2   |                         |
| R1BBL           | 20,178  | 140   | 57    | SO-MIX-LP  | 0/0   | 0/0    | 35/19  | 105/38 | 0/0    | 0/0   |                         |
| RU1OZ           | 676     | 20    | 13    | SO-CW-QRP  | 0/0   | 0/0    | 0/0    | 15/9   | 5/4    | 0/0   |                         |
| UA1F            | 118,828 | 348   | 122   | SOU-CW-HP  | 11/6  | 29/17  | 89/34  | 157/34 | 49/18  | 13/13 |                         |
| RL1F            | 71,820  | 294   | 90    | SOU-CW-LP  | 0/0   | 0/0    | 112/36 | 133/32 | 34/16  | 15/6  |                         |
| R1NU            | 24,300  | 147   | 60    | SOU-CW-LP  | 0/0   | 0/0    | 19/13  | 115/35 | 11/10  | 2/2   |                         |
|                 |         |       |       |            |       |        |        |        |        |       |                         |
| Call            | Score   | QSOs  | Mults | Category   | 160   | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 20         |         |       |       |            |       |        |        |        |        |       |                         |

|                 |           |       |       |            |       |        |        |        |        |       |                         |
|-----------------|-----------|-------|-------|------------|-------|--------|--------|--------|--------|-------|-------------------------|
|                 |           |       |       |            |       |        |        |        |        |       |                         |
| Asiatic Russia  |           |       |       |            |       |        |        |        |        |       |                         |
| RX9CCJ          | 44,019    | 175   | 67    | SO-PH-LP   | 0/0   | 0/0    | 22/14  | 120/35 | 31/16  | 2/2   |                         |
| RX9CC           | 88,322    | 260   | 86    | SO-CW-LP   | 0/0   | 5/3    | 59/25  | 89/26  | 68/20  | 39/12 |                         |
|                 |           |       |       |            |       |        |        |        |        |       |                         |
| European Russia |           |       |       |            |       |        |        |        |        |       |                         |
| R1IO            | 209,902   | 488   | 154   | SO-PH-HP   | 0/0   | 57/29  | 169/44 | 187/53 | 61/22  | 14/6  |                         |
| UA9XF           | 185,016   | 590   | 104   | SO-CW-LP   | 44/9  | 118/16 | 123/19 | 217/35 | 73/16  | 15/9  |                         |
| R8XF            | 117,306   | 658   | 57    | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 658/57 | 0/0    | 0/0   |                         |
| R8MB/1          | 52,479    | 250   | 63    | SO-CW-LP   | 0/0   | 0/0    | 100/19 | 150/44 | 0/0    | 0/0   |                         |
| RT1I            | 36,096    | 235   | 48    | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 175/31 | 60/17  | 0/0   |                         |
|                 |           |       |       |            |       |        |        |        |        |       |                         |
| Call            | Score     | QSOs  | Mults | Category   | 160   | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 21         |           |       |       |            |       |        |        |        |        |       |                         |
|                 |           |       |       |            |       |        |        |        |        |       |                         |
| Asiatic Russia  |           |       |       |            |       |        |        |        |        |       |                         |
| RA9JBA          | 4,864     | 50    | 32    | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 50/32  | 0/0    | 0/0   |                         |
| RW9AV           | 60,075    | 213   | 75    | SO-CW-LP   | 0/0   | 1/1    | 38/20  | 136/33 | 34/17  | 4/4   |                         |
| RA9JM           | 16,564    | 117   | 41    | SOU-CW-HP  | 0/0   | 0/0    | 13/8   | 94/27  | 10/6   | 0/0   |                         |
| RC9J            | 850,222   | 1,399 | 137   | MSHP       | 0/0   | 113/20 | 311/36 | 723/49 | 252/32 | 0/0   | R9JE, R9JR              |
|                 |           |       |       |            |       |        |        |        |        |       |                         |
| Call            | Score     | QSOs  | Mults | Category   | 160   | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 22         |           |       |       |            |       |        |        |        |        |       |                         |
|                 |           |       |       |            |       |        |        |        |        |       |                         |
| Asiatic Russia  |           |       |       |            |       |        |        |        |        |       |                         |
| RIØBC           | 8,964     | 80    | 27    | SOU-MIX-LP | 0/0   | 0/0    | 4/2    | 76/25  | 0/0    | 0/0   | RW1AI                   |
|                 |           |       |       |            |       |        |        |        |        |       |                         |
| Call            | Score     | QSOs  | Mults | Category   | 160   | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 23         |           |       |       |            |       |        |        |        |        |       |                         |
|                 |           |       |       |            |       |        |        |        |        |       |                         |
| Asiatic Russia  |           |       |       |            |       |        |        |        |        |       |                         |
| RØQAF           | 4,676     | 57    | 28    | SO-PH-LP   | 0/0   | 0/0    | 1/1    | 56/27  | 0/0    | 0/0   |                         |
| UAØQN           | 153,180   | 450   | 92    | SO-CW-HP   | 0/0   | 0/0    | 98/30  | 314/50 | 34/10  | 4/2   |                         |
| RA/UT5IA        | 16,029    | 111   | 39    | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 89/30  | 22/9   | 0/0   |                         |
|                 |           |       |       |            |       |        |        |        |        |       |                         |
| Call            | Score     | QSOs  | Mults | Category   | 160   | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 27         |           |       |       |            |       |        |        |        |        |       |                         |
|                 |           |       |       |            |       |        |        |        |        |       |                         |
| Belgium         |           |       |       |            |       |        |        |        |        |       |                         |
| OR2F            | 1,176,461 | 1,617 | 247   | SO-MIX-HP  | 46/25 | 121/35 | 461/57 | 636/62 | 292/46 | 61/22 |                         |
| ON5SV           | 123,950   | 405   | 134   | SO-MIX-LP  | 0/0   | 42/21  | 110/35 | 98/29  | 71/26  | 84/23 |                         |
| ON6LR           | 56,875    | 245   | 91    | SO-MIX-HP  | 0/0   | 0/0    | 35/21  | 124/37 | 56/19  | 30/14 |                         |
| ON5WL           | 43,351    | 227   | 77    | SO-MIX-LP  | 0/0   | 17/13  | 68/19  | 91/21  | 27/12  | 24/12 |                         |
| ON7ER           | 40,640    | 213   | 80    | SO-MIX-LP  | 0/0   | 2/2    | 35/23  | 131/32 | 38/18  | 7/5   |                         |

|         |         |       |     |            |       |        |        |        |        |       |                               |
|---------|---------|-------|-----|------------|-------|--------|--------|--------|--------|-------|-------------------------------|
| ON3VS   | 76,944  | 325   | 84  | SO-PH-LP   | 0/0   | 0/0    | 32/20  | 260/44 | 11/10  | 22/10 |                               |
| ON6EF   | 29,299  | 153   | 83  | SO-PH-LP   | 0/0   | 0/0    | 26/18  | 81/34  | 35/22  | 11/9  |                               |
| ON4MAD  | 7,372   | 78    | 38  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 69/29  | 9/9    | 0/0   |                               |
| ON4CT   | 284,544 | 695   | 144 | SO-CW-LP   | 13/13 | 31/22  | 146/26 | 295/38 | 161/28 | 49/17 |                               |
| ON3ND   | 149,500 | 457   | 125 | SO-CW-LP   | 0/0   | 47/23  | 84/28  | 145/30 | 130/25 | 51/19 |                               |
| ON6NW   | 108,702 | 342   | 122 | SO-CW-LP   | 0/0   | 38/24  | 70/26  | 142/37 | 61/20  | 31/15 |                               |
| OT2X    | 47,038  | 302   | 58  | SO-CW-HP   | 0/0   | 0/0    | 64/13  | 194/25 | 16/9   | 28/11 |                               |
| ON2AD   | 18,836  | 131   | 68  | SO-CW-QRP  | 0/0   | 5/5    | 40/20  | 35/14  | 37/20  | 14/9  |                               |
| ON7CC   | 13,150  | 112   | 50  | SO-CW-QRP  | 0/0   | 5/5    | 32/15  | 61/19  | 7/6    | 7/5   |                               |
| ON4LY   | 6,570   | 89    | 30  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 81/24  | 2/1    | 6/5   |                               |
| OP1A    | 3,870   | 56    | 30  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 56/30  | 0/0    | 0/0   |                               |
| ON6LO   | 1,836   | 41    | 18  | SO-CW-LP   | 0/0   | 14/8   | 0/0    | 27/10  | 0/0    | 0/0   |                               |
| ON4ANE  | 160     | 12    | 10  | SO-CW-QRP  | 0/0   | 8/6    | 4/4    | 0/0    | 0/0    | 0/0   |                               |
| ON4CAS  | 446,394 | 832   | 194 | SOU-MIX-LP | 10/9  | 98/29  | 157/39 | 402/63 | 124/35 | 41/19 |                               |
| ON8ZA   | 101,822 | 322   | 98  | SOU-MIX-LP | 1/1   | 0/0    | 40/18  | 150/38 | 98/25  | 33/16 |                               |
| OS5K    | 27,160  | 183   | 70  | SOU-MIX-LP | 0/0   | 0/0    | 52/24  | 94/28  | 33/14  | 4/4   | ON4EZJ                        |
| ON6FC   | 17,136  | 133   | 68  | SOU-MIX-LP | 0/0   | 9/6    | 28/19  | 35/12  | 48/23  | 13/8  |                               |
| OT1A    | 52,910  | 250   | 55  | SOU-PH-HP  | 0/0   | 0/0    | 0/0    | 236/43 | 14/12  | 0/0   |                               |
| ON7AH   | 20,025  | 104   | 89  | SOU-PH-LP  | 0/0   | 0/0    | 24/23  | 41/31  | 23/21  | 16/14 |                               |
| ON4AVJ  | 12,384  | 107   | 48  | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 80/32  | 15/10  | 12/6  |                               |
| ON5JT   | 332,920 | 844   | 140 | SOU-CW-LP  | 0/0   | 129/29 | 180/35 | 275/28 | 177/29 | 83/19 |                               |
| OT4A    | 238,922 | 1,180 | 67  | SOU-CW-HP  | 0/0   | 0/0    | 475/28 | 705/39 | 0/0    | 0/0   |                               |
| ON3DI   | 140,580 | 465   | 110 | SOU-CW-QRP | 0/0   | 78/24  | 155/31 | 167/30 | 54/19  | 11/6  |                               |
| OT5A    | 186,369 | 631   | 111 | MSHP       | 0/0   | 83/27  | 256/34 | 291/49 | 1/1    | 0/0   | ON4AFW, ON4AQC, ON6FBR, ON7TA |
|         |         |       |     |            |       |        |        |        |        |       |                               |
| England |         |       |     |            |       |        |        |        |        |       |                               |
| M7K     | 13,694  | 115   | 41  | SO-MIX-HP  | 0/0   | 0/0    | 0/0    | 94/29  | 18/9   | 3/3   |                               |
| MØHMI   | 1,740   | 42    | 20  | SO-MIX-QRP | 0/0   | 0/0    | 2/2    | 9/6    | 11/4   | 20/8  |                               |
| G4AGE   | 45      | 9     | 5   | SO-MIX-LP  | 2/1   | 2/1    | 2/1    | 1/1    | 2/1    | 0/0   |                               |
| MØMCV   | 135,474 | 423   | 134 | SO-PH-HP   | 0/0   | 93/29  | 151/37 | 131/37 | 32/19  | 16/12 |                               |
| 2EØPLA  | 30,294  | 168   | 81  | SO-PH-LP   | 0/0   | 13/13  | 33/21  | 94/30  | 20/11  | 8/6   |                               |
| G3OMB   | 27,552  | 146   | 84  | SO-PH-LP   | 1/1   | 14/14  | 33/23  | 74/25  | 21/18  | 3/3   |                               |
| 2EØJTS  | 18,900  | 133   | 70  | SO-PH-LP   | 0/0   | 10/10  | 31/18  | 61/27  | 31/15  | 0/0   |                               |
| G9Y     | 17,380  | 140   | 55  | SO-PH-LP   | 0/0   | 1/1    | 18/17  | 107/27 | 14/10  | 0/0   | MØNCG                         |
| M6ETL   | 16,350  | 114   | 75  | SO-PH-LP   | 0/0   | 6/6    | 21/19  | 53/25  | 25/18  | 9/7   |                               |
| MØTQR   | 13,272  | 108   | 56  | SO-PH-LP   | 0/0   | 0/0    | 6/6    | 75/29  | 19/13  | 8/8   |                               |
| G8NVX   | 6,987   | 75    | 51  | SO-PH-LP   | 0/0   | 0/0    | 18/16  | 39/19  | 15/13  | 3/3   |                               |
| MØIKO   | 6,273   | 72    | 41  | SO-PH-LP   | 0/0   | 0/0    | 24/18  | 41/18  | 7/5    | 0/0   |                               |
| M6EAM   | 5,617   | 70    | 41  | SO-PH-LP   | 0/0   | 0/0    | 18/10  | 41/21  | 0/0    | 11/10 |                               |
| G3YRZ   | 5,016   | 84    | 24  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 84/24  | 0/0    | 0/0   |                               |
| G2Z     | 4,320   | 60    | 40  | SO-PH-HP   | 0/0   | 0/0    | 23/20  | 37/20  | 0/0    | 0/0   |                               |
| GØC     | 4,278   | 56    | 31  | SO-PH-LP   | 4/4   | 0/0    | 0/0    | 19/11  | 27/11  | 6/5   |                               |
| 2EØLMD  | 795     | 53    | 15  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0   |                               |
| 2EØNTV  | 310     | 14    | 10  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 14/10  | 0/0    | 0/0   |                               |

|        |           |       |     |            |       |        |        |          |        |       |                     |
|--------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|-------|---------------------|
| M7DLX  | 186       | 13    | 6   | SO-PH-QRP  | 0/0   | 0/0    | 11/4   | 2/2      | 0/0    | 0/0   |                     |
| GB5EHL | 98        | 8     | 7   | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 8/7      | 0/0    | 0/0   | MØVSE               |
| G3VMY  | 87,662    | 324   | 106 | SO-CW-LP   | 0/0   | 24/16  | 86/33  | 170/36   | 31/16  | 13/5  |                     |
| MØSEV  | 80,160    | 327   | 96  | SO-CW-LP   | 0/0   | 0/0    | 71/27  | 174/36   | 69/21  | 13/12 |                     |
| G3T    | 64,300    | 233   | 100 | SO-CW-HP   | 36/25 | 61/24  | 0/0    | 93/27    | 33/18  | 10/6  | G3VGZ               |
| M1X    | 62,153    | 239   | 91  | SO-CW-HP   | 0/0   | 43/21  | 49/23  | 115/35   | 32/12  | 0/0   | GØCKP               |
| M5M    | 61,800    | 249   | 103 | SO-CW-LP   | 2/2   | 41/18  | 66/30  | 96/26    | 32/17  | 12/10 | G4OGB               |
| MØDHP  | 49,728    | 248   | 74  | SO-CW-LP   | 0/0   | 0/0    | 40/21  | 154/30   | 43/15  | 11/8  |                     |
| G4OZG  | 48,880    | 233   | 80  | SO-CW-QRP  | 0/0   | 9/7    | 57/28  | 130/29   | 27/11  | 10/5  |                     |
| G4DDL  | 34,967    | 188   | 73  | SO-CW-LP   | 0/0   | 3/3    | 22/16  | 102/26   | 44/18  | 17/10 |                     |
| MØJWB  | 26,703    | 153   | 69  | SO-CW-LP   | 0/0   | 17/15  | 22/17  | 101/28   | 8/5    | 5/4   |                     |
| G3YMC  | 15,885    | 141   | 45  | SO-CW-QRP  | 0/0   | 0/0    | 0/0    | 92/23    | 36/13  | 13/9  |                     |
| G4WGE  | 15,616    | 111   | 64  | SO-CW-LP   | 5/5   | 22/15  | 23/18  | 41/15    | 19/10  | 1/1   |                     |
| G4ETS  | 12,173    | 108   | 47  | SO-CW-LP   | 0/0   | 0/0    | 17/15  | 82/24    | 7/6    | 2/2   |                     |
| G6A    | 8,960     | 111   | 28  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 111/28   | 0/0    | 0/0   | G4NXG               |
| M3M    | 7,222     | 81    | 46  | SO-CW-LP   | 0/0   | 0/0    | 12/11  | 33/13    | 19/13  | 17/9  | G3PLE               |
| G3ZRJ  | 3,813     | 55    | 31  | SO-CW-LP   | 0/0   | 0/0    | 8/7    | 37/15    | 10/9   | 0/0   |                     |
| 2EØFFT | 3,800     | 54    | 38  | SO-CW-QRP  | 0/0   | 4/4    | 9/9    | 24/11    | 11/9   | 6/5   |                     |
| G3RSD  | 3,136     | 46    | 32  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 18/16    | 26/14  | 2/2   |                     |
| G3SQU  | 486       | 23    | 9   | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 23/9     | 0/0    | 0/0   |                     |
| G4R    | 1,707,552 | 2,207 | 242 | SOU-MIX-HP | 61/25 | 155/39 | 367/55 | 1,020/60 | 512/40 | 92/23 | YO4RDW              |
| G3RLE  | 16,198    | 104   | 89  | SOU-MIX-LP | 26/21 | 27/23  | 10/10  | 24/20    | 15/13  | 2/2   |                     |
| MØHZZ  | 330       | 15    | 10  | SOU-MIX-LP | 0/0   | 0/0    | 2/2    | 10/5     | 1/1    | 2/2   |                     |
| G3YBO  | 240       | 20    | 12  | SOU-MIX-HP | 2/1   | 3/2    | 4/2    | 4/2      | 4/2    | 3/3   |                     |
| G3Q    | 108,780   | 313   | 148 | SOU-PH-HP  | 11/11 | 18/17  | 49/31  | 164/53   | 58/25  | 13/11 | G3RXQ               |
| M9X    | 39,975    | 221   | 75  | SOU-PH-LP  | 0/0   | 0/0    | 32/21  | 144/32   | 27/13  | 18/9  |                     |
| M5AX   | 33,344    | 207   | 64  | SOU-PH-LP  | 0/0   | 0/0    | 17/16  | 167/33   | 21/13  | 2/2   |                     |
| GØOOF  | 15,424    | 151   | 32  | SOU-PH-LP  | 0/0   | 2/1    | 31/7   | 77/14    | 31/6   | 10/4  |                     |
| 2EØGJH | 372       | 17    | 12  | SOU-PH-LP  | 0/0   | 0/0    | 2/2    | 12/7     | 1/1    | 2/2   |                     |
| G4JFS  | 348       | 17    | 6   | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 17/6     | 0/0    | 0/0   |                     |
| G4DBW  | 120,999   | 268   | 159 | SOU-CW-HP  | 0/0   | 31/29  | 46/43  | 119/47   | 53/28  | 19/12 |                     |
| MØTDW  | 113,900   | 337   | 134 | SOU-CW-HP  | 31/24 | 42/25  | 87/31  | 145/37   | 8/4    | 24/13 |                     |
| 2EØCVN | 96,432    | 347   | 112 | SOU-CW-LP  | 1/1   | 9/9    | 113/35 | 164/34   | 35/19  | 25/14 |                     |
| G3RTU  | 53,856    | 243   | 88  | SOU-CW-LP  | 0/0   | 24/18  | 75/26  | 98/24    | 46/20  | 0/0   |                     |
| GØORH  | 38,130    | 172   | 82  | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 70/37    | 76/30  | 26/15 |                     |
| G4IRN  | 34,476    | 177   | 78  | SOU-CW-HP  | 0/0   | 4/4    | 19/15  | 95/28    | 36/17  | 23/14 |                     |
| GØFGI  | 24,780    | 148   | 70  | SOU-CW-LP  | 0/0   | 5/5    | 19/16  | 87/27    | 28/15  | 9/7   |                     |
| GØIBN  | 23,868    | 170   | 52  | SOU-CW-HP  | 0/0   | 2/2    | 34/21  | 134/29   | 0/0    | 0/0   |                     |
| G3KLH  | 17,094    | 156   | 42  | SOU-CW-LP  | 0/0   | 0/0    | 142/31 | 10/7     | 4/4    | 0/0   |                     |
| G4ERW  | 12,054    | 95    | 49  | SOU-CW-LP  | 0/0   | 9/5    | 24/13  | 32/13    | 23/12  | 7/6   |                     |
| G3YJQ  | 11,562    | 102   | 47  | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 39/15    | 47/23  | 16/9  |                     |
| G7PVZ  | 1,800     | 46    | 15  | SOU-CW-QRP | 0/0   | 0/0    | 0/0    | 46/15    | 0/0    | 0/0   |                     |
| G8VPE  | 1,190     | 35    | 35  | SOU-CW-LP  | 9/9   | 16/16  | 9/9    | 1/1      | 0/0    | 0/0   |                     |
| G3B    | 19,800    | 142   | 66  | MSHP       | 0/0   | 1/1    | 38/23  | 67/23    | 32/15  | 4/4   | GØPHY, G8UOD, MØIXM |

|        |         |       |     |           |       |        |        |        |        |        |       |
|--------|---------|-------|-----|-----------|-------|--------|--------|--------|--------|--------|-------|
|        |         |       |     |           |       |        |        |        |        |        |       |
| France |         |       |     |           |       |        |        |        |        |        |       |
| F5OHM  | 366,960 | 930   | 139 | SO-MIX-HP | 0/0   | 18/18  | 213/30 | 364/41 | 220/31 | 115/19 |       |
| F5PAL  | 240,808 | 737   | 124 | SO-MIX-LP | 0/0   | 0/0    | 154/37 | 271/43 | 245/25 | 67/19  |       |
| F8DRE  | 222,042 | 570   | 138 | SO-MIX-LP | 8/5   | 25/17  | 76/31  | 371/48 | 32/17  | 58/20  |       |
| F6GPT  | 61,383  | 332   | 79  | SO-MIX-HP | 3/2   | 2/1    | 68/30  | 100/13 | 139/20 | 20/13  |       |
| F8FLN  | 23,124  | 141   | 82  | SO-MIX-HP | 5/5   | 16/16  | 38/18  | 65/30  | 17/13  | 0/0    |       |
| F4CKF  | 7,668   | 76    | 54  | SO-MIX-LP | 0/0   | 8/8    | 9/8    | 12/9   | 29/15  | 18/14  |       |
| F5DE   | 4,399   | 57    | 53  | SO-MIX-LP | 1/1   | 8/7    | 11/9   | 16/15  | 12/12  | 9/9    |       |
| F6FET  | 3,510   | 52    | 39  | SO-MIX-LP | 0/0   | 4/3    | 13/10  | 17/13  | 11/6   | 7/7    |       |
| F4CUI  | 1,767   | 39    | 31  | SO-MIX-LP | 0/0   | 4/4    | 4/4    | 16/12  | 12/8   | 3/3    |       |
| F4DZR  | 1,540   | 33    | 28  | SO-MIX-LP | 0/0   | 0/0    | 15/13  | 8/6    | 6/6    | 4/3    |       |
| F5ELL  | 1,178   | 34    | 31  | SO-MIX-HP | 0/0   | 2/1    | 11/10  | 5/4    | 9/9    | 7/7    |       |
| F4AFE  | 858     | 33    | 26  | SO-MIX-LP | 5/3   | 2/1    | 10/9   | 2/1    | 5/4    | 9/8    |       |
| F4DBD  | 686     | 27    | 14  | SO-MIX-LP | 0/0   | 2/1    | 2/1    | 12/4   | 8/6    | 3/2    |       |
| F6CXJ  | 336     | 19    | 14  | SO-MIX-HP | 4/3   | 2/1    | 7/7    | 2/1    | 2/1    | 2/1    |       |
| F2FZ   | 126     | 14    | 9   | SO-MIX-HP | 2/1   | 2/1    | 3/2    | 4/3    | 2/1    | 1/1    |       |
| F4FPR  | -2      | 1     | 1   | SO-MIX-LP | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 1/1    |       |
| TM5A   | 396,792 | 1,043 | 132 | SO-PH-HP  | 0/0   | 28/19  | 305/33 | 437/40 | 216/30 | 57/10  | F5VHJ |
| F5LIW  | 223,938 | 653   | 117 | SO-PH-HP  | 0/0   | 2/2    | 6/6    | 493/64 | 102/26 | 50/19  |       |
| F1GRH  | 66,444  | 251   | 113 | SO-PH-HP  | 0/0   | 0/0    | 59/33  | 124/42 | 52/26  | 16/12  |       |
| F6DRP  | 30,855  | 247   | 55  | SO-PH-LP  | 0/0   | 0/0    | 4/4    | 138/28 | 105/23 | 0/0    |       |
| F4IEX  | 19,652  | 122   | 68  | SO-PH-LP  | 0/0   | 0/0    | 15/13  | 85/37  | 18/14  | 4/4    |       |
| F4IAY  | 13,776  | 108   | 56  | SO-PH-LP  | 0/0   | 1/1    | 29/21  | 78/34  | 0/0    | 0/0    |       |
| F1GKS  | 11,312  | 93    | 56  | SO-PH-LP  | 0/0   | 0/0    | 16/13  | 53/24  | 16/13  | 8/6    |       |
| F1PNJ  | 8,140   | 94    | 44  | SO-PH-HP  | 0/0   | 1/1    | 38/15  | 43/20  | 9/5    | 3/3    |       |
| F1SOU  | 6,808   | 74    | 46  | SO-PH-LP  | 0/0   | 6/5    | 10/9   | 41/19  | 13/9   | 4/4    |       |
| F1IKA  | 5,120   | 63    | 40  | SO-PH-LP  | 0/0   | 0/0    | 0/0    | 30/14  | 12/11  | 21/15  |       |
| F4EMI  | 4,676   | 64    | 28  | SO-PH-LP  | 0/0   | 0/0    | 0/0    | 21/12  | 0/0    | 43/16  |       |
| F4FNT  | 4,356   | 60    | 36  | SO-PH-LP  | 0/0   | 0/0    | 1/1    | 40/19  | 17/14  | 2/2    |       |
| F4GMW  | 3,066   | 73    | 42  | SO-PH-LP  | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0    |       |
| F4HXT  | 2,574   | 45    | 26  | SO-PH-LP  | 0/0   | 3/3    | 7/5    | 30/14  | 5/4    | 0/0    |       |
| F4HZA  | 2,542   | 44    | 31  | SO-PH-LP  | 0/0   | 2/2    | 3/3    | 30/17  | 6/6    | 3/3    |       |
| F4GJC  | 1,625   | 34    | 25  | SO-PH-LP  | 0/0   | 0/0    | 6/6    | 17/10  | 8/7    | 3/2    |       |
| F4IIW  | 560     | 30    | 8   | SO-PH-LP  | 0/0   | 0/0    | 3/1    | 26/6   | 1/1    | 0/0    |       |
| F1TIO  | 224     | 14    | 14  | SO-PH-LP  | 1/1   | 1/1    | 2/2    | 6/6    | 2/2    | 2/2    |       |
| F8CPA  | 16      | 4     | 4   | SO-PH-LP  | 0/0   | 0/0    | 3/3    | 0/0    | 0/0    | 1/1    |       |
| TM6X   | 394,680 | 824   | 165 | SO-CW-HP  | 28/20 | 103/30 | 192/40 | 336/28 | 103/26 | 62/21  | F5VHY |
| F8DGY  | 226,499 | 813   | 91  | SO-CW-HP  | 0/0   | 0/0    | 110/20 | 419/29 | 159/23 | 125/19 |       |
| F6GCI  | 35,640  | 173   | 90  | SO-CW-LP  | 0/0   | 6/4    | 21/16  | 40/18  | 78/34  | 28/18  |       |
| F8FQJ  | 18,088  | 134   | 56  | SO-CW-LP  | 0/0   | 1/1    | 37/21  | 64/24  | 32/10  | 0/0    |       |
| F6FTB  | 7,366   | 91    | 29  | SO-CW-LP  | 0/0   | 0/0    | 0/0    | 91/29  | 0/0    | 0/0    |       |
| F4HYY  | 3,040   | 50    | 32  | SO-CW-LP  | 0/0   | 0/0    | 27/18  | 20/11  | 1/1    | 2/2    |       |
| F6IPT  | 2,223   | 51    | 19  | SO-CW-LP  | 0/0   | 0/0    | 0/0    | 51/19  | 0/0    | 0/0    |       |

|         |           |       |     |            |       |        |        |          |        |        |                      |
|---------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|--------|----------------------|
| F4GFT   | 1,254     | 29    | 22  | SO-CW-LP   | 0/0   | 0/0    | 4/4    | 6/3      | 12/8   | 7/7    |                      |
| F5YG    | 484       | 22    | 22  | SO-CW-LP   | 4/4   | 6/6    | 12/12  | 0/0      | 0/0    | 0/0    |                      |
| F1VEV   | 132       | 10    | 6   | SO-CW-LP   | 0/0   | 0/0    | 8/5    | 2/1      | 0/0    | 0/0    |                      |
| F8CRS   | 556,260   | 719   | 254 | SOU-MIX-HP | 18/17 | 33/29  | 96/53  | 370/80   | 142/51 | 60/24  |                      |
| TM5T    | 121,257   | 579   | 81  | SOU-MIX-HP | 0/0   | 2/1    | 2/1    | 239/35   | 234/25 | 102/19 | F5VKT                |
| TM3Z    | 105,300   | 314   | 135 | SOU-MIX-LP | 0/0   | 38/22  | 80/31  | 101/42   | 74/27  | 21/13  | F4DSK                |
| F5TRB   | 22,508    | 139   | 68  | SOU-MIX-LP | 0/0   | 6/6    | 12/5   | 60/23    | 33/17  | 28/17  |                      |
| F5PHW   | 16,653    | 115   | 39  | SOU-MIX-HP | 2/1   | 2/1    | 3/2    | 65/18    | 39/14  | 4/3    |                      |
| F5RAG   | 14,300    | 86    | 55  | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 65/35    | 15/14  | 6/6    |                      |
| F1TRE   | 12,670    | 103   | 70  | SOU-MIX-HP | 13/12 | 22/16  | 8/7    | 27/13    | 17/11  | 16/11  |                      |
| F4GPB   | 8,869     | 94    | 49  | SOU-MIX-HP | 0/0   | 0/0    | 73/32  | 21/17    | 0/0    | 0/0    |                      |
| F5NBX   | 6,726     | 140   | 19  | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 0/0      | 0/0    | 140/19 |                      |
| F4GVE   | 1,113     | 25    | 21  | SOU-MIX-LP | 0/0   | 0/0    | 18/15  | 7/6      | 0/0    | 0/0    |                      |
| F4BDG   | 60        | 11    | 6   | SOU-MIX-LP | 2/1   | 1/1    | 2/1    | 2/1      | 2/1    | 2/1    |                      |
| F4HAU   | 0         | 0     | 0   | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 0/0      | 0/0    | 0/0    |                      |
| F4VSE   | 234,252   | 531   | 162 | SOU-PH-LP  | 0/0   | 38/21  | 153/35 | 210/53   | 89/30  | 41/23  |                      |
| TMØ7A   | 169,024   | 506   | 139 | SOU-PH-LP  | 2/2   | 18/15  | 35/23  | 201/45   | 144/32 | 106/22 |                      |
| F1MKG   | 79,112    | 267   | 124 | SOU-PH-HP  | 4/4   | 19/17  | 35/21  | 138/41   | 41/21  | 30/20  |                      |
| F6DZU   | 58,422    | 303   | 78  | SOU-PH-HP  | 0/0   | 7/7    | 21/15  | 220/32   | 29/13  | 26/11  |                      |
| F5DRD   | 51,837    | 213   | 111 | SOU-PH-LP  | 9/9   | 24/18  | 45/26  | 71/25    | 39/19  | 25/14  |                      |
| F1AGR   | 21,616    | 118   | 112 | SOU-PH-HP  | 6/6   | 12/12  | 21/21  | 44/38    | 22/22  | 13/13  |                      |
| F1NZC   | 20,352    | 119   | 96  | SOU-PH-HP  | 0/0   | 17/17  | 26/25  | 50/30    | 12/11  | 14/13  |                      |
| F4GDO   | 8,280     | 105   | 30  | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 57/18    | 48/12  | 0/0    |                      |
| F4GDI   | 2,068     | 44    | 44  | SOU-PH-LP  | 0/0   | 1/1    | 13/13  | 13/13    | 12/12  | 5/5    |                      |
| F5MUX   | 1,348,440 | 1,846 | 204 | SOU-CW-HP  | 0/0   | 84/38  | 473/46 | 612/52   | 512/38 | 165/30 |                      |
| F4VSQ   | 634,662   | 1,119 | 207 | SOU-CW-LP  | 18/16 | 130/40 | 287/47 | 435/47   | 179/34 | 70/23  | SQ6MS                |
| F6GCP   | 281,064   | 538   | 168 | SOU-CW-HP  | 4/4   | 6/6    | 31/20  | 225/67   | 210/48 | 62/23  |                      |
| F5IYC   | 67,728    | 302   | 83  | SOU-CW-LP  | 0/0   | 6/5    | 110/30 | 116/25   | 48/14  | 22/9   |                      |
| F8DFP   | 60,390    | 383   | 55  | SOU-CW-HP  | 0/0   | 4/4    | 43/9   | 179/20   | 59/10  | 98/12  |                      |
| F6AUS   | 28,536    | 151   | 82  | SOU-CW-LP  | 0/0   | 0/0    | 24/16  | 70/32    | 39/21  | 18/13  |                      |
| F4HMX   | 28,470    | 178   | 65  | SOU-CW-LP  | 0/0   | 20/11  | 51/26  | 107/28   | 0/0    | 0/0    |                      |
| F3WT    | 876       | 21    | 12  | SOU-CW-LP  | 0/0   | 0/0    | 4/3    | 17/9     | 0/0    | 0/0    |                      |
| TM1MOON | 269,985   | 871   | 123 | MSHP       | 1/1   | 22/16  | 54/23  | 545/40   | 214/24 | 35/19  | F4HMOV, F6HRP        |
| F6KOP   | 98,448    | 602   | 48  | MSHP       | 0/0   | 0/0    | 0/0    | 602/48   | 0/0    | 0/0    | F4HRB, F5NQL, IUØBMX |
| F5KSE   | 76,073    | 271   | 127 | MSHP       | 4/4   | 11/10  | 46/31  | 71/32    | 95/31  | 44/19  | F4AFQ, F8AZK         |
| F4HJC   | 67,350    | 363   | 75  | MSHP       | 0/0   | 136/13 | 76/21  | 67/17    | 68/14  | 16/10  | F4GTT, F4HJC         |
|         |           |       |     |            |       |        |        |          |        |        |                      |
| Ireland |           |       |     |            |       |        |        |          |        |        |                      |
| EI7M    | 2,696,085 | 3,264 | 243 | SO-MIX-HP  | 45/25 | 160/33 | 539/52 | 1,408/60 | 705/45 | 407/28 | GD4XUM               |
| EI5KO   | 576       | 20    | 16  | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 18/14    | 2/2    | 0/0    |                      |
| EI7T    | 601,191   | 1,126 | 201 | SO-PH-LP   | 23/19 | 115/34 | 129/38 | 446/51   | 375/39 | 38/20  | ON4EI                |
| EI6KB   | 55,952    | 226   | 104 | SO-PH-LP   | 1/1   | 16/13  | 49/27  | 129/39   | 21/14  | 10/10  |                      |
| EI3Z    | 394,335   | 705   | 207 | SOU-MIX-LP | 20/18 | 56/40  | 117/40 | 245/49   | 240/43 | 27/17  | EI6JK                |
| EI7CC   | 53,040    | 215   | 85  | SOU-CW-LP  | 1/1   | 1/1    | 1/1    | 86/30    | 85/35  | 41/17  |                      |

|             |           |       |     |           |        |        |        |        |        |       |                        |
|-------------|-----------|-------|-----|-----------|--------|--------|--------|--------|--------|-------|------------------------|
| EI2IDB      | 14,322    | 165   | 33  | SOU-CW-LP | 0/0    | 0/0    | 0/0    | 165/33 | 0/0    | 0/0   |                        |
|             |           |       |     |           |        |        |        |        |        |       |                        |
| Isle of Man |           |       |     |           |        |        |        |        |        |       |                        |
| MD2C        | 1,366,176 | 1,587 | 266 | SO-CW-HP  | 97/38  | 242/45 | 184/49 | 770/68 | 253/50 | 41/16 | MDØCCE                 |
| GDØAMD/P    | 26,650    | 156   | 65  | MSHP      | 0/0    | 0/0    | 35/20  | 113/38 | 8/7    | 0/0   | 2EØXNV, GDØAMD, MDØHHH |
|             |           |       |     |           |        |        |        |        |        |       |                        |
| Luxembourg  |           |       |     |           |        |        |        |        |        |       |                        |
| LX7I        | 1,716,101 | 1,797 | 293 | SOU-CW-HP | 33/29  | 141/42 | 421/69 | 824/78 | 340/53 | 38/22 | DL3BPC                 |
|             |           |       |     |           |        |        |        |        |        |       |                        |
| Netherlands |           |       |     |           |        |        |        |        |        |       |                        |
| PD1RO       | 23,664    | 155   | 58  | SO-MIX-LP | 0/0    | 0/0    | 25/14  | 123/37 | 0/0    | 7/7   |                        |
| PA4GDR      | 14,964    | 112   | 58  | SO-MIX-HP | 0/0    | 0/0    | 16/13  | 61/23  | 29/16  | 6/6   |                        |
| PA5P        | 12,042    | 105   | 54  | SO-MIX-LP | 0/0    | 6/6    | 23/15  | 67/25  | 6/5    | 3/3   |                        |
| PA3TA       | 11,480    | 114   | 40  | SO-MIX-LP | 0/0    | 0/0    | 51/21  | 63/19  | 0/0    | 0/0   |                        |
| PD7CJT      | 11,475    | 151   | 27  | SO-MIX-LP | 0/0    | 0/0    | 0/0    | 151/27 | 0/0    | 0/0   |                        |
| PDØHF       | 8,435     | 101   | 35  | SO-MIX-LP | 0/0    | 0/0    | 16/8   | 81/24  | 0/0    | 4/3   |                        |
| PD1B        | 4,342     | 73    | 26  | SO-MIX-LP | 0/0    | 0/0    | 3/3    | 65/20  | 0/0    | 5/3   |                        |
| PAØGMS      | 408       | 18    | 17  | SO-MIX-HP | 0/0    | 8/7    | 6/6    | 1/1    | 0/0    | 3/3   |                        |
| PA2TMS      | 390,051   | 851   | 171 | SO-PH-LP  | 0/0    | 185/35 | 314/56 | 198/41 | 112/24 | 42/15 |                        |
| PA1CM       | 165,445   | 369   | 163 | SO-PH-LP  | 9/9    | 39/27  | 89/42  | 160/48 | 59/25  | 13/12 |                        |
| PA7WW       | 145,834   | 400   | 142 | SO-PH-HP  | 0/0    | 52/24  | 62/31  | 174/42 | 81/31  | 31/14 |                        |
| PG1R        | 49,632    | 227   | 96  | SO-PH-LP  | 0/0    | 22/21  | 44/25  | 121/29 | 29/15  | 11/6  |                        |
| PF6X        | 35,872    | 198   | 76  | SO-PH-LP  | 0/0    | 3/3    | 27/18  | 125/32 | 17/9   | 26/14 |                        |
| PA2VS       | 26,280    | 187   | 60  | SO-PH-LP  | 0/0    | 0/0    | 47/22  | 124/28 | 0/0    | 16/10 |                        |
| PC4AD       | 24,938    | 143   | 74  | SO-PH-LP  | 0/0    | 13/12  | 42/26  | 79/27  | 8/8    | 1/1   |                        |
| PA3ELQ      | 15,050    | 129   | 50  | SO-PH-HP  | 0/0    | 0/0    | 7/6    | 101/31 | 16/8   | 5/5   |                        |
| PAØAWH      | 12,670    | 102   | 70  | SO-PH-QRP | 0/0    | 22/17  | 26/19  | 25/12  | 16/13  | 13/9  |                        |
| PD5ISW      | 11,368    | 138   | 29  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 138/29 | 0/0    | 0/0   |                        |
| PDØWVB      | 7,592     | 114   | 26  | SO-PH-LP  | 0/0    | 0/0    | 2/2    | 108/20 | 0/0    | 4/4   |                        |
| PA3GVQ      | 6,909     | 74    | 49  | SO-PH-HP  | 0/0    | 3/3    | 18/16  | 43/21  | 7/6    | 3/3   |                        |
| PD2JCB      | 4,862     | 87    | 22  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 87/22  | 0/0    | 0/0   |                        |
| PA2WO       | 3,332     | 49    | 34  | SO-PH-LP  | 0/0    | 0/0    | 8/8    | 23/12  | 16/12  | 2/2   |                        |
| PA1EJO      | 2,904     | 55    | 22  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 55/22  | 0/0    | 0/0   |                        |
| PA4DN       | 2,560     | 55    | 20  | SO-PH-HP  | 0/0    | 0/0    | 0/0    | 52/17  | 2/2    | 1/1   |                        |
| PE1FRE      | 2,015     | 36    | 31  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 16/14  | 11/9   | 9/8   |                        |
| PC1ØØIAU    | 276       | 14    | 12  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 4/4    | 5/5    | 5/3   |                        |
| PA3AAV      | 1,174,295 | 1,649 | 235 | SO-CW-HP  | 115/28 | 315/44 | 442/55 | 589/57 | 129/33 | 59/18 |                        |
| PA2W        | 95,800    | 351   | 100 | SO-CW-LP  | 13/12  | 69/22  | 87/21  | 168/34 | 12/9   | 2/2   |                        |
| PA3DBS      | 77,475    | 380   | 75  | SO-CW-LP  | 0/0    | 4/2    | 131/24 | 156/25 | 68/14  | 21/10 |                        |
| PA3EEG      | 40,480    | 198   | 88  | SO-CW-LP  | 4/4    | 14/10  | 50/25  | 88/26  | 26/12  | 16/11 |                        |
| PA3ARM      | 36,335    | 218   | 65  | SO-CW-LP  | 0/0    | 0/0    | 87/17  | 76/22  | 29/12  | 26/14 |                        |
| PAØZAV      | 25,160    | 152   | 68  | SO-CW-QRP | 0/0    | 38/21  | 24/14  | 61/15  | 29/18  | 0/0   |                        |
| PBØACU      | 19,926    | 160   | 41  | SO-CW-LP  | 0/0    | 0/0    | 0/0    | 157/38 | 3/3    | 0/0   |                        |
| PA5V        | 18,176    | 121   | 71  | SO-CW-LP  | 3/3    | 20/18  | 54/25  | 36/17  | 7/7    | 1/1   |                        |

|        |           |       |     |             |       |        |        |        |        |        |  |
|--------|-----------|-------|-----|-------------|-------|--------|--------|--------|--------|--------|--|
| PAØVLA | 18,157    | 121   | 67  | SO-CW-LP    | 19/10 | 18/12  | 27/17  | 41/15  | 9/9    | 7/4    |  |
| PAØWKI | 16,402    | 126   | 59  | SO-CW-LP    | 1/1   | 30/16  | 19/13  | 54/12  | 16/13  | 6/4    |  |
| PA1B   | 10,962    | 106   | 42  | SO-CW-QRP   | 0/0   | 0/0    | 21/13  | 61/18  | 24/11  | 0/0    |  |
| PC7E   | 8,768     | 107   | 32  | SO-CW-LP    | 0/0   | 0/0    | 27/18  | 77/11  | 3/3    | 0/0    |  |
| PA2CHM | 6,958     | 74    | 49  | SO-CW-LP    | 0/0   | 5/5    | 14/14  | 23/11  | 23/13  | 9/6    |  |
| PA5GU  | 6,878     | 76    | 38  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 16/8   | 37/18  | 23/12  |  |
| PAØVDV | 6,400     | 102   | 25  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 102/25 |  |
| PA7KR  | 4,305     | 61    | 35  | SO-CW-LP    | 0/0   | 8/6    | 15/12  | 16/4   | 17/9   | 5/4    |  |
| PA3FNB | 377       | 15    | 13  | SO-CW-LP    | 0/0   | 0/0    | 2/1    | 5/4    | 4/4    | 4/4    |  |
| PC3T   | 1,191,380 | 1,413 | 284 | SOU-MIX-LP  | 34/22 | 143/42 | 265/59 | 796/83 | 129/52 | 46/26  |  |
| PA5WT  | 125,736   | 412   | 104 | SOU-MIX-HP  | 0/0   | 0/0    | 149/46 | 0/0    | 128/36 | 135/22 |  |
| PA3EVY | 117,974   | 368   | 122 | SOU-MIX-HP  | 10/9  | 7/6    | 88/28  | 129/41 | 39/16  | 95/22  |  |
| PA1LEX | 114,018   | 456   | 93  | SOU-MIX-LP  | 0/0   | 4/4    | 139/30 | 257/35 | 41/15  | 15/9   |  |
| PE5O   | 79,776    | 295   | 96  | SOU-MIX-LP  | 0/0   | 8/7    | 52/26  | 190/44 | 42/17  | 3/2    |  |
| PE2K   | 78,027    | 345   | 93  | SOU-MIX-QRP | 0/0   | 0/0    | 120/31 | 143/28 | 62/21  | 20/13  |  |
| PC1PM  | 36,708    | 201   | 76  | SOU-MIX-LP  | 0/0   | 39/20  | 20/12  | 113/28 | 23/12  | 6/4    |  |
| PDØWR  | 30,085    | 205   | 55  | SOU-MIX-LP  | 0/0   | 0/0    | 9/7    | 141/32 | 0/0    | 55/16  |  |
| PD1RP  | 19,451    | 136   | 53  | SOU-MIX-LP  | 0/0   | 0/0    | 0/0    | 106/39 | 0/0    | 30/14  |  |
| PA3GEO | 7,363     | 83    | 37  | SOU-MIX-LP  | 0/0   | 0/0    | 0/0    | 45/19  | 21/12  | 17/6   |  |
| PD7RB  | 4,232     | 74    | 23  | SOU-MIX-LP  | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 74/23  |  |
| PE1EWR | 102,942   | 342   | 126 | SOU-PH-LP   | 12/12 | 37/23  | 95/30  | 141/33 | 43/19  | 14/9   |  |
| PC9DB  | 90,797    | 294   | 119 | SOU-PH-LP   | 0/0   | 15/14  | 49/25  | 158/41 | 54/26  | 18/13  |  |
| PD2TW  | 84,753    | 418   | 73  | SOU-PH-LP   | 0/0   | 0/0    | 77/14  | 301/48 | 0/0    | 40/11  |  |
| PE1FTV | 73,882    | 301   | 106 | SOU-PH-LP   | 2/2   | 69/21  | 55/25  | 119/31 | 33/17  | 23/10  |  |
| PC4L   | 34,221    | 200   | 61  | SOU-PH-LP   | 0/0   | 0/0    | 7/7    | 193/54 | 0/0    | 0/0    |  |
| PE1LUB | 30,628    | 205   | 52  | SOU-PH-HP   | 0/0   | 0/0    | 0/0    | 205/52 | 0/0    | 0/0    |  |
| PC4C   | 26,718    | 164   | 73  | SOU-PH-LP   | 0/0   | 3/3    | 32/19  | 68/24  | 48/18  | 13/9   |  |
| PA2Z   | 21,255    | 148   | 65  | SOU-PH-LP   | 0/0   | 0/0    | 31/20  | 99/32  | 18/13  | 0/0    |  |
| PE5JW  | 17,936    | 122   | 76  | SOU-PH-LP   | 7/7   | 22/19  | 41/24  | 46/20  | 6/6    | 0/0    |  |
| PA4R   | 15,458    | 102   | 59  | SOU-PH-LP   | 0/0   | 0/0    | 14/12  | 67/30  | 13/11  | 8/6    |  |
| PE4KH  | 7,904     | 93    | 38  | SOU-PH-LP   | 0/0   | 0/0    | 19/16  | 74/22  | 0/0    | 0/0    |  |
| PA3DWK | 6,512     | 77    | 37  | SOU-PH-LP   | 0/0   | 0/0    | 5/2    | 71/34  | 1/1    | 0/0    |  |
| PA8VK  | 518       | 22    | 14  | SOU-PH-LP   | 0/0   | 0/0    | 22/14  | 0/0    | 0/0    | 0/0    |  |
| PA4O   | 890,409   | 1,270 | 237 | SOU-CW-HP   | 23/22 | 210/44 | 421/63 | 467/68 | 108/24 | 41/16  |  |
| PA7LV  | 621,952   | 897   | 226 | SOU-CW-HP   | 28/24 | 37/32  | 284/57 | 400/61 | 122/38 | 26/14  |  |
| PA3GRM | 328,476   | 821   | 124 | SOU-CW-HP   | 0/0   | 0/0    | 165/38 | 586/59 | 70/27  | 0/0    |  |
| PA2TA  | 134,368   | 443   | 104 | SOU-CW-LP   | 0/0   | 0/0    | 86/30  | 270/44 | 76/24  | 11/6   |  |
| PAØJED | 129,444   | 362   | 134 | SOU-CW-LP   | 9/9   | 40/27  | 85/34  | 178/37 | 34/19  | 16/8   |  |
| PAØGJV | 111,720   | 314   | 114 | SOU-CW-LP   | 0/0   | 6/6    | 59/32  | 200/50 | 45/22  | 4/4    |  |
| PA3GDD | 91,540    | 300   | 115 | SOU-CW-HP   | 0/0   | 24/18  | 53/27  | 164/44 | 45/18  | 14/8   |  |
| PAØJLS | 90,160    | 341   | 98  | SOU-CW-LP   | 0/0   | 48/26  | 88/27  | 196/37 | 5/4    | 4/4    |  |
| PG5V   | 83,382    | 397   | 78  | SOU-CW-LP   | 0/0   | 0/0    | 139/31 | 184/24 | 68/18  | 6/5    |  |
| PA3AIN | 76,398    | 278   | 102 | SOU-CW-LP   | 8/8   | 28/15  | 75/25  | 92/24  | 56/19  | 19/11  |  |
| PG2AA  | 69,536    | 307   | 82  | SOU-CW-LP   | 0/0   | 20/18  | 71/20  | 190/32 | 23/9   | 3/3    |  |

|                  |         |       |     |            |       |        |        |        |        |       |                                    |
|------------------|---------|-------|-----|------------|-------|--------|--------|--------|--------|-------|------------------------------------|
| PA5TT            | 58,480  | 235   | 86  | SOU-CW-HP  | 0/0   | 0/0    | 64/36  | 155/42 | 16/8   | 0/0   |                                    |
| PF6W             | 51,700  | 197   | 94  | SOU-CW-LP  | 0/0   | 0/0    | 30/23  | 109/37 | 46/23  | 12/11 |                                    |
| PC5D             | 45,501  | 218   | 87  | SOU-CW-LP  | 0/0   | 4/4    | 65/27  | 96/31  | 46/20  | 7/5   |                                    |
| PA5N             | 36,408  | 201   | 74  | SOU-CW-HP  | 15/14 | 24/5   | 72/25  | 69/18  | 16/8   | 5/4   |                                    |
| PA3DAT           | 27,018  | 148   | 79  | SOU-CW-LP  | 4/4   | 10/10  | 15/13  | 101/41 | 9/6    | 9/5   |                                    |
| PDØME            | 19,485  | 147   | 45  | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 128/34 | 0/0    | 19/11 |                                    |
| PF5X             | 18,496  | 113   | 64  | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 83/39  | 14/14  | 16/11 |                                    |
| PE1HWO           | 16,200  | 109   | 45  | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 65/25  | 2/1    | 42/19 |                                    |
| PDØJMH           | 6,576   | 100   | 24  | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 100/24 | 0/0    | 0/0   |                                    |
| PE1RWL           | 2,436   | 41    | 28  | SOU-CW-LP  | 0/0   | 0/0    | 15/13  | 20/11  | 6/4    | 0/0   |                                    |
| PA3DUU           | 1,134   | 32    | 14  | SOU-CW-LP  | 0/0   | 32/14  | 0/0    | 0/0    | 0/0    | 0/0   |                                    |
| PA3HGF           | 1,008   | 27    | 16  | SOU-CW-LP  | 0/0   | 0/0    | 5/4    | 22/12  | 0/0    | 0/0   |                                    |
| PAØAA            | 226,738 | 602   | 146 | MSHP       | 0/0   | 72/26  | 161/32 | 300/55 | 57/25  | 12/8  | PAØAA, PE2LZ, PG1N                 |
| PI4ASV           | 24,616  | 160   | 68  | MSHP       | 0/0   | 1/1    | 20/16  | 103/28 | 24/15  | 12/8  | PA1TO, PA3HEO, PA9D, PE4SVG, PF9DC |
|                  |         |       |     |            |       |        |        |        |        |       |                                    |
| Northern Ireland |         |       |     |            |       |        |        |        |        |       |                                    |
| MIØI             | 192,120 | 608   | 120 | SO-PH-LP   | 0/0   | 28/18  | 44/28  | 397/47 | 124/21 | 15/6  |                                    |
| MIØOBC           | 32,882  | 186   | 82  | SO-PH-LP   | 0/0   | 0/0    | 17/15  | 99/33  | 53/21  | 17/13 |                                    |
| MI1A             | 29,784  | 167   | 68  | SO-PH-HP   | 0/0   | 0/0    | 12/11  | 135/37 | 16/16  | 4/4   | MIØULK                             |
| 2IØWMN           | 4,212   | 61    | 36  | SO-PH-LP   | 0/0   | 0/0    | 21/16  | 40/20  | 0/0    | 0/0   |                                    |
|                  |         |       |     |            |       |        |        |        |        |       |                                    |
| Scotland         |         |       |     |            |       |        |        |        |        |       |                                    |
| MM3AWD           | 564,120 | 1,144 | 180 | SO-MIX-QRP | 22/16 | 187/37 | 254/43 | 564/47 | 94/25  | 23/12 |                                    |
| MM1E             | 192,220 | 502   | 140 | SO-MIX-HP  | 0/0   | 101/30 | 68/29  | 224/44 | 70/24  | 39/13 | MMØGOR                             |
| GM5G             | 4,522   | 61    | 34  | SO-MIX-LP  | 0/0   | 0/0    | 11/8   | 40/17  | 10/9   | 0/0   | MMØGYX                             |
| MM8Z             | 184,023 | 454   | 161 | SO-PH-LP   | 0/0   | 37/24  | 87/39  | 192/42 | 95/34  | 43/22 | GM7VSB                             |
| GM9C             | 20,922  | 138   | 66  | SO-PH-LP   | 0/0   | 1/1    | 33/23  | 96/34  | 8/8    | 0/0   |                                    |
| GMØUKZ           | 390     | 20    | 10  | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 20/10  | 0/0    | 0/0   |                                    |
| GM3A             | 405,852 | 1,143 | 124 | SO-CW-HP   | 0/0   | 208/29 | 215/34 | 652/36 | 31/10  | 37/15 | MMØJOM                             |
| MM3N             | 151,110 | 476   | 115 | SO-CW-HP   | 0/0   | 63/25  | 118/34 | 254/36 | 37/16  | 4/4   | GM4SID                             |
| GMØEUL           | 3,960   | 68    | 20  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 68/20  | 0/0    | 0/0   |                                    |
| MMØZBH           | 57,640  | 235   | 88  | SOU-MIX-LP | 0/0   | 0/0    | 0/0    | 133/43 | 40/26  | 62/19 |                                    |
| MM4D             | 8,323   | 81    | 41  | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 60/22  | 15/14  | 6/5   | GM4ATA                             |
| GM4UYZ           | 3,820   | 79    | 20  | SOU-MIX-LP | 0/0   | 0/0    | 0/0    | 79/20  | 0/0    | 0/0   |                                    |
| GMØOPS           | 160,290 | 416   | 137 | SOU-CW-LP  | 8/7   | 37/18  | 68/33  | 205/38 | 73/29  | 25/12 |                                    |
| MM2T             | 17,460  | 172   | 36  | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 172/36 | 0/0    | 0/0   |                                    |
| GM5M             | 62,264  | 284   | 86  | MSHP       | 0/0   | 0/0    | 27/22  | 179/37 | 78/27  | 0/0   | GM3JOB, GM4ZNC, MMØGNS             |
|                  |         |       |     |            |       |        |        |        |        |       |                                    |
| Wales            |         |       |     |            |       |        |        |        |        |       |                                    |
| MW7KJC           | 28,560  | 165   | 80  | SO-PH-LP   | 0/0   | 13/13  | 33/22  | 85/24  | 22/12  | 12/9  |                                    |
| GW9Z             | 18,480  | 115   | 70  | SO-PH-HP   | 0/0   | 0/0    | 15/12  | 52/29  | 33/18  | 15/11 |                                    |
| GW7BZR           | 11,790  | 103   | 45  | SO-PH-LP   | 0/0   | 3/3    | 10/10  | 89/31  | 1/1    | 0/0   |                                    |
| MWØIDX           | 3,348   | 42    | 31  | SO-CW-HP   | 0/0   | 0/0    | 10/9   | 11/8   | 18/13  | 3/1   |                                    |
| GW5L             | 20,955  | 141   | 55  | SOU-MIX-LP | 0/0   | 0/0    | 0/0    | 56/22  | 74/25  | 11/8  | GW4ZAR                             |

|                    |           |       |       |            |       |        |        |          |        |       |                         |
|--------------------|-----------|-------|-------|------------|-------|--------|--------|----------|--------|-------|-------------------------|
| GW7N               | 27,389    | 150   | 61    | SOU-CW-HP  | 0/0   | 0/0    | 11/10  | 46/14    | 70/24  | 23/13 | GW4MVA                  |
|                    |           |       |       |            |       |        |        |          |        |       |                         |
| Call               | Score     | QSOs  | Mults | Category   | 160   | 80     | 40     | 20       | 15     | 10    | Operator(s) and/or Host |
| Zone 28            |           |       |       |            |       |        |        |          |        |       |                         |
|                    |           |       |       |            |       |        |        |          |        |       |                         |
| Albania            |           |       |       |            |       |        |        |          |        |       |                         |
| ZA1U               | 4         | 2     | 2     | SO-CW-LP   | 1/1   | 0/0    | 1/1    | 0/0      | 0/0    | 0/0   |                         |
|                    |           |       |       |            |       |        |        |          |        |       |                         |
| Austria            |           |       |       |            |       |        |        |          |        |       |                         |
| OE5CYL             | 33,300    | 209   | 90    | SO-MIX-LP  | 10/8  | 35/18  | 64/24  | 77/26    | 21/12  | 2/2   |                         |
| OE2E               | 27,122    | 150   | 71    | SO-MIX-LP  | 0/0   | 0/0    | 3/3    | 116/45   | 23/17  | 8/6   |                         |
| OE/SP7JC           | 352       | 22    | 11    | SO-MIX-LP  | 2/2   | 7/5    | 13/4   | 0/0      | 0/0    | 0/0   |                         |
| OE3EBC             | 100       | 10    | 10    | SO-MIX-QRP | 0/0   | 2/2    | 0/0    | 2/2      | 4/4    | 2/2   |                         |
| OE1HHB             | 222,824   | 577   | 173   | SO-PH-LP   | 8/8   | 63/27  | 126/42 | 222/48   | 98/30  | 60/18 |                         |
| OE5BGN             | 71,898    | 414   | 69    | SO-PH-HP   | 0/0   | 0/0    | 99/15  | 262/33   | 26/13  | 27/8  |                         |
| OE3HLB             | 31,535    | 195   | 85    | SO-PH-LP   | 0/0   | 9/9    | 43/23  | 97/30    | 36/15  | 10/8  |                         |
| OE3OSB             | 17,476    | 132   | 68    | SO-PH-LP   | 0/0   | 0/0    | 37/19  | 68/30    | 20/12  | 7/7   |                         |
| OE2IJL             | 8,379     | 76    | 63    | SO-PH-LP   | 2/2   | 14/12  | 16/16  | 25/18    | 14/11  | 5/4   |                         |
| OE3MCS/P           | 6,820     | 70    | 44    | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 27/18    | 32/18  | 11/8  |                         |
| OE3TWA             | 5,406     | 74    | 53    | SO-PH-LP   | 0/0   | 22/17  | 31/22  | 20/13    | 1/1    | 0/0   |                         |
| OE3DEC             | 1,541     | 36    | 23    | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 21/12    | 6/4    | 9/7   |                         |
| OE5IIO             | 1,295     | 37    | 37    | SO-PH-LP   | 2/2   | 8/8    | 0/0    | 0/0      | 17/17  | 10/10 |                         |
| OE1CIW             | 153,076   | 463   | 142   | SO-CW-LP   | 13/12 | 33/17  | 156/37 | 146/38   | 58/22  | 57/16 |                         |
| OE9WGI             | 56,745    | 281   | 97    | SO-CW-LP   | 0/0   | 14/13  | 176/32 | 63/31    | 22/15  | 6/6   |                         |
| OE3BKC             | 5,168     | 59    | 38    | SO-CW-HP   | 0/0   | 0/0    | 55/34  | 4/4      | 0/0    | 0/0   |                         |
| OE3DXA             | 64,974    | 241   | 102   | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 123/52   | 83/32  | 35/18 |                         |
| OE1VMC             | 1,240     | 30    | 20    | SOU-MIX-LP | 0/0   | 0/0    | 0/0    | 0/0      | 15/10  | 15/10 |                         |
| OE5JSL             | 16,165    | 100   | 61    | SOU-PH-HP  | 0/0   | 11/9   | 24/14  | 51/26    | 6/5    | 8/7   |                         |
| OE5UAL             | 7,007     | 74    | 49    | SOU-PH-LP  | 0/0   | 36/23  | 38/26  | 0/0      | 0/0    | 0/0   |                         |
| OE1XA              | 21,063    | 144   | 59    | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 40/22    | 64/25  | 40/12 | OE1EPU                  |
| 4U1A               | 697,890   | 1,370 | 215   | MSHP       | 40/24 | 93/31  | 366/50 | 761/64   | 85/29  | 25/17 | HB9RB, OE1ZZZ           |
|                    |           |       |       |            |       |        |        |          |        |       |                         |
| Bosnia-Herzegovina |           |       |       |            |       |        |        |          |        |       |                         |
| E7DX               | 3,432,687 | 3,923 | 303   | SO-MIX-HP  | 75/29 | 345/49 | 930/66 | 1,889/79 | 595/56 | 89/24 |                         |
| E71NT              | 10,971    | 126   | 53    | SO-MIX-QRP | 0/0   | 0/0    | 17/9   | 85/28    | 21/13  | 3/3   |                         |
| E74UK              | 264,695   | 720   | 167   | SO-CW-LP   | 22/16 | 136/31 | 178/33 | 221/41   | 140/34 | 23/12 |                         |
| E74X               | 104,957   | 517   | 103   | SO-CW-HP   | 0/0   | 104/23 | 182/26 | 124/29   | 102/23 | 5/2   |                         |
| E72U               | 83,250    | 330   | 111   | SO-CW-LP   | 0/0   | 25/16  | 86/29  | 166/45   | 47/16  | 6/5   |                         |
| E71A               | 17,850    | 239   | 35    | SO-CW-LP   | 0/0   | 0/0    | 239/35 | 0/0      | 0/0    | 0/0   |                         |
| E74O               | 5,824     | 62    | 52    | SO-CW-QRP  | 0/0   | 12/10  | 30/24  | 12/11    | 6/6    | 2/1   |                         |
| E77O               | 1,500     | 32    | 10    | SO-CW-LP   | 0/0   | 0/0    | 2/1    | 30/9     | 0/0    | 0/0   |                         |
| E7CW               | 550,338   | 1,238 | 201   | SOU-MIX-HP | 73/26 | 139/37 | 208/44 | 737/62   | 81/32  | 0/0   |                         |
| E77EA              | 286,352   | 825   | 176   | SOU-CW-LP  | 43/26 | 223/36 | 299/39 | 151/37   | 79/24  | 30/14 |                         |
| E78IW              | 162,375   | 646   | 125   | SOU-CW-LP  | 0/0   | 31/23  | 167/29 | 191/36   | 257/37 | 0/0   |                         |

|          |           |       |     |            |       |        |        |          |        |        |                          |
|----------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|--------|--------------------------|
| E71EEE   | 147,001   | 505   | 137 | MSHP       | 0/0   | 47/25  | 145/37 | 198/38   | 73/26  | 42/11  | E73B, E73PS, E75CV, E77G |
|          |           |       |     |            |       |        |        |          |        |        |                          |
| Bulgaria |           |       |     |            |       |        |        |          |        |        |                          |
| LZ5R     | 1,990,224 | 2,857 | 272 | SO-MIX-HP  | 33/24 | 320/45 | 605/50 | 1,091/67 | 614/55 | 194/31 | LZ1NK                    |
| LZ1GU    | 994,560   | 1,531 | 259 | SO-MIX-LP  | 57/30 | 124/37 | 196/49 | 630/68   | 452/51 | 72/24  |                          |
| LZØM     | 750,699   | 1,178 | 239 | SO-MIX-LP  | 51/20 | 125/34 | 267/56 | 483/63   | 184/42 | 68/24  | LZ2SX                    |
| LZ3FN    | 651,052   | 1,438 | 212 | SO-MIX-LP  | 63/21 | 220/32 | 357/45 | 410/58   | 338/36 | 50/20  |                          |
| LZ5W     | 523,776   | 1,362 | 192 | SO-MIX-LP  | 60/28 | 111/29 | 163/36 | 576/45   | 194/30 | 258/24 | LZ1YE                    |
| LZ4AW    | 416,411   | 1,129 | 173 | SO-MIX-LP  | 1/1   | 175/30 | 267/39 | 470/45   | 150/37 | 66/21  |                          |
| LZ2HT    | 70,494    | 347   | 93  | SO-MIX-LP  | 0/0   | 1/1    | 103/28 | 201/44   | 37/16  | 5/4    |                          |
| LZ5PL    | 17,152    | 143   | 67  | SO-MIX-LP  | 0/0   | 35/13  | 12/7   | 39/17    | 27/16  | 30/14  |                          |
| LZ3DJ    | 4,875     | 76    | 39  | SO-MIX-LP  | 0/0   | 0/0    | 8/4    | 24/13    | 34/15  | 10/7   |                          |
| LZ5DD    | 4,440     | 148   | 15  | SO-MIX-HP  | 0/0   | 0/0    | 0/0    | 148/15   | 0/0    | 0/0    |                          |
| LZ3SD    | 45,475    | 233   | 107 | SO-PH-LP   | 0/0   | 12/11  | 49/25  | 102/35   | 35/18  | 35/18  |                          |
| LZ9V     | 28,587    | 437   | 39  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 0/0      | 437/39 | 0/0    |                          |
| LZ7EA    | 22,002    | 186   | 57  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 131/34   | 47/17  | 8/6    |                          |
| LZ1PUB   | 20,592    | 155   | 72  | SO-PH-LP   | 0/0   | 2/2    | 40/23  | 81/28    | 22/11  | 10/8   |                          |
| LZ5E     | 2,461     | 53    | 23  | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 53/23    | 0/0    | 0/0    |                          |
| LZ5QZ    | 136,017   | 602   | 127 | SO-CW-QRP  | 22/10 | 79/24  | 107/27 | 145/25   | 215/26 | 34/15  |                          |
| LZ1DQ    | 85,634    | 387   | 94  | SO-CW-LP   | 0/0   | 15/8   | 65/26  | 242/38   | 49/15  | 16/7   |                          |
| LZ1IA    | 83,948    | 311   | 124 | SO-CW-LP   | 0/0   | 62/29  | 79/38  | 113/34   | 47/18  | 10/5   |                          |
| LZ1VKD   | 76,046    | 323   | 94  | SO-CW-LP   | 0/0   | 0/0    | 14/13  | 203/44   | 51/20  | 55/17  |                          |
| LZ1AQ    | 26,944    | 158   | 64  | SO-CW-LP   | 0/0   | 49/22  | 34/17  | 75/25    | 0/0    | 0/0    |                          |
| LZ1HW    | 26,320    | 150   | 70  | SO-CW-HP   | 0/0   | 0/0    | 63/29  | 79/36    | 8/5    | 0/0    |                          |
| LZ1GE    | 25,872    | 181   | 77  | SO-CW-HP   | 0/0   | 16/12  | 28/15  | 96/33    | 26/9   | 15/8   |                          |
| LZ1WF    | 3,534     | 77    | 31  | SO-CW-QRP  | 0/0   | 0/0    | 5/4    | 18/8     | 17/8   | 37/11  |                          |
| LZ1KZ    | 720       | 19    | 16  | SO-CW-LP   | 0/0   | 0/0    | 4/4    | 15/12    | 0/0    | 0/0    |                          |
| LZ1QN    | 610,200   | 1,210 | 216 | SOU-MIX-HP | 44/19 | 113/32 | 167/46 | 606/67   | 215/37 | 65/15  |                          |
| LZ1BP    | 517,440   | 762   | 220 | SOU-MIX-LP | 4/4   | 40/32  | 143/48 | 350/62   | 157/50 | 68/24  |                          |
| LZ1BJ    | 83,817    | 564   | 67  | SOU-MIX-HP | 0/0   | 34/9   | 10/6   | 409/33   | 104/17 | 7/2    |                          |
| LZ2YO    | 338,080   | 1,041 | 160 | SOU-PH-HP  | 0/0   | 71/25  | 54/27  | 482/55   | 348/38 | 86/15  |                          |
| LZ1DM    | 54,320    | 279   | 112 | SOU-PH-QRP | 0/0   | 25/19  | 39/21  | 141/36   | 47/22  | 27/14  |                          |
| LZ1W     | 37,840    | 194   | 80  | SOU-PH-HP  | 0/0   | 0/0    | 21/16  | 139/43   | 27/16  | 7/5    |                          |
| LZ1NDV   | 16,946    | 115   | 74  | SOU-PH-LP  | 0/0   | 4/4    | 32/22  | 56/29    | 17/13  | 6/6    |                          |
| LZ2ZY    | 2,507     | 48    | 23  | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 0/0      | 48/23  | 0/0    |                          |
| LZ1CRI   | 1,088     | 29    | 8   | SOU-PH-HP  | 0/0   | 0/0    | 2/1    | 27/7     | 0/0    | 0/0    |                          |
| LZ1ZJ    | 414,003   | 895   | 177 | SOU-CW-HP  | 0/0   | 86/22  | 111/38 | 450/64   | 202/39 | 46/14  |                          |
| LZ7Y     | 304,000   | 616   | 200 | SOU-CW-HP  | 0/0   | 110/33 | 105/44 | 237/62   | 140/44 | 24/17  | LZ2NG                    |
| LZ2ZG    | 125,112   | 391   | 156 | SOU-CW-HP  | 29/25 | 33/15  | 70/33  | 156/43   | 84/29  | 19/11  |                          |
| LZ2PS    | 85,050    | 523   | 63  | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 523/63   | 0/0    | 0/0    |                          |
| LZ3ØOJ   | 64,893    | 302   | 97  | SOU-CW-HP  | 0/0   | 0/0    | 60/28  | 147/37   | 58/20  | 37/12  |                          |
| LZ5XQ    | 40,385    | 419   | 41  | SOU-CW-LP  | 0/0   | 419/41 | 0/0    | 0/0      | 0/0    | 0/0    |                          |
| LZ1MC    | 3,900     | 62    | 20  | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 38/12    | 24/8   | 0/0    |                          |
| LZ2OQ/1  | 60        | 4     | 3   | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 4/3      | 0/0    | 0/0    |                          |

|           |           |       |     |            |       |        |        |          |        |        |        |
|-----------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|--------|--------|
|           |           |       |     |            |       |        |        |          |        |        |        |
| Corsica   |           |       |     |            |       |        |        |          |        |        |        |
| TK/DL4ALB | 672       | 24    | 14  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 17/8     | 7/6    | 0/0    |        |
| TK/IK1BPL | 4,477     | 69    | 37  | SO-CW-LP   | 0/0   | 0/0    | 16/12  | 34/10    | 19/15  | 0/0    |        |
| TK5MH     | 70,727    | 185   | 107 | SOU-CW-HP  | 6/6   | 10/7   | 10/10  | 109/50   | 41/26  | 9/8    |        |
|           |           |       |     |            |       |        |        |          |        |        |        |
| Crete     |           |       |     |            |       |        |        |          |        |        |        |
| SV9FBP    | 5,130     | 64    | 30  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 45/16    | 11/7   | 8/7    |        |
| SV9DJO    | 80,580    | 323   | 102 | SOU-CW-HP  | 0/0   | 12/12  | 49/28  | 136/28   | 101/21 | 25/13  |        |
|           |           |       |     |            |       |        |        |          |        |        |        |
| Croatia   |           |       |     |            |       |        |        |          |        |        |        |
| 9A5Y      | 2,605,913 | 3,072 | 289 | SO-MIX-HP  | 51/30 | 252/39 | 821/52 | 1,362/76 | 508/60 | 78/32  | 9A7DX  |
| 9A3TY     | 50,991    | 343   | 69  | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 285/41   | 12/6   | 46/22  |        |
| 9A2JK     | 17,199    | 114   | 63  | SO-MIX-LP  | 6/5   | 7/6    | 9/7    | 63/25    | 19/12  | 10/8   |        |
| 9A3DOS    | 1,180     | 33    | 20  | SO-MIX-LP  | 0/0   | 0/0    | 6/5    | 27/15    | 0/0    | 0/0    |        |
| 9A1EA     | 901       | 30    | 17  | SO-MIX-LP  | 0/0   | 0/0    | 6/5    | 24/12    | 0/0    | 0/0    |        |
| 9A3EJZ    | 848       | 29    | 16  | SO-MIX-LP  | 0/0   | 0/0    | 6/5    | 23/11    | 0/0    | 0/0    |        |
| 9A8DV     | 286,563   | 780   | 177 | SO-PH-HP   | 3/3   | 40/28  | 117/41 | 398/51   | 143/35 | 79/19  | IK6JNH |
| 9A1MM     | 17,171    | 130   | 77  | SO-PH-LP   | 0/0   | 7/7    | 41/24  | 48/24    | 29/17  | 5/5    |        |
| 9A2TX     | 12,928    | 120   | 64  | SO-PH-LP   | 0/0   | 0/0    | 23/16  | 73/29    | 20/15  | 4/4    |        |
| 9A3CJW    | 11,529    | 121   | 63  | SO-PH-LP   | 0/0   | 5/5    | 51/24  | 30/14    | 18/8   | 17/12  |        |
| 9A5HZ     | 2,880     | 63    | 24  | SO-PH-QRP  | 0/0   | 0/0    | 63/24  | 0/0      | 0/0    | 0/0    |        |
| 9A8TT     | 2,806     | 47    | 46  | SO-PH-LP   | 0/0   | 0/0    | 13/13  | 20/19    | 13/13  | 1/1    |        |
| 9A1CVG    | 1,078     | 39    | 22  | SO-PH-LP   | 0/0   | 0/0    | 39/22  | 0/0      | 0/0    | 0/0    | 9A5OIA |
| 9A6DQB    | 564       | 17    | 12  | SO-PH-LP   | 0/0   | 0/0    | 3/3    | 14/9     | 0/0    | 0/0    |        |
| 9A3SM     | 193,545   | 518   | 165 | SO-CW-LP   | 19/15 | 36/18  | 119/32 | 208/51   | 96/36  | 40/13  |        |
| 9A/UX1HW  | 92,664    | 395   | 104 | SO-CW-LP   | 0/0   | 0/0    | 171/38 | 134/36   | 47/19  | 43/11  |        |
| 9A2EY     | 42,432    | 173   | 68  | SO-CW-QRP  | 0/0   | 0/0    | 68/23  | 73/19    | 24/18  | 8/8    |        |
| 9A/OM7RU  | 31,261    | 286   | 43  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 286/43   | 0/0    | 0/0    |        |
| 9A5MPV    | 896       | 30    | 16  | SO-CW-LP   | 0/0   | 0/0    | 1/1    | 29/15    | 0/0    | 0/0    |        |
| 9A3XV     | 2,064,778 | 2,145 | 331 | SOU-MIX-HP | 35/26 | 286/50 | 438/74 | 948/86   | 338/62 | 100/33 |        |
| 9A1AA     | 1,166,418 | 1,738 | 274 | SOU-MIX-LP | 77/31 | 263/44 | 351/58 | 782/72   | 128/42 | 137/27 |        |
| 9A1CFR    | 50,691    | 282   | 61  | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 282/61   | 0/0    | 0/0    | 9A2NO  |
| 9A2B      | 39,700    | 197   | 100 | SOU-PH-LP  | 0/0   | 22/18  | 40/23  | 97/33    | 27/18  | 11/8   |        |
| 9A6DJX    | 35,126    | 205   | 91  | SOU-PH-LP  | 0/0   | 5/5    | 44/24  | 100/29   | 32/19  | 24/14  |        |
| 9A4AA     | 31,680    | 197   | 88  | SOU-PH-QRP | 0/0   | 1/1    | 51/27  | 85/27    | 46/25  | 14/8   |        |
| 9A5CAN    | 19,250    | 140   | 77  | SOU-PH-LP  | 0/0   | 0/0    | 39/21  | 64/28    | 28/20  | 9/8    |        |
| 9A6RT     | 2,553     | 52    | 23  | SOU-PH-HP  | 0/0   | 0/0    | 0/0    | 52/23    | 0/0    | 0/0    |        |
| 9A7JCY    | 867       | 33    | 17  | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 0/0      | 0/0    | 33/17  |        |
| 9A1AD     | 142,662   | 529   | 118 | SOU-CW-LP  | 0/0   | 117/31 | 57/31  | 355/56   | 0/0    | 0/0    |        |
| 9A/S57KM  | 92,848    | 421   | 112 | SOU-CW-LP  | 0/0   | 18/12  | 130/28 | 144/30   | 101/28 | 28/14  |        |
| 9A2GA     | 58,408    | 252   | 98  | SOU-CW-LP  | 0/0   | 60/22  | 37/26  | 66/23    | 15/9   | 74/18  |        |
| 9A/USØVA  | 25,960    | 167   | 55  | SOU-CW-LP  | 0/0   | 0/0    | 19/6   | 64/20    | 67/24  | 17/5   |        |
| 9A/S51Z   | 9,020     | 92    | 44  | SOU-CW-QRP | 0/0   | 1/1    | 24/12  | 48/17    | 15/11  | 4/3    |        |

|                |         |       |     |           |        |        |        |        |        |       |                               |
|----------------|---------|-------|-----|-----------|--------|--------|--------|--------|--------|-------|-------------------------------|
| 9A7T           | 767,250 | 886   | 275 | MSHP      | 22/22  | 66/40  | 217/64 | 422/74 | 111/51 | 48/24 | 9A5CB, 9A5MR                  |
| 9A1BST         | 43,857  | 243   | 99  | MSHP      | 3/2    | 17/13  | 55/22  | 67/22  | 73/28  | 28/12 | 9A4DC, Ivanpavao, Karlo, Sara |
|                |         |       |     |           |        |        |        |        |        |       |                               |
| Czech Republic |         |       |     |           |        |        |        |        |        |       |                               |
| OK1OA          | 288,272 | 716   | 172 | SO-MIX-HP | 52/23  | 118/26 | 219/35 | 218/49 | 77/27  | 32/12 |                               |
| OK2BUT         | 137,295 | 469   | 135 | SO-MIX-LP | 0/0    | 45/18  | 99/28  | 244/55 | 70/25  | 11/9  |                               |
| OK2EQ          | 135,072 | 475   | 134 | SO-MIX-HP | 0/0    | 17/15  | 118/34 | 197/41 | 94/26  | 49/18 |                               |
| OK1IE          | 43,616  | 213   | 94  | SO-MIX-LP | 0/0    | 15/11  | 62/28  | 65/27  | 47/19  | 24/9  |                               |
| OK1TA          | 40,656  | 221   | 88  | SO-MIX-LP | 0/0    | 8/8    | 38/26  | 128/34 | 25/10  | 22/10 |                               |
| OK6N           | 27,388  | 151   | 82  | SO-MIX-LP | 16/13  | 35/19  | 0/0    | 64/27  | 26/15  | 10/8  | OK2PTS                        |
| OK1UXH         | 21,060  | 144   | 78  | SO-MIX-LP | 9/7    | 42/22  | 13/12  | 58/25  | 16/7   | 6/5   |                               |
| OK1WSL         | 15,906  | 140   | 66  | SO-MIX-LP | 0/0    | 0/0    | 27/18  | 57/22  | 40/17  | 16/9  |                               |
| OK3GU          | 403     | 19    | 13  | SO-MIX-LP | 2/1    | 2/1    | 2/2    | 2/1    | 3/2    | 8/6   |                               |
| OK7GU          | 72      | 12    | 6   | SO-MIX-HP | 2/1    | 2/1    | 2/1    | 2/1    | 2/1    | 2/1   |                               |
| OK1AVV         | 15      | 5     | 3   | SO-MIX-HP | 0/0    | 0/0    | 0/0    | 2/1    | 1/1    | 2/1   |                               |
| OL8K           | 670,424 | 1,626 | 181 | SO-PH-HP  | 27/13  | 298/36 | 357/31 | 786/64 | 151/32 | 7/5   | OK1GTH                        |
| OK6AB          | 115,625 | 430   | 125 | SO-PH-LP  | 1/1    | 11/8   | 99/33  | 210/47 | 68/22  | 41/14 |                               |
| OK2BRX         | 51,975  | 243   | 105 | SO-PH-LP  | 0/0    | 26/20  | 37/25  | 127/34 | 47/21  | 6/5   |                               |
| OK1LRD         | 46,958  | 228   | 106 | SO-PH-LP  | 24/13  | 36/25  | 85/36  | 74/25  | 6/4    | 3/3   |                               |
| OK2TS          | 31,047  | 186   | 79  | SO-PH-LP  | 11/11  | 15/12  | 0/0    | 129/37 | 23/13  | 8/6   |                               |
| OK1MJA         | 30,876  | 198   | 83  | SO-PH-LP  | 0/0    | 34/24  | 72/32  | 92/27  | 0/0    | 0/0   |                               |
| OK2AK          | 2,968   | 42    | 28  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 29/19  | 13/9   | 0/0   |                               |
| OK1CBA         | 2,948   | 49    | 22  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 49/22  | 0/0    | 0/0   |                               |
| OK1HRD         | 486     | 21    | 18  | SO-PH-HP  | 1/1    | 2/2    | 4/4    | 11/8   | 1/1    | 2/2   |                               |
| OK2XDD         | 154     | 12    | 11  | SO-PH-LP  | 0/0    | 0/0    | 12/11  | 0/0    | 0/0    | 0/0   |                               |
| OK7Y           | 458,985 | 999   | 185 | SO-CW-LP  | 68/23  | 186/33 | 262/38 | 387/47 | 66/28  | 30/16 | OK1FDY                        |
| OK2MBP         | 394,009 | 850   | 187 | SO-CW-LP  | 26/23  | 152/33 | 207/43 | 334/49 | 99/25  | 32/14 |                               |
| OK1LL          | 255,340 | 670   | 170 | SO-CW-LP  | 19/14  | 122/31 | 182/39 | 214/46 | 119/33 | 14/7  |                               |
| OK1DOR         | 238,856 | 714   | 146 | SO-CW-LP  | 129/30 | 97/27  | 158/27 | 203/34 | 102/19 | 25/9  |                               |
| OL3E           | 152,418 | 468   | 133 | SO-CW-LP  | 0/0    | 121/24 | 90/36  | 153/38 | 70/23  | 34/12 | OK1JOC                        |
| OK1HEH         | 145,452 | 496   | 138 | SO-CW-LP  | 24/16  | 96/28  | 106/30 | 149/31 | 79/19  | 42/14 |                               |
| OK2EA          | 133,089 | 495   | 109 | SO-CW-LP  | 0/0    | 102/20 | 114/33 | 278/55 | 1/1    | 0/0   |                               |
| OK2HFC         | 118,680 | 460   | 120 | SO-CW-LP  | 23/12  | 81/24  | 68/25  | 199/31 | 71/21  | 18/7  |                               |
| OK5SA          | 105,344 | 383   | 128 | SO-CW-LP  | 9/8    | 78/23  | 84/29  | 129/31 | 51/21  | 32/16 |                               |
| OK1LV          | 103,148 | 433   | 107 | SO-CW-LP  | 0/0    | 14/9   | 100/27 | 187/34 | 90/22  | 42/15 |                               |
| OK1GS          | 88,011  | 376   | 99  | SO-CW-LP  | 9/6    | 29/14  | 127/32 | 192/34 | 17/11  | 2/2   |                               |
| OK1DVA         | 82,555  | 402   | 95  | SO-CW-LP  | 6/6    | 64/20  | 106/26 | 194/28 | 30/13  | 2/2   |                               |
| OK2BND         | 65,754  | 279   | 117 | SO-CW-LP  | 25/19  | 46/19  | 76/26  | 91/27  | 28/16  | 13/10 |                               |
| OK2ABU         | 54,693  | 258   | 103 | SO-CW-LP  | 6/6    | 34/21  | 57/24  | 136/33 | 20/14  | 5/5   |                               |
| OK1FIM         | 52,731  | 274   | 63  | SO-CW-LP  | 0/0    | 0/0    | 0/0    | 274/63 | 0/0    | 0/0   |                               |
| OK2BOB         | 38,850  | 206   | 75  | SO-CW-LP  | 0/0    | 0/0    | 93/26  | 78/28  | 30/16  | 5/5   |                               |
| OK1FCA         | 37,449  | 235   | 73  | SO-CW-LP  | 0/0    | 27/15  | 48/16  | 135/26 | 21/12  | 4/4   |                               |
| OK2WMC         | 28,420  | 195   | 70  | SO-CW-LP  | 0/0    | 26/14  | 35/15  | 72/18  | 52/18  | 10/5  |                               |
| OK1UKV         | 24,650  | 154   | 85  | SO-CW-LP  | 5/5    | 23/17  | 38/24  | 56/17  | 19/13  | 13/9  |                               |

|                             |           |       |     |            |        |        |        |          |        |       |                |
|-----------------------------|-----------|-------|-----|------------|--------|--------|--------|----------|--------|-------|----------------|
| OK1DM                       | 24,486    | 179   | 77  | SO-CW-LP   | 11/10  | 27/14  | 52/16  | 62/21    | 23/13  | 4/3   |                |
| OK1PFM                      | 19,950    | 148   | 75  | SO-CW-LP   | 6/6    | 18/16  | 34/17  | 64/21    | 24/13  | 2/2   |                |
| OK6CX                       | 19,845    | 178   | 45  | SO-CW-HP   | 0/0    | 0/0    | 0/0    | 178/45   | 0/0    | 0/0   |                |
| OK1HCG                      | 19,305    | 248   | 39  | SO-CW-LP   | 0/0    | 0/0    | 248/39 | 0/0      | 0/0    | 0/0   |                |
| OK1AXB                      | 18,012    | 120   | 76  | SO-CW-LP   | 12/12  | 8/8    | 21/18  | 28/18    | 38/14  | 13/6  |                |
| OK1DJS                      | 17,279    | 217   | 37  | SO-CW-LP   | 0/0    | 217/37 | 0/0    | 0/0      | 0/0    | 0/0   |                |
| OK2QX                       | 11,873    | 156   | 31  | SO-CW-LP   | 0/0    | 0/0    | 39/11  | 96/14    | 20/5   | 1/1   |                |
| OK1ARO                      | 11,859    | 100   | 59  | SO-CW-LP   | 0/0    | 0/0    | 32/18  | 41/20    | 11/10  | 16/11 |                |
| OK2GU                       | 6,556     | 74    | 44  | SO-CW-LP   | 0/0    | 14/10  | 23/18  | 29/10    | 4/3    | 4/3   |                |
| OK1AOU                      | 6,084     | 84    | 36  | SO-CW-LP   | 0/0    | 0/0    | 35/18  | 49/18    | 0/0    | 0/0   |                |
| OK5RC                       | 5,964     | 104   | 28  | SO-CW-LP   | 0/0    | 0/0    | 104/28 | 0/0      | 0/0    | 0/0   |                |
| OK1DCP                      | 2,146     | 41    | 29  | SO-CW-QRP  | 0/0    | 0/0    | 0/0    | 15/10    | 17/12  | 9/7   |                |
| OK2SWD                      | 2,025     | 49    | 25  | SO-CW-LP   | 0/0    | 0/0    | 20/11  | 29/14    | 0/0    | 0/0   |                |
| OK1TVL                      | 560       | 22    | 16  | SO-CW-LP   | 0/0    | 0/0    | 10/9   | 10/5     | 1/1    | 1/1   |                |
| OL5Y                        | 1,031,680 | 1,261 | 256 | SOU-MIX-LP | 26/23  | 139/43 | 278/53 | 634/77   | 167/47 | 17/13 |                |
| OLØW                        | 657,540   | 1,074 | 234 | SOU-MIX-HP | 73/28  | 107/35 | 182/59 | 642/82   | 65/26  | 5/4   |                |
| OK2QA                       | 609,875   | 1,003 | 205 | SOU-MIX-HP | 47/22  | 53/28  | 188/48 | 627/71   | 63/25  | 25/11 |                |
| OK1TNM                      | 12,280    | 163   | 40  | SOU-MIX-HP | 2/1    | 56/9   | 80/16  | 13/7     | 2/1    | 10/6  |                |
| OK1DOZ                      | 4,488     | 65    | 34  | SOU-MIX-LP | 0/0    | 17/8   | 1/1    | 24/11    | 19/11  | 4/3   |                |
| OK2ZW                       | 1,863     | 35    | 27  | SOU-MIX-LP | 0/0    | 0/0    | 9/6    | 15/11    | 3/3    | 8/7   |                |
| OK1ASG                      | 336       | 20    | 14  | SOU-MIX-LP | 2/1    | 2/1    | 2/1    | 4/3      | 8/7    | 2/1   |                |
| OK4RQ                       | 274,896   | 594   | 184 | SOU-CW-LP  | 1/1    | 53/33  | 111/41 | 324/58   | 83/35  | 22/16 |                |
| OK7T                        | 204,909   | 527   | 167 | SOU-CW-LP  | 27/23  | 143/34 | 80/29  | 218/53   | 54/23  | 5/5   | OK1FHI         |
| OK6K                        | 172,989   | 625   | 129 | SOU-CW-QRP | 13/11  | 97/28  | 184/30 | 236/32   | 79/20  | 16/8  | OK5IM          |
| OK2FD                       | 82,170    | 229   | 110 | SOU-CW-QRP | 1/1    | 3/3    | 51/30  | 129/46   | 33/21  | 12/9  |                |
| OK2AP                       | 53,760    | 350   | 56  | SOU-CW-QRP | 0/0    | 0/0    | 0/0    | 350/56   | 0/0    | 0/0   |                |
| OK7KW                       | 32,880    | 167   | 60  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 167/60   | 0/0    | 0/0   |                |
| OK2SG                       | 24,307    | 126   | 109 | SOU-CW-HP  | 6/6    | 13/12  | 29/24  | 53/43    | 18/18  | 7/6   |                |
| OK2HIJ                      | 1,500     | 43    | 25  | SOU-CW-QRP | 0/0    | 0/0    | 15/13  | 24/8     | 4/4    | 0/0   |                |
| OL7T                        | 1,128,120 | 1,726 | 238 | MSHP       | 60/22  | 100/32 | 379/51 | 814/69   | 317/45 | 56/19 | O2BXU, OK5ZZ   |
| OK1RDO                      | 2,146     | 51    | 29  | MSHP       | 1/1    | 20/6   | 15/10  | 12/9     | 1/1    | 2/2   | OK1HRD, OK1MPD |
|                             |           |       |     |            |        |        |        |          |        |       |                |
| Dodecanese                  |           |       |     |            |        |        |        |          |        |       |                |
| SV5/DL2VN                   | 544       | 26    | 16  | SO-MIX-LP  | 0/0    | 0/0    | 0/0    | 25/15    | 1/1    | 0/0   |                |
|                             |           |       |     |            |        |        |        |          |        |       |                |
| Federal Republic of Germany |           |       |     |            |        |        |        |          |        |       |                |
| DJ5MW                       | 2,496,780 | 2,903 | 286 | SO-MIX-HP  | 73/30  | 228/42 | 837/59 | 1,325/74 | 364/59 | 76/22 |                |
| DM6V                        | 2,308,272 | 2,516 | 304 | SO-MIX-HP  | 166/33 | 273/40 | 488/65 | 1,211/79 | 306/59 | 72/28 | DL5AXX         |
| DK9IP                       | 1,448,400 | 2,019 | 255 | SO-MIX-HP  | 41/23  | 179/33 | 567/53 | 895/71   | 261/50 | 76/25 |                |
| DL3RHN                      | 318,970   | 724   | 191 | SO-MIX-LP  | 57/25  | 118/30 | 150/41 | 270/53   | 97/27  | 32/15 |                |
| DL7ANR                      | 243,040   | 663   | 155 | SO-MIX-LP  | 0/0    | 107/33 | 128/35 | 306/52   | 89/22  | 33/13 |                |
| DL5AWI                      | 235,046   | 610   | 163 | SO-MIX-LP  | 33/18  | 116/32 | 90/30  | 306/53   | 33/16  | 32/14 |                |
| DK3WM                       | 226,582   | 528   | 193 | SO-MIX-LP  | 19/19  | 94/28  | 116/47 | 179/50   | 91/34  | 29/15 |                |
| DF5RF                       | 157,080   | 426   | 154 | SO-MIX-QRP | 15/14  | 40/25  | 64/31  | 192/39   | 83/32  | 32/13 |                |

|          |         |     |     |            |       |       |        |        |       |       |        |
|----------|---------|-----|-----|------------|-------|-------|--------|--------|-------|-------|--------|
| DL2SWR   | 142,091 | 456 | 151 | SO-MIX-LP  | 19/16 | 46/22 | 63/30  | 187/37 | 96/31 | 45/15 |        |
| DL1ZAX   | 85,330  | 378 | 115 | SO-MIX-LP  | 0/0   | 75/26 | 118/33 | 143/35 | 27/14 | 15/7  |        |
| DF5BX    | 71,955  | 345 | 117 | SO-MIX-HP  | 17/15 | 41/17 | 108/30 | 125/32 | 39/15 | 15/8  |        |
| DL4DRW   | 70,882  | 287 | 122 | SO-MIX-LP  | 15/14 | 39/20 | 38/22  | 144/41 | 30/15 | 21/10 |        |
| DR5ØDIG  | 67,378  | 321 | 118 | SO-MIX-LP  | 0/0   | 26/17 | 36/25  | 144/30 | 78/28 | 37/18 | DH1PAL |
| DL4JWU   | 61,712  | 313 | 116 | SO-MIX-LP  | 8/6   | 55/21 | 86/30  | 118/33 | 29/17 | 17/9  |        |
| DL4SZB   | 60,192  | 279 | 114 | SO-MIX-HP  | 10/9  | 28/19 | 54/28  | 122/33 | 58/19 | 7/6   |        |
| DL2ØIKT  | 50,611  | 263 | 107 | SO-MIX-LP  | 5/5   | 83/23 | 42/23  | 71/33  | 38/11 | 24/12 | DL8DXW |
| DK9BM    | 39,832  | 215 | 104 | SO-MIX-QRP | 0/0   | 26/20 | 37/25  | 101/30 | 35/20 | 16/9  |        |
| DL9NO    | 38,100  | 252 | 100 | SO-MIX-LP  | 0/0   | 30/17 | 66/27  | 86/24  | 47/19 | 23/13 |        |
| DLØVBG   | 37,168  | 194 | 92  | SO-MIX-LP  | 0/0   | 18/12 | 52/28  | 75/27  | 31/17 | 18/8  | DF5AN  |
| DL2AWA   | 35,904  | 233 | 102 | SO-MIX-LP  | 26/18 | 37/19 | 79/26  | 49/19  | 18/11 | 24/9  |        |
| DL1VJL   | 33,592  | 140 | 76  | SO-MIX-LP  | 0/0   | 0/0   | 58/29  | 59/33  | 12/7  | 11/7  |        |
| DL9SCO   | 32,340  | 193 | 60  | SO-MIX-HP  | 12/11 | 0/0   | 12/10  | 142/25 | 6/6   | 21/8  |        |
| DK3PM    | 32,175  | 183 | 99  | SO-MIX-LP  | 10/9  | 27/20 | 52/24  | 57/24  | 25/14 | 12/8  |        |
| DK1LRS   | 32,078  | 176 | 86  | SO-MIX-HP  | 19/14 | 32/15 | 45/23  | 70/24  | 8/8   | 2/2   |        |
| DL1BSN   | 31,458  | 165 | 98  | SO-MIX-HP  | 7/5   | 19/16 | 41/24  | 72/31  | 17/15 | 9/7   |        |
| DL4FDM   | 27,824  | 162 | 94  | SO-MIX-HP  | 4/3   | 20/13 | 41/25  | 63/32  | 14/8  | 20/13 |        |
| DL1LSW   | 27,306  | 185 | 74  | SO-MIX-LP  | 0/0   | 7/5   | 50/29  | 102/27 | 25/12 | 1/1   |        |
| DJ3GE    | 26,640  | 205 | 80  | SO-MIX-LP  | 0/0   | 0/0   | 62/23  | 35/16  | 47/23 | 61/18 |        |
| DL7VMM   | 26,244  | 177 | 81  | SO-MIX-LP  | 3/2   | 20/14 | 67/24  | 71/29  | 9/6   | 7/6   |        |
| DL6RBH   | 22,240  | 154 | 80  | SO-MIX-LP  | 12/10 | 10/7  | 37/18  | 65/25  | 16/11 | 14/9  |        |
| DF7XR    | 14,809  | 140 | 59  | SO-MIX-QRP | 0/0   | 0/0   | 31/18  | 53/17  | 43/16 | 13/8  |        |
| DL3ARK   | 13,552  | 109 | 77  | SO-MIX-HP  | 17/13 | 8/7   | 20/16  | 34/18  | 18/13 | 12/10 |        |
| DM2XM    | 12,532  | 119 | 52  | SO-MIX-LP  | 2/2   | 7/6   | 30/11  | 64/22  | 14/9  | 2/2   |        |
| DO9SR    | 11,883  | 144 | 51  | SO-MIX-LP  | 1/1   | 64/22 | 0/0    | 0/0    | 58/21 | 21/7  |        |
| DG7JB    | 11,774  | 113 | 58  | SO-MIX-HP  | 0/0   | 0/0   | 30/17  | 63/24  | 20/17 | 0/0   |        |
| DL1RIO/P | 11,407  | 120 | 61  | SO-MIX-LP  | 10/9  | 0/0   | 29/19  | 58/24  | 23/9  | 0/0   |        |
| DL1DQW   | 11,396  | 101 | 77  | SO-MIX-LP  | 0/0   | 13/9  | 34/24  | 29/25  | 17/12 | 8/7   |        |
| DL2BIS   | 11,275  | 134 | 55  | SO-MIX-QRP | 0/0   | 18/11 | 28/13  | 45/13  | 33/13 | 10/5  |        |
| DJ7OQ    | 10,726  | 105 | 62  | SO-MIX-HP  | 6/5   | 10/8  | 20/15  | 22/12  | 24/13 | 23/9  |        |
| DL3LJ    | 10,575  | 111 | 45  | SO-MIX-HP  | 0/0   | 0/0   | 87/35  | 0/0    | 0/0   | 24/10 |        |
| DL1KVN   | 10,098  | 109 | 51  | SO-MIX-LP  | 0/0   | 0/0   | 42/21  | 42/17  | 0/0   | 25/13 |        |
| DL5IF    | 9,604   | 102 | 49  | SO-MIX-LP  | 0/0   | 2/1   | 22/17  | 59/17  | 16/11 | 3/3   |        |
| DL6GBL   | 8,510   | 122 | 37  | SO-MIX-LP  | 0/0   | 0/0   | 122/37 | 0/0    | 0/0   | 0/0   |        |
| DB2AJ    | 8,208   | 86  | 57  | SO-MIX-LP  | 7/7   | 23/19 | 18/10  | 33/16  | 3/3   | 2/2   |        |
| DL6DVU   | 8,100   | 91  | 50  | SO-MIX-HP  | 2/1   | 1/1   | 32/21  | 41/19  | 11/5  | 4/3   |        |
| DO7JLF   | 7,740   | 93  | 43  | SO-MIX-LP  | 0/0   | 0/0   | 0/0    | 0/0    | 70/28 | 23/15 |        |
| DL2FK    | 7,504   | 86  | 56  | SO-MIX-LP  | 0/0   | 4/3   | 24/16  | 33/21  | 23/14 | 2/2   |        |
| DA3T     | 5,772   | 81  | 52  | SO-MIX-LP  | 2/1   | 19/14 | 20/13  | 26/14  | 9/6   | 5/4   |        |
| DL3APK   | 5,356   | 75  | 52  | SO-MIX-LP  | 2/1   | 14/13 | 28/18  | 22/13  | 3/2   | 6/5   |        |
| DL7VFM   | 5,190   | 91  | 30  | SO-MIX-LP  | 0/0   | 0/0   | 0/0    | 68/19  | 19/9  | 4/2   |        |
| DG2BAR   | 5,040   | 63  | 45  | SO-MIX-LP  | 2/2   | 6/4   | 24/16  | 11/9   | 12/8  | 8/6   |        |
| DM1JH    | 4,830   | 64  | 46  | SO-MIX-LP  | 0/0   | 2/2   | 12/11  | 33/18  | 11/9  | 6/6   |        |

|        |       |    |    |            |     |       |       |       |       |       |        |
|--------|-------|----|----|------------|-----|-------|-------|-------|-------|-------|--------|
| DL5DTG | 4,590 | 68 | 27 | SO-MIX-HP  | 2/1 | 2/1   | 2/1   | 35/14 | 24/8  | 3/2   |        |
| DH8WN  | 4,558 | 60 | 43 | SO-MIX-LP  | 2/1 | 14/12 | 14/10 | 9/8   | 15/7  | 6/5   |        |
| DL5TW  | 4,536 | 80 | 42 | SO-MIX-LP  | 0/0 | 17/8  | 18/12 | 12/7  | 17/7  | 16/8  |        |
| DK1OM  | 4,400 | 53 | 40 | SO-MIX-HP  | 3/2 | 9/8   | 13/9  | 19/15 | 5/4   | 4/2   |        |
| DL6FBK | 3,808 | 53 | 32 | SO-MIX-LP  | 9/9 | 25/17 | 0/0   | 17/5  | 2/1   | 0/0   |        |
| DK4REX | 3,774 | 59 | 37 | SO-MIX-LP  | 0/0 | 9/8   | 11/9  | 31/12 | 5/5   | 3/3   |        |
| DK8NI  | 3,735 | 63 | 45 | SO-MIX-LP  | 4/2 | 12/9  | 28/17 | 8/7   | 10/9  | 1/1   |        |
| DL6DBP | 3,526 | 57 | 43 | SO-MIX-LP  | 1/1 | 6/5   | 17/17 | 24/13 | 2/2   | 7/5   |        |
| DL2JST | 3,456 | 76 | 32 | SO-MIX-LP  | 0/0 | 3/3   | 51/19 | 19/7  | 3/3   | 0/0   |        |
| DL2RD  | 3,330 | 50 | 30 | SO-MIX-LP  | 0/0 | 0/0   | 2/1   | 22/17 | 2/2   | 24/10 |        |
| DL9ZWG | 3,040 | 59 | 38 | SO-MIX-LP  | 0/0 | 6/4   | 15/13 | 29/13 | 4/4   | 5/4   |        |
| DLØTUD | 2,838 | 50 | 33 | SO-MIX-HP  | 2/1 | 7/6   | 14/10 | 13/7  | 12/8  | 2/1   |        |
| DM3FAM | 2,442 | 53 | 37 | SO-MIX-QRP | 0/0 | 18/13 | 29/19 | 5/4   | 1/1   | 0/0   |        |
| DF6QE  | 2,407 | 39 | 29 | SO-MIX-LP  | 0/0 | 0/0   | 0/0   | 17/12 | 10/7  | 12/10 |        |
| DL1AQU | 1,740 | 38 | 30 | SO-MIX-QRP | 5/4 | 4/3   | 7/6   | 4/4   | 7/6   | 11/7  |        |
| DK2MB  | 1,677 | 45 | 39 | SO-MIX-LP  | 0/0 | 18/17 | 11/11 | 14/9  | 2/2   | 0/0   |        |
| DJ5TT  | 1,500 | 40 | 25 | SO-MIX-HP  | 0/0 | 0/0   | 40/25 | 0/0   | 0/0   | 0/0   |        |
| DL4DZL | 1,452 | 40 | 22 | SO-MIX-HP  | 2/1 | 2/1   | 27/14 | 5/4   | 2/1   | 2/1   |        |
| DO2FN  | 1,410 | 31 | 30 | SO-MIX-LP  | 3/3 | 13/13 | 0/0   | 0/0   | 13/12 | 2/2   |        |
| DB3LO  | 1,349 | 33 | 19 | SO-MIX-LP  | 2/1 | 7/5   | 5/4   | 12/4  | 4/3   | 3/2   |        |
| DL2VLA | 1,242 | 35 | 18 | SO-MIX-HP  | 2/1 | 5/4   | 2/1   | 21/9  | 3/2   | 2/1   |        |
| DL2HWI | 1,224 | 31 | 24 | SO-MIX-LP  | 2/1 | 2/1   | 6/5   | 6/4   | 10/9  | 5/4   |        |
| DL8ZAJ | 1,014 | 36 | 26 | SO-MIX-LP  | 2/1 | 2/1   | 8/7   | 7/6   | 6/4   | 11/7  |        |
| DO1TOM | 940   | 31 | 20 | SO-MIX-LP  | 0/0 | 31/20 | 0/0   | 0/0   | 0/0   | 0/0   |        |
| DK3RA  | 836   | 26 | 19 | SO-MIX-HP  | 2/1 | 2/1   | 2/1   | 10/8  | 5/4   | 5/4   |        |
| DK3WJ  | 792   | 33 | 24 | SO-MIX-LP  | 4/3 | 6/4   | 7/6   | 6/4   | 6/4   | 4/3   |        |
| DL2AMT | 468   | 24 | 12 | SO-MIX-LP  | 2/1 | 2/1   | 2/2   | 14/6  | 2/1   | 2/1   |        |
| DM2DXG | 442   | 22 | 13 | SO-MIX-LP  | 3/2 | 4/3   | 5/3   | 6/3   | 2/1   | 2/1   |        |
| DLØU   | 360   | 18 | 12 | SO-MIX-LP  | 2/1 | 2/1   | 2/1   | 8/7   | 2/1   | 2/1   | DF7RT  |
| DL2ZA  | 336   | 21 | 14 | SO-MIX-LP  | 5/4 | 2/1   | 2/1   | 8/6   | 2/1   | 2/1   |        |
| DG1VR  | 196   | 14 | 14 | SO-MIX-LP  | 0/0 | 0/0   | 11/11 | 3/3   | 0/0   | 0/0   |        |
| DFØCM  | 176   | 16 | 11 | SO-MIX-LP  | 2/1 | 2/1   | 2/1   | 7/6   | 1/1   | 2/1   | DL5RY  |
| DL4SEW | 152   | 12 | 8  | SO-MIX-LP  | 2/1 | 2/1   | 2/1   | 1/1   | 3/3   | 2/1   |        |
| DL3BVA | 112   | 10 | 8  | SO-MIX-QRP | 0/0 | 0/0   | 0/0   | 0/0   | 10/8  | 0/0   |        |
| DL6FKK | 84    | 9  | 7  | SO-MIX-LP  | 0/0 | 2/1   | 1/1   | 3/3   | 0/0   | 3/2   |        |
| DG3FFM | 72    | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1   | 2/1   | 2/1   | 2/1   |        |
| DL1AOB | 72    | 12 | 6  | SO-MIX-HP  | 2/1 | 2/1   | 2/1   | 2/1   | 2/1   | 2/1   |        |
| DM7M   | 72    | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1   | 2/1   | 2/1   | 2/1   | DL5JAN |
| DL8DXL | 70    | 10 | 7  | SO-MIX-LP  | 2/1 | 2/1   | 2/2   | 1/1   | 3/2   | 0/0   |        |
| DL2VVL | 66    | 11 | 6  | SO-MIX-HP  | 2/1 | 2/1   | 2/1   | 1/1   | 2/1   | 2/1   |        |
| DH8DR  | 54    | 10 | 6  | SO-MIX-LP  | 1/1 | 2/1   | 2/1   | 2/1   | 1/1   | 2/1   |        |
| DL1JHW | 48    | 8  | 6  | SO-MIX-LP  | 2/1 | 1/1   | 2/2   | 0/0   | 2/1   | 1/1   |        |
| DC1UH  | 0     | 0  | 0  | SO-MIX-LP  | 0/0 | 0/0   | 0/0   | 0/0   | 0/0   | 0/0   |        |
| DL3DUL | 0     | 0  | 0  | SO-MIX-LP  | 0/0 | 0/0   | 0/0   | 0/0   | 0/0   | 0/0   |        |

|        |         |     |     |           |       |       |        |        |       |       |       |
|--------|---------|-----|-----|-----------|-------|-------|--------|--------|-------|-------|-------|
| DM5B   | 126,616 | 437 | 133 | SO-PH-LP  | 0/0   | 74/27 | 88/33  | 180/41 | 79/21 | 16/11 |       |
| DD5AJ  | 107,271 | 365 | 137 | SO-PH-LP  | 1/1   | 28/20 | 68/35  | 186/42 | 56/24 | 26/15 |       |
| DF9OO  | 83,235  | 313 | 155 | SO-PH-HP  | 14/14 | 26/21 | 51/25  | 104/42 | 68/33 | 50/20 |       |
| DL5AWE | 77,616  | 310 | 132 | SO-PH-HP  | 10/10 | 32/25 | 67/30  | 150/39 | 44/21 | 7/7   |       |
| DG1IU  | 65,992  | 495 | 73  | SO-PH-HP  | 0/0   | 12/6  | 259/31 | 220/33 | 4/3   | 0/0   |       |
| DJ4DN  | 58,149  | 261 | 117 | SO-PH-LP  | 0/0   | 43/23 | 53/29  | 123/36 | 34/22 | 8/7   |       |
| DG5MLA | 57,584  | 250 | 118 | SO-PH-LP  | 10/10 | 29/20 | 38/23  | 125/35 | 39/23 | 9/7   |       |
| DF3TE  | 47,799  | 224 | 113 | SO-PH-LP  | 0/0   | 23/18 | 35/26  | 113/33 | 36/23 | 17/13 |       |
| DF1TB  | 43,920  | 197 | 122 | SO-PH-LP  | 15/14 | 34/23 | 50/30  | 53/32  | 20/12 | 25/11 |       |
| DB5ABS | 38,792  | 198 | 104 | SO-PH-LP  | 7/7   | 25/19 | 57/27  | 71/26  | 28/17 | 10/8  |       |
| DL8UV  | 37,312  | 213 | 106 | SO-PH-LP  | 10/10 | 21/16 | 50/25  | 57/22  | 45/18 | 30/15 |       |
| DH8LAW | 33,820  | 214 | 89  | SO-PH-HP  | 1/1   | 5/5   | 27/20  | 133/36 | 36/17 | 12/10 |       |
| DL2EI  | 33,235  | 211 | 85  | SO-PH-LP  | 2/2   | 14/13 | 45/23  | 103/27 | 38/14 | 9/6   |       |
| DL7AUO | 27,192  | 190 | 88  | SO-PH-LP  | 5/5   | 23/19 | 36/22  | 105/30 | 18/9  | 3/3   |       |
| DJ5KW  | 25,721  | 164 | 89  | SO-PH-LP  | 14/12 | 33/19 | 54/23  | 56/28  | 7/7   | 0/0   |       |
| DO1CS  | 25,428  | 167 | 78  | SO-PH-LP  | 7/7   | 38/22 | 0/0    | 0/0    | 96/34 | 26/15 |       |
| DL2GMI | 21,535  | 148 | 73  | SO-PH-LP  | 0/0   | 0/0   | 15/14  | 87/30  | 27/18 | 19/11 |       |
| DC1JAG | 21,450  | 151 | 75  | SO-PH-HP  | 0/0   | 28/19 | 55/30  | 67/25  | 1/1   | 0/0   |       |
| DK1WZ  | 20,160  | 153 | 72  | SO-PH-LP  | 1/1   | 2/2   | 22/18  | 85/26  | 33/17 | 10/8  |       |
| DH5WB  | 16,817  | 150 | 67  | SO-PH-LP  | 0/0   | 0/0   | 30/17  | 77/25  | 33/17 | 10/8  |       |
| DH9DX  | 16,250  | 136 | 65  | SO-PH-LP  | 2/2   | 6/6   | 28/20  | 81/23  | 15/11 | 4/3   |       |
| DL9GMN | 15,525  | 113 | 75  | SO-PH-LP  | 0/0   | 7/7   | 29/22  | 48/28  | 22/13 | 7/5   |       |
| DL1DF  | 15,265  | 129 | 71  | SO-PH-LP  | 0/0   | 15/12 | 36/18  | 48/20  | 18/12 | 12/9  |       |
| DF1IW  | 14,539  | 129 | 67  | SO-PH-LP  | 0/0   | 31/21 | 11/10  | 74/26  | 11/8  | 2/2   |       |
| DL5RU  | 14,400  | 145 | 45  | SO-PH-HP  | 0/0   | 0/0   | 145/45 | 0/0    | 0/0   | 0/0   |       |
| DL9HB  | 14,135  | 123 | 55  | SO-PH-LP  | 0/0   | 0/0   | 42/18  | 58/22  | 15/8  | 8/7   |       |
| DL1GH  | 12,648  | 125 | 51  | SO-PH-LP  | 0/0   | 0/0   | 47/18  | 67/23  | 8/7   | 3/3   |       |
| DL1EHG | 12,606  | 112 | 66  | SO-PH-LP  | 0/0   | 2/2   | 27/19  | 51/24  | 17/12 | 15/9  |       |
| DG1LS  | 10,812  | 105 | 68  | SO-PH-LP  | 0/0   | 10/10 | 19/17  | 51/25  | 11/9  | 14/7  |       |
| DL2LBK | 10,332  | 87  | 63  | SO-PH-LP  | 0/0   | 19/18 | 23/18  | 39/22  | 4/3   | 2/2   |       |
| DKØDI  | 10,120  | 77  | 46  | SO-PH-HP  | 0/0   | 21/15 | 9/8    | 42/20  | 5/3   | 0/0   | DG8WA |
| DHØGDS | 9,840   | 130 | 40  | SO-PH-LP  | 0/0   | 0/0   | 0/0    | 103/24 | 23/12 | 4/4   |       |
| DD7UW  | 9,519   | 106 | 57  | SO-PH-LP  | 2/2   | 5/5   | 41/21  | 47/18  | 4/4   | 7/7   |       |
| DG1EAD | 8,756   | 126 | 44  | SO-PH-LP  | 0/0   | 0/0   | 30/19  | 96/25  | 0/0   | 0/0   |       |
| DM3WK  | 8,084   | 97  | 47  | SO-PH-LP  | 0/0   | 0/0   | 18/14  | 54/18  | 21/12 | 4/3   |       |
| DL9OHA | 7,544   | 79  | 41  | SO-PH-LP  | 0/0   | 0/0   | 0/0    | 29/16  | 50/25 | 0/0   |       |
| DB4LI  | 7,065   | 71  | 45  | SO-PH-LP  | 0/0   | 0/0   | 0/0    | 36/23  | 26/14 | 9/8   |       |
| DK2EE  | 6,966   | 96  | 43  | SO-PH-LP  | 0/0   | 0/0   | 43/23  | 53/20  | 0/0   | 0/0   |       |
| DL4ZAA | 6,713   | 83  | 49  | SO-PH-LP  | 0/0   | 0/0   | 11/10  | 55/25  | 14/11 | 3/3   |       |
| DM4AB  | 6,534   | 78  | 54  | SO-PH-LP  | 0/0   | 15/13 | 35/22  | 20/12  | 8/7   | 0/0   |       |
| DO9YJ  | 5,920   | 84  | 37  | SO-PH-LP  | 0/0   | 4/4   | 0/0    | 0/0    | 58/23 | 22/10 |       |
| DL1TW  | 5,699   | 81  | 41  | SO-PH-LP  | 0/0   | 0/0   | 12/9   | 52/20  | 17/12 | 0/0   |       |
| DK1AUP | 5,082   | 58  | 42  | SO-PH-QRP | 1/1   | 4/4   | 19/16  | 32/19  | 2/2   | 0/0   |       |
| DO6NI  | 4,655   | 74  | 49  | SO-PH-LP  | 5/5   | 39/25 | 0/0    | 0/0    | 18/12 | 12/7  |       |

|        |         |       |     |           |        |        |        |        |        |       |       |
|--------|---------|-------|-----|-----------|--------|--------|--------|--------|--------|-------|-------|
| DM5SB  | 4,510   | 70    | 41  | SO-PH-LP  | 0/0    | 0/0    | 14/13  | 44/18  | 7/5    | 5/5   |       |
| DB1VQ  | 4,472   | 60    | 52  | SO-PH-LP  | 0/0    | 0/0    | 13/13  | 16/16  | 18/14  | 13/9  |       |
| DL6AUK | 4,032   | 59    | 42  | SO-PH-LP  | 0/0    | 9/8    | 23/18  | 27/16  | 0/0    | 0/0   |       |
| DO4MTB | 3,780   | 67    | 35  | SO-PH-LP  | 0/0    | 20/15  | 0/0    | 0/0    | 37/17  | 10/3  |       |
| DK1RU  | 3,772   | 59    | 41  | SO-PH-HP  | 0/0    | 0/0    | 13/10  | 15/10  | 21/12  | 10/9  |       |
| DL4JE  | 3,276   | 55    | 39  | SO-PH-LP  | 1/1    | 1/1    | 7/7    | 32/18  | 10/8   | 4/4   |       |
| DF5SK  | 3,219   | 63    | 37  | SO-PH-LP  | 0/0    | 0/0    | 40/22  | 23/15  | 0/0    | 0/0   |       |
| DL7FB  | 3,172   | 72    | 26  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 72/26  | 0/0    | 0/0   |       |
| DL9FB  | 3,108   | 48    | 37  | SO-PH-LP  | 0/0    | 1/1    | 15/15  | 14/8   | 14/9   | 4/4   |       |
| DO1HGS | 2,673   | 60    | 33  | SO-PH-LP  | 0/0    | 9/7    | 0/0    | 0/0    | 37/19  | 14/7  |       |
| DG1RPU | 2,550   | 46    | 34  | SO-PH-LP  | 0/0    | 11/11  | 0/0    | 26/15  | 7/6    | 2/2   |       |
| DF1TG  | 2,325   | 41    | 31  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 30/21  | 7/6    | 4/4   |       |
| DM2DLG | 1,943   | 46    | 29  | SO-PH-LP  | 0/0    | 2/2    | 22/16  | 21/10  | 1/1    | 0/0   |       |
| DK8TA  | 1,920   | 70    | 16  | SO-PH-QRP | 0/0    | 2/2    | 10/3   | 38/6   | 20/5   | 0/0   |       |
| DK7MCX | 1,675   | 37    | 25  | SO-PH-LP  | 0/0    | 0/0    | 11/10  | 22/13  | 4/2    | 0/0   |       |
| DL1JHI | 1,620   | 36    | 30  | SO-PH-QRP | 1/1    | 4/4    | 11/11  | 15/9   | 4/4    | 1/1   |       |
| DK9ZE  | 1,440   | 44    | 20  | SO-PH-LP  | 0/0    | 1/1    | 0/0    | 43/19  | 0/0    | 0/0   |       |
| DL2FBG | 1,430   | 38    | 22  | SO-PH-LP  | 0/0    | 1/1    | 1/1    | 19/9   | 5/3    | 12/8  |       |
| DL1JPF | 1,425   | 40    | 19  | SO-PH-LP  | 0/0    | 1/1    | 5/3    | 18/5   | 8/6    | 8/4   |       |
| DL4VCV | 1,122   | 38    | 22  | SO-PH-HP  | 0/0    | 0/0    | 0/0    | 38/22  | 0/0    | 0/0   |       |
| DL9HCO | 1,092   | 31    | 28  | SO-PH-LP  | 1/1    | 3/3    | 13/13  | 13/10  | 1/1    | 0/0   |       |
| DO4APM | 1,000   | 28    | 20  | SO-PH-LP  | 0/0    | 1/1    | 0/0    | 0/0    | 27/19  | 0/0   |       |
| DG4ACF | 944     | 32    | 16  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 32/16  | 0/0    | 0/0   |       |
| DO1KUB | 897     | 29    | 23  | SO-PH-LP  | 0/0    | 1/1    | 0/0    | 0/0    | 17/14  | 11/8  |       |
| DG1SR  | 798     | 32    | 19  | SO-PH-LP  | 0/0    | 0/0    | 15/10  | 17/9   | 0/0    | 0/0   |       |
| DD9JN  | 714     | 23    | 17  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 23/17  | 0/0    | 0/0   |       |
| DJ6DO  | 640     | 22    | 20  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 18/16  | 4/4    | 0/0   |       |
| DL2RZG | 625     | 25    | 25  | SO-PH-LP  | 6/6    | 8/8    | 7/7    | 1/1    | 1/1    | 2/2   |       |
| DB5FT  | 576     | 21    | 16  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 21/16  | 0/0    | 0/0   |       |
| DO5ZX  | 512     | 19    | 16  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 0/0    | 15/12  | 4/4   |       |
| DC2FD  | 390     | 20    | 10  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 20/10  | 0/0    | 0/0   |       |
| DK2KM  | 374     | 23    | 11  | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 0/0    | 0/0    | 23/11 |       |
| DK2AJ  | 345     | 17    | 15  | SO-PH-LP  | 0/0    | 1/1    | 8/8    | 4/3    | 3/2    | 1/1   |       |
| DO1HE  | 275     | 15    | 11  | SO-PH-LP  | 0/0    | 3/3    | 0/0    | 0/0    | 12/8   | 0/0   |       |
| DO8STA | 15      | 4     | 1   | SO-PH-LP  | 0/0    | 0/0    | 0/0    | 0/0    | 4/1    | 0/0   |       |
| DM8ANE | -2      | 1     | 1   | SO-PH-LP  | 0/0    | 0/0    | 1/1    | 0/0    | 0/0    | 0/0   |       |
| DLØJR  | 856,992 | 1,329 | 226 | SO-CW-HP  | 101/32 | 234/40 | 244/42 | 529/58 | 159/31 | 62/23 | DL7ON |
| DK3GI  | 704,750 | 931   | 250 | SO-CW-HP  | 42/26  | 111/41 | 147/44 | 369/66 | 207/48 | 55/25 |       |
| DL6BBT | 616,818 | 1,012 | 223 | SO-CW-HP  | 54/25  | 122/41 | 262/47 | 391/56 | 121/32 | 62/22 |       |
| DL1CW  | 409,675 | 1,019 | 175 | SO-CW-LP  | 1/1    | 232/37 | 234/44 | 390/49 | 122/27 | 40/17 |       |
| DM3ZM  | 334,169 | 748   | 187 | SO-CW-LP  | 3/2    | 165/39 | 202/46 | 262/54 | 79/29  | 37/17 |       |
| DJ2RG  | 328,692 | 651   | 196 | SO-CW-QRP | 0/0    | 110/41 | 206/50 | 218/54 | 75/29  | 42/22 |       |
| DJØSP  | 294,372 | 757   | 156 | SO-CW-HP  | 10/10  | 130/26 | 313/46 | 234/42 | 52/20  | 18/12 |       |
| DL6UD  | 284,230 | 533   | 215 | SO-CW-LP  | 42/24  | 59/31  | 122/44 | 175/51 | 89/42  | 46/23 |       |

|        |         |     |     |           |       |        |        |        |        |       |        |
|--------|---------|-----|-----|-----------|-------|--------|--------|--------|--------|-------|--------|
| DL3JAN | 273,504 | 753 | 148 | SO-CW-LP  | 0/0   | 17/13  | 120/32 | 376/48 | 175/35 | 65/20 |        |
| DL9ZP  | 267,273 | 711 | 171 | SO-CW-LP  | 30/22 | 92/28  | 135/30 | 257/45 | 145/28 | 52/18 |        |
| DL5KUD | 200,928 | 502 | 156 | SO-CW-LP  | 8/8   | 26/23  | 120/36 | 251/56 | 73/23  | 24/10 |        |
| DL5YL  | 187,040 | 611 | 140 | SO-CW-LP  | 19/10 | 116/29 | 126/30 | 242/35 | 85/23  | 23/13 |        |
| DJ6OZ  | 172,380 | 497 | 156 | SO-CW-LP  | 17/17 | 31/24  | 64/31  | 259/44 | 89/25  | 37/15 |        |
| DL8TG  | 171,720 | 504 | 162 | SO-CW-LP  | 15/15 | 46/26  | 98/31  | 239/51 | 81/24  | 25/15 |        |
| DL5JAN | 166,320 | 452 | 154 | SO-CW-LP  | 8/7   | 51/28  | 106/37 | 172/38 | 80/31  | 35/13 |        |
| DJ3XA  | 153,718 | 452 | 151 | SO-CW-LP  | 15/13 | 85/29  | 122/44 | 161/38 | 63/22  | 6/5   |        |
| DD7NT  | 153,408 | 452 | 136 | SO-CW-HP  | 0/0   | 47/20  | 95/31  | 241/51 | 59/25  | 10/9  |        |
| DL3DQL | 151,476 | 409 | 156 | SO-CW-LP  | 32/23 | 86/31  | 89/37  | 136/38 | 54/19  | 12/8  |        |
| DL4YR  | 142,740 | 439 | 156 | SO-CW-LP  | 19/17 | 48/23  | 129/32 | 156/40 | 52/28  | 35/16 |        |
| DL4DZ  | 136,563 | 393 | 147 | SO-CW-LP  | 27/20 | 66/24  | 78/31  | 138/34 | 56/22  | 28/16 |        |
| DM3CW  | 132,834 | 373 | 131 | SO-CW-LP  | 0/0   | 67/30  | 73/27  | 173/46 | 30/13  | 30/15 |        |
| DL4XU  | 126,504 | 435 | 126 | SO-CW-LP  | 0/0   | 38/21  | 87/32  | 205/41 | 85/21  | 20/11 |        |
| DM6WAN | 126,440 | 462 | 116 | SO-CW-LP  | 0/0   | 40/21  | 152/33 | 232/42 | 17/8   | 21/12 |        |
| DJ3WE  | 111,930 | 394 | 130 | SO-CW-HP  | 38/22 | 72/19  | 128/31 | 111/31 | 32/17  | 13/10 |        |
| DG7EE  | 110,124 | 391 | 138 | SO-CW-LP  | 18/18 | 84/28  | 100/32 | 100/28 | 82/26  | 7/6   |        |
| DL5CL  | 101,706 | 370 | 134 | SO-CW-LP  | 11/11 | 36/24  | 111/35 | 111/32 | 73/19  | 28/13 |        |
| DM2DZM | 98,600  | 417 | 116 | SO-CW-QRP | 0/0   | 107/33 | 169/38 | 121/33 | 20/12  | 0/0   |        |
| DL9LM  | 95,256  | 411 | 98  | SO-CW-LP  | 0/0   | 0/0    | 45/16  | 276/53 | 73/21  | 17/8  |        |
| DL4ZA  | 95,202  | 364 | 129 | SO-CW-LP  | 34/12 | 71/24  | 108/23 | 105/37 | 29/19  | 17/14 |        |
| DF1DT  | 90,970  | 395 | 110 | SO-CW-LP  | 0/0   | 53/21  | 68/25  | 209/39 | 56/17  | 9/8   |        |
| DF1DX  | 84,992  | 299 | 128 | SO-CW-QRP | 16/14 | 28/18  | 69/28  | 118/31 | 50/27  | 18/10 |        |
| DJ8RS  | 78,810  | 263 | 111 | SO-CW-HP  | 0/0   | 10/10  | 62/28  | 124/45 | 40/17  | 27/11 |        |
| DL3KWF | 73,427  | 347 | 101 | SO-CW-LP  | 0/0   | 80/34  | 150/38 | 97/20  | 20/9   | 0/0   |        |
| DGØKS  | 67,915  | 360 | 85  | SO-CW-HP  | 0/0   | 0/0    | 86/27  | 244/40 | 3/3    | 27/15 |        |
| DL3HQN | 62,469  | 311 | 99  | SO-CW-QRP | 4/4   | 16/12  | 75/25  | 148/27 | 47/19  | 21/12 |        |
| DL1THB | 56,948  | 311 | 92  | SO-CW-LP  | 0/0   | 23/16  | 74/25  | 134/29 | 62/15  | 18/7  |        |
| DL1RTS | 56,875  | 294 | 91  | SO-CW-LP  | 2/2   | 35/20  | 103/27 | 125/29 | 29/13  | 0/0   |        |
| DL2F   | 53,884  | 382 | 76  | SO-CW-LP  | 0/0   | 19/12  | 122/23 | 177/19 | 50/15  | 14/7  | DL2FDL |
| DL1HTB | 49,396  | 252 | 106 | SO-CW-QRP | 1/1   | 32/19  | 65/27  | 103/31 | 38/19  | 13/9  |        |
| DL9ZOG | 49,039  | 275 | 89  | SO-CW-LP  | 0/0   | 37/21  | 78/19  | 102/24 | 43/16  | 15/9  |        |
| DL3DRN | 45,815  | 233 | 85  | SO-CW-LP  | 3/3   | 21/11  | 44/17  | 98/24  | 33/18  | 34/12 |        |
| DJ7WG  | 45,686  | 200 | 106 | SO-CW-LP  | 0/0   | 26/21  | 40/27  | 97/37  | 25/13  | 12/8  |        |
| DL2IC  | 45,540  | 279 | 66  | SO-CW-LP  | 0/0   | 0/0    | 0/0    | 183/44 | 96/22  | 0/0   |        |
| DL3KWR | 44,772  | 245 | 91  | SO-CW-LP  | 10/5  | 86/30  | 51/25  | 93/26  | 5/5    | 0/0   |        |
| DFØTU  | 44,086  | 229 | 94  | SO-CW-LP  | 30/18 | 41/18  | 28/16  | 52/18  | 63/17  | 15/7  | DM4EE  |
| DJ9SN  | 40,788  | 189 | 99  | SO-CW-LP  | 10/10 | 31/10  | 31/21  | 80/28  | 27/20  | 10/10 |        |
| DL2TM  | 35,520  | 260 | 64  | SO-CW-QRP | 0/0   | 0/0    | 90/23  | 138/25 | 23/10  | 9/6   |        |
| DL9GMC | 34,500  | 237 | 69  | SO-CW-LP  | 0/0   | 4/4    | 67/25  | 119/26 | 43/10  | 4/4   |        |
| DK3AX  | 33,528  | 184 | 88  | SO-CW-HP  | 0/0   | 7/7    | 25/21  | 95/28  | 42/22  | 15/10 |        |
| DK5ZX  | 31,350  | 241 | 66  | SO-CW-LP  | 0/0   | 0/0    | 36/18  | 163/29 | 30/11  | 12/8  |        |
| DF7CB  | 29,103  | 195 | 89  | SO-CW-LP  | 1/1   | 31/16  | 33/21  | 58/23  | 48/19  | 24/9  |        |
| DL1EJM | 25,957  | 140 | 101 | SO-CW-LP  | 0/0   | 27/22  | 34/25  | 43/28  | 30/21  | 6/5   |        |

|        |         |       |     |             |       |        |        |        |        |       |        |
|--------|---------|-------|-----|-------------|-------|--------|--------|--------|--------|-------|--------|
| DL9MFY | 22,176  | 148   | 66  | SO-CW-LP    | 0/0   | 0/0    | 10/9   | 73/27  | 45/18  | 20/12 |        |
| DK3CC  | 20,232  | 167   | 72  | SO-CW-LP    | 0/0   | 7/7    | 37/23  | 48/15  | 58/19  | 17/8  |        |
| DJØYI  | 20,130  | 158   | 66  | SO-CW-LP    | 0/0   | 0/0    | 75/33  | 79/29  | 4/4    | 0/0   |        |
| DJ7UC  | 19,272  | 142   | 44  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 136/39 | 6/5    | 0/0   |        |
| DF6RI  | 17,056  | 125   | 52  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 90/30  | 35/22  | 0/0   |        |
| DJ9BM  | 16,568  | 130   | 76  | SO-CW-LP    | 0/0   | 26/20  | 41/24  | 49/22  | 6/5    | 8/5   |        |
| DL5QS  | 16,430  | 151   | 62  | SO-CW-HP    | 0/0   | 14/10  | 15/10  | 88/26  | 24/11  | 10/5  |        |
| DL8BV  | 16,236  | 156   | 41  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 156/41 | 0/0    | 0/0   |        |
| DLØGEO | 13,780  | 140   | 65  | SO-CW-LP    | 0/0   | 29/17  | 43/18  | 44/17  | 22/12  | 2/1   | DL2YAK |
| DK3YD  | 10,488  | 98    | 46  | SO-CW-LP    | 0/0   | 0/0    | 19/15  | 65/18  | 11/10  | 3/3   |        |
| DB8AH  | 9,152   | 115   | 52  | SO-CW-LP    | 0/0   | 6/6    | 26/18  | 76/22  | 7/6    | 0/0   |        |
| DL7GEM | 9,126   | 71    | 39  | SO-CW-LP    | 0/0   | 0/0    | 34/23  | 33/12  | 4/4    | 0/0   |        |
| DH2URF | 8,568   | 80    | 63  | SO-CW-LP    | 0/0   | 0/0    | 39/27  | 24/21  | 10/8   | 7/7   |        |
| DK1VD  | 8,378   | 92    | 59  | SO-CW-QRP   | 10/9  | 12/11  | 20/13  | 28/13  | 18/9   | 4/4   |        |
| DL3HRZ | 7,913   | 72    | 41  | SO-CW-LP    | 0/0   | 5/3    | 55/29  | 0/0    | 11/8   | 1/1   |        |
| DO2MS  | 6,264   | 83    | 54  | SO-CW-LP    | 21/16 | 24/15  | 0/0    | 0/0    | 28/16  | 10/7  |        |
| DK2AMS | 5,146   | 78    | 31  | SO-CW-LP    | 0/0   | 7/4    | 22/9   | 43/13  | 5/4    | 1/1   |        |
| DH8MS  | 5,076   | 77    | 47  | SO-CW-LP    | 4/4   | 16/14  | 9/9    | 5/5    | 42/14  | 1/1   |        |
| DL1HZM | 4,935   | 57    | 35  | SO-CW-LP    | 0/0   | 0/0    | 17/15  | 40/20  | 0/0    | 0/0   |        |
| DL1EJD | 4,872   | 76    | 42  | SO-CW-LP    | 0/0   | 0/0    | 23/19  | 44/17  | 9/6    | 0/0   |        |
| DL5CC  | 4,828   | 63    | 34  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 53/29  | 8/3    | 2/2   |        |
| DK7GH  | 4,100   | 54    | 50  | SO-CW-LP    | 14/14 | 17/16  | 0/0    | 0/0    | 11/10  | 12/10 |        |
| DF4WO  | 3,128   | 62    | 34  | SO-CW-LP    | 0/0   | 5/5    | 24/12  | 19/9   | 7/2    | 7/6   |        |
| DK9MH  | 2,340   | 36    | 26  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 15/8   | 16/13  | 5/5   |        |
| DL8UKW | 2,337   | 48    | 19  | SO-CW-LP    | 0/0   | 0/0    | 48/19  | 0/0    | 0/0    | 0/0   |        |
| DK7OG  | 1,316   | 35    | 28  | SO-CW-QRP   | 0/0   | 0/0    | 20/17  | 12/8   | 3/3    | 0/0   |        |
| DF3OL  | 1,080   | 40    | 15  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 40/15 |        |
| DL1ALN | 920     | 36    | 20  | SO-CW-LP    | 0/0   | 17/6   | 13/8   | 3/3    | 3/3    | 0/0   |        |
| DL6OAA | 920     | 31    | 20  | SO-CW-LP    | 0/0   | 6/6    | 14/10  | 11/4   | 0/0    | 0/0   |        |
| DL9MWG | 867     | 27    | 17  | SO-CW-LP    | 0/0   | 2/2    | 9/8    | 16/7   | 0/0    | 0/0   |        |
| DL6MWG | 864     | 42    | 16  | SO-CW-QRP   | 0/0   | 0/0    | 0/0    | 0/0    | 32/13  | 10/3  |        |
| DL1NKB | 644     | 29    | 14  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 29/14  | 0/0    | 0/0   |        |
| DLØPHG | 372     | 17    | 12  | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 9/4    | 5/5    | 3/3   | DC2IP  |
| DL5MY  | 108     | 12    | 4   | SO-CW-QRP   | 0/0   | 0/0    | 0/0    | 12/4   | 0/0    | 0/0   |        |
| DG3SBM | 1       | 2     | 1   | SO-CW-QRP   | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 2/1   |        |
| DL5LYM | 758,664 | 815   | 328 | SOU-MIX-HP  | 45/35 | 164/54 | 128/63 | 255/81 | 175/65 | 48/30 |        |
| DL5JS  | 757,945 | 1,327 | 241 | SOU-MIX-HP  | 1/1   | 211/42 | 380/57 | 509/73 | 159/44 | 67/24 |        |
| DK3WE  | 720,434 | 1,185 | 242 | SOU-MIX-QRP | 52/26 | 174/42 | 363/54 | 455/69 | 103/35 | 38/16 |        |
| DP8M   | 534,303 | 843   | 257 | SOU-MIX-HP  | 49/30 | 128/44 | 162/49 | 275/63 | 157/46 | 72/25 | DL6NDW |
| DL1NKS | 458,163 | 981   | 213 | SOU-MIX-HP  | 62/26 | 90/29  | 277/47 | 370/52 | 128/39 | 54/20 |        |
| DJØIF  | 355,234 | 605   | 241 | SOU-MIX-HP  | 27/25 | 138/46 | 119/48 | 204/67 | 80/36  | 37/19 |        |
| DF4U   | 273,402 | 743   | 183 | SOU-MIX-LP  | 41/23 | 93/29  | 173/40 | 228/45 | 154/29 | 54/17 | DL1OD  |
| DJ5AN  | 266,526 | 483   | 234 | SOU-MIX-HP  | 51/31 | 100/46 | 74/43  | 148/59 | 87/42  | 23/13 |        |
| DK2AT  | 182,115 | 529   | 171 | SOU-MIX-HP  | 46/21 | 57/25  | 97/31  | 183/46 | 105/32 | 41/16 |        |

|         |         |     |     |            |       |        |        |        |        |       |        |
|---------|---------|-----|-----|------------|-------|--------|--------|--------|--------|-------|--------|
| DL1ARJ  | 159,390 | 485 | 161 | SOU-MIX-LP | 7/6   | 157/36 | 88/34  | 142/48 | 69/23  | 22/14 |        |
| DK5D    | 130,468 | 339 | 169 | SOU-MIX-LP | 0/0   | 35/23  | 45/30  | 147/61 | 72/33  | 40/22 |        |
| DL6MIG  | 118,696 | 346 | 148 | SOU-MIX-HP | 21/15 | 33/18  | 37/20  | 194/60 | 51/27  | 10/8  |        |
| DM3PKK  | 110,490 | 362 | 127 | SOU-MIX-LP | 5/4   | 23/17  | 81/34  | 187/43 | 50/18  | 16/11 |        |
| DK3BK   | 108,936 | 356 | 102 | SOU-MIX-HP | 24/11 | 17/7   | 41/17  | 225/45 | 28/13  | 21/9  |        |
| DL8DWW  | 99,225  | 266 | 147 | SOU-MIX-LP | 2/1   | 32/28  | 53/37  | 130/50 | 47/30  | 2/1   |        |
| DJ2QV   | 94,976  | 325 | 112 | SOU-MIX-HP | 2/2   | 32/14  | 11/9   | 192/47 | 65/26  | 23/14 |        |
| DG7NFX  | 90,860  | 402 | 110 | SOU-MIX-HP | 0/0   | 0/0    | 90/27  | 156/39 | 102/25 | 54/19 |        |
| DL1DTL  | 80,208  | 411 | 72  | SOU-MIX-HP | 4/3   | 6/4    | 63/13  | 242/27 | 79/19  | 17/6  |        |
| DJ3RA   | 77,691  | 249 | 141 | SOU-MIX-LP | 25/20 | 39/27  | 43/32  | 71/29  | 50/22  | 21/11 |        |
| DAØDX   | 72,618  | 357 | 114 | SOU-MIX-LP | 24/17 | 100/23 | 96/28  | 129/39 | 1/1    | 7/6   | DL2DCX |
| DL5ASK  | 69,930  | 266 | 90  | SOU-MIX-HP | 0/0   | 0/0    | 44/28  | 178/43 | 41/16  | 3/3   |        |
| DG5E    | 68,796  | 215 | 147 | SOU-MIX-HP | 10/9  | 19/18  | 48/34  | 86/51  | 27/21  | 25/14 | DK2CX  |
| DL5ST   | 64,460  | 306 | 110 | SOU-MIX-HP | 4/2   | 20/13  | 66/26  | 101/33 | 75/21  | 40/15 |        |
| DL2LRT  | 64,200  | 234 | 120 | SOU-MIX-LP | 2/1   | 19/15  | 70/34  | 89/44  | 46/21  | 8/5   |        |
| DF8TY   | 63,240  | 249 | 93  | SOU-MIX-LP | 17/12 | 3/3    | 117/32 | 75/27  | 6/6    | 31/13 |        |
| DJ2YA   | 55,568  | 191 | 151 | SOU-MIX-HP | 37/25 | 29/26  | 33/27  | 40/34  | 33/24  | 19/15 |        |
| DL7UXG  | 55,539  | 315 | 99  | SOU-MIX-LP | 3/2   | 8/6    | 80/25  | 141/38 | 62/19  | 21/9  |        |
| DL1MGB  | 55,328  | 198 | 76  | SOU-MIX-HP | 11/7  | 10/8   | 42/17  | 93/27  | 20/12  | 22/5  |        |
| DF6QV   | 43,778  | 216 | 106 | SOU-MIX-HP | 35/25 | 54/32  | 101/34 | 26/15  | 0/0    | 0/0   |        |
| DO5JD   | 35,066  | 237 | 89  | SOU-MIX-LP | 30/20 | 71/29  | 0/0    | 0/0    | 90/23  | 46/17 |        |
| DL1JGO  | 34,689  | 202 | 93  | SOU-MIX-HP | 0/0   | 11/10  | 36/18  | 89/32  | 54/27  | 12/6  |        |
| DF5AU   | 28,363  | 124 | 113 | SOU-MIX-HP | 11/10 | 17/16  | 29/28  | 31/30  | 26/20  | 10/9  |        |
| DJ2BC   | 27,531  | 132 | 69  | SOU-MIX-HP | 2/1   | 2/1    | 2/1    | 75/32  | 34/23  | 17/11 |        |
| DL3AMI  | 26,133  | 157 | 93  | SOU-MIX-HP | 3/2   | 16/13  | 27/20  | 56/30  | 37/16  | 18/12 |        |
| DL1SO   | 26,112  | 197 | 68  | SOU-MIX-LP | 0/0   | 0/0    | 51/24  | 122/30 | 21/11  | 3/3   |        |
| DG7RO   | 23,500  | 125 | 100 | SOU-MIX-LP | 4/4   | 26/23  | 29/25  | 51/33  | 13/13  | 2/2   |        |
| DL1SL   | 21,918  | 157 | 78  | SOU-MIX-LP | 0/0   | 11/10  | 46/22  | 49/19  | 33/16  | 18/11 |        |
| DK8AX   | 21,535  | 113 | 73  | SOU-MIX-HP | 6/3   | 2/1    | 20/15  | 59/33  | 20/16  | 6/5   |        |
| DF2AJ   | 20,075  | 134 | 73  | SOU-MIX-LP | 0/0   | 18/12  | 6/3    | 18/12  | 59/30  | 33/16 |        |
| DL7CX   | 19,440  | 136 | 48  | SOU-MIX-HP | 2/1   | 9/6    | 43/21  | 78/18  | 2/1    | 2/1   |        |
| DL8WAA  | 19,000  | 225 | 40  | SOU-MIX-LP | 0/0   | 0/0    | 225/40 | 0/0    | 0/0    | 0/0   |        |
| DJ1AA   | 15,904  | 136 | 112 | SOU-MIX-HP | 20/19 | 25/24  | 29/27  | 32/23  | 21/13  | 9/6   |        |
| DL5ØNFA | 14,310  | 140 | 53  | SOU-MIX-HP | 0/0   | 0/0    | 0/0    | 72/22  | 43/18  | 25/13 | DC3RJ  |
| DL7YS   | 13,696  | 133 | 64  | SOU-MIX-LP | 6/6   | 16/13  | 68/21  | 26/14  | 10/6   | 7/4   |        |
| DM3VL   | 12,936  | 80  | 49  | SOU-MIX-HP | 8/7   | 8/7    | 40/19  | 20/14  | 2/1    | 2/1   |        |
| DKØAE   | 12,402  | 112 | 78  | SOU-MIX-HP | 2/1   | 14/9   | 27/19  | 50/36  | 16/11  | 3/2   | DJ1AA  |
| DJ8OG   | 11,520  | 99  | 72  | SOU-MIX-LP | 7/6   | 14/11  | 33/24  | 18/14  | 16/9   | 11/8  |        |
| DL1NEO  | 11,172  | 87  | 76  | SOU-MIX-HP | 2/1   | 2/1    | 15/14  | 29/26  | 28/25  | 11/9  |        |
| DJ1AUS  | 10,650  | 98  | 50  | SOU-MIX-LP | 0/0   | 0/0    | 36/23  | 62/27  | 0/0    | 0/0   |        |
| DL6JZ   | 10,360  | 93  | 70  | SOU-MIX-HP | 2/1   | 14/12  | 24/19  | 32/21  | 14/12  | 7/5   |        |
| DM9EE   | 8,856   | 79  | 41  | SOU-MIX-HP | 0/0   | 7/6    | 49/19  | 15/8   | 4/4    | 4/4   |        |
| DL1HUH  | 8,840   | 90  | 68  | SOU-MIX-LP | 24/14 | 12/9   | 23/18  | 16/14  | 9/8    | 6/5   |        |
| DL2TOS  | 8,320   | 81  | 52  | SOU-MIX-HP | 12/10 | 2/1    | 3/2    | 17/9   | 25/17  | 22/13 |        |

|        |         |     |     |             |       |        |        |        |        |       |        |
|--------|---------|-----|-----|-------------|-------|--------|--------|--------|--------|-------|--------|
| DL1DBR | 8,056   | 85  | 53  | SOU-MIX-HP  | 2/2   | 6/5    | 22/16  | 37/17  | 4/4    | 14/9  |        |
| DC8TT  | 7,803   | 92  | 51  | SOU-MIX-LP  | 0/0   | 25/18  | 56/23  | 11/10  | 0/0    | 0/0   |        |
| DF2DR  | 7,371   | 99  | 39  | SOU-MIX-LP  | 0/0   | 0/0    | 0/0    | 45/15  | 21/11  | 33/13 |        |
| DL1DSW | 4,896   | 51  | 34  | SOU-MIX-LP  | 3/2   | 2/1    | 2/1    | 30/19  | 11/9   | 3/2   |        |
| DL7UPN | 3,672   | 59  | 34  | SOU-MIX-HP  | 2/1   | 2/1    | 6/5    | 30/12  | 15/12  | 4/3   |        |
| DL9JON | 3,120   | 50  | 30  | SOU-MIX-HP  | 6/5   | 2/1    | 11/8   | 13/8   | 10/5   | 8/3   |        |
| DL1ONI | 2,835   | 45  | 45  | SOU-MIX-LP  | 1/1   | 10/10  | 11/11  | 11/11  | 7/7    | 5/5   |        |
| DF4XF  | 2,470   | 48  | 26  | SOU-MIX-LP  | 2/1   | 2/1    | 19/13  | 19/7   | 3/2    | 3/2   |        |
| DK5DQ  | 2,400   | 63  | 20  | SOU-MIX-LP  | 2/1   | 13/6   | 40/8   | 4/3    | 2/1    | 2/1   |        |
| DM2BPG | 2,385   | 55  | 45  | SOU-MIX-LP  | 8/6   | 16/13  | 14/12  | 9/9    | 5/3    | 3/2   |        |
| DF3VM  | 2,261   | 60  | 19  | SOU-MIX-HP  | 2/1   | 47/12  | 5/3    | 2/1    | 2/1    | 2/1   |        |
| DJ1TO  | 2,184   | 51  | 39  | SOU-MIX-HP  | 0/0   | 6/5    | 32/21  | 7/7    | 3/3    | 3/3   |        |
| DK2CX  | 2,142   | 45  | 34  | SOU-MIX-HP  | 4/3   | 18/15  | 14/11  | 4/2    | 3/2    | 2/1   |        |
| DL2RUM | 1,960   | 36  | 28  | SOU-MIX-HP  | 2/1   | 4/3    | 3/2    | 12/9   | 10/8   | 5/5   |        |
| DR6J   | 1,904   | 34  | 28  | SOU-MIX-HP  | 7/6   | 2/1    | 2/1    | 10/9   | 11/10  | 2/1   |        |
| DL4IAZ | 1,886   | 48  | 41  | SOU-MIX-LP  | 0/0   | 11/9   | 20/15  | 9/9    | 5/5    | 3/3   |        |
| DL4HMS | 1,872   | 40  | 36  | SOU-MIX-LP  | 0/0   | 1/1    | 13/11  | 15/13  | 8/8    | 3/3   |        |
| DL2HRT | 1,292   | 35  | 19  | SOU-MIX-LP  | 0/0   | 1/1    | 1/1    | 28/14  | 3/2    | 2/1   |        |
| DM3ZF  | 1,000   | 33  | 20  | SOU-MIX-LP  | 2/1   | 2/1    | 7/5    | 15/8   | 5/4    | 2/1   |        |
| DF3SS  | 841     | 34  | 29  | SOU-MIX-HP  | 9/9   | 3/2    | 14/12  | 2/2    | 4/3    | 2/1   |        |
| DK5TX  | 720     | 27  | 18  | SOU-MIX-LP  | 0/0   | 0/0    | 16/11  | 11/7   | 0/0    | 0/0   |        |
| DL2GPK | 702     | 31  | 27  | SOU-MIX-LP  | 6/6   | 6/5    | 6/6    | 9/6    | 3/3    | 1/1   |        |
| DL9NEI | 693     | 35  | 11  | SOU-MIX-LP  | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 35/11 |        |
| DL8MF  | 656     | 19  | 16  | SOU-MIX-QRP | 0/0   | 2/1    | 5/3    | 1/1    | 5/5    | 6/6   |        |
| DO7CX  | 576     | 26  | 12  | SOU-MIX-LP  | 3/2   | 2/1    | 0/0    | 0/0    | 19/8   | 2/1   |        |
| DL1AMQ | 210     | 16  | 10  | SOU-MIX-LP  | 2/1   | 2/1    | 2/1    | 6/5    | 2/1    | 2/1   |        |
| DL7URB | 204     | 17  | 12  | SOU-MIX-LP  | 2/1   | 3/2    | 5/4    | 2/2    | 3/2    | 2/1   |        |
| DLØKHZ | 196     | 16  | 14  | SOU-MIX-LP  | 0/0   | 6/5    | 6/5    | 1/1    | 2/2    | 1/1   |        |
| DKØOVL | 72      | 12  | 6   | SOU-MIX-HP  | 2/1   | 2/1    | 2/1    | 2/1    | 2/1    | 2/1   |        |
| DM7C   | 66      | 11  | 6   | SOU-MIX-QRP | 2/1   | 2/1    | 2/1    | 1/1    | 2/1    | 2/1   |        |
| DJ3JD  | 60      | 10  | 6   | SOU-MIX-LP  | 2/1   | 2/1    | 0/0    | 2/2    | 2/1    | 2/1   |        |
| DF2F   | 479,304 | 990 | 216 | SOU-PH-HP   | 0/0   | 175/36 | 159/51 | 538/75 | 90/36  | 28/18 | DF2SD  |
| DL4VAI | 259,578 | 555 | 209 | SOU-PH-LP   | 16/15 | 48/27  | 122/41 | 223/61 | 104/41 | 42/24 |        |
| DL1MHJ | 148,204 | 379 | 158 | SOU-PH-LP   | 7/7   | 30/23  | 42/29  | 198/52 | 76/34  | 26/13 |        |
| DL2DQL | 129,048 | 399 | 152 | SOU-PH-HP   | 0/0   | 43/26  | 74/38  | 175/48 | 86/28  | 21/12 |        |
| DK4VW  | 88,425  | 332 | 131 | SOU-PH-HP   | 0/0   | 21/18  | 60/28  | 163/41 | 61/25  | 27/19 |        |
| DKØAN  | 82,718  | 310 | 118 | SOU-PH-HP   | 0/0   | 30/25  | 19/19  | 233/51 | 19/17  | 9/6   | DG2FDE |
| DL1AX  | 61,952  | 253 | 121 | SOU-PH-LP   | 3/3   | 25/18  | 51/28  | 72/29  | 75/32  | 27/11 |        |
| DK4WK  | 48,160  | 223 | 112 | SOU-PH-LP   | 8/8   | 27/21  | 52/27  | 93/29  | 36/21  | 7/6   |        |
| DK6AH  | 44,084  | 203 | 107 | SOU-PH-HP   | 0/0   | 36/24  | 42/25  | 101/36 | 15/15  | 9/7   |        |
| DH8WR  | 39,294  | 218 | 111 | SOU-PH-HP   | 30/17 | 38/20  | 42/26  | 67/24  | 30/16  | 11/8  |        |
| DL8MH  | 36,084  | 212 | 97  | SOU-PH-LP   | 0/0   | 16/13  | 69/31  | 86/27  | 30/16  | 11/10 |        |
| DL7ATR | 35,076  | 176 | 111 | SOU-PH-HP   | 1/1   | 27/21  | 43/29  | 66/33  | 35/23  | 4/4   |        |
| DM5RC  | 21,964  | 135 | 76  | SOU-PH-HP   | 0/0   | 3/3    | 28/23  | 49/22  | 34/15  | 21/13 |        |

|        |           |       |     |           |        |        |        |        |        |       |       |
|--------|-----------|-------|-----|-----------|--------|--------|--------|--------|--------|-------|-------|
| DJ7TW  | 21,330    | 140   | 90  | SOU-PH-LP | 7/7    | 17/15  | 31/22  | 49/22  | 29/17  | 7/7   |       |
| DK6VCO | 18,720    | 150   | 78  | SOU-PH-HP | 0/0    | 10/10  | 19/16  | 49/22  | 33/16  | 39/14 |       |
| DL3VL  | 10,965    | 89    | 85  | SOU-PH-LP | 1/1    | 21/21  | 17/17  | 20/20  | 18/14  | 12/12 |       |
| DH2PAF | 6,834     | 94    | 51  | SOU-PH-LP | 0/0    | 0/0    | 18/15  | 38/18  | 29/12  | 9/6   |       |
| DK2PZ  | 6,090     | 72    | 35  | SOU-PH-HP | 0/0    | 0/0    | 2/2    | 70/33  | 0/0    | 0/0   |       |
| DO1BA  | 3,090     | 55    | 30  | SOU-PH-LP | 0/0    | 0/0    | 0/0    | 0/0    | 41/21  | 14/9  |       |
| DB6MC  | 2,336     | 41    | 32  | SOU-PH-LP | 0/0    | 0/0    | 11/11  | 24/16  | 6/5    | 0/0   |       |
| DC1RSS | 1,829     | 41    | 31  | SOU-PH-LP | 0/0    | 0/0    | 6/6    | 25/15  | 9/9    | 1/1   |       |
| DL5OCR | 1,624     | 39    | 28  | SOU-PH-LP | 0/0    | 4/4    | 11/10  | 19/11  | 5/3    | 0/0   |       |
| DJ3XM  | 704       | 25    | 22  | SOU-PH-LP | 0/0    | 1/1    | 13/11  | 4/4    | 0/0    | 7/6   |       |
| DG8MG  | 361       | 21    | 19  | SOU-PH-LP | 0/0    | 0/0    | 1/1    | 9/7    | 4/4    | 7/7   |       |
| DC2CT  | 72        | 6     | 6   | SOU-PH-LP | 0/0    | 0/0    | 2/2    | 3/3    | 1/1    | 0/0   |       |
| DJ5I   | 1,305,375 | 1,375 | 295 | SOU-CW-HP | 23/21  | 59/40  | 299/70 | 749/78 | 198/53 | 47/33 | DK8ZB |
| DL6KVA | 863,406   | 1,157 | 271 | SOU-CW-HP | 3/3    | 49/35  | 358/66 | 449/86 | 257/57 | 41/24 |       |
| DL4HRM | 720,336   | 1,099 | 258 | SOU-CW-HP | 107/32 | 207/48 | 235/52 | 437/78 | 85/36  | 28/12 |       |
| DJ9DZ  | 643,271   | 968   | 257 | SOU-CW-HP | 71/32  | 102/41 | 205/50 | 387/64 | 149/45 | 54/25 |       |
| DL4CF  | 562,980   | 948   | 220 | SOU-CW-HP | 122/35 | 189/45 | 237/43 | 251/46 | 103/34 | 46/17 |       |
| DL5YM  | 561,528   | 1,197 | 198 | SOU-CW-HP | 119/26 | 282/35 | 211/31 | 361/54 | 164/33 | 60/19 |       |
| DL3DW  | 514,710   | 968   | 215 | SOU-CW-HP | 26/24  | 123/39 | 221/51 | 471/60 | 117/33 | 10/8  |       |
| DL1VDL | 488,160   | 765   | 216 | SOU-CW-HP | 26/18  | 115/39 | 139/42 | 344/64 | 105/35 | 36/18 |       |
| DL4ME  | 480,956   | 987   | 193 | SOU-CW-HP | 17/16  | 199/38 | 312/48 | 340/53 | 89/24  | 30/14 |       |
| DKØMM  | 325,503   | 671   | 177 | SOU-CW-HP | 20/15  | 46/23  | 141/27 | 302/53 | 136/41 | 26/18 | DJ7IK |
| DL8WEM | 313,374   | 719   | 174 | SOU-CW-HP | 9/9    | 24/18  | 178/34 | 400/62 | 88/39  | 20/12 |       |
| DL4SDW | 303,366   | 656   | 186 | SOU-CW-LP | 21/18  | 115/26 | 147/46 | 296/52 | 58/29  | 19/15 |       |
| DF4XX  | 293,000   | 609   | 200 | SOU-CW-HP | 14/14  | 51/37  | 153/42 | 283/62 | 85/30  | 23/15 |       |
| DF1MM  | 290,290   | 655   | 182 | SOU-CW-LP | 0/0    | 91/33  | 175/51 | 326/55 | 47/29  | 16/14 |       |
| DL4AC  | 242,884   | 619   | 164 | SOU-CW-LP | 3/3    | 57/25  | 142/37 | 332/61 | 63/26  | 22/12 |       |
| DL5JQ  | 213,408   | 425   | 216 | SOU-CW-HP | 27/22  | 68/29  | 97/46  | 130/60 | 67/37  | 36/22 |       |
| DL5NO  | 123,114   | 415   | 142 | SOU-CW-LP | 14/12  | 35/22  | 57/24  | 163/35 | 99/30  | 47/19 |       |
| DK2FG  | 101,752   | 562   | 92  | SOU-CW-LP | 0/0    | 130/43 | 432/49 | 0/0    | 0/0    | 0/0   |       |
| DL5SDN | 78,650    | 254   | 130 | SOU-CW-LP | 6/6    | 16/15  | 59/28  | 105/44 | 60/29  | 8/8   |       |
| DF2CH  | 57,970    | 246   | 110 | SOU-CW-LP | 17/12  | 30/16  | 70/27  | 86/30  | 30/17  | 13/8  |       |
| DF5LW  | 54,549    | 310   | 99  | SOU-CW-LP | 0/0    | 58/21  | 90/28  | 127/31 | 27/13  | 8/6   |       |
| DL1EAL | 50,396    | 236   | 86  | SOU-CW-LP | 3/3    | 52/23  | 112/40 | 68/19  | 1/1    | 0/0   |       |
| DD3FH  | 48,951    | 205   | 111 | SOU-CW-LP | 2/2    | 8/8    | 49/29  | 53/27  | 71/29  | 22/16 |       |
| DM1AA  | 47,940    | 241   | 102 | SOU-CW-LP | 8/8    | 49/24  | 52/31  | 120/30 | 12/9   | 0/0   |       |
| DJ9RR  | 45,942    | 206   | 114 | SOU-CW-HP | 20/19  | 24/18  | 40/23  | 62/27  | 41/16  | 19/11 |       |
| DL7AT  | 43,362    | 242   | 73  | SOU-CW-LP | 0/0    | 45/8   | 64/29  | 123/31 | 10/5   | 0/0   |       |
| DJ1XT  | 42,987    | 152   | 89  | SOU-CW-HP | 7/7    | 2/2    | 23/20  | 97/44  | 8/6    | 15/10 |       |
| DLØRTA | 31,950    | 348   | 45  | SOU-CW-LP | 0/0    | 4/2    | 272/27 | 72/16  | 0/0    | 0/0   | DK2DQ |
| DM2RN  | 29,110    | 156   | 82  | SOU-CW-LP | 9/9    | 1/1    | 49/28  | 74/31  | 20/10  | 3/3   |       |
| DL2ZBO | 21,217    | 194   | 49  | SOU-CW-HP | 0/0    | 10/3   | 117/31 | 67/15  | 0/0    | 0/0   |       |
| DJ3NJ  | 18,414    | 125   | 66  | SOU-CW-LP | 0/0    | 9/9    | 10/9   | 63/24  | 36/17  | 7/7   |       |
| DF8V   | 15,677    | 117   | 61  | SOU-CW-HP | 0/0    | 9/8    | 11/11  | 62/20  | 22/16  | 13/6  | DF8VO |



|         |           |       |     |            |        |        |        |          |        |        |        |
|---------|-----------|-------|-----|------------|--------|--------|--------|----------|--------|--------|--------|
| Hungary |           |       |     |            |        |        |        |          |        |        |        |
| HGØY    | 614,268   | 1,509 | 151 | SO-MIX-HP  | 22/16  | 49/9   | 235/27 | 900/54   | 287/38 | 16/7   | HA7GN  |
| HG6C    | 149,668   | 479   | 142 | SO-MIX-QRP | 27/16  | 57/20  | 132/40 | 163/36   | 83/20  | 17/10  | HA6IAM |
| HA5BA   | 149,375   | 552   | 125 | SO-MIX-QRP | 2/2    | 100/29 | 136/35 | 221/33   | 68/16  | 25/10  |        |
| HGØDQR  | 95,256    | 368   | 108 | SO-MIX-HP  | 0/0    | 57/19  | 57/22  | 153/36   | 89/22  | 12/9   | HA5GY  |
| HA8AT   | 62,901    | 316   | 87  | SO-MIX-LP  | 0/0    | 19/10  | 47/20  | 220/42   | 27/12  | 3/3    |        |
| HA3DX   | 766,475   | 1,552 | 215 | SO-PH-LP   | 53/22  | 184/29 | 211/48 | 608/58   | 292/34 | 204/24 | HA4XH  |
| HA1IO   | 36,668    | 188   | 103 | SO-PH-LP   | 4/4    | 16/15  | 33/23  | 88/32    | 30/18  | 17/11  |        |
| HA3FHH  | 26,442    | 134   | 78  | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 76/36    | 47/32  | 11/10  |        |
| HA1TI   | 24,108    | 171   | 82  | SO-PH-QRP  | 12/12  | 28/16  | 46/23  | 82/29    | 3/2    | 0/0    |        |
| HG5D    | 1,488,095 | 1,574 | 305 | SO-CW-HP   | 35/30  | 141/51 | 333/70 | 761/88   | 273/52 | 31/14  | HA8QZ  |
| HA1SN   | 1,202,630 | 1,478 | 290 | SO-CW-LP   | 56/28  | 191/44 | 348/60 | 524/77   | 269/55 | 90/26  |        |
| HA8DU   | 247,190   | 975   | 95  | SO-CW-HP   | 3/3    | 22/7   | 276/27 | 434/32   | 220/21 | 20/5   |        |
| HA4YF   | 200,400   | 530   | 167 | SO-CW-LP   | 51/24  | 81/33  | 131/39 | 159/33   | 78/27  | 30/11  |        |
| HA7I    | 139,810   | 435   | 110 | SO-CW-HP   | 0/0    | 0/0    | 0/0    | 334/67   | 69/29  | 32/14  | HA7JTR |
| HA5NR   | 119,926   | 419   | 122 | SO-CW-HP   | 0/0    | 55/19  | 89/30  | 181/44   | 59/21  | 35/8   | DD5KG  |
| HA7PO   | 99,064    | 337   | 122 | SO-CW-LP   | 0/0    | 62/29  | 44/22  | 179/49   | 44/16  | 8/6    |        |
| HA2MN   | 98,304    | 386   | 96  | SO-CW-LP   | 0/0    | 0/0    | 39/20  | 270/43   | 45/19  | 32/14  |        |
| HA7MF   | 55,821    | 291   | 69  | SO-CW-HP   | 0/0    | 0/0    | 59/26  | 162/33   | 70/10  | 0/0    |        |
| HA1AS   | 48,861    | 211   | 89  | SO-CW-HP   | 0/0    | 0/0    | 20/17  | 153/44   | 29/22  | 9/6    |        |
| HA1BC   | 48,312    | 200   | 88  | SO-CW-LP   | 0/0    | 39/23  | 60/30  | 86/25    | 13/8   | 2/2    | DL1MAJ |
| HA8TKS  | 23,165    | 230   | 41  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 230/41   | 0/0    | 0/0    |        |
| HAØGK   | 4,394     | 86    | 26  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 6/4      | 80/22  | 0/0    |        |
| HA5CRT  | 3,668     | 70    | 28  | SO-CW-LP   | 0/0    | 0/0    | 13/9   | 57/19    | 0/0    | 0/0    |        |
| HA9TA   | 2,295     | 60    | 15  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 0/0      | 60/15  | 0/0    |        |
| HA3NU   | 3,255,408 | 2,821 | 376 | SOU-MIX-HP | 67/32  | 172/57 | 640/87 | 1,278/95 | 539/69 | 125/36 |        |
| HG1A    | 1,344,772 | 1,864 | 286 | SOU-MIX-LP | 83/32  | 317/50 | 394/53 | 679/74   | 284/52 | 107/25 | HA1ZN  |
| HA6PJ   | 312,534   | 752   | 179 | SOU-MIX-LP | 39/21  | 159/31 | 149/34 | 255/50   | 107/29 | 43/14  |        |
| HGØR    | 772,164   | 1,222 | 267 | SOU-PH-LP  | 40/24  | 66/37  | 183/59 | 459/77   | 289/50 | 185/20 | HAØNAR |
| HG6R    | 132,404   | 407   | 158 | SOU-PH-QRP | 27/20  | 44/22  | 71/30  | 152/44   | 82/30  | 31/12  |        |
| HG3N    | 1,654,116 | 1,826 | 307 | SOU-CW-HP  | 55/29  | 200/51 | 388/68 | 919/80   | 108/45 | 156/34 | HA3LN  |
| HA9A    | 1,285,438 | 1,777 | 238 | SOU-CW-HP  | 63/21  | 174/38 | 461/51 | 651/68   | 407/50 | 21/10  | HA9AX  |
| HA6P    | 1,077,720 | 1,318 | 280 | SOU-CW-HP  | 35/25  | 68/35  | 146/57 | 825/85   | 154/59 | 90/19  | HA6PX  |
| HG6O    | 748,384   | 1,378 | 224 | SOU-CW-HP  | 107/30 | 264/43 | 445/53 | 419/60   | 113/29 | 30/9   | HA6OA  |
| HA6NL   | 693,500   | 1,040 | 250 | SOU-CW-LP  | 50/24  | 161/44 | 254/49 | 341/70   | 148/44 | 86/19  |        |
| HA5X    | 248,121   | 651   | 171 | SOU-CW-LP  | 30/24  | 127/29 | 174/38 | 197/39   | 87/28  | 36/13  | HA5XA  |
| HA3OU   | 219,452   | 519   | 166 | SOU-CW-HP  | 0/0    | 79/35  | 82/39  | 206/48   | 135/33 | 17/11  |        |
| HA5AQ   | 161,660   | 364   | 137 | SOU-CW-HP  | 0/0    | 8/7    | 39/30  | 217/58   | 74/32  | 26/10  |        |
| HG3C    | 157,680   | 486   | 144 | SOU-CW-QRP | 7/7    | 57/26  | 60/26  | 194/38   | 112/31 | 56/16  | HA3HX  |
| HA7VK   | 89,570    | 274   | 130 | SOU-CW-HP  | 30/22  | 5/5    | 31/20  | 141/48   | 54/26  | 13/9   |        |
| HA8LLK  | 82,838    | 360   | 97  | SOU-CW-LP  | 0/0    | 0/0    | 134/30 | 128/33   | 61/21  | 37/13  |        |
| HA8TP   | 58,565    | 484   | 53  | SOU-CW-HP  | 0/0    | 0/0    | 484/53 | 0/0      | 0/0    | 0/0    |        |
| HG8W    | 55,148    | 252   | 68  | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 146/36   | 59/20  | 47/12  |        |
| HA3HK   | 53,730    | 291   | 90  | SOU-CW-LP  | 0/0    | 0/0    | 60/24  | 169/36   | 33/15  | 29/15  |        |

|        |           |       |     |            |       |        |        |          |        |        |                                                            |
|--------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|--------|------------------------------------------------------------|
| HA2NA  | 50,250    | 434   | 50  | SOU-CW-HP  | 0/0   | 434/50 | 0/0    | 0/0      | 0/0    | 0/0    |                                                            |
| HAØHW  | 47,656    | 318   | 74  | SOU-CW-HP  | 0/0   | 47/12  | 45/13  | 38/20    | 148/20 | 40/9   |                                                            |
| HA1WD  | 33,957    | 217   | 77  | SOU-CW-LP  | 0/0   | 35/15  | 114/29 | 42/14    | 26/19  | 0/0    |                                                            |
| HA4FY  | 18,576    | 258   | 36  | SOU-CW-QRP | 0/0   | 0/0    | 258/36 | 0/0      | 0/0    | 0/0    |                                                            |
| HA3FMR | 5,177     | 99    | 31  | SOU-CW-LP  | 0/0   | 0/0    | 99/31  | 0/0      | 0/0    | 0/0    |                                                            |
| HA1RJ  | 4,875     | 111   | 25  | SOU-CW-LP  | 0/0   | 0/0    | 111/25 | 0/0      | 0/0    | 0/0    |                                                            |
| HG6N   | 2,858,128 | 2,780 | 338 | MSHP       | 25/22 | 274/51 | 625/79 | 1,412/94 | 389/66 | 55/26  | HA6AA, HA6DX, HA6ND, HA6NY, HA6OI, HA6ON, HA8RT, K1SSTIBOR |
| HG7T   | 2,147,866 | 2,168 | 343 | MSHP       | 74/40 | 284/50 | 469/68 | 899/89   | 325/64 | 117/32 | HAØDU, HA7TM, HA9PP, HG5DX                                 |
| HG5A   | 1,509,024 | 1,986 | 264 | MSHP       | 65/30 | 169/39 | 569/65 | 709/73   | 406/43 | 68/14  | HA5IW, HA5VJ, HA7RY                                        |
| HAØKID | 37,924    | 241   | 76  | MSHP       | 0/0   | 23/13  | 49/18  | 143/34   | 26/11  | 0/0    | HAØLQ, HAØLZ, HA1PZ, HA3GO, HA3SB, HA5JA, HA7AR, HA7MO     |
|        |           |       |     |            |       |        |        |          |        |        |                                                            |
| Italy  |           |       |     |            |       |        |        |          |        |        |                                                            |
| IR1G   | 2,635,214 | 3,044 | 298 | SO-MIX-HP  | 48/27 | 116/44 | 610/56 | 1,721/81 | 430/57 | 119/33 | IZ1LBG                                                     |
| IB9A   | 1,034,656 | 2,069 | 217 | SO-MIX-HP  | 35/20 | 141/28 | 173/37 | 1,084/67 | 396/39 | 240/26 | IT9RBW                                                     |
| II3B   | 370,617   | 810   | 221 | SO-MIX-LP  | 42/22 | 93/31  | 126/42 | 353/61   | 154/44 | 42/21  | IU3FBL                                                     |
| IK1RGK | 167,713   | 566   | 133 | SO-MIX-LP  | 0/0   | 0/0    | 48/30  | 393/55   | 102/31 | 23/17  |                                                            |
| IV3BCA | 100,330   | 331   | 158 | SO-MIX-LP  | 19/19 | 35/25  | 50/33  | 162/45   | 51/27  | 14/9   |                                                            |
| IK1XPK | 30,800    | 217   | 88  | SO-MIX-QRP | 0/0   | 11/10  | 20/15  | 103/26   | 55/21  | 28/16  |                                                            |
| IZ3GNG | 12,474    | 158   | 42  | SO-MIX-HP  | 2/1   | 4/3    | 41/7   | 56/11    | 41/12  | 14/8   |                                                            |
| IT9ACJ | 11,716    | 146   | 58  | SO-MIX-QRP | 0/0   | 0/0    | 16/12  | 30/15    | 27/15  | 73/16  |                                                            |
| IK7NXU | 8,904     | 98    | 56  | SO-MIX-LP  | 0/0   | 9/8    | 47/22  | 1/1      | 16/10  | 25/15  |                                                            |
| IK3MLF | 8,580     | 81    | 65  | SO-MIX-LP  | 0/0   | 16/15  | 13/12  | 36/25    | 13/10  | 3/3    |                                                            |
| IR8D   | 6,336     | 146   | 24  | SO-MIX-HP  | 0/0   | 0/0    | 0/0    | 77/10    | 38/9   | 31/5   | IZ8JAI                                                     |
| IK5AMB | 4,816     | 54    | 28  | SO-MIX-LP  | 2/1   | 2/1    | 3/2    | 38/16    | 8/7    | 1/1    |                                                            |
| IO2S   | 4,017     | 72    | 39  | SO-MIX-QRP | 0/0   | 1/1    | 12/9   | 39/13    | 12/10  | 8/6    |                                                            |
| IC8FBU | 3,912     | 58    | 24  | SO-MIX-LP  | 0/0   | 0/0    | 13/7   | 11/5     | 0/0    | 34/12  |                                                            |
| IW1FGZ | 2,739     | 59    | 33  | SO-MIX-LP  | 0/0   | 2/2    | 10/10  | 23/11    | 3/3    | 21/7   |                                                            |
| IW1FRU | 612,892   | 1,254 | 212 | SO-PH-LP   | 18/14 | 129/34 | 115/38 | 795/70   | 134/39 | 63/17  |                                                            |
| IZ1OSP | 323,292   | 1,073 | 174 | SO-PH-HP   | 15/14 | 177/31 | 287/38 | 457/48   | 102/27 | 35/16  |                                                            |
| IB4Y   | 140,751   | 624   | 117 | SO-PH-HP   | 3/3   | 5/4    | 118/26 | 314/43   | 150/29 | 34/12  | IU4HRJ                                                     |
| IZ4AIF | 78,260    | 307   | 130 | SO-PH-LP   | 3/3   | 24/16  | 62/29  | 108/35   | 56/25  | 54/22  |                                                            |
| IZ1PHT | 69,918    | 304   | 129 | SO-PH-LP   | 4/4   | 34/23  | 90/32  | 112/39   | 37/18  | 27/13  |                                                            |
| I4VIL  | 59,438    | 258   | 113 | SO-PH-LP   | 0/0   | 0/0    | 55/32  | 116/39   | 53/25  | 34/17  |                                                            |
| IR7R   | 49,926    | 425   | 53  | SO-PH-HP   | 0/0   | 0/0    | 0/0    | 425/53   | 0/0    | 0/0    |                                                            |
| IK3ZBM | 48,251    | 203   | 113 | SO-PH-LP   | 0/0   | 0/0    | 39/29  | 115/49   | 39/26  | 10/9   |                                                            |
| IØOSI  | 42,292    | 230   | 109 | SO-PH-LP   | 0/0   | 26/21  | 67/28  | 103/35   | 28/19  | 6/6    |                                                            |
| IW5ECW | 22,960    | 160   | 80  | SO-PH-LP   | 0/0   | 0/0    | 23/14  | 75/32    | 56/28  | 6/6    |                                                            |
| IU6FUB | 22,910    | 161   | 79  | SO-PH-LP   | 0/0   | 5/5    | 20/17  | 94/32    | 24/16  | 18/9   |                                                            |
| IX1HPN | 22,104    | 156   | 72  | SO-PH-HP   | 0/0   | 5/5    | 36/23  | 110/39   | 5/5    | 0/0    |                                                            |
| IZ3XNJ | 21,243    | 162   | 73  | SO-PH-LP   | 0/0   | 3/3    | 29/18  | 77/24    | 40/17  | 13/11  |                                                            |
| IU1KGS | 20,519    | 148   | 71  | SO-PH-LP   | 0/0   | 0/0    | 50/26  | 53/21    | 45/24  | 0/0    |                                                            |
| IW2NSE | 15,836    | 120   | 74  | SO-PH-LP   | 0/0   | 2/2    | 17/14  | 61/32    | 27/17  | 13/9   |                                                            |

|            |         |     |     |           |     |       |        |        |        |        |  |
|------------|---------|-----|-----|-----------|-----|-------|--------|--------|--------|--------|--|
| IW1BND     | 14,620  | 107 | 86  | SO-PH-LP  | 3/3 | 19/17 | 22/19  | 31/22  | 24/17  | 8/8    |  |
| IT9OPR     | 13,502  | 170 | 43  | SO-PH-LP  | 0/0 | 0/0   | 0/0    | 170/43 | 0/0    | 0/0    |  |
| IU3EDK     | 12,702  | 118 | 58  | SO-PH-LP  | 0/0 | 7/7   | 39/21  | 68/26  | 4/4    | 0/0    |  |
| IZ5CMC     | 10,704  | 128 | 48  | SO-PH-LP  | 0/0 | 0/0   | 91/27  | 32/18  | 5/3    | 0/0    |  |
| IZØVXY     | 10,340  | 116 | 55  | SO-PH-LP  | 0/0 | 0/0   | 51/22  | 4/4    | 53/21  | 8/8    |  |
| IK2QLX     | 10,092  | 99  | 58  | SO-PH-LP  | 0/0 | 5/5   | 24/17  | 54/21  | 12/11  | 4/4    |  |
| IU5CJP     | 10,050  | 89  | 67  | SO-PH-LP  | 0/0 | 17/14 | 17/11  | 30/21  | 22/18  | 3/3    |  |
| IZ8QNS     | 8,568   | 82  | 56  | SO-PH-HP  | 0/0 | 4/4   | 24/15  | 33/19  | 12/10  | 9/8    |  |
| IX1BFL/6   | 8,442   | 79  | 63  | SO-PH-LP  | 0/0 | 0/0   | 28/22  | 35/25  | 12/12  | 4/4    |  |
| IW2NEF     | 8,151   | 80  | 57  | SO-PH-LP  | 0/0 | 0/0   | 7/7    | 46/28  | 17/14  | 10/8   |  |
| IUØLRV     | 6,292   | 75  | 52  | SO-PH-LP  | 0/0 | 13/11 | 16/14  | 40/21  | 3/3    | 3/3    |  |
| IK3XTT     | 5,502   | 69  | 42  | SO-PH-LP  | 0/0 | 2/2   | 8/7    | 35/16  | 16/10  | 8/7    |  |
| IZ8EQG     | 5,250   | 76  | 50  | SO-PH-LP  | 0/0 | 0/0   | 17/11  | 11/9   | 26/16  | 22/14  |  |
| IWØHLZ     | 5,096   | 74  | 49  | SO-PH-LP  | 0/0 | 4/4   | 17/12  | 24/14  | 27/17  | 2/2    |  |
| IU2HEE     | 2,656   | 50  | 32  | SO-PH-LP  | 0/0 | 0/0   | 9/9    | 41/23  | 0/0    | 0/0    |  |
| IZ4UFB     | 2,542   | 49  | 31  | SO-PH-HP  | 0/0 | 0/0   | 6/5    | 23/13  | 18/11  | 2/2    |  |
| IZ1RDQ     | 2,349   | 39  | 29  | SO-PH-LP  | 0/0 | 0/0   | 11/8   | 13/9   | 10/9   | 5/3    |  |
| IZ1TTR     | 1,680   | 38  | 28  | SO-PH-QRP | 0/0 | 0/0   | 10/10  | 18/11  | 10/7   | 0/0    |  |
| IK2EBP     | 1,311   | 39  | 19  | SO-PH-QRP | 0/0 | 0/0   | 0/0    | 39/19  | 0/0    | 0/0    |  |
| IZØFIU     | 315     | 13  | 9   | SO-PH-LP  | 0/0 | 0/0   | 0/0    | 11/7   | 2/2    | 0/0    |  |
| IK8RJS     | 308     | 16  | 11  | SO-PH-LP  | 0/0 | 0/0   | 0/0    | 2/1    | 1/1    | 13/9   |  |
| IX1CKN     | 180     | 16  | 9   | SO-PH-LP  | 0/0 | 0/0   | 0/0    | 16/9   | 0/0    | 0/0    |  |
| IZ3WFD     | 132     | 11  | 11  | SO-PH-LP  | 2/2 | 9/9   | 0/0    | 0/0    | 0/0    | 0/0    |  |
| IZ5IMB/IA5 | 50      | 8   | 5   | SO-PH-LP  | 0/0 | 0/0   | 0/0    | 8/5    | 0/0    | 0/0    |  |
| IT9DWF     | 40      | 10  | 5   | SO-PH-LP  | 0/0 | 0/0   | 0/0    | 0/0    | 0/0    | 10/5   |  |
| I5KAP      | 0       | 0   | 0   | SO-PH-QRP | 0/0 | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    |  |
| IW1RGP     | -4      | 1   | 1   | SO-PH-HP  | 0/0 | 0/0   | 0/0    | 1/1    | 0/0    | 0/0    |  |
| IK1JJM     | 179,040 | 728 | 120 | SO-CW-LP  | 1/1 | 42/16 | 118/28 | 381/44 | 64/13  | 122/18 |  |
| IK2SND     | 152,460 | 648 | 110 | SO-CW-HP  | 0/0 | 0/0   | 103/28 | 328/33 | 153/30 | 64/19  |  |
| I6FDJ      | 128,019 | 462 | 139 | SO-CW-LP  | 9/9 | 27/16 | 68/29  | 152/30 | 129/32 | 77/23  |  |
| IV3EAD     | 43,264  | 209 | 104 | SO-CW-LP  | 0/0 | 57/24 | 71/30  | 33/17  | 37/24  | 11/9   |  |
| IK6BAK     | 42,196  | 262 | 77  | SO-CW-LP  | 0/0 | 0/0   | 22/14  | 74/16  | 85/31  | 81/16  |  |
| IØIA       | 34,935  | 237 | 85  | SO-CW-LP  | 0/0 | 29/20 | 82/26  | 106/28 | 20/11  | 0/0    |  |
| IV3DRP     | 33,210  | 160 | 82  | SO-CW-QRP | 0/0 | 0/0   | 28/23  | 80/27  | 34/21  | 18/11  |  |
| IKØNOJ     | 30,162  | 195 | 66  | SO-CW-HP  | 0/0 | 0/0   | 0/0    | 90/25  | 71/23  | 34/18  |  |
| IZ4OSH     | 26,848  | 328 | 32  | SO-CW-LP  | 0/0 | 0/0   | 0/0    | 328/32 | 0/0    | 0/0    |  |
| IK2AHB     | 25,620  | 265 | 42  | SO-CW-HP  | 0/0 | 0/0   | 0/0    | 265/42 | 0/0    | 0/0    |  |
| IK2WAD     | 23,380  | 232 | 35  | SO-CW-LP  | 0/0 | 0/0   | 0/0    | 232/35 | 0/0    | 0/0    |  |
| IK8ARF     | 23,373  | 158 | 63  | SO-CW-LP  | 0/0 | 0/0   | 9/8    | 79/23  | 53/19  | 17/13  |  |
| IK3YBX     | 17,820  | 98  | 81  | SO-CW-LP  | 0/0 | 0/0   | 13/12  | 41/33  | 30/23  | 14/13  |  |
| IK2A00     | 16,688  | 131 | 56  | SO-CW-LP  | 0/0 | 0/0   | 41/24  | 85/27  | 5/5    | 0/0    |  |
| IK2AUK     | 15,250  | 144 | 61  | SO-CW-LP  | 0/0 | 12/9  | 22/13  | 75/23  | 29/11  | 6/5    |  |
| IT9CKA     | 15,164  | 142 | 68  | SO-CW-LP  | 0/0 | 0/0   | 31/21  | 37/19  | 64/22  | 10/6   |  |
| I4LCK      | 13,624  | 111 | 52  | SO-CW-HP  | 0/0 | 0/0   | 0/0    | 0/0    | 62/29  | 49/23  |  |

|            |         |       |     |            |       |        |        |        |        |        |        |
|------------|---------|-------|-----|------------|-------|--------|--------|--------|--------|--------|--------|
| IK2NUX     | 13,490  | 104   | 71  | SO-CW-LP   | 0/0   | 0/0    | 14/13  | 44/25  | 29/19  | 17/14  |        |
| IZ6BXQ     | 12,834  | 98    | 69  | SO-CW-LP   | 0/0   | 0/0    | 15/13  | 29/20  | 31/22  | 23/14  |        |
| IK2REA     | 12,098  | 111   | 46  | SO-CW-LP   | 0/0   | 0/0    | 43/16  | 59/23  | 3/2    | 6/5    |        |
| I4JEE      | 10,927  | 101   | 49  | SO-CW-LP   | 0/0   | 15/7   | 10/7   | 12/5   | 49/20  | 15/10  |        |
| IQ8PC      | 9,672   | 133   | 39  | SO-CW-LP   | 0/0   | 0/0    | 8/8    | 124/30 | 1/1    | 0/0    |        |
| IZ4DZD     | 8,109   | 85    | 51  | SO-CW-HP   | 0/0   | 0/0    | 31/19  | 32/20  | 22/12  | 0/0    |        |
| IU6AIG     | 7,900   | 77    | 50  | SO-CW-LP   | 0/0   | 0/0    | 9/8    | 47/29  | 6/4    | 15/9   |        |
| IN3OWY     | 7,826   | 125   | 43  | SO-CW-LP   | 0/0   | 65/21  | 35/14  | 24/7   | 1/1    | 0/0    |        |
| IN3MNS     | 7,260   | 75    | 60  | SO-CW-LP   | 6/6   | 13/13  | 21/10  | 5/5    | 21/19  | 9/7    |        |
| I2VXJ      | 5,654   | 107   | 22  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 0/0    | 107/22 | 0/0    |        |
| IZ3DVU     | 3,556   | 62    | 28  | SO-CW-LP   | 0/0   | 0/0    | 15/8   | 33/11  | 13/8   | 1/1    |        |
| IK2LOL     | 2,556   | 46    | 36  | SO-CW-LP   | 0/0   | 11/11  | 19/12  | 11/8   | 5/5    | 0/0    |        |
| I3FDZ      | 1,860   | 43    | 15  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 43/15  | 0/0    | 0/0    |        |
| IZ3KMY     | 1,620   | 38    | 36  | SO-CW-LP   | 0/0   | 5/5    | 11/10  | 10/10  | 8/7    | 4/4    |        |
| IV3IXN     | 1,406   | 33    | 19  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 33/19  | 0/0    | 0/0    |        |
| IK2AIT/IV3 | 792     | 30    | 18  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 22/10  | 6/6    | 2/2    |        |
| IZ2GMT     | 540     | 20    | 15  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 9/7    | 10/7   | 1/1    |        |
| IK2IKW     | 372     | 17    | 12  | SO-CW-LP   | 0/0   | 0/0    | 5/3    | 8/5    | 4/4    | 0/0    |        |
| IW1CBG     | 324     | 20    | 18  | SO-CW-LP   | 5/5   | 8/6    | 7/7    | 0/0    | 0/0    | 0/0    |        |
| IU1HFK     | 192     | 15    | 12  | SO-CW-LP   | 4/4   | 1/1    | 1/1    | 7/4    | 1/1    | 1/1    |        |
| IU3GNB     | 713,607 | 1,249 | 237 | SOU-MIX-HP | 20/20 | 186/46 | 236/54 | 654/66 | 129/35 | 24/16  |        |
| I2WIJ      | 542,385 | 794   | 255 | SOU-MIX-HP | 42/27 | 61/41  | 199/57 | 319/63 | 83/43  | 90/24  |        |
| I3VJW      | 260,685 | 624   | 135 | SOU-MIX-HP | 0/0   | 0/0    | 181/38 | 210/42 | 132/31 | 101/24 |        |
| IR2Q       | 209,442 | 671   | 134 | SOU-MIX-LP | 1/1   | 7/7    | 81/31  | 345/48 | 205/31 | 32/16  | IK2PFL |
| IZ3NVR     | 169,623 | 596   | 141 | SOU-MIX-LP | 9/9   | 28/17  | 102/33 | 223/31 | 191/31 | 43/20  |        |
| IKØXBX     | 134,343 | 314   | 207 | SOU-MIX-HP | 43/30 | 49/34  | 70/49  | 74/46  | 55/33  | 23/15  |        |
| IN3EQD     | 35,244  | 183   | 99  | SOU-MIX-HP | 0/0   | 35/21  | 39/25  | 80/36  | 21/10  | 8/7    |        |
| IK2SAU     | 35,055  | 150   | 123 | SOU-MIX-LP | 0/0   | 33/31  | 57/39  | 30/27  | 22/19  | 8/7    |        |
| IK4OMU     | 23,322  | 180   | 69  | SOU-MIX-LP | 0/0   | 6/3    | 35/17  | 103/32 | 31/13  | 5/4    |        |
| IQ2XZ      | 19,096  | 184   | 56  | SOU-MIX-HP | 0/0   | 0/0    | 121/36 | 63/20  | 0/0    | 0/0    | IW2ETR |
| IZ3XEF     | 13,629  | 82    | 59  | SOU-MIX-LP | 0/0   | 9/9    | 18/16  | 39/21  | 7/7    | 9/6    |        |
| IW1CHX     | 13,395  | 142   | 57  | SOU-MIX-LP | 0/0   | 0/0    | 0/0    | 41/25  | 35/16  | 66/16  |        |
| IK2RLS     | 1,612   | 33    | 26  | SOU-MIX-LP | 0/0   | 0/0    | 3/3    | 10/8   | 10/7   | 10/8   |        |
| IR4K       | 738,304 | 1,364 | 224 | SOU-PH-HP  | 0/0   | 56/32  | 241/48 | 783/73 | 197/47 | 87/24  | IZ4JUK |
| IK4LZH     | 585,984 | 1,113 | 224 | SOU-PH-LP  | 0/0   | 51/28  | 133/43 | 710/73 | 163/49 | 56/31  |        |
| IR9Z       | 390,368 | 1,294 | 176 | SOU-PH-HP  | 18/14 | 99/25  | 150/40 | 517/45 | 296/30 | 214/22 |        |
| IKØPHY     | 261,784 | 795   | 172 | SOU-PH-HP  | 0/0   | 13/12  | 86/36  | 361/63 | 170/36 | 165/25 |        |
| IT9FRX     | 131,340 | 768   | 110 | SOU-PH-LP  | 0/0   | 16/12  | 57/24  | 250/38 | 187/17 | 258/19 |        |
| IW2MXY     | 61,206  | 286   | 101 | SOU-PH-LP  | 0/0   | 0/0    | 21/19  | 186/49 | 22/17  | 57/16  |        |
| IU3BTY     | 52,920  | 337   | 70  | SOU-PH-HP  | 0/0   | 0/0    | 102/32 | 233/37 | 0/0    | 2/1    |        |
| IZ2SMQ     | 39,788  | 171   | 116 | SOU-PH-HP  | 0/0   | 21/18  | 35/29  | 88/48  | 22/17  | 5/4    |        |
| IZØBVU     | 35,616  | 166   | 106 | SOU-PH-HP  | 3/3   | 8/8    | 30/21  | 70/34  | 39/27  | 16/13  |        |
| IK7RVY     | 35,325  | 304   | 75  | SOU-PH-LP  | 0/0   | 0/0    | 18/15  | 198/28 | 74/20  | 14/12  |        |
| IK5PWS     | 28,567  | 168   | 77  | SOU-PH-HP  | 0/0   | 0/0    | 34/22  | 123/44 | 11/11  | 0/0    |        |

|               |           |       |     |            |       |        |        |           |        |        |                                                                       |
|---------------|-----------|-------|-----|------------|-------|--------|--------|-----------|--------|--------|-----------------------------------------------------------------------|
| IZ3VTH        | 14,520    | 97    | 88  | SOU-PH-LP  | 0/0   | 19/18  | 16/16  | 29/25     | 22/18  | 11/11  |                                                                       |
| I3LTT         | 7,803     | 76    | 51  | SOU-PH-LP  | 0/0   | 0/0    | 23/19  | 43/23     | 10/9   | 0/0    |                                                                       |
| IZØTWS        | 6,048     | 67    | 63  | SOU-PH-LP  | 0/0   | 0/0    | 20/20  | 30/27     | 17/16  | 0/0    |                                                                       |
| IT9BYS        | 187       | 11    | 11  | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 6/6       | 5/5    | 0/0    |                                                                       |
| IO2O          | 772,002   | 1,536 | 198 | SOU-CW-HP  | 26/20 | 62/24  | 317/46 | 742/64    | 326/33 | 63/11  |                                                                       |
| IO3F          | 535,914   | 1,222 | 171 | SOU-CW-HP  | 0/0   | 42/25  | 354/41 | 540/56    | 276/39 | 10/10  | IZ3SQW                                                                |
| IZ1PKV        | 211,376   | 477   | 176 | SOU-CW-HP  | 0/0   | 42/25  | 111/42 | 224/66    | 88/34  | 12/9   |                                                                       |
| IZ8EFD        | 189,222   | 585   | 141 | SOU-CW-LP  | 0/0   | 0/0    | 121/44 | 391/65    | 22/14  | 51/18  |                                                                       |
| IK2XDE        | 186,813   | 520   | 153 | SOU-CW-HP  | 0/0   | 52/25  | 163/39 | 233/56    | 49/23  | 23/10  |                                                                       |
| IV3FPX        | 168,480   | 529   | 160 | SOU-CW-LP  | 25/18 | 59/29  | 164/36 | 178/34    | 83/29  | 20/14  |                                                                       |
| IK2GWH        | 129,336   | 434   | 136 | SOU-CW-QRP | 3/3   | 50/25  | 78/28  | 182/43    | 81/24  | 40/13  |                                                                       |
| IN3FHE        | 112,160   | 331   | 160 | SOU-CW-LP  | 0/0   | 50/31  | 114/45 | 94/45     | 53/26  | 20/13  |                                                                       |
| IU1JCZ        | 107,019   | 585   | 99  | SOU-CW-HP  | 0/0   | 62/16  | 258/34 | 235/37    | 30/12  | 0/0    |                                                                       |
| IK4DCX        | 99,216    | 424   | 117 | SOU-CW-LP  | 27/17 | 38/13  | 10/10  | 172/39    | 87/22  | 90/16  |                                                                       |
| IU1LCU        | 71,820    | 293   | 108 | SOU-CW-LP  | 0/0   | 33/23  | 90/37  | 170/48    | 0/0    | 0/0    |                                                                       |
| IW7DMH        | 65,535    | 347   | 85  | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 130/32    | 97/31  | 120/22 |                                                                       |
| IO3A          | 58,576    | 247   | 112 | SOU-CW-LP  | 0/0   | 16/15  | 62/30  | 89/28     | 58/28  | 22/11  | IV3HAX                                                                |
| IZ2GRG        | 51,392    | 272   | 73  | SOU-CW-HP  | 0/0   | 0/0    | 0/0    | 272/73    | 0/0    | 0/0    |                                                                       |
| IW3ILM        | 35,998    | 203   | 82  | SOU-CW-QRP | 0/0   | 10/8   | 63/25  | 100/29    | 24/14  | 6/6    |                                                                       |
| IK2EGL        | 35,695    | 290   | 59  | SOU-CW-HP  | 19/13 | 19/6   | 99/13  | 128/15    | 15/7   | 10/5   |                                                                       |
| IK1YFE        | 29,986    | 136   | 94  | SOU-CW-HP  | 0/0   | 23/22  | 17/14  | 48/28     | 36/21  | 12/9   |                                                                       |
| IT9ESW        | 14,076    | 98    | 69  | SOU-CW-HP  | 0/0   | 5/5    | 24/19  | 54/32     | 10/8   | 5/5    |                                                                       |
| IW5EIJ        | 4,712     | 70    | 38  | SOU-CW-LP  | 0/0   | 1/1    | 6/6    | 16/6      | 27/15  | 20/10  |                                                                       |
| IZØAIS        | 4,680     | 60    | 39  | SOU-CW-HP  | 0/0   | 0/0    | 20/20  | 28/10     | 5/5    | 7/4    |                                                                       |
| IR4M          | 3,875,095 | 3,277 | 371 | MSHP       | 39/31 | 183/53 | 493/76 | 1,745/101 | 572/69 | 245/41 | I4EWH, IK3QAR, IK4DCW, IK4HVR, IK4MGP, IK4WMH, IW3FVZ, IZ4NIC, IZ4ZZB |
| IR4X          | 3,667,350 | 3,290 | 345 | MSHP       | 34/32 | 120/51 | 529/71 | 2,001/96  | 501/64 | 105/31 | I4VEQ, IK4VET, IK4ZGO, IT9RGY, IZ4JMA                                 |
| IO9A          | 873,126   | 1,985 | 207 | MSHP       | 0/0   | 29/25  | 187/54 | 1,122/68  | 468/41 | 179/19 | IT9SSI, IT9UFP, IT9YVO                                                |
| IQ3TR         | 67,488    | 320   | 96  | MSHP       | 0/0   | 0/0    | 44/23  | 198/38    | 61/23  | 17/12  | IU3FCR, IU3KPJ, IU3LYJ, IZ3KUZ                                        |
| IQ9SY         | 1,512     | 40    | 28  | MSHP       | 0/0   | 0/0    | 0/0    | 24/16     | 5/4    | 11/8   | IT9NVA, IT9ZSB                                                        |
|               |           |       |     |            |       |        |        |           |        |        |                                                                       |
| Liechtenstein |           |       |     |            |       |        |        |           |        |        |                                                                       |
| HBØ/DK3RED/P  | 638       | 25    | 22  | SO-CW-QRP  | 0/0   | 14/13  | 0/0    | 6/4       | 3/3    | 2/2    |                                                                       |
| HBØ/PC5A      | 19,964    | 168   | 62  | SOU-MIX-LP | 9/6   | 56/7   | 44/14  | 40/20     | 13/9   | 6/6    |                                                                       |
|               |           |       |     |            |       |        |        |           |        |        |                                                                       |
| Macedonia     |           |       |     |            |       |        |        |           |        |        |                                                                       |
| Z35W          | 43,758    | 318   | 66  | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 258/48    | 60/18  | 0/0    |                                                                       |
| Z39A          | 70,656    | 402   | 96  | SOU-CW-LP  | 0/0   | 0/0    | 101/26 | 100/27    | 100/26 | 101/17 |                                                                       |
| Z35Y          | 57,753    | 362   | 81  | SOU-CW-HP  | 0/0   | 0/0    | 83/27  | 181/31    | 98/23  | 0/0    |                                                                       |
| Z36W          | 7,920     | 219   | 20  | SOU-CW-LP  | 0/0   | 0/0    | 0/0    | 0/0       | 0/0    | 219/20 |                                                                       |
|               |           |       |     |            |       |        |        |           |        |        |                                                                       |
| Montenegro    |           |       |     |            |       |        |        |           |        |        |                                                                       |
| 4O6ZD         | 2,023     | 53    | 17  | SOU-MIX-LP | 0/0   | 0/0    | 0/0    | 0/0       | 0/0    | 53/17  |                                                                       |
| 4O3A          | 898,367   | 1,450 | 229 | SOU-CW-LP  | 21/19 | 58/31  | 321/52 | 714/68    | 299/41 | 37/18  | E77W                                                                  |

|         |         |     |     |            |       |        |        |        |        |       |        |
|---------|---------|-----|-----|------------|-------|--------|--------|--------|--------|-------|--------|
|         |         |     |     |            |       |        |        |        |        |       |        |
| Poland  |         |     |     |            |       |        |        |        |        |       |        |
| SP2XX   | 231,952 | 690 | 152 | SO-MIX-HP  | 18/10 | 107/24 | 161/36 | 259/51 | 128/21 | 17/10 |        |
| SQ3WW   | 211,758 | 574 | 174 | SO-MIX-LP  | 28/18 | 71/30  | 164/47 | 169/38 | 100/28 | 42/13 |        |
| SP2GMA  | 186,600 | 571 | 150 | SO-MIX-LP  | 1/1   | 72/30  | 128/40 | 221/47 | 137/27 | 12/5  |        |
| SP4AAZ  | 102,024 | 350 | 117 | SO-MIX-LP  | 0/0   | 31/19  | 58/25  | 168/40 | 65/19  | 28/14 |        |
| SP5ICS  | 76,986  | 320 | 117 | SO-MIX-HP  | 0/0   | 35/23  | 64/28  | 141/40 | 54/17  | 26/9  |        |
| SP9SDR  | 58,464  | 242 | 116 | SO-MIX-HP  | 17/13 | 45/24  | 58/31  | 83/30  | 32/13  | 7/5   |        |
| SN6A    | 46,284  | 233 | 84  | SO-MIX-HP  | 0/0   | 11/10  | 47/19  | 137/39 | 22/10  | 16/6  | SP6CES |
| SP2GCE  | 41,195  | 265 | 77  | SO-MIX-LP  | 14/9  | 42/10  | 49/20  | 126/25 | 29/12  | 5/1   |        |
| SP5PDA  | 38,098  | 236 | 86  | SO-MIX-QRP | 10/8  | 42/19  | 66/24  | 109/29 | 5/4    | 4/2   | SP5XSL |
| SN9M    | 30,544  | 205 | 83  | SO-MIX-HP  | 2/1   | 50/20  | 75/31  | 78/31  | 0/0    | 0/0   | SP9CLU |
| SQ5JUP  | 27,387  | 225 | 51  | SO-MIX-HP  | 2/1   | 3/2    | 2/1    | 144/24 | 57/18  | 17/5  |        |
| SP3DIK  | 23,760  | 160 | 72  | SO-MIX-HP  | 2/1   | 19/9   | 41/22  | 50/18  | 31/13  | 17/9  |        |
| SP6Eiy  | 22,538  | 147 | 59  | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 87/30  | 55/25  | 5/4   |        |
| SQ6ELV  | 13,986  | 124 | 63  | SO-MIX-LP  | 24/13 | 3/2    | 16/9   | 6/5    | 34/17  | 41/17 |        |
| SP7MTU  | 13,978  | 117 | 58  | SO-MIX-LP  | 2/1   | 12/9   | 8/7    | 64/24  | 24/10  | 7/7   |        |
| SP6LMQ  | 13,452  | 114 | 59  | SO-MIX-LP  | 2/1   | 10/9   | 17/12  | 54/20  | 20/11  | 11/6  |        |
| SP2CA   | 12,400  | 97  | 62  | SO-MIX-HP  | 34/25 | 8/6    | 28/15  | 2/1    | 2/1    | 23/14 |        |
| SP6LUV  | 11,183  | 91  | 53  | SO-MIX-LP  | 0/0   | 7/6    | 29/17  | 26/13  | 9/8    | 20/9  |        |
| SP3CYy  | 9,982   | 112 | 62  | SO-MIX-HP  | 0/0   | 13/10  | 43/23  | 33/18  | 16/6   | 7/5   |        |
| SQ6ABC  | 9,831   | 142 | 29  | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 142/29 | 0/0    | 0/0   | LZ1ABC |
| SP4W    | 9,280   | 144 | 29  | SO-MIX-HP  | 2/1   | 50/6   | 88/20  | 2/1    | 2/1    | 0/0   |        |
| SP7AWG  | 7,128   | 90  | 54  | SO-MIX-LP  | 3/2   | 13/7   | 27/17  | 11/11  | 15/8   | 21/9  |        |
| SP7SEW  | 6,802   | 99  | 38  | SO-MIX-LP  | 2/1   | 2/1    | 56/11  | 24/14  | 13/10  | 2/1   |        |
| SQ1WO   | 6,510   | 100 | 42  | SO-MIX-LP  | 2/1   | 2/1    | 17/11  | 56/20  | 20/7   | 3/2   |        |
| SP9IHP  | 6,486   | 62  | 23  | SO-MIX-LP  | 0/0   | 0/0    | 8/4    | 48/16  | 6/3    | 0/0   |        |
| SP6AEG  | 5,887   | 91  | 29  | SO-MIX-HP  | 2/1   | 2/1    | 2/1    | 2/1    | 3/2    | 80/23 |        |
| SP9GKJ  | 5,184   | 69  | 32  | SO-MIX-LP  | 2/1   | 2/1    | 21/11  | 25/12  | 16/5   | 3/2   |        |
| SQ9ZAX  | 4,401   | 55  | 27  | SO-MIX-LP  | 13/10 | 2/1    | 6/5    | 30/9   | 2/1    | 2/1   |        |
| SP3FSM  | 4,170   | 57  | 30  | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 43/20  | 13/9   | 1/1   |        |
| SP4GHL  | 3,531   | 52  | 33  | SO-MIX-LP  | 0/0   | 2/1    | 13/11  | 20/12  | 15/7   | 2/2   |        |
| SP9BMH  | 2,812   | 55  | 37  | SO-MIX-LP  | 0/0   | 14/14  | 41/23  | 0/0    | 0/0    | 0/0   |        |
| SP3IOE  | 2,425   | 43  | 25  | SO-MIX-QRP | 0/0   | 0/0    | 10/5   | 23/12  | 8/6    | 2/2   |        |
| SQ9JYK  | 2,415   | 36  | 23  | SO-MIX-LP  | 2/1   | 2/1    | 2/1    | 21/13  | 4/3    | 5/4   |        |
| SP2GCJ  | 2,204   | 42  | 29  | SO-MIX-LP  | 2/1   | 2/1    | 2/1    | 11/9   | 19/12  | 6/5   |        |
| SP9BNM  | 1,640   | 43  | 41  | SO-MIX-LP  | 2/1   | 6/6    | 10/10  | 12/11  | 10/10  | 3/3   |        |
| SP2X    | 1,131   | 35  | 29  | SO-MIX-LP  | 2/1   | 7/6    | 13/12  | 3/2    | 5/4    | 5/4   |        |
| SQ7FGT  | 966     | 35  | 21  | SO-MIX-LP  | 2/1   | 14/8   | 19/12  | 0/0    | 0/0    | 0/0   |        |
| SP6HEQ  | 960     | 28  | 20  | SO-MIX-HP  | 2/1   | 11/8   | 2/1    | 7/6    | 2/1    | 4/3   |        |
| SN86LOT | 920     | 32  | 23  | SO-MIX-LP  | 0/0   | 2/1    | 13/13  | 16/8   | 1/1    | 0/0   | SP1JJY |
| SQ2JK   | 893     | 25  | 19  | SO-MIX-LP  | 0/0   | 3/2    | 4/3    | 8/6    | 9/7    | 1/1   |        |
| SP3JIA  | 875     | 33  | 25  | SO-MIX-HP  | 14/10 | 9/8    | 2/1    | 2/1    | 2/1    | 4/4   |        |
| SP9REP  | 858     | 30  | 13  | SO-MIX-LP  | 2/1   | 2/1    | 2/1    | 20/8   | 2/1    | 2/1   |        |

|        |     |    |    |            |     |       |     |      |      |     |        |
|--------|-----|----|----|------------|-----|-------|-----|------|------|-----|--------|
| SP8JMA | 588 | 22 | 12 | SO-MIX-LP  | 1/1 | 2/1   | 2/1 | 15/8 | 2/1  | 0/0 |        |
| SP2FUD | 560 | 24 | 14 | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 7/5  | 9/5  | 2/1 |        |
| SP9EZE | 522 | 26 | 18 | SO-MIX-LP  | 2/1 | 12/9  | 5/4 | 3/2  | 2/1  | 2/1 |        |
| SN9MT  | 429 | 25 | 11 | SO-MIX-QRP | 0/0 | 24/10 | 0/0 | 1/1  | 0/0  | 0/0 |        |
| SP9HVV | 403 | 22 | 13 | SO-MIX-QRP | 2/1 | 2/1   | 2/1 | 1/1  | 13/7 | 2/2 | SP9G   |
| SP6EF  | 345 | 21 | 15 | SO-MIX-LP  | 4/3 | 3/2   | 4/3 | 4/3  | 3/2  | 3/2 |        |
| SN2RB  | 312 | 20 | 12 | SO-MIX-HP  | 2/1 | 2/1   | 2/1 | 10/7 | 2/1  | 2/1 |        |
| SP3MKS | 224 | 19 | 14 | SO-MIX-HP  | 2/1 | 5/3   | 7/6 | 2/2  | 2/1  | 1/1 |        |
| SP9BGS | 180 | 15 | 12 | SO-MIX-LP  | 2/1 | 11/10 | 2/1 | 0/0  | 0/0  | 0/0 |        |
| SP3CMX | 170 | 15 | 10 | SO-MIX-HP  | 2/1 | 2/1   | 2/1 | 2/2  | 4/3  | 3/2 |        |
| SP7MFR | 154 | 12 | 7  | SO-MIX-LP  | 2/1 | 3/2   | 5/2 | 2/2  | 0/0  | 0/0 |        |
| SP7PFD | 154 | 12 | 7  | SO-MIX-LP  | 2/1 | 3/2   | 5/2 | 2/2  | 0/0  | 0/0 | SP7MFY |
| SP5MBI | 143 | 14 | 11 | SO-MIX-LP  | 5/4 | 2/1   | 5/4 | 1/1  | 1/1  | 0/0 |        |
| SP9PT  | 128 | 14 | 8  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 3/2  | 2/1  | 3/2 |        |
| SP8PJL | 96  | 9  | 8  | SO-MIX-LP  | 0/0 | 2/1   | 1/1 | 2/2  | 3/3  | 1/1 |        |
| SP9FMP | 84  | 12 | 7  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 1/1  | 3/2 |        |
| SN9CZ  | 72  | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SP2EPV | 72  | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SP3GRE | 72  | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SP3KWA | 72  | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SP3SLU | 72  | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SP6ZC  | 72  | 12 | 6  | SO-MIX-HP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SP9A   | 72  | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 | SP9UMJ |
| SP9JBX | 72  | 12 | 6  | SO-MIX-HP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SQ3GOK | 72  | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SQ3NMP | 72  | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SQ3TGO | 72  | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SQ9HHO | 72  | 12 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SQ3AUA | 66  | 11 | 6  | SO-MIX-LP  | 2/1 | 1/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SQ8P   | 66  | 11 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 2/1  | 1/1 |        |
| SO5E   | 63  | 9  | 7  | SO-MIX-LP  | 2/1 | 2/1   | 1/1 | 1/1  | 2/2  | 1/1 |        |
| SP8JUS | 63  | 9  | 7  | SO-MIX-LP  | 0/0 | 2/1   | 7/6 | 0/0  | 0/0  | 0/0 |        |
| SP7FGA | 60  | 10 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 1/1  | 1/1 |        |
| SP2DDV | 55  | 9  | 5  | SO-MIX-LP  | 0/0 | 2/1   | 2/1 | 2/1  | 2/1  | 1/1 |        |
| SP9UJR | 54  | 10 | 6  | SO-MIX-LP  | 2/1 | 2/1   | 1/1 | 2/1  | 2/1  | 1/1 |        |
| SP3FYX | 50  | 10 | 5  | SO-MIX-LP  | 0/0 | 2/1   | 2/1 | 2/1  | 2/1  | 2/1 |        |
| SP7VVB | 48  | 8  | 4  | SO-MIX-LP  | 2/1 | 2/1   | 2/1 | 2/1  | 0/0  | 0/0 |        |
| SP9LDP | 45  | 9  | 5  | SO-MIX-LP  | 0/0 | 2/1   | 2/1 | 2/1  | 2/1  | 1/1 |        |
| SQ9HHC | 45  | 9  | 5  | SO-MIX-LP  | 0/0 | 2/1   | 2/1 | 2/1  | 2/1  | 1/1 |        |
| SQ9HYN | 45  | 9  | 5  | SO-MIX-LP  | 0/0 | 2/1   | 2/1 | 2/1  | 2/1  | 1/1 |        |
| SQ9ITB | 45  | 9  | 5  | SO-MIX-LP  | 0/0 | 2/1   | 2/1 | 2/1  | 2/1  | 1/1 |        |
| SQ9NKR | 45  | 9  | 5  | SO-MIX-LP  | 0/0 | 2/1   | 2/1 | 2/1  | 2/1  | 1/1 |        |
| SP6DXH | 28  | 7  | 4  | SO-MIX-LP  | 1/1 | 2/1   | 2/1 | 0/0  | 0/0  | 2/1 |        |
| SP7CXV | 28  | 6  | 2  | SO-MIX-LP  | 0/0 | 0/0   | 4/1 | 2/1  | 0/0  | 0/0 |        |

|        |         |       |     |            |       |        |        |        |        |       |        |
|--------|---------|-------|-----|------------|-------|--------|--------|--------|--------|-------|--------|
| SP7FGP | 24      | 6     | 4   | SO-MIX-LP  | 0/0   | 0/0    | 2/1    | 2/1    | 1/1    | 1/1   |        |
| SP1MVG | 18      | 6     | 3   | SO-MIX-LP  | 2/1   | 2/1    | 2/1    | 0/0    | 0/0    | 0/0   |        |
| SP9WZJ | 12      | 4     | 3   | SO-MIX-LP  | 2/1   | 1/1    | 0/0    | 1/1    | 0/0    | 0/0   |        |
| SP8PLM | 9       | 3     | 3   | SO-MIX-QRP | 0/0   | 0/0    | 1/1    | 1/1    | 1/1    | 0/0   | SQ8NYB |
| SP2MHC | 0       | 0     | 0   | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0   |        |
| SP6INA | 0       | 0     | 0   | SO-MIX-LP  | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0   |        |
| SP2GTJ | -2      | 2     | 2   | SO-MIX-LP  | 0/0   | 1/1    | 1/1    | 0/0    | 0/0    | 0/0   |        |
| SP7MC  | 478,264 | 1,139 | 191 | SO-PH-HP   | 42/20 | 186/37 | 271/44 | 394/47 | 199/28 | 47/15 |        |
| SQ2WHH | 145,235 | 454   | 155 | SO-PH-LP   | 8/8   | 40/26  | 111/34 | 206/54 | 74/23  | 15/10 |        |
| SP4SHD | 139,284 | 451   | 146 | SO-PH-LP   | 0/0   | 58/27  | 126/42 | 200/47 | 53/21  | 14/9  |        |
| SQ2NNN | 65,208  | 255   | 132 | SO-PH-LP   | 17/17 | 41/28  | 31/23  | 117/37 | 40/19  | 9/8   |        |
| SQ1BHH | 55,836  | 225   | 94  | SO-PH-LP   | 0/0   | 0/0    | 45/28  | 137/45 | 32/14  | 11/7  |        |
| SO9W   | 49,914  | 249   | 94  | SO-PH-LP   | 0/0   | 0/0    | 30/21  | 134/37 | 56/23  | 29/13 |        |
| SP9TKW | 48,200  | 235   | 100 | SO-PH-QRP  | 8/8   | 15/14  | 30/20  | 85/28  | 71/19  | 26/11 |        |
| SP4LVK | 38,522  | 202   | 103 | SO-PH-QRP  | 5/5   | 17/13  | 29/21  | 100/34 | 41/20  | 10/10 |        |
| SP5DRE | 36,223  | 197   | 89  | SO-PH-LP   | 0/0   | 16/10  | 32/20  | 101/35 | 39/17  | 9/7   |        |
| SP4CUF | 32,967  | 212   | 81  | SO-PH-LP   | 0/0   | 4/4    | 24/16  | 140/37 | 37/17  | 7/7   |        |
| SP2JMR | 31,862  | 175   | 89  | SO-PH-HP   | 5/5   | 13/11  | 25/19  | 90/33  | 26/13  | 16/8  |        |
| SQ6SGV | 31,680  | 186   | 90  | SO-PH-LP   | 4/4   | 23/15  | 38/22  | 84/27  | 28/14  | 9/8   |        |
| SP6VWX | 27,300  | 172   | 75  | SO-PH-LP   | 1/1   | 13/10  | 1/1    | 69/27  | 47/22  | 41/14 |        |
| SQ2EAN | 26,508  | 161   | 94  | SO-PH-LP   | 14/14 | 34/22  | 34/20  | 53/23  | 23/12  | 3/3   |        |
| SQ6R   | 26,435  | 172   | 85  | SO-PH-HP   | 0/0   | 36/22  | 25/20  | 7/5    | 55/22  | 49/16 |        |
| SP2ALT | 21,744  | 152   | 72  | SO-PH-LP   | 3/3   | 4/4    | 8/8    | 79/28  | 45/18  | 13/11 |        |
| SP5GEO | 19,824  | 133   | 84  | SO-PH-LP   | 5/5   | 17/15  | 32/21  | 50/28  | 22/10  | 7/5   |        |
| SQ9GIW | 19,251  | 151   | 69  | SO-PH-HP   | 0/0   | 7/7    | 19/18  | 56/20  | 38/14  | 31/10 |        |
| SQ6UV  | 16,491  | 140   | 69  | SO-PH-LP   | 0/0   | 9/9    | 24/17  | 74/28  | 21/9   | 12/6  |        |
| SQ6ELK | 15,840  | 140   | 60  | SO-PH-LP   | 0/0   | 2/2    | 20/17  | 77/24  | 30/10  | 11/7  |        |
| SP9RTL | 15,696  | 118   | 72  | SO-PH-LP   | 10/10 | 30/21  | 32/21  | 38/15  | 8/5    | 0/0   |        |
| SP2BUW | 13,740  | 97    | 60  | SO-PH-HP   | 0/0   | 6/6    | 1/1    | 68/37  | 19/13  | 3/3   |        |
| SP6TRH | 12,972  | 101   | 69  | SO-PH-LP   | 0/0   | 29/24  | 21/18  | 22/13  | 17/7   | 12/7  |        |
| SQ2HCK | 12,629  | 117   | 73  | SO-PH-LP   | 5/5   | 23/17  | 22/15  | 25/15  | 27/13  | 15/8  |        |
| SQ2MO  | 12,462  | 115   | 67  | SO-PH-LP   | 0/0   | 32/21  | 26/22  | 39/16  | 18/8   | 0/0   |        |
| SQ8MXE | 12,104  | 96    | 68  | SO-PH-LP   | 1/1   | 15/14  | 24/21  | 24/16  | 5/3    | 27/13 |        |
| SP5ETS | 11,454  | 100   | 69  | SO-PH-LP   | 0/0   | 20/17  | 11/11  | 47/26  | 17/10  | 5/5   |        |
| SP8ALT | 11,373  | 83    | 51  | SO-PH-LP   | 0/0   | 0/0    | 2/2    | 42/26  | 34/20  | 5/3   |        |
| SQ5TF  | 11,178  | 83    | 54  | SO-PH-LP   | 0/0   | 0/0    | 1/1    | 55/35  | 25/16  | 2/2   |        |
| SQ9PPT | 10,721  | 101   | 71  | SO-PH-LP   | 8/8   | 16/14  | 12/12  | 36/18  | 24/14  | 5/5   |        |
| SP8BOZ | 10,017  | 96    | 53  | SO-PH-LP   | 0/0   | 19/12  | 17/13  | 36/14  | 22/12  | 2/2   |        |
| SP2GDK | 8,856   | 97    | 54  | SO-PH-LP   | 0/0   | 12/12  | 12/11  | 48/20  | 24/10  | 1/1   |        |
| SP8EEX | 8,470   | 85    | 55  | SO-PH-LP   | 0/0   | 7/7    | 20/17  | 43/22  | 15/9   | 0/0   |        |
| SP5XXX | 7,172   | 98    | 44  | SO-PH-LP   | 1/1   | 1/1    | 41/21  | 55/21  | 0/0    | 0/0   |        |
| SQ8F   | 5,311   | 70    | 47  | SO-PH-LP   | 0/0   | 4/4    | 24/15  | 36/22  | 6/6    | 0/0   |        |
| SP8MRD | 4,992   | 60    | 48  | SO-PH-LP   | 1/1   | 12/11  | 18/13  | 2/2    | 21/15  | 6/6   |        |
| SQ9DEO | 4,416   | 53    | 46  | SO-PH-LP   | 0/0   | 1/1    | 15/13  | 20/16  | 12/11  | 5/5   |        |

|        |       |    |    |           |       |       |       |       |      |     |        |
|--------|-------|----|----|-----------|-------|-------|-------|-------|------|-----|--------|
| SP8ONB | 4,375 | 68 | 35 | SO-PH-LP  | 0/0   | 0/0   | 68/35 | 0/0   | 0/0  | 0/0 |        |
| SP3LD  | 4,368 | 67 | 39 | SO-PH-LP  | 6/6   | 4/4   | 5/5   | 44/18 | 7/5  | 1/1 |        |
| SQ8MXK | 3,510 | 55 | 45 | SO-PH-LP  | 0/0   | 0/0   | 22/19 | 13/12 | 13/8 | 7/6 |        |
| SP4TB  | 3,420 | 48 | 30 | SO-PH-LP  | 0/0   | 0/0   | 24/16 | 23/13 | 1/1  | 0/0 |        |
| HF7ST  | 3,360 | 57 | 40 | SO-PH-LP  | 3/3   | 14/11 | 12/8  | 21/12 | 5/4  | 2/2 |        |
| SP2GR  | 3,304 | 68 | 28 | SO-PH-LP  | 0/0   | 0/0   | 0/0   | 68/28 | 0/0  | 0/0 |        |
| SP3FXC | 2,730 | 46 | 42 | SO-PH-LP  | 15/15 | 4/4   | 10/10 | 0/0   | 13/9 | 4/4 |        |
| SP9MQA | 2,541 | 44 | 33 | SO-PH-LP  | 1/1   | 3/3   | 19/16 | 15/9  | 4/2  | 2/2 |        |
| SP9TDA | 2,160 | 46 | 36 | SO-PH-LP  | 1/1   | 4/4   | 1/1   | 29/19 | 6/6  | 5/5 |        |
| SQ8A   | 2,106 | 43 | 26 | SO-PH-LP  | 0/0   | 3/3   | 5/5   | 35/18 | 0/0  | 0/0 |        |
| SP2TQQ | 1,856 | 43 | 32 | SO-PH-LP  | 0/0   | 0/0   | 22/18 | 16/13 | 0/0  | 5/1 |        |
| SP3PW  | 1,785 | 58 | 17 | SO-PH-LP  | 0/0   | 0/0   | 0/0   | 58/17 | 0/0  | 0/0 |        |
| SQ5EXM | 1,680 | 28 | 16 | SO-PH-HP  | 0/0   | 0/0   | 0/0   | 26/14 | 2/2  | 0/0 |        |
| SP8GK  | 1,593 | 36 | 27 | SO-PH-LP  | 0/0   | 12/7  | 3/3   | 17/13 | 4/4  | 0/0 |        |
| SQ3MZ  | 1,295 | 37 | 37 | SO-PH-LP  | 3/3   | 10/10 | 9/9   | 10/10 | 4/4  | 1/1 |        |
| SP1FPG | 1,080 | 29 | 27 | SO-PH-LP  | 0/0   | 0/0   | 29/27 | 0/0   | 0/0  | 0/0 |        |
| SO5MAX | 1,000 | 30 | 25 | SO-PH-LP  | 10/9  | 10/8  | 3/3   | 7/5   | 0/0  | 0/0 |        |
| SP2JBJ | 897   | 35 | 23 | SO-PH-LP  | 0/0   | 5/5   | 4/4   | 26/14 | 0/0  | 0/0 |        |
| SQ8SBZ | 819   | 30 | 21 | SO-PH-LP  | 0/0   | 30/21 | 0/0   | 0/0   | 0/0  | 0/0 |        |
| SQ7PSS | 817   | 24 | 19 | SO-PH-LP  | 0/0   | 9/8   | 0/0   | 13/9  | 0/0  | 2/2 |        |
| SQ8JLF | 742   | 26 | 14 | SO-PH-LP  | 0/0   | 3/3   | 2/2   | 20/8  | 1/1  | 0/0 |        |
| SP2ZCI | 680   | 30 | 20 | SO-PH-LP  | 0/0   | 6/6   | 0/0   | 24/14 | 0/0  | 0/0 | SP2BMO |
| SP9CVQ | 620   | 21 | 20 | SO-PH-LP  | 3/3   | 6/6   | 3/3   | 9/8   | 0/0  | 0/0 |        |
| SQ1M   | 476   | 21 | 17 | SO-PH-LP  | 0/0   | 21/17 | 0/0   | 0/0   | 0/0  | 0/0 |        |
| SQ8MFB | 435   | 22 | 15 | SO-PH-QRP | 0/0   | 0/0   | 0/0   | 15/9  | 7/6  | 0/0 |        |
| SQ3DOM | 140   | 9  | 7  | SO-PH-QRP | 0/0   | 0/0   | 0/0   | 9/7   | 0/0  | 0/0 |        |
| SQ8JMC | 130   | 10 | 10 | SO-PH-LP  | 0/0   | 1/1   | 2/2   | 2/2   | 4/4  | 1/1 |        |
| SQ9JXO | 96    | 10 | 8  | SO-PH-LP  | 0/0   | 10/8  | 0/0   | 0/0   | 0/0  | 0/0 |        |
| SN6P   | 36    | 6  | 6  | SO-PH-LP  | 1/1   | 1/1   | 1/1   | 1/1   | 1/1  | 1/1 |        |
| SP8POP | 30    | 7  | 5  | SO-PH-LP  | 0/0   | 1/1   | 4/2   | 1/1   | 1/1  | 0/0 | SP8MRD |
| SP8OOB | 25    | 5  | 5  | SO-PH-LP  | 1/1   | 1/1   | 1/1   | 1/1   | 1/1  | 0/0 |        |
| SQ5BIH | 25    | 5  | 5  | SO-PH-LP  | 0/0   | 1/1   | 1/1   | 1/1   | 1/1  | 1/1 |        |
| SP3JP  | 16    | 4  | 4  | SO-PH-LP  | 0/0   | 1/1   | 1/1   | 0/0   | 1/1  | 1/1 |        |
| SP8BRE | 16    | 4  | 4  | SO-PH-LP  | 0/0   | 1/1   | 1/1   | 1/1   | 1/1  | 0/0 |        |
| SQ7NPA | 16    | 4  | 4  | SO-PH-HP  | 0/0   | 1/1   | 1/1   | 1/1   | 1/1  | 0/0 |        |
| SP6RTV | 9     | 3  | 3  | SO-PH-LP  | 1/1   | 1/1   | 1/1   | 0/0   | 0/0  | 0/0 |        |
| SQ9DXT | 9     | 3  | 3  | SO-PH-LP  | 0/0   | 1/1   | 1/1   | 0/0   | 0/0  | 1/1 |        |
| SQ6STD | 6     | 3  | 3  | SO-PH-LP  | 0/0   | 0/0   | 1/1   | 2/2   | 0/0  | 0/0 |        |
| SP2ATJ | 4     | 2  | 2  | SO-PH-LP  | 0/0   | 1/1   | 1/1   | 0/0   | 0/0  | 0/0 |        |
| SP3HUF | 4     | 2  | 2  | SO-PH-LP  | 0/0   | 1/1   | 1/1   | 0/0   | 0/0  | 0/0 |        |
| SP3PFQ | 4     | 2  | 2  | SO-PH-LP  | 0/0   | 1/1   | 1/1   | 0/0   | 0/0  | 0/0 | SP3HUF |
| SP4KHM | 4     | 2  | 2  | SO-PH-LP  | 0/0   | 1/1   | 1/1   | 0/0   | 0/0  | 0/0 | SP4EJZ |
| SP7GXK | 1     | 1  | 1  | SO-PH-LP  | 1/1   | 0/0   | 0/0   | 0/0   | 0/0  | 0/0 |        |
| SP6LZA | -5    | 1  | 1  | SO-PH-LP  | 0/0   | 1/1   | 0/0   | 0/0   | 0/0  | 0/0 |        |

|        |           |       |     |            |        |        |        |        |        |       |        |
|--------|-----------|-------|-----|------------|--------|--------|--------|--------|--------|-------|--------|
| SN8T   | 464,286   | 823   | 223 | SO-CW-LP   | 20/16  | 186/33 | 155/52 | 232/60 | 180/48 | 50/14 | SP8BVN |
| SP1D   | 380,016   | 765   | 182 | SO-CW-LP   | 50/22  | 140/35 | 157/33 | 250/44 | 129/33 | 39/15 |        |
| SP1AEN | 306,064   | 634   | 176 | SO-CW-LP   | 30/23  | 132/33 | 184/54 | 195/39 | 86/24  | 7/3   |        |
| SN2N   | 188,256   | 475   | 159 | SO-CW-HP   | 35/21  | 22/18  | 82/32  | 239/52 | 72/23  | 25/13 | SP2FVN |
| SP9PKZ | 177,192   | 567   | 138 | SO-CW-LP   | 3/3    | 133/25 | 170/39 | 203/46 | 37/14  | 21/11 | SP9ADU |
| SP9ENV | 146,580   | 420   | 140 | SO-CW-LP   | 14/8   | 66/26  | 100/38 | 164/41 | 56/18  | 20/9  |        |
| SN5F   | 136,456   | 637   | 74  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 637/74 | 0/0    | 0/0   |        |
| SP5AUC | 122,808   | 610   | 86  | SO-CW-HP   | 56/12  | 52/8   | 169/19 | 225/29 | 70/11  | 38/7  |        |
| SP3VT  | 113,230   | 383   | 130 | SO-CW-LP   | 0/0    | 57/21  | 101/33 | 192/51 | 25/19  | 8/6   |        |
| SP9R   | 91,826    | 416   | 98  | SO-CW-LP   | 0/0    | 0/0    | 139/32 | 157/32 | 104/24 | 16/10 | SP9BRP |
| SP9DLY | 82,004    | 348   | 83  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 218/45 | 105/28 | 25/10 |        |
| SP9KAG | 71,500    | 302   | 110 | SO-CW-LP   | 0/0    | 88/28  | 70/33  | 85/23  | 37/15  | 22/11 | SP9CXN |
| SO1RON | 69,750    | 343   | 90  | SO-CW-LP   | 0/0    | 2/2    | 102/32 | 151/33 | 78/19  | 10/4  |        |
| SQ8IJZ | 67,700    | 288   | 100 | SO-CW-LP   | 0/0    | 57/22  | 106/36 | 102/30 | 21/10  | 2/2   |        |
| SP5LGT | 48,672    | 371   | 52  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 371/52 | 0/0    | 0/0   | LA7MFA |
| SP9JPA | 41,736    | 205   | 94  | SO-CW-LP   | 0/0    | 11/10  | 50/26  | 116/40 | 14/9   | 14/9  |        |
| SP6AAT | 32,390    | 290   | 41  | SO-CW-LP   | 0/0    | 11/5   | 170/20 | 88/9   | 21/7   | 0/0   |        |
| SP3AMO | 27,744    | 177   | 96  | SO-CW-LP   | 23/19  | 7/7    | 51/25  | 58/22  | 14/9   | 24/14 |        |
| SP9EMI | 27,720    | 152   | 84  | SO-CW-HP   | 2/2    | 7/7    | 35/22  | 50/26  | 42/17  | 16/10 |        |
| SP7OGP | 24,960    | 147   | 80  | SO-CW-LP   | 0/0    | 30/23  | 30/21  | 47/22  | 39/13  | 1/1   |        |
| SP9IBJ | 24,058    | 214   | 46  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 214/46 | 0/0    | 0/0   |        |
| SO5WD  | 16,416    | 148   | 57  | SO-CW-LP   | 0/0    | 26/8   | 53/19  | 41/19  | 22/8   | 6/3   |        |
| SP2HOU | 15,015    | 160   | 33  | SO-CW-LP   | 0/0    | 0/0    | 70/18  | 90/15  | 0/0    | 0/0   |        |
| SQ5IRH | 14,996    | 154   | 46  | SO-CW-LP   | 0/0    | 46/10  | 19/11  | 76/17  | 12/7   | 1/1   |        |
| SP2HMY | 13,926    | 173   | 33  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 173/33 | 0/0    | 0/0   |        |
| SP2BLC | 13,616    | 142   | 37  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 142/37 | 0/0    | 0/0   |        |
| SP3FPF | 10,296    | 141   | 33  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 0/0    | 141/33 | 0/0   |        |
| SP2HHX | 5,325     | 78    | 25  | SO-CW-LP   | 0/0    | 0/0    | 6/6    | 72/19  | 0/0    | 0/0   |        |
| SN4A   | 4,200     | 64    | 35  | SO-CW-HP   | 0/0    | 0/0    | 16/12  | 28/14  | 3/3    | 17/6  | SP2HHX |
| SP5ULV | 3,720     | 53    | 24  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 53/24  | 0/0    | 0/0   |        |
| SQ3MZU | 1,560     | 47    | 20  | SO-CW-LP   | 0/0    | 0/0    | 18/10  | 28/9   | 1/1    | 0/0   |        |
| SP9MDY | 440       | 20    | 20  | SO-CW-LP   | 1/1    | 1/1    | 1/1    | 6/6    | 4/4    | 7/7   |        |
| SQ5WWK | 414       | 22    | 18  | SO-CW-LP   | 0/0    | 5/5    | 17/13  | 0/0    | 0/0    | 0/0   |        |
| SP9ICU | 240       | 18    | 10  | SO-CW-LP   | 0/0    | 0/0    | 18/10  | 0/0    | 0/0    | 0/0   |        |
| SN15UE | 168       | 12    | 12  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 6/6    | 6/6    | 0/0   |        |
| SQ8LUV | 144       | 12    | 12  | SO-CW-LP   | 0/0    | 12/12  | 0/0    | 0/0    | 0/0    | 0/0   |        |
| SP5LXR | 80        | 4     | 4   | SO-CW-LP   | 0/0    | 0/0    | 2/2    | 0/0    | 1/1    | 1/1   |        |
| SP1EGN | -55       | 11    | 11  | SO-CW-LP   | 0/0    | 0/0    | 9/9    | 2/2    | 0/0    | 0/0   |        |
| SO4M   | 1,716,534 | 1,935 | 282 | SOU-MIX-HP | 29/22  | 162/47 | 644/67 | 899/88 | 159/37 | 42/21 | SP5UAF |
| SP9H   | 622,692   | 911   | 252 | SOU-MIX-LP | 32/22  | 129/44 | 190/46 | 343/74 | 150/45 | 67/21 |        |
| SP3PWL | 226,047   | 632   | 151 | SOU-MIX-HP | 17/12  | 105/22 | 132/41 | 313/49 | 52/17  | 13/10 | SQ3JPV |
| SQ3M   | 208,828   | 713   | 148 | SOU-MIX-HP | 6/6    | 86/26  | 274/36 | 285/54 | 35/15  | 27/11 |        |
| SP6FXV | 113,344   | 304   | 154 | SOU-MIX-HP | 0/0    | 7/6    | 70/48  | 136/59 | 52/24  | 39/17 |        |
| SP3HLM | 68,849    | 263   | 121 | SOU-MIX-HP | 123/32 | 0/0    | 0/0    | 60/43  | 44/28  | 36/18 |        |

|        |         |       |     |            |       |       |        |        |        |       |        |
|--------|---------|-------|-----|------------|-------|-------|--------|--------|--------|-------|--------|
| SP8LBK | 59,500  | 217   | 125 | SOU-MIX-LP | 27/17 | 46/27 | 49/30  | 69/33  | 20/13  | 6/5   |        |
| SQ7OXU | 41,616  | 253   | 72  | SOU-MIX-HP | 2/1   | 8/7   | 119/20 | 100/36 | 5/4    | 19/4  |        |
| SP2MKI | 33,040  | 200   | 59  | SOU-MIX-LP | 0/0   | 2/1   | 20/13  | 146/28 | 18/10  | 14/7  |        |
| SP2V   | 24,288  | 140   | 96  | SOU-MIX-HP | 15/15 | 27/22 | 33/25  | 54/26  | 10/7   | 1/1   |        |
| SP3MEP | 22,230  | 153   | 65  | SOU-MIX-LP | 8/6   | 8/7   | 43/19  | 74/19  | 13/10  | 7/4   |        |
| SP3BBS | 13,585  | 131   | 55  | SOU-MIX-LP | 2/1   | 4/3   | 25/15  | 77/22  | 18/9   | 5/5   |        |
| SP6MQO | 13,068  | 100   | 54  | SOU-MIX-LP | 2/1   | 2/1   | 22/15  | 54/24  | 14/9   | 6/4   |        |
| SP3QDM | 10,455  | 69    | 51  | SOU-MIX-HP | 11/10 | 7/5   | 7/6    | 24/14  | 14/12  | 6/4   |        |
| SP2WGB | 6,700   | 84    | 50  | SOU-MIX-LP | 5/4   | 9/8   | 29/21  | 28/11  | 1/1    | 12/5  |        |
| SP5ELA | 5,125   | 77    | 25  | SOU-MIX-LP | 2/1   | 8/3   | 54/14  | 1/1    | 1/1    | 11/5  |        |
| SP6CC  | 4,750   | 65    | 50  | SOU-MIX-LP | 4/3   | 15/11 | 18/17  | 19/12  | 5/4    | 4/3   |        |
| SP8HXN | 4,305   | 63    | 35  | SOU-MIX-HP | 0/0   | 2/1   | 12/8   | 10/8   | 16/8   | 23/10 |        |
| SP5ES  | 3,828   | 58    | 29  | SOU-MIX-LP | 4/2   | 21/8  | 14/7   | 14/9   | 3/2    | 2/1   |        |
| SP9SMD | 3,549   | 53    | 39  | SOU-MIX-LP | 2/1   | 5/4   | 19/19  | 24/13  | 2/1    | 1/1   |        |
| SQ9IWT | 1,782   | 38    | 22  | SOU-MIX-LP | 2/1   | 2/1   | 12/7   | 11/7   | 8/4    | 3/2   |        |
| SP7TEX | 1,564   | 40    | 23  | SOU-MIX-LP | 2/1   | 2/1   | 11/10  | 21/9   | 2/1    | 2/1   |        |
| SP3GTS | 1,450   | 50    | 25  | SOU-MIX-HP | 0/0   | 0/0   | 50/25  | 0/0    | 0/0    | 0/0   |        |
| SO9U   | 819     | 26    | 21  | SOU-MIX-LP | 2/1   | 11/10 | 2/1    | 3/3    | 4/3    | 4/3   |        |
| SQ6LJV | 700     | 20    | 14  | SOU-MIX-HP | 0/0   | 0/0   | 0/0    | 13/10  | 0/0    | 7/4   |        |
| SO5N   | 532     | 23    | 14  | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 4/3    | 2/1    | 11/7  | SP5BMU |
| SP9OJM | 260     | 20    | 13  | SOU-MIX-LP | 2/1   | 2/1   | 6/5    | 6/4    | 2/1    | 2/1   |        |
| SP3JDZ | 220     | 14    | 10  | SOU-MIX-LP | 3/2   | 3/2   | 2/1    | 0/0    | 1/1    | 5/4   |        |
| SO7A   | 72      | 12    | 6   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 2/1    | 2/1    | 2/1   | SP7MOC |
| SP2FCR | 72      | 12    | 6   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 2/1    | 2/1    | 2/1   |        |
| SP2KCW | 72      | 12    | 6   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 2/1    | 2/1    | 2/1   |        |
| SP2PTU | 72      | 12    | 6   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 2/1    | 2/1    | 2/1   | SQ2DMF |
| SP3CCR | 72      | 12    | 6   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 2/1    | 2/1    | 2/1   |        |
| SP3FHV | 72      | 12    | 6   | SOU-MIX-LP | 2/1   | 2/1   | 2/1    | 2/1    | 2/1    | 2/1   |        |
| SP6IHE | 72      | 12    | 6   | SOU-MIX-LP | 2/1   | 2/1   | 2/1    | 2/1    | 2/1    | 2/1   |        |
| SQ5LTL | 72      | 12    | 6   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 2/1    | 2/1    | 2/1   |        |
| SP8AJK | 66      | 12    | 6   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 2/1    | 2/1    | 2/1   |        |
| SP2GJV | 60      | 11    | 6   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 1/1    | 2/1    | 2/1   |        |
| SQ2DMU | 60      | 11    | 6   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 2/1    | 2/1    | 1/1   |        |
| SP1IVL | 50      | 10    | 5   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 2/1    | 0/0    | 2/1   |        |
| SP3LPR | 50      | 10    | 5   | SOU-MIX-HP | 2/1   | 2/1   | 2/1    | 2/1    | 0/0    | 2/1   |        |
| SP2DKI | 28      | 7     | 4   | SOU-MIX-LP | 2/1   | 2/1   | 0/0    | 0/0    | 1/1    | 2/1   |        |
| SP1GA  | 401,524 | 1,148 | 148 | SOU-PH-HP  | 52/19 | 92/25 | 264/29 | 656/54 | 47/11  | 37/10 |        |
| SN8K   | 373,222 | 870   | 181 | SOU-PH-HP  | 11/11 | 26/19 | 122/42 | 496/60 | 175/32 | 40/17 |        |
| SQ9HZM | 272,792 | 738   | 172 | SOU-PH-HP  | 12/12 | 30/22 | 237/38 | 363/61 | 67/24  | 29/15 |        |
| SP6DVP | 142,494 | 470   | 127 | SOU-PH-LP  | 0/0   | 0/0   | 165/42 | 180/53 | 103/21 | 22/11 |        |
| SP5GNI | 123,409 | 389   | 143 | SOU-PH-HP  | 0/0   | 29/20 | 63/29  | 185/52 | 74/25  | 38/17 |        |
| SO9I   | 70,956  | 360   | 108 | SOU-PH-LP  | 0/0   | 63/19 | 79/30  | 175/34 | 33/15  | 10/10 | SQ9ORQ |
| SN3R   | 54,516  | 282   | 77  | SOU-PH-LP  | 0/0   | 0/0   | 71/28  | 211/49 | 0/0    | 0/0   | SP1SR  |
| SP9WPN | 52,173  | 239   | 99  | SOU-PH-LP  | 0/0   | 2/2   | 47/33  | 107/40 | 54/14  | 29/10 |        |

|         |           |       |     |           |        |        |        |          |        |        |                                                                               |
|---------|-----------|-------|-----|-----------|--------|--------|--------|----------|--------|--------|-------------------------------------------------------------------------------|
| SQ7OVT  | 39,390    | 189   | 101 | SOU-PH-LP | 0/0    | 35/23  | 34/23  | 85/32    | 23/13  | 12/10  |                                                                               |
| SP5GMM  | 32,398    | 167   | 97  | SOU-PH-HP | 1/1    | 7/7    | 46/32  | 57/30    | 23/14  | 33/13  |                                                                               |
| SP3AYA  | 24,525    | 165   | 75  | SOU-PH-LP | 0/0    | 25/18  | 39/24  | 99/31    | 0/0    | 2/2    |                                                                               |
| SP3QDX  | 12,075    | 97    | 75  | SOU-PH-LP | 1/1    | 13/12  | 21/19  | 38/25    | 9/8    | 15/10  |                                                                               |
| SN2L    | 2,754     | 52    | 51  | SOU-PH-HP | 0/0    | 18/18  | 22/22  | 12/11    | 0/0    | 0/0    |                                                                               |
| SQ4AVD  | 2,173     | 42    | 41  | SOU-PH-LP | 0/0    | 3/3    | 8/8    | 19/18    | 8/8    | 4/4    |                                                                               |
| SQ9NIU  | 2,146     | 38    | 37  | SOU-PH-HP | 1/1    | 17/17  | 1/1    | 15/14    | 3/3    | 1/1    |                                                                               |
| SP8TZ   | 854       | 19    | 14  | SOU-PH-LP | 0/0    | 1/1    | 1/1    | 16/11    | 1/1    | 0/0    |                                                                               |
| SQ5PMB  | 80        | 8     | 8   | SOU-PH-LP | 0/0    | 2/2    | 3/3    | 3/3      | 0/0    | 0/0    |                                                                               |
| SP2NNO  | 36        | 6     | 6   | SOU-PH-HP | 1/1    | 1/1    | 1/1    | 1/1      | 1/1    | 1/1    | SQ9NIU                                                                        |
| SN7Q    | 3,097,926 | 2,593 | 351 | SOU-CW-HP | 43/39  | 268/59 | 619/72 | 1,096/86 | 527/65 | 40/30  | SP7GIQ                                                                        |
| SP2LNW  | 1,376,261 | 1,299 | 313 | SOU-CW-HP | 86/37  | 182/53 | 329/69 | 497/81   | 155/51 | 50/22  |                                                                               |
| SN7O    | 1,302,234 | 1,568 | 289 | SOU-CW-LP | 110/36 | 237/51 | 511/57 | 509/78   | 152/47 | 49/20  | SP7IVO                                                                        |
| SP4JCQ  | 1,063,132 | 1,182 | 301 | SOU-CW-LP | 40/30  | 225/49 | 308/71 | 460/81   | 118/47 | 31/23  |                                                                               |
| SP1NY   | 902,844   | 1,201 | 279 | SOU-CW-HP | 62/34  | 213/47 | 252/61 | 531/78   | 118/44 | 25/15  |                                                                               |
| SP3HRN  | 592,821   | 1,125 | 199 | SOU-CW-LP | 0/0    | 178/41 | 371/50 | 449/67   | 107/31 | 20/10  |                                                                               |
| SP3A    | 441,630   | 688   | 210 | SOU-CW-HP | 18/18  | 73/34  | 69/42  | 427/71   | 99/43  | 2/2    |                                                                               |
| SN1W    | 284,700   | 667   | 146 | SOU-CW-HP | 0/0    | 150/43 | 290/45 | 207/46   | 20/12  | 0/0    |                                                                               |
| SN5N    | 184,080   | 644   | 118 | SOU-CW-HP | 0/0    | 198/35 | 110/13 | 206/26   | 109/36 | 21/8   | SP5KP                                                                         |
| SQ8LUU  | 141,120   | 532   | 120 | SOU-CW-HP | 0/0    | 146/27 | 129/30 | 108/26   | 112/27 | 37/10  |                                                                               |
| SP5TT   | 110,780   | 298   | 145 | SOU-CW-HP | 32/22  | 32/18  | 80/43  | 103/38   | 35/16  | 16/8   |                                                                               |
| SP9MZH  | 48,285    | 220   | 87  | SOU-CW-HP | 0/0    | 0/0    | 69/25  | 90/29    | 39/19  | 22/14  |                                                                               |
| SP3DOF  | 34,207    | 203   | 79  | SOU-CW-LP | 0/0    | 61/20  | 31/17  | 104/36   | 4/4    | 3/2    |                                                                               |
| SP5I    | 1,649     | 29    | 17  | SOU-CW-HP | 0/0    | 0/0    | 1/1    | 11/8     | 11/4   | 6/4    |                                                                               |
| SP5AUY  | 798       | 19    | 14  | SOU-CW-HP | 0/0    | 0/0    | 0/0    | 0/0      | 19/14  | 0/0    |                                                                               |
| SP2HWW  | 688       | 20    | 16  | SOU-CW-LP | 0/0    | 0/0    | 0/0    | 20/16    | 0/0    | 0/0    |                                                                               |
| SO4R    | 1,056,025 | 1,649 | 265 | MSHP      | 96/32  | 198/52 | 488/71 | 674/66   | 143/27 | 50/17  | SP4G, SP4TKR, SP5C                                                            |
| SP2KPD  | 627,882   | 1,092 | 227 | MSHP      | 42/23  | 144/35 | 230/44 | 463/71   | 160/37 | 53/17  | SP2DKI, SP2IJ, SP2MKI, SP2MKT                                                 |
| SN7H    | 544,646   | 1,274 | 193 | MSHP      | 49/22  | 255/41 | 347/41 | 542/60   | 55/19  | 26/10  | SP3H, SP7LIE, SP7Q, SP7V, SQ7LRT                                              |
| 3Z1K    | 282,805   | 776   | 163 | MSHP      | 9/7    | 68/22  | 227/43 | 328/56   | 74/18  | 70/17  | SP1IVL, SP3LPR, SQ1WO                                                         |
| SN9H    | 68,655    | 322   | 115 | MSHP      | 0/0    | 51/23  | 108/35 | 118/31   | 40/21  | 5/5    | SO5AM, SP5XMI, SP6BEL, SP6MAR, SQ8LHI, SQ9NJE, SQ9SAT, SQ9WTF, SQ9ZAQ, SQ9ZBF |
| SN3P    | 33,582    | 184   | 87  | MSHP      | 8/8    | 9/9    | 33/18  | 53/23    | 57/20  | 24/9   | SP3QFZ, SP3YM                                                                 |
| SP9KJU  | 20,790    | 147   | 99  | MSHP      | 1/1    | 31/21  | 40/26  | 33/22    | 26/15  | 16/14  | SP9-31Ø48, SP9MDY                                                             |
| SP9ZCF  | 2,296     | 34    | 28  | MSHP      | 3/2    | 5/4    | 9/8    | 10/8     | 6/5    | 1/1    | SP9CVQ, SP9FMP                                                                |
| SP3ZHP  | 9         | 3     | 3   | MSHP      | 1/1    | 0/0    | 0/0    | 0/0      | 1/1    | 1/1    | SP3QDM, SQ3JPV                                                                |
| SP9YDX  | 4         | 2     | 2   | MSHP      | 0/0    | 0/0    | 0/0    | 1/1      | 0/0    | 1/1    | SP9QMP, SP9XCN                                                                |
|         |           |       |     |           |        |        |        |          |        |        |                                                                               |
| Romania |           |       |     |           |        |        |        |          |        |        |                                                                               |
| YO7WC   | 539,550   | 1,142 | 218 | SO-MIX-LP | 61/25  | 120/34 | 152/42 | 422/59   | 216/33 | 171/25 |                                                                               |
| YO4AR   | 146,853   | 609   | 111 | SO-MIX-HP | 0/0    | 124/25 | 157/30 | 252/37   | 51/13  | 25/6   |                                                                               |
| YO3GNF  | 138,282   | 539   | 114 | SO-MIX-HP | 0/0    | 10/5   | 134/34 | 352/52   | 36/17  | 7/6    |                                                                               |
| YO4AAC  | 96,594    | 428   | 102 | SO-MIX-LP | 6/2    | 24/11  | 76/20  | 187/31   | 110/26 | 25/12  |                                                                               |
| YO8BDW  | 75,174    | 397   | 102 | SO-MIX-LP | 0/0    | 114/26 | 86/25  | 134/28   | 59/19  | 4/4    |                                                                               |

|            |         |       |     |           |       |       |        |        |        |       |  |
|------------|---------|-------|-----|-----------|-------|-------|--------|--------|--------|-------|--|
| YO9FYP     | 65,241  | 322   | 99  | SO-MIX-LP | 0/0   | 28/15 | 25/15  | 199/37 | 48/19  | 22/13 |  |
| YO6BLM     | 32,277  | 206   | 87  | SO-MIX-LP | 0/0   | 0/0   | 29/17  | 72/26  | 84/29  | 21/15 |  |
| YO5OAC     | 21,550  | 191   | 50  | SO-MIX-LP | 0/0   | 0/0   | 3/2    | 150/34 | 37/13  | 1/1   |  |
| YO2CMI     | 21,459  | 161   | 69  | SO-MIX-LP | 2/2   | 5/3   | 50/21  | 59/20  | 22/9   | 23/14 |  |
| YO2LDU     | 20,160  | 180   | 64  | SO-MIX-LP | 0/0   | 35/13 | 71/16  | 59/25  | 13/8   | 2/2   |  |
| YO9BXE     | 17,928  | 127   | 83  | SO-MIX-LP | 0/0   | 15/14 | 23/21  | 45/26  | 29/13  | 15/9  |  |
| YO4SI      | 12,054  | 115   | 49  | SO-MIX-LP | 7/5   | 11/7  | 9/6    | 68/17  | 15/9   | 5/5   |  |
| YO2GL      | 11,234  | 103   | 41  | SO-MIX-LP | 9/7   | 9/4   | 36/12  | 28/7   | 10/5   | 11/6  |  |
| YO3JW      | 3,402   | 58    | 21  | SO-MIX-LP | 2/1   | 2/1   | 48/15  | 6/4    | 0/0    | 0/0   |  |
| YO2MJZ     | 1,968   | 54    | 24  | SO-MIX-LP | 0/0   | 0/0   | 54/24  | 0/0    | 0/0    | 0/0   |  |
| YO2MTG     | 234     | 11    | 9   | SO-MIX-LP | 0/0   | 0/0   | 7/6    | 0/0    | 4/3    | 0/0   |  |
| YO2DD      | 152     | 11    | 8   | SO-MIX-LP | 2/1   | 3/2   | 2/1    | 2/2    | 1/1    | 1/1   |  |
| YO3RU      | 278,475 | 1,015 | 141 | SO-PH-HP  | 0/0   | 32/18 | 104/32 | 610/54 | 211/26 | 58/11 |  |
| YO3FLM     | 53,144  | 250   | 104 | SO-PH-LP  | 0/0   | 9/8   | 45/23  | 99/31  | 70/25  | 27/17 |  |
| YO9IAB     | 32,964  | 216   | 82  | SO-PH-LP  | 0/0   | 31/18 | 88/31  | 97/33  | 0/0    | 0/0   |  |
| YO3BA      | 21,318  | 174   | 57  | SO-PH-LP  | 0/0   | 1/1   | 7/7    | 141/31 | 14/9   | 11/9  |  |
| YO7LDT     | 20,664  | 151   | 82  | SO-PH-LP  | 5/5   | 21/18 | 9/7    | 85/26  | 20/15  | 11/11 |  |
| YO7FEY     | 11,952  | 95    | 72  | SO-PH-LP  | 5/5   | 13/13 | 13/12  | 26/17  | 26/14  | 12/11 |  |
| YO8SSQ/P   | 5,852   | 76    | 44  | SO-PH-LP  | 0/0   | 0/0   | 21/16  | 55/28  | 0/0    | 0/0   |  |
| YO5IA      | 5,832   | 68    | 54  | SO-PH-LP  | 0/0   | 10/10 | 20/20  | 30/20  | 8/4    | 0/0   |  |
| YO9IOE     | 5,704   | 73    | 46  | SO-PH-LP  | 0/0   | 3/3   | 23/18  | 47/25  | 0/0    | 0/0   |  |
| YO4BXX     | 4,680   | 69    | 52  | SO-PH-LP  | 0/0   | 9/8   | 14/14  | 33/19  | 8/6    | 5/5   |  |
| YO6KGS     | 4,628   | 61    | 52  | SO-PH-LP  | 0/0   | 10/10 | 19/19  | 25/19  | 7/4    | 0/0   |  |
| YO2LXW     | 4,508   | 67    | 46  | SO-PH-LP  | 4/4   | 9/9   | 19/11  | 18/11  | 13/7   | 4/4   |  |
| YO8SBR     | 3,425   | 66    | 25  | SO-PH-LP  | 0/0   | 0/0   | 4/4    | 62/21  | 0/0    | 0/0   |  |
| YO/YU7ZZ/P | 2,400   | 43    | 32  | SO-PH-QRP | 0/0   | 0/0   | 16/15  | 27/17  | 0/0    | 0/0   |  |
| YO5ER      | 1,406   | 27    | 19  | SO-PH-LP  | 0/0   | 0/0   | 0/0    | 26/18  | 0/0    | 1/1   |  |
| YO9FLL     | 986     | 31    | 17  | SO-PH-LP  | 0/0   | 0/0   | 0/0    | 0/0    | 26/13  | 5/4   |  |
| YO8AGA/P   | 9       | 3     | 3   | SO-PH-QRP | 0/0   | 0/0   | 3/3    | 0/0    | 0/0    | 0/0   |  |
| YO9AYN     | 92,120  | 356   | 94  | SO-CW-LP  | 0/0   | 0/0   | 0/0    | 263/52 | 83/36  | 10/6  |  |
| YO3GCL     | 71,500  | 470   | 55  | SO-CW-LP  | 0/0   | 0/0   | 0/0    | 470/55 | 0/0    | 0/0   |  |
| YO2QY      | 48,118  | 208   | 98  | SO-CW-LP  | 0/0   | 9/6   | 53/27  | 100/35 | 25/18  | 21/12 |  |
| YO4CAI     | 47,500  | 273   | 95  | SO-CW-LP  | 9/7   | 11/8  | 70/22  | 101/27 | 62/20  | 20/11 |  |
| YO4BEX     | 39,600  | 402   | 45  | SO-CW-LP  | 0/0   | 0/0   | 0/0    | 402/45 | 0/0    | 0/0   |  |
| YO2BLX     | 34,220  | 204   | 59  | SO-CW-LP  | 0/0   | 51/10 | 48/14  | 48/17  | 47/13  | 10/5  |  |
| YO8RSL     | 27,716  | 201   | 82  | SO-CW-QRP | 0/0   | 58/26 | 57/19  | 54/19  | 29/15  | 3/3   |  |
| YO9CB      | 21,854  | 209   | 49  | SO-CW-LP  | 0/0   | 0/0   | 60/19  | 140/25 | 9/5    | 0/0   |  |
| YO7LYM     | 14,601  | 243   | 31  | SO-CW-LP  | 3/3   | 6/3   | 44/4   | 142/13 | 36/5   | 12/3  |  |
| YO6HSU     | 12,654  | 114   | 57  | SO-CW-LP  | 6/6   | 8/6   | 4/2    | 49/17  | 43/22  | 4/4   |  |
| YO5DAS     | 10,934  | 94    | 71  | SO-CW-LP  | 10/10 | 10/8  | 17/13  | 28/18  | 20/15  | 9/7   |  |
| YO2IS      | 10,560  | 139   | 32  | SO-CW-LP  | 0/0   | 0/0   | 0/0    | 139/32 | 0/0    | 0/0   |  |
| YO4CSL     | 8,084   | 101   | 43  | SO-CW-LP  | 0/0   | 24/12 | 0/0    | 5/5    | 51/13  | 21/13 |  |
| YO2CEQ     | 6,201   | 70    | 39  | SO-CW-LP  | 0/0   | 0/0   | 26/15  | 14/8   | 24/10  | 6/6   |  |
| YO7AKY     | 1,620   | 40    | 27  | SO-CW-QRP | 0/0   | 5/5   | 5/5    | 14/9   | 11/5   | 5/3   |  |

|            |           |       |     |            |        |        |        |          |        |        |                                       |
|------------|-----------|-------|-----|------------|--------|--------|--------|----------|--------|--------|---------------------------------------|
| YO4FZX     | 1,170     | 33    | 18  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 20/10    | 0/0    | 13/8   |                                       |
| YO9HG      | 224       | 20    | 8   | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 0/0      | 20/8   | 0/0    |                                       |
| YO7CVL     | 84,180    | 354   | 115 | SOU-MIX-LP | 0/0    | 72/27  | 111/29 | 101/31   | 47/18  | 23/10  |                                       |
| YO7ARY     | 44,200    | 252   | 85  | SOU-MIX-LP | 8/7    | 15/11  | 92/27  | 116/26   | 16/10  | 5/4    |                                       |
| YO8AZQ     | 8,195     | 78    | 55  | SOU-MIX-LP | 0/0    | 3/3    | 31/18  | 34/25    | 10/9   | 0/0    |                                       |
| YO8SFF     | 990       | 28    | 22  | SOU-MIX-LP | 0/0    | 1/1    | 7/7    | 20/14    | 0/0    | 0/0    |                                       |
| YO7SR      | 317,275   | 911   | 185 | SOU-PH-LP  | 12/12  | 45/24  | 98/30  | 353/56   | 266/40 | 137/23 |                                       |
| YO2MKL     | 8,640     | 86    | 54  | SOU-PH-LP  | 0/0    | 8/8    | 8/8    | 46/21    | 24/17  | 0/0    |                                       |
| YO9HP      | 651,354   | 1,308 | 213 | SOU-CW-HP  | 58/25  | 106/27 | 215/45 | 607/55   | 255/42 | 67/19  |                                       |
| YO4NF      | 397,011   | 1,054 | 177 | SOU-CW-LP  | 0/0    | 248/36 | 164/40 | 356/47   | 206/33 | 80/21  |                                       |
| YP5A       | 354,042   | 876   | 153 | SOU-CW-HP  | 0/0    | 37/26  | 429/56 | 357/50   | 47/15  | 6/6    | YO5IN                                 |
| YR34A      | 133,792   | 385   | 148 | SOU-CW-LP  | 4/4    | 125/34 | 110/41 | 72/33    | 47/25  | 27/11  |                                       |
| YO8WW      | 107,134   | 307   | 137 | SOU-CW-QRP | 24/18  | 56/25  | 56/29  | 125/34   | 37/22  | 9/9    |                                       |
| YO8ST      | 102,600   | 279   | 152 | SOU-CW-LP  | 0/0    | 30/23  | 54/37  | 133/55   | 47/26  | 15/11  |                                       |
| YO2MNZ     | 66,616    | 351   | 88  | SOU-CW-LP  | 0/0    | 11/10  | 56/27  | 155/24   | 88/15  | 41/12  |                                       |
| YO3FRI     | 47,223    | 355   | 53  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 0/0      | 355/53 | 0/0    |                                       |
| YPØHQ      | 403,152   | 1,138 | 148 | MSHP       | 178/14 | 192/31 | 287/39 | 278/38   | 104/14 | 99/12  | YO9KYO, YPØHQ                         |
| YO6KPT     | 215,970   | 682   | 138 | MSHP       | 0/0    | 0/0    | 251/42 | 295/40   | 106/41 | 30/15  | YO6CVN, YO6DBL, YO6FGZ, YO6PVX, YO6UO |
| YO4KAK     | 47,440    | 271   | 80  | MSHP       | 5/3    | 11/8   | 36/12  | 116/29   | 90/21  | 13/7   | YO4AH, YO4GNJ                         |
|            |           |       |     |            |        |        |        |          |        |        |                                       |
| Sardinia   |           |       |     |            |        |        |        |          |        |        |                                       |
| ISØSWW     | 1,565,570 | 2,711 | 235 | SO-MIX-HP  | 45/25  | 132/29 | 638/42 | 1,144/70 | 477/41 | 275/28 | OM3RM                                 |
| ISØHMQ     | 176       | 11    | 8   | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 11/8     | 0/0    | 0/0    |                                       |
| ISØ/HB9FAP | 28,680    | 192   | 60  | SOU-CW-LP  | 0/0    | 0/0    | 55/21  | 114/22   | 23/17  | 0/0    |                                       |
|            |           |       |     |            |        |        |        |          |        |        |                                       |
| Serbia     |           |       |     |            |        |        |        |          |        |        |                                       |
| YT1RK      | 130,074   | 495   | 114 | SO-MIX-HP  | 1/1    | 31/21  | 48/22  | 389/53   | 25/16  | 1/1    |                                       |
| YU9DX      | 36,750    | 209   | 75  | SO-MIX-LP  | 0/0    | 4/3    | 41/22  | 134/29   | 18/14  | 12/7   |                                       |
| YU5MAV     | 9,964     | 100   | 47  | SO-MIX-LP  | 0/0    | 3/3    | 13/12  | 61/23    | 18/6   | 5/3    |                                       |
| YU7OM      | 24        | 4     | 4   | SO-MIX-LP  | 0/0    | 2/2    | 0/0    | 2/2      | 0/0    | 0/0    |                                       |
| YT5LD      | 19,092    | 268   | 43  | SO-PH-LP   | 0/0    | 0/0    | 59/14  | 209/29   | 0/0    | 0/0    |                                       |
| YU3MUP     | 7,440     | 95    | 40  | SO-PH-LP   | 0/0    | 0/0    | 9/6    | 76/28    | 10/6   | 0/0    |                                       |
| YU2BPA     | 6,216     | 104   | 28  | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 104/28   | 0/0    | 0/0    |                                       |
| YU4PMS     | 1,620     | 45    | 27  | SO-PH-LP   | 0/0    | 10/9   | 28/11  | 0/0      | 6/6    | 1/1    |                                       |
| YU3LAX     | 495       | 20    | 15  | SO-PH-LP   | 1/1    | 4/3    | 8/5    | 7/6      | 0/0    | 0/0    |                                       |
| YT5YTT     | 84,768    | 442   | 96  | SO-CW-QRP  | 0/0    | 130/28 | 102/25 | 188/33   | 21/9   | 1/1    |                                       |
| YU1ML      | 7,107     | 143   | 23  | SO-CW-LP   | 0/0    | 14/4   | 46/7   | 83/12    | 0/0    | 0/0    |                                       |
| YU7WW      | 2,795     | 75    | 13  | SO-CW-HP   | 0/0    | 0/0    | 0/0    | 75/13    | 0/0    | 0/0    |                                       |
| YU2A       | 602,756   | 1,106 | 209 | SOU-MIX-LP | 31/19  | 46/26  | 255/49 | 506/61   | 205/38 | 63/16  |                                       |
| YT9M       | 202,133   | 651   | 131 | SOU-MIX-HP | 0/0    | 16/12  | 65/24  | 238/37   | 247/38 | 85/20  |                                       |
| YU1ED      | 55,610    | 329   | 83  | SOU-MIX-LP | 5/5    | 116/14 | 51/17  | 88/24    | 48/16  | 21/7   |                                       |
| YT2ISM     | 45,806    | 577   | 37  | SOU-MIX-HP | 0/0    | 0/0    | 0/0    | 577/37   | 0/0    | 0/0    |                                       |
| YT3H       | 14,337    | 120   | 59  | SOU-MIX-LP | 3/3    | 11/6   | 10/9   | 75/26    | 9/6    | 12/9   |                                       |
| YU1RA      | 13,426    | 136   | 49  | SOU-MIX-LP | 0/0    | 3/3    | 31/12  | 24/8     | 35/11  | 43/15  |                                       |

|                 |           |       |     |            |       |        |        |          |        |        |                                |
|-----------------|-----------|-------|-----|------------|-------|--------|--------|----------|--------|--------|--------------------------------|
| YT2U            | 8,632     | 93    | 52  | SOU-MIX-LP | 0/0   | 38/15  | 13/13  | 22/11    | 15/9   | 5/4    |                                |
| YU8NU           | 84        | 10    | 7   | SOU-MIX-LP | 2/1   | 2/1    | 5/4    | 1/1      | 0/0    | 0/0    |                                |
| YU5DR           | 81        | 11    | 9   | SOU-MIX-LP | 0/0   | 1/1    | 10/8   | 0/0      | 0/0    | 0/0    |                                |
| YT5DLT          | 2,268     | 43    | 42  | SOU-PH-LP  | 0/0   | 18/18  | 7/7    | 5/4      | 12/12  | 1/1    |                                |
| YT6W            | 1,982,690 | 2,261 | 331 | SOU-CW-HP  | 60/35 | 325/55 | 557/72 | 763/83   | 447/59 | 109/27 |                                |
| YU7KW           | 405,202   | 773   | 206 | SOU-CW-HP  | 55/24 | 134/34 | 299/59 | 221/51   | 34/23  | 30/15  |                                |
| YU1YV           | 135,330   | 460   | 130 | SOU-CW-LP  | 23/17 | 155/35 | 44/26  | 173/35   | 17/6   | 48/11  |                                |
| YU1UO           | 122,380   | 323   | 145 | SOU-CW-LP  | 1/1   | 39/26  | 89/42  | 103/39   | 61/25  | 30/12  |                                |
| YU1LA           | 31,328    | 175   | 89  | SOU-CW-LP  | 0/0   | 7/6    | 48/28  | 79/33    | 31/13  | 10/9   |                                |
| YT5A            | 1,189,100 | 1,995 | 220 | MSHP       | 13/13 | 36/26  | 593/58 | 919/65   | 375/42 | 59/16  | YT3W, YT5AKI, YU1KX            |
| YU7KMN          | 2,740     | 58    | 20  | MSHP       | 2/2   | 0/0    | 0/0    | 51/15    | 5/3    | 0/0    | YT3RAW, YU4JEC, YU5TEA, YU7TOD |
|                 |           |       |     |            |       |        |        |          |        |        |                                |
| Slovak Republic |           |       |     |            |       |        |        |          |        |        |                                |
| OM3BH           | 2,574,558 | 2,775 | 294 | SO-MIX-HP  | 44/28 | 234/41 | 675/61 | 1,349/78 | 431/60 | 42/26  |                                |
| OM3IAG          | 105,125   | 354   | 125 | SO-MIX-LP  | 44/19 | 121/34 | 61/27  | 98/27    | 24/13  | 6/5    |                                |
| OM7AT           | 16,060    | 155   | 55  | SO-MIX-LP  | 0/0   | 48/14  | 40/20  | 64/20    | 3/1    | 0/0    |                                |
| OM6AT           | 53,833    | 250   | 101 | SO-PH-LP   | 2/2   | 31/21  | 29/16  | 133/38   | 25/13  | 30/11  |                                |
| OM4KK           | 53,136    | 274   | 108 | SO-PH-HP   | 3/3   | 42/22  | 60/25  | 122/33   | 30/13  | 17/12  |                                |
| OM8ST           | 12,276    | 119   | 62  | SO-PH-LP   | 0/0   | 11/11  | 36/21  | 64/26    | 5/2    | 3/2    |                                |
| OM4MO           | 2,640     | 86    | 22  | SO-PH-LP   | 0/0   | 86/22  | 0/0    | 0/0      | 0/0    | 0/0    |                                |
| OM3KFF          | 2,360     | 35    | 20  | SO-PH-HP   | 0/0   | 0/0    | 5/5    | 30/15    | 0/0    | 0/0    |                                |
| OM1AJT          | 945       | 33    | 21  | SO-PH-LP   | 4/4   | 29/17  | 0/0    | 0/0      | 0/0    | 0/0    |                                |
| OMØWT           | 552       | 21    | 12  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 18/11    | 3/1    | 0/0    |                                |
| OM4WW           | 211,393   | 578   | 161 | SO-CW-LP   | 55/25 | 67/25  | 112/35 | 235/51   | 95/20  | 14/5   |                                |
| OM3R            | 37,114    | 183   | 77  | SO-CW-LP   | 0/0   | 0/0    | 14/11  | 102/35   | 59/27  | 8/4    | OM3CFR                         |
| OM5MX           | 30,628    | 157   | 76  | SO-CW-LP   | 0/0   | 0/0    | 43/24  | 81/33    | 29/15  | 4/4    |                                |
| OM3BA           | 22,204    | 161   | 61  | SO-CW-LP   | 0/0   | 14/13  | 34/20  | 113/28   | 0/0    | 0/0    |                                |
| OM7SR           | 20,658    | 154   | 66  | SO-CW-LP   | 12/9  | 31/14  | 70/23  | 25/12    | 16/8   | 0/0    |                                |
| OMØWR           | 16,849    | 270   | 29  | SO-CW-HP   | 0/0   | 270/29 | 0/0    | 0/0      | 0/0    | 0/0    |                                |
| OM4ANO          | 8,428     | 112   | 43  | SO-CW-LP   | 0/0   | 3/3    | 39/15  | 52/18    | 15/5   | 3/2    |                                |
| OM3CM           | 1,520     | 39    | 19  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 0/0      | 0/0    | 39/19  |                                |
| OMØATP          | 12,096    | 112   | 42  | SOU-PH-LP  | 0/0   | 0/0    | 0/0    | 112/42   | 0/0    | 0/0    |                                |
| OM8CW           | 1,395,936 | 2,071 | 222 | SOU-CW-HP  | 78/25 | 181/26 | 538/46 | 708/59   | 455/45 | 111/21 |                                |
| OM7LW           | 739,450   | 1,251 | 230 | SOU-CW-LP  | 61/27 | 215/37 | 364/59 | 493/68   | 105/33 | 13/6   |                                |
| OM7JG           | 402,017   | 662   | 227 | SOU-CW-HP  | 0/0   | 86/45  | 95/44  | 273/71   | 140/47 | 68/20  |                                |
| OM3CW           | 53,040    | 311   | 68  | SOU-CW-HP  | 0/0   | 0/0    | 93/25  | 155/22   | 47/12  | 16/9   |                                |
| OM3WZ           | 9,520     | 97    | 68  | SOU-CW-QRP | 8/8   | 26/17  | 27/19  | 21/13    | 11/7   | 4/4    |                                |
| OM4Q            | 70,518    | 418   | 73  | MSHP       | 0/0   | 0/0    | 25/16  | 278/27   | 41/12  | 74/18  | OM4KW, OM6MW                   |
|                 |           |       |     |            |       |        |        |          |        |        |                                |
| Slovenia        |           |       |     |            |       |        |        |          |        |        |                                |
| S53MM           | 2,304,469 | 2,816 | 283 | SO-MIX-HP  | 54/24 | 291/42 | 469/56 | 1,330/73 | 566/61 | 106/27 |                                |
| S57K            | 661,983   | 1,364 | 203 | SO-MIX-LP  | 78/24 | 131/31 | 272/40 | 604/44   | 208/41 | 71/23  |                                |
| S51DD           | 41,664    | 204   | 84  | SO-PH-LP   | 0/0   | 8/7    | 24/16  | 144/43   | 22/12  | 6/6    |                                |
| S57YK           | 4,982     | 68    | 47  | SO-PH-LP   | 0/0   | 0/0    | 20/15  | 37/22    | 11/10  | 0/0    |                                |

|             |           |       |     |            |       |        |        |        |        |        |                   |
|-------------|-----------|-------|-----|------------|-------|--------|--------|--------|--------|--------|-------------------|
| S56AX       | 3,588     | 55    | 52  | SO-PH-LP   | 0/0   | 17/17  | 11/11  | 23/20  | 1/1    | 3/3    |                   |
| S56BL       | 9         | 3     | 3   | SO-PH-LP   | 1/1   | 0/0    | 0/0    | 1/1    | 0/0    | 1/1    |                   |
| S51J        | 906,780   | 1,621 | 210 | SO-CW-HP   | 33/18 | 187/32 | 424/45 | 668/56 | 259/40 | 50/19  |                   |
| S58Q        | 167,241   | 654   | 107 | SO-CW-LP   | 0/0   | 156/25 | 249/37 | 249/45 | 0/0    | 0/0    |                   |
| S53AR       | 100,625   | 374   | 125 | SO-CW-QRP  | 30/17 | 95/31  | 88/31  | 113/24 | 43/18  | 5/4    |                   |
| S57X        | 91,908    | 343   | 111 | SO-CW-LP   | 0/0   | 73/24  | 131/38 | 126/39 | 6/5    | 7/5    |                   |
| S55N        | 15,523    | 130   | 43  | SO-CW-LP   | 1/1   | 1/1    | 1/1    | 111/28 | 16/12  | 0/0    |                   |
| S53K        | 170,200   | 548   | 115 | SOU-MIX-HP | 0/0   | 40/20  | 21/12  | 347/39 | 99/28  | 41/16  |                   |
| S53BB       | 40,104    | 294   | 72  | SOU-MIX-LP | 4/3   | 79/18  | 127/25 | 62/12  | 10/7   | 12/7   |                   |
| S57S        | 30,996    | 215   | 54  | SOU-MIX-HP | 0/0   | 0/0    | 3/2    | 162/29 | 42/18  | 8/5    |                   |
| S54X        | 7,714     | 105   | 38  | SOU-MIX-LP | 3/2   | 3/2    | 77/16  | 10/8   | 4/3    | 8/7    |                   |
| S51DI       | 3,026     | 57    | 34  | SOU-MIX-LP | 4/3   | 4/3    | 4/2    | 19/11  | 19/11  | 7/4    |                   |
| S52QM       | 91        | 13    | 7   | SOU-MIX-HP | 3/2   | 2/1    | 2/1    | 2/1    | 2/1    | 2/1    |                   |
| S54ZZ       | 607,168   | 1,046 | 212 | SOU-PH-HP  | 25/21 | 114/35 | 318/45 | 322/46 | 226/44 | 41/21  |                   |
| S56B        | 183,840   | 828   | 120 | SOU-PH-HP  | 0/0   | 116/21 | 328/33 | 244/33 | 78/21  | 62/12  |                   |
| S57DX       | 1,714,508 | 2,108 | 284 | SOU-CW-HP  | 22/18 | 314/51 | 546/67 | 815/76 | 306/46 | 105/26 |                   |
| S53A        | 1,058,200 | 1,105 | 296 | SOU-CW-LP  | 32/32 | 54/49  | 375/67 | 446/76 | 176/51 | 22/21  |                   |
| S53V        | 412,264   | 730   | 232 | SOU-CW-HP  | 27/26 | 29/28  | 204/50 | 310/64 | 109/42 | 51/22  |                   |
| S52AU       | 269,906   | 547   | 182 | SOU-CW-HP  | 10/10 | 27/17  | 109/39 | 260/58 | 102/37 | 39/21  |                   |
| S59AA       | 249,796   | 513   | 197 | SOU-CW-LP  | 36/26 | 81/29  | 60/37  | 186/53 | 119/39 | 31/13  |                   |
| S56A        | 200,448   | 427   | 192 | SOU-CW-LP  | 14/13 | 40/31  | 92/45  | 199/55 | 62/32  | 20/16  |                   |
| S51R        | 88,176    | 401   | 88  | SOU-CW-HP  | 0/0   | 0/0    | 144/31 | 175/34 | 56/15  | 26/8   |                   |
| S51W        | 50,400    | 519   | 45  | SOU-CW-LP  | 0/0   | 519/45 | 0/0    | 0/0    | 0/0    | 0/0    |                   |
| S52C        | 272,048   | 972   | 112 | MSHP       | 0/0   | 72/21  | 375/41 | 509/45 | 16/5   | 0/0    | S51AC, S52P, S55Z |
| S51DX       | 78,964    | 514   | 76  | MSHP       | 1/1   | 2/2    | 348/34 | 122/22 | 23/12  | 18/5   | S51DX             |
|             |           |       |     |            |       |        |        |        |        |        |                   |
| Switzerland |           |       |     |            |       |        |        |        |        |        |                   |
| HB9ØTOC     | 86,569    | 509   | 83  | SO-MIX-HP  | 0/0   | 24/12  | 229/28 | 212/29 | 44/14  | 0/0    |                   |
| HB9ØGKM     | 4,418     | 67    | 47  | SO-MIX-LP  | 0/0   | 6/6    | 14/11  | 27/14  | 13/10  | 7/6    | HB9GKM            |
| HB9EGA      | 59,964    | 268   | 114 | SO-PH-QRP  | 0/0   | 21/18  | 44/22  | 140/39 | 45/22  | 18/13  |                   |
| HB9TWU      | 32,752    | 207   | 92  | SO-PH-LP   | 0/0   | 13/12  | 39/21  | 96/27  | 49/24  | 10/8   |                   |
| HB9RUD      | 13,724    | 120   | 73  | SO-PH-LP   | 0/0   | 9/9    | 32/22  | 35/16  | 21/12  | 23/14  |                   |
| HB9MXY      | 5,612     | 73    | 46  | SO-PH-LP   | 0/0   | 4/4    | 19/16  | 47/23  | 2/2    | 1/1    |                   |
| HB9GXP      | 3,200     | 72    | 50  | SO-PH-LP   | 0/0   | 5/5    | 26/17  | 25/15  | 7/6    | 9/7    |                   |
| HB9RJG      | 3,016     | 53    | 29  | SO-PH-LP   | 0/0   | 0/0    | 0/0    | 47/23  | 6/6    | 0/0    |                   |
| HB9DXB/P    | 1,247     | 32    | 29  | SO-PH-LP   | 0/0   | 0/0    | 12/12  | 0/0    | 16/13  | 4/4    |                   |
| HB3YXD      | 975       | 33    | 25  | SO-PH-LP   | 7/7   | 25/17  | 0/0    | 0/0    | 0/0    | 1/1    |                   |
| HB9ARF      | 605,850   | 1,253 | 210 | SO-CW-HP   | 35/21 | 196/35 | 276/40 | 459/51 | 228/44 | 59/19  |                   |
| HB9AYZ      | 29,070    | 189   | 90  | SO-CW-QRP  | 0/0   | 26/20  | 49/23  | 76/22  | 30/17  | 8/8    |                   |
| HB9DD       | 24,839    | 224   | 59  | SO-CW-LP   | 0/0   | 0/0    | 39/17  | 136/28 | 49/14  | 0/0    |                   |
| HB9FXW      | 1,104     | 30    | 23  | SO-CW-LP   | 0/0   | 2/2    | 9/9    | 16/9   | 3/3    | 0/0    |                   |
| HB9IRF      | 580       | 23    | 20  | SO-CW-LP   | 0/0   | 0/0    | 23/20  | 0/0    | 0/0    | 0/0    |                   |
| HB9FBG      | 420       | 21    | 20  | SO-CW-HP   | 0/0   | 0/0    | 21/20  | 0/0    | 0/0    | 0/0    |                   |
| HB9EAR      | 9,338     | 130   | 46  | SOU-MIX-LP | 0/0   | 0/0    | 2/2    | 76/17  | 32/14  | 20/13  |                   |

|            |           |       |       |            |        |        |        |        |        |       |                                               |
|------------|-----------|-------|-------|------------|--------|--------|--------|--------|--------|-------|-----------------------------------------------|
| HB9FEX     | 6,864     | 89    | 44    | SOU-PH-HP  | 0/0    | 0/0    | 26/20  | 55/17  | 8/7    | 0/0   |                                               |
| HB9TIA     | 4,830     | 70    | 46    | SOU-PH-LP  | 0/0    | 0/0    | 3/3    | 30/18  | 21/14  | 16/11 |                                               |
| HB9CPS     | 91,694    | 350   | 127   | SOU-CW-LP  | 28/21  | 47/24  | 62/22  | 162/37 | 51/23  | 0/0   |                                               |
| HB9DHG     | 46,945    | 463   | 41    | SOU-CW-HP  | 0/0    | 0/0    | 463/41 | 0/0    | 0/0    | 0/0   |                                               |
| HB2U       | 434,948   | 1,017 | 194   | MSHP       | 20/15  | 108/24 | 139/41 | 546/59 | 138/33 | 66/22 | HB9EXP, HB9EYP                                |
| HB9ZZ      | 84,474    | 340   | 117   | MSHP       | 0/0    | 0/0    | 61/30  | 209/52 | 57/26  | 13/9  | HB9EVC, HB9EXR, HB9FDQ, HB9GHL, HB9GWR, HB9ZZ |
| HB2C       | 60,334    | 359   | 97    | MSHP       | 0/0    | 29/20  | 164/29 | 135/32 | 31/16  | 0/0   | HB3YSI, HB3YUX, HB9ENM                        |
|            |           |       |       |            |        |        |        |        |        |       |                                               |
| Call       | Score     | QSOs  | Mults | Category   | 160    | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host                       |
| Zone 29    |           |       |       |            |        |        |        |        |        |       |                                               |
|            |           |       |       |            |        |        |        |        |        |       |                                               |
| Azerbaijan |           |       |       |            |        |        |        |        |        |       |                                               |
| 4K9W       | 34,200    | 169   | 76    | SO-CW-LP   | 0/0    | 10/7   | 12/9   | 68/25  | 63/27  | 16/8  |                                               |
|            |           |       |       |            |        |        |        |        |        |       |                                               |
| Belarus    |           |       |       |            |        |        |        |        |        |       |                                               |
| EU1A       | 1,821,435 | 2,200 | 285   | SO-MIX-HP  | 53/27  | 136/41 | 616/65 | 899/73 | 419/53 | 77/26 |                                               |
| EW/R1AT    | 63,245    | 354   | 91    | SO-MIX-LP  | 0/0    | 108/20 | 89/26  | 125/29 | 32/16  | 0/0   |                                               |
| EW1FM      | 29,312    | 168   | 64    | SO-MIX-HP  | 0/0    | 0/0    | 33/19  | 125/37 | 10/8   | 0/0   |                                               |
| EU1LR      | 5,664     | 86    | 32    | SO-MIX-LP  | 0/0    | 0/0    | 18/7   | 42/11  | 26/14  | 0/0   |                                               |
| EU3AA      | 2,184     | 46    | 21    | SO-MIX-LP  | 0/0    | 0/0    | 0/0    | 5/4    | 40/16  | 1/1   |                                               |
| EW8Z       | 47,280    | 204   | 120   | SO-PH-LP   | 12/12  | 33/25  | 54/31  | 72/33  | 33/19  | 0/0   |                                               |
| EW8OM      | 309,248   | 855   | 151   | SO-CW-HP   | 0/0    | 218/36 | 244/38 | 299/41 | 79/25  | 15/11 |                                               |
| EW1TZ      | 235,092   | 559   | 156   | SO-CW-HP   | 0/0    | 107/29 | 114/35 | 240/50 | 82/28  | 16/14 |                                               |
| EW3M       | 208,242   | 587   | 138   | SO-CW-LP   | 0/0    | 70/24  | 202/41 | 265/49 | 41/18  | 9/6   |                                               |
| EW1TO      | 176,343   | 594   | 129   | SO-CW-LP   | 22/10  | 136/22 | 175/32 | 154/34 | 99/26  | 8/5   |                                               |
| EU3A       | 171,732   | 461   | 132   | SO-CW-LP   | 0/0    | 0/0    | 65/31  | 297/66 | 55/20  | 44/15 |                                               |
| EW2A       | 115,400   | 404   | 100   | SO-CW-LP   | 0/0    | 0/0    | 61/16  | 274/49 | 61/28  | 8/7   |                                               |
| EU1FQ      | 102,564   | 314   | 111   | SO-CW-LP   | 0/0    | 0/0    | 89/34  | 191/61 | 27/12  | 7/4   |                                               |
| EU4U       | 94,658    | 416   | 94    | SO-CW-LP   | 0/0    | 11/8   | 105/27 | 262/46 | 38/13  | 0/0   |                                               |
| EU1AI      | 81,744    | 311   | 104   | SO-CW-HP   | 0/0    | 43/19  | 100/30 | 141/40 | 25/13  | 2/2   |                                               |
| EU6O       | 69,960    | 298   | 88    | SO-CW-LP   | 0/0    | 0/0    | 103/27 | 167/46 | 28/15  | 0/0   |                                               |
| EW2ES      | 67,529    | 368   | 77    | SO-CW-LP   | 32/15  | 101/22 | 2/1    | 233/39 | 0/0    | 0/0   |                                               |
| EW8G       | 35,990    | 243   | 59    | SO-CW-QRP  | 0/0    | 5/5    | 55/17  | 178/33 | 5/4    | 0/0   |                                               |
| EW6F       | 34,112    | 298   | 52    | SO-CW-LP   | 5/5    | 79/10  | 100/14 | 106/17 | 5/3    | 3/3   | EW6GF                                         |
| EV6Z       | 18,130    | 180   | 35    | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 180/35 | 0/0    | 0/0   |                                               |
| EV1R       | 1,353,145 | 1,617 | 277   | SOU-MIX-HP | 7/7    | 29/29  | 501/76 | 876/93 | 170/56 | 34/16 |                                               |
| EW7BA      | 110,856   | 356   | 124   | SOU-PH-LP  | 0/0    | 46/25  | 14/11  | 213/54 | 79/30  | 4/4   |                                               |
| EU8U       | 1,696,616 | 1,946 | 284   | SOU-CW-HP  | 93/35  | 283/46 | 476/63 | 738/70 | 306/45 | 50/25 |                                               |
| EU1W       | 1,410,972 | 1,557 | 307   | SOU-CW-HP  | 61/34  | 220/53 | 364/67 | 756/90 | 138/49 | 18/14 |                                               |
| EW8DX      | 1,003,884 | 1,549 | 238   | SOU-CW-HP  | 105/27 | 316/41 | 490/66 | 541/61 | 78/28  | 19/15 |                                               |
| EU8F       | 144,329   | 608   | 101   | SOU-CW-QRP | 0/0    | 233/31 | 268/36 | 92/23  | 15/11  | 0/0   |                                               |
| EW8C       | 105,848   | 395   | 101   | SOU-CW-LP  | 0/0    | 44/18  | 172/39 | 179/44 | 0/0    | 0/0   |                                               |
| EU6RO      | 52,318    | 319   | 74    | SOU-CW-LP  | 0/0    | 224/35 | 86/31  | 9/8    | 0/0    | 0/0   |                                               |
|            |           |       |       |            |        |        |        |        |        |       |                                               |

|                 |           |       |     |           |        |        |        |          |        |        |        |
|-----------------|-----------|-------|-----|-----------|--------|--------|--------|----------|--------|--------|--------|
| Estonia         |           |       |     |           |        |        |        |          |        |        |        |
| ES5RR           | 3,245,047 | 3,556 | 299 | SO-MIX-HP | 137/28 | 336/45 | 952/70 | 1,426/75 | 555/53 | 150/28 | ES2RR  |
| ES7A            | 714,812   | 1,478 | 196 | SO-MIX-LP | 75/23  | 151/27 | 416/43 | 516/51   | 245/32 | 75/20  | YL3JA  |
| ES6RW           | 664,196   | 1,015 | 241 | SO-PH-LP  | 30/20  | 70/33  | 178/53 | 519/68   | 180/43 | 38/24  |        |
| ES1ACS          | 18,980    | 119   | 65  | SO-PH-LP  | 0/0    | 0/0    | 42/23  | 63/32    | 12/8   | 2/2    |        |
| ESØIA           | 16,425    | 118   | 75  | SO-PH-HP  | 0/0    | 27/19  | 34/24  | 40/22    | 15/8   | 2/2    |        |
| ES2MC           | 1,166,954 | 1,837 | 218 | SO-CW-HP  | 63/20  | 229/27 | 481/49 | 652/63   | 337/43 | 75/16  |        |
| ES4MM           | 28,449    | 157   | 87  | SO-CW-LP  | 0/0    | 45/25  | 55/26  | 28/16    | 23/14  | 6/6    |        |
|                 |           |       |     |           |        |        |        |          |        |        |        |
| European Russia |           |       |     |           |        |        |        |          |        |        |        |
| RW7K            | 3,912,399 | 3,790 | 339 | SO-MIX-HP | 101/29 | 217/51 | 765/75 | 1,723/84 | 719/67 | 265/33 |        |
| R2AA            | 3,700,762 | 3,654 | 338 | SO-MIX-HP | 141/36 | 358/52 | 720/60 | 1,450/87 | 790/71 | 195/32 |        |
| RA3Y            | 1,286,528 | 1,449 | 304 | SO-MIX-HP | 61/27  | 200/48 | 314/77 | 664/79   | 173/52 | 37/21  |        |
| UA4FER          | 962,795   | 1,651 | 235 | SO-MIX-LP | 62/20  | 258/37 | 233/46 | 775/66   | 269/44 | 54/22  |        |
| RK3T            | 788,436   | 1,602 | 181 | SO-MIX-HP | 0/0    | 225/34 | 230/44 | 807/57   | 259/33 | 81/13  | RA9P   |
| R1DX            | 468,700   | 771   | 215 | SO-MIX-LP | 0/0    | 6/4    | 141/54 | 414/78   | 153/54 | 57/25  |        |
| RM7C            | 326,462   | 868   | 151 | SO-MIX-LP | 10/8   | 107/22 | 174/39 | 492/43   | 54/21  | 31/18  |        |
| RU3TJ           | 199,500   | 766   | 105 | SO-MIX-LP | 0/0    | 0/0    | 453/55 | 313/50   | 0/0    | 0/0    |        |
| RN4SC           | 130,032   | 454   | 126 | SO-MIX-LP | 0/0    | 61/20  | 119/34 | 201/42   | 67/24  | 6/6    |        |
| R3AQ            | 123,921   | 337   | 147 | SO-MIX-LP | 3/3    | 30/17  | 27/21  | 215/67   | 51/29  | 11/10  |        |
| RM3F            | 97,984    | 559   | 64  | SO-MIX-LP | 0/0    | 0/0    | 0/0    | 519/48   | 39/15  | 1/1    | UA3DPX |
| RK3Y            | 82,110    | 318   | 119 | SO-MIX-LP | 0/0    | 18/16  | 63/27  | 164/41   | 58/25  | 15/10  |        |
| RV3YR           | 64,860    | 493   | 46  | SO-MIX-LP | 0/0    | 0/0    | 0/0    | 493/46   | 0/0    | 0/0    |        |
| R5AK            | 64,620    | 274   | 90  | SO-MIX-HP | 0/0    | 0/0    | 30/16  | 195/48   | 40/19  | 9/7    |        |
| R3KQ            | 58,239    | 325   | 81  | SO-MIX-LP | 13/7   | 75/19  | 2/2    | 148/35   | 87/18  | 0/0    |        |
| R4GM            | 57,622    | 380   | 47  | SO-MIX-HP | 0/0    | 0/0    | 0/0    | 379/46   | 1/1    | 0/0    |        |
| R3PIQ           | 51,377    | 250   | 83  | SO-MIX-LP | 0/0    | 25/9   | 97/28  | 100/28   | 25/15  | 3/3    |        |
| RN7A            | 48,180    | 265   | 73  | SO-MIX-LP | 0/0    | 1/1    | 6/2    | 171/34   | 50/19  | 37/17  |        |
| RQ4C            | 41,040    | 298   | 60  | SO-MIX-HP | 0/0    | 18/4   | 60/15  | 209/33   | 11/8   | 0/0    |        |
| RA7A            | 40,095    | 267   | 81  | SO-MIX-LP | 1/1    | 3/3    | 6/5    | 141/33   | 73/22  | 43/17  |        |
| UA6HLN          | 31,781    | 212   | 61  | SO-MIX-LP | 0/0    | 0/0    | 121/34 | 91/27    | 0/0    | 0/0    |        |
| UA4HTT          | 28,260    | 223   | 45  | SO-MIX-HP | 0/0    | 0/0    | 6/6    | 197/32   | 20/7   | 0/0    |        |
| RU4AA           | 22,052    | 270   | 37  | SO-MIX-HP | 0/0    | 270/37 | 0/0    | 0/0      | 0/0    | 0/0    |        |
| R3LC            | 15,030    | 143   | 45  | SO-MIX-LP | 0/0    | 0/0    | 0/0    | 126/34   | 0/0    | 17/11  |        |
| RV3IG           | 10,604    | 130   | 44  | SO-MIX-LP | 43/15  | 0/0    | 40/13  | 0/0      | 47/16  | 0/0    |        |
| R4NX            | 5,655     | 96    | 29  | SO-MIX-LP | 0/0    | 0/0    | 96/29  | 0/0      | 0/0    | 0/0    |        |
| RA4L            | 5,278     | 102   | 26  | SO-MIX-LP | 0/0    | 0/0    | 0/0    | 102/26   | 0/0    | 0/0    |        |
| R2VM            | 4,560     | 52    | 30  | SO-MIX-LP | 0/0    | 0/0    | 9/6    | 31/17    | 12/7   | 0/0    |        |
| UA4NC           | 4,384     | 69    | 32  | SO-MIX-HP | 0/0    | 0/0    | 15/7   | 37/19    | 17/6   | 0/0    |        |
| RM1F            | 3,776     | 60    | 32  | SO-MIX-LP | 0/0    | 0/0    | 39/20  | 21/12    | 0/0    | 0/0    |        |
| R5FZ            | 3,104     | 44    | 32  | SO-MIX-LP | 0/0    | 0/0    | 11/10  | 33/22    | 0/0    | 0/0    |        |
| RA3VE           | 1,800     | 40    | 20  | SO-MIX-LP | 0/0    | 0/0    | 0/0    | 33/13    | 6/6    | 1/1    |        |
| RW3DIA          | 1,800     | 32    | 25  | SO-MIX-LP | 0/0    | 0/0    | 0/0    | 32/25    | 0/0    | 0/0    |        |
| R3VR            | 1,785     | 37    | 21  | SO-MIX-LP | 0/0    | 0/0    | 0/0    | 34/18    | 3/3    | 0/0    | RV3VR  |

|               |            |           |           |                 |            |            |            |            |            |            |  |
|---------------|------------|-----------|-----------|-----------------|------------|------------|------------|------------|------------|------------|--|
| RC3C          | 18         | 4         | 3         | SO-MIX-LP       | 0/0        | 0/0        | 0/0        | 3/2        | 0/0        | 1/1        |  |
| UA3BL         | 263,520    | 587       | 183       | SO-PH-LP        | 17/13      | 71/29      | 145/46     | 244/54     | 83/27      | 27/14      |  |
| R2AD          | 253,521    | 616       | 153       | SO-PH-HP        | 0/0        | 27/19      | 99/40      | 389/48     | 82/31      | 19/15      |  |
| RC7KY         | 240,240    | 598       | 168       | SO-PH-LP        | 16/13      | 62/29      | 136/40     | 290/52     | 73/22      | 21/12      |  |
| R3GZ          | 199,368    | 512       | 156       | SO-PH-HP        | 14/11      | 7/5        | 114/36     | 228/54     | 128/32     | 21/18      |  |
| RK7X          | 194,814    | 615       | 137       | SO-PH-HP        | 13/12      | 37/23      | 228/38     | 286/46     | 51/18      | 0/0        |  |
| RW1CW         | 82,200     | 326       | 100       | SO-PH-HP        | 0/0        | 1/1        | 25/22      | 247/43     | 45/26      | 8/8        |  |
| R3DL          | 71,280     | 280       | 110       | SO-PH-HP        | 0/0        | 10/10      | 34/24      | 151/37     | 66/26      | 19/13      |  |
| UA6LN         | 68,985     | 227       | 135       | SO-PH-LP        | 0/0        | 24/20      | 36/28      | 94/46      | 56/25      | 17/16      |  |
| UA6ART        | 52,200     | 344       | 60        | SO-PH-HP        | 0/0        | 0/0        | 0/0        | 228/31     | 61/18      | 55/11      |  |
| RA3OA         | 48,645     | 387       | 47        | SO-PH-HP        | 0/0        | 0/0        | 0/0        | 289/27     | 77/15      | 21/5       |  |
| RA3DAD        | 47,355     | 207       | 105       | SO-PH-LP        | 0/0        | 14/13      | 27/23      | 132/43     | 25/17      | 9/9        |  |
| UA3OQ         | 35,802     | 192       | 102       | SO-PH-QRP       | 3/3        | 26/20      | 52/28      | 92/36      | 0/0        | 19/15      |  |
| RW3DU         | 29,640     | 166       | 76        | SO-PH-HP        | 0/0        | 3/3        | 23/22      | 116/36     | 20/11      | 4/4        |  |
| R2GB          | 29,154     | 170       | 86        | SO-PH-HP        | 1/1        | 12/8       | 20/14      | 100/40     | 28/14      | 9/9        |  |
| UA4SJO        | 20,288     | 148       | 64        | SO-PH-LP        | 0/0        | 4/3        | 45/22      | 87/31      | 11/7       | 1/1        |  |
| R6DBT         | 20,097     | 154       | 63        | SO-PH-LP        | 0/0        | 0/0        | 59/22      | 71/30      | 24/11      | 0/0        |  |
| UA3YCZ        | 16,910     | 119       | 89        | SO-PH-LP        | 10/10      | 13/13      | 28/22      | 51/30      | 17/14      | 0/0        |  |
| RA6LIS        | 11,648     | 90        | 56        | SO-PH-LP        | 0/0        | 0/0        | 20/16      | 49/26      | 19/12      | 2/2        |  |
| RA3DQP        | 9,996      | 104       | 42        | SO-PH-LP        | 0/0        | 0/0        | 2/2        | 82/29      | 16/7       | 4/4        |  |
| UA4ASE/6      | 7,654      | 85        | 43        | SO-PH-QRP       | 0/0        | 0/0        | 0/0        | 65/27      | 18/14      | 2/2        |  |
| R3WZ          | 6,552      | 72        | 56        | SO-PH-LP        | 0/0        | 0/0        | 12/11      | 34/23      | 19/16      | 7/6        |  |
| R2EL          | 4,420      | 69        | 34        | SO-PH-LP        | 0/0        | 0/0        | 3/3        | 60/25      | 6/6        | 0/0        |  |
| RN4ACX        | 4,085      | 53        | 43        | SO-PH-LP        | 0/0        | 10/8       | 3/3        | 18/14      | 16/13      | 6/5        |  |
| R3DCB         | 3,240      | 47        | 36        | SO-PH-LP        | 0/0        | 0/0        | 4/4        | 27/21      | 14/9       | 2/2        |  |
| R2SAG         | 1,127      | 35        | 23        | SO-PH-LP        | 1/1        | 10/5       | 23/16      | 1/1        | 0/0        | 0/0        |  |
| <i>RZ3DOT</i> | <i>810</i> | <i>18</i> | <i>15</i> | <i>SO-PH-LP</i> | <i>0/0</i> | <i>0/0</i> | <i>4/4</i> | <i>8/5</i> | <i>2/2</i> | <i>4/4</i> |  |
| R2DA          | 2,115,012  | 2,052     | 337       | SO-CW-HP        | 91/28      | 265/54     | 418/73     | 856/93     | 328/59     | 94/30      |  |
| R3XA          | 1,279,938  | 1,680     | 258       | SO-CW-HP        | 85/28      | 238/43     | 266/54     | 773/67     | 285/52     | 33/14      |  |
| UA5F          | 832,656    | 1,282     | 249       | SO-CW-LP        | 60/27      | 197/40     | 300/55     | 529/72     | 151/40     | 45/15      |  |
| RM6Y          | 456,576    | 1,005     | 192       | SO-CW-HP        | 17/14      | 146/28     | 192/41     | 434/58     | 167/37     | 49/14      |  |
| UA3ABJ        | 309,272    | 820       | 134       | SO-CW-LP        | 2/2        | 32/13      | 94/28      | 533/51     | 133/29     | 26/11      |  |
| UA3EDQ        | 298,452    | 585       | 187       | SO-CW-HP        | 55/28      | 99/27      | 51/20      | 211/50     | 121/44     | 48/18      |  |
| RJ7M          | 239,436    | 594       | 162       | SO-CW-LP        | 1/1        | 24/17      | 180/41     | 200/45     | 124/32     | 65/26      |  |
| RW3X          | 237,523    | 627       | 151       | SO-CW-LP        | 86/19      | 76/16      | 97/31      | 232/44     | 98/29      | 38/12      |  |
| RA3UT         | 216,568    | 430       | 184       | SO-CW-LP        | 0/0        | 0/0        | 107/57     | 191/75     | 107/38     | 25/14      |  |
| UA6HFI        | 202,852    | 523       | 166       | SO-CW-LP        | 21/15      | 80/24      | 102/30     | 163/38     | 109/38     | 48/21      |  |
| R5FI          | 198,056    | 532       | 152       | SO-CW-HP        | 24/12      | 69/33      | 153/40     | 248/46     | 25/14      | 13/7       |  |
| RV3ZN         | 196,500    | 479       | 150       | SO-CW-LP        | 1/1        | 28/21      | 54/32      | 267/56     | 122/33     | 7/7        |  |
| RW5CW         | 196,350    | 499       | 150       | SO-CW-LP        | 0/0        | 125/32     | 155/43     | 164/44     | 43/21      | 12/10      |  |
| R4BZ          | 190,179    | 563       | 113       | SO-CW-HP        | 0/0        | 0/0        | 33/13      | 436/57     | 82/32      | 12/11      |  |
| R5PW          | 189,420    | 562       | 132       | SO-CW-QRP       | 0/0        | 90/27      | 122/30     | 269/44     | 58/22      | 23/9       |  |
| R7RC          | 182,182    | 410       | 182       | SO-CW-LP        | 28/19      | 108/35     | 100/40     | 109/44     | 50/30      | 15/14      |  |
| RV7C          | 173,180    | 530       | 140       | SO-CW-HP        | 15/11      | 41/15      | 133/35     | 246/50     | 79/20      | 16/9       |  |

|        |         |     |     |           |       |       |        |        |        |        |        |
|--------|---------|-----|-----|-----------|-------|-------|--------|--------|--------|--------|--------|
| R4OF   | 172,720 | 526 | 136 | SO-CW-LP  | 0/0   | 50/18 | 126/36 | 285/52 | 61/27  | 4/3    |        |
| R7KX   | 150,306 | 442 | 141 | SO-CW-LP  | 16/14 | 61/22 | 85/33  | 172/35 | 66/24  | 42/13  |        |
| RT3U   | 142,128 | 337 | 144 | SO-CW-LP  | 0/0   | 0/0   | 82/35  | 169/66 | 55/29  | 31/14  |        |
| R2DS   | 129,482 | 470 | 101 | SO-CW-LP  | 0/0   | 0/0   | 130/40 | 290/44 | 50/17  | 0/0    |        |
| RW3YA  | 128,738 | 432 | 118 | SO-CW-HP  | 0/0   | 56/22 | 55/27  | 244/40 | 70/25  | 7/4    |        |
| RV3PN  | 124,560 | 327 | 144 | SO-CW-LP  | 0/0   | 48/28 | 121/37 | 104/50 | 53/28  | 1/1    |        |
| R7MT   | 117,120 | 404 | 122 | SO-CW-LP  | 12/6  | 34/16 | 90/29  | 188/38 | 64/24  | 16/9   |        |
| R3OR   | 111,980 | 419 | 110 | SO-CW-LP  | 0/0   | 66/20 | 109/29 | 129/25 | 104/27 | 11/9   |        |
| R2HM   | 111,757 | 369 | 113 | SO-CW-LP  | 0/0   | 0/0   | 25/20  | 248/56 | 82/28  | 14/9   |        |
| UA3KW  | 106,925 | 533 | 65  | SO-CW-HP  | 0/0   | 0/0   | 0/0    | 533/65 | 0/0    | 0/0    |        |
| R5FQ   | 95,680  | 352 | 104 | SO-CW-LP  | 0/0   | 1/1   | 148/40 | 182/46 | 20/16  | 1/1    |        |
| R3YC   | 90,816  | 304 | 132 | SO-CW-HP  | 0/0   | 46/26 | 68/32  | 149/49 | 33/18  | 8/7    |        |
| R2PU   | 90,596  | 321 | 116 | SO-CW-LP  | 7/6   | 56/23 | 77/31  | 115/30 | 56/19  | 10/7   |        |
| RA7R   | 90,436  | 396 | 92  | SO-CW-LP  | 0/0   | 0/0   | 38/15  | 258/46 | 97/29  | 3/2    |        |
| RU5X   | 74,445  | 278 | 105 | SO-CW-LP  | 0/0   | 26/11 | 46/16  | 133/40 | 57/28  | 16/10  |        |
| UA6YH  | 72,792  | 254 | 108 | SO-CW-LP  | 0/0   | 0/0   | 0/0    | 123/49 | 103/42 | 28/17  |        |
| RK7F   | 72,412  | 316 | 86  | SO-CW-HP  | 0/0   | 0/0   | 138/36 | 178/50 | 0/0    | 0/0    |        |
| RA3VX  | 72,100  | 220 | 140 | SO-CW-LP  | 32/15 | 32/30 | 38/28  | 86/45  | 28/18  | 4/4    |        |
| RQ4D   | 66,038  | 336 | 89  | SO-CW-HP  | 20/12 | 26/7  | 137/25 | 106/24 | 34/15  | 13/6   |        |
| UA3YDI | 64,944  | 299 | 99  | SO-CW-LP  | 15/9  | 35/18 | 116/30 | 116/33 | 17/9   | 0/0    |        |
| RW3AI  | 64,660  | 252 | 106 | SO-CW-QRP | 7/5   | 35/14 | 51/25  | 96/32  | 52/21  | 11/9   |        |
| RM3V   | 63,270  | 270 | 90  | SO-CW-LP  | 0/0   | 0/0   | 129/33 | 113/39 | 24/14  | 4/4    | RW3VA  |
| RU3WR  | 57,200  | 307 | 88  | SO-CW-LP  | 0/0   | 51/17 | 90/19  | 109/31 | 49/15  | 8/6    |        |
| UA3YFL | 53,805  | 256 | 85  | SO-CW-LP  | 0/0   | 17/9  | 43/19  | 138/36 | 55/19  | 3/2    |        |
| UA4PAQ | 50,439  | 294 | 69  | SO-CW-HP  | 0/0   | 0/0   | 162/34 | 132/35 | 0/0    | 0/0    |        |
| RW1M   | 50,312  | 246 | 76  | SO-CW-HP  | 0/0   | 0/0   | 91/32  | 155/44 | 0/0    | 0/0    |        |
| R6CO   | 49,980  | 285 | 70  | SO-CW-LP  | 2/2   | 0/0   | 61/15  | 184/36 | 23/9   | 15/8   |        |
| RM2T   | 48,412  | 263 | 76  | SO-CW-LP  | 0/0   | 0/0   | 61/19  | 152/36 | 39/15  | 11/6   |        |
| R1QE   | 46,200  | 257 | 88  | SO-CW-LP  | 26/15 | 78/17 | 63/23  | 85/29  | 4/3    | 1/1    |        |
| R6KY   | 42,240  | 215 | 88  | SO-CW-LP  | 0/0   | 58/25 | 42/19  | 82/27  | 30/14  | 3/3    |        |
| RN6A   | 41,106  | 228 | 78  | SO-CW-LP  | 0/0   | 0/0   | 10/8   | 139/34 | 51/21  | 28/15  |        |
| R7TW   | 40,180  | 256 | 70  | SO-CW-LP  | 0/0   | 0/0   | 72/16  | 142/28 | 29/16  | 13/10  |        |
| R4ACY  | 39,900  | 194 | 70  | SO-CW-HP  | 0/0   | 0/0   | 2/2    | 136/41 | 45/19  | 11/8   |        |
| RT4O   | 39,330  | 311 | 57  | SO-CW-HP  | 0/0   | 0/0   | 0/0    | 243/28 | 51/18  | 17/11  | UA4NCE |
| RL3DD  | 36,192  | 173 | 78  | SO-CW-QRP | 0/0   | 0/0   | 22/17  | 108/39 | 37/16  | 6/6    |        |
| RX3VF  | 35,739  | 171 | 99  | SO-CW-LP  | 6/4   | 28/21 | 81/37  | 38/21  | 12/10  | 6/6    |        |
| UA6ARR | 35,062  | 283 | 47  | SO-CW-LP  | 0/0   | 0/0   | 0/0    | 283/47 | 0/0    | 0/0    |        |
| UA3R   | 31,892  | 201 | 67  | SO-CW-LP  | 0/0   | 0/0   | 142/35 | 21/12  | 23/13  | 15/7   | UA3RC  |
| RN4AO  | 30,000  | 272 | 48  | SO-CW-LP  | 0/0   | 81/14 | 35/12  | 101/12 | 52/8   | 3/2    |        |
| UA1OM  | 29,014  | 168 | 89  | SO-CW-LP  | 84/26 | 15/12 | 33/22  | 23/18  | 9/7    | 4/4    |        |
| RN3DKE | 28,350  | 172 | 63  | SO-CW-LP  | 0/0   | 18/12 | 0/0    | 133/37 | 16/10  | 5/4    |        |
| R7KU   | 28,248  | 177 | 66  | SO-CW-LP  | 0/0   | 0/0   | 8/8    | 113/30 | 42/16  | 14/12  |        |
| R3LB   | 27,956  | 161 | 58  | SO-CW-HP  | 0/0   | 7/6   | 70/21  | 84/31  | 0/0    | 0/0    |        |
| UA6AK  | 27,348  | 249 | 53  | SO-CW-LP  | 0/0   | 0/0   | 36/8   | 20/7   | 20/11  | 173/27 |        |

|        |           |       |     |            |       |        |        |        |        |        |       |
|--------|-----------|-------|-----|------------|-------|--------|--------|--------|--------|--------|-------|
| R2AP   | 24,048    | 192   | 48  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 192/48 | 0/0    | 0/0    |       |
| RD4FD  | 22,134    | 152   | 62  | SO-CW-LP   | 0/0   | 26/9   | 57/21  | 66/29  | 3/3    | 0/0    |       |
| UA4FDL | 19,448    | 155   | 52  | SO-CW-LP   | 0/0   | 0/0    | 12/6   | 87/25  | 44/13  | 12/8   |       |
| RV3DBK | 18,872    | 172   | 56  | SO-CW-QRP  | 0/0   | 0/0    | 91/23  | 65/22  | 15/10  | 1/1    |       |
| RQ6A   | 18,703    | 117   | 59  | SO-CW-LP   | 0/0   | 0/0    | 30/15  | 65/25  | 17/14  | 5/5    |       |
| RK3DK  | 18,338    | 150   | 53  | SO-CW-HP   | 0/0   | 28/10  | 47/13  | 52/18  | 11/7   | 12/5   |       |
| RU6MO  | 17,632    | 176   | 38  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 0/0    | 115/26 | 61/12  |       |
| UA3PP  | 16,371    | 159   | 51  | SO-CW-QRP  | 0/0   | 21/8   | 54/19  | 83/23  | 1/1    | 0/0    |       |
| RN1AO  | 14,895    | 116   | 45  | SO-CW-LP   | 0/0   | 0/0    | 1/1    | 106/38 | 7/4    | 2/2    |       |
| UA4CIF | 14,637    | 126   | 51  | SO-CW-LP   | 0/0   | 25/11  | 0/0    | 89/33  | 11/6   | 1/1    |       |
| R3XAI  | 13,446    | 106   | 54  | SO-CW-LP   | 0/0   | 0/0    | 27/17  | 64/27  | 11/7   | 4/3    |       |
| RN3AOE | 11,500    | 97    | 50  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 55/23  | 27/16  | 15/11  |       |
| UA4QK  | 11,424    | 112   | 42  | SO-CW-LP   | 0/0   | 0/0    | 65/21  | 47/21  | 0/0    | 0/0    |       |
| RA3YDA | 9,295     | 84    | 55  | SO-CW-LP   | 0/0   | 0/0    | 7/7    | 20/19  | 38/18  | 19/11  |       |
| UA3GDU | 8,580     | 97    | 44  | SO-CW-QRP  | 0/0   | 0/0    | 40/20  | 22/9   | 27/10  | 8/5    |       |
| UD9P/4 | 8,352     | 100   | 36  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 47/15  | 48/17  | 5/4    |       |
| RU3MS  | 8,320     | 90    | 32  | SO-CW-LP   | 0/0   | 0/0    | 1/1    | 89/31  | 0/0    | 0/0    |       |
| UA3DCE | 7,755     | 63    | 47  | SO-CW-LP   | 2/2   | 0/0    | 0/0    | 39/24  | 17/16  | 5/5    |       |
| R3NAN  | 7,595     | 90    | 31  | SO-CW-LP   | 0/0   | 0/0    | 15/10  | 75/21  | 0/0    | 0/0    |       |
| R3XM   | 5,771     | 66    | 29  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 66/29  | 0/0    | 0/0    |       |
| UA1D   | 5,643     | 66    | 33  | SO-CW-LP   | 0/0   | 0/0    | 4/4    | 47/18  | 12/8   | 3/3    |       |
| RV1CC  | 3,014     | 49    | 22  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 49/22  | 0/0    | 0/0    |       |
| UA3DSN | 2,880     | 36    | 30  | SO-CW-HP   | 0/0   | 0/0    | 9/8    | 27/22  | 0/0    | 0/0    |       |
| RZ4AZ  | 2,720     | 70    | 20  | SO-CW-QRP  | 0/0   | 0/0    | 0/0    | 67/17  | 3/3    | 0/0    |       |
| UA6KAC | 2,320     | 55    | 20  | SO-CW-QRP  | 0/0   | 0/0    | 0/0    | 55/20  | 0/0    | 0/0    |       |
| RN1CW  | 2,314     | 39    | 26  | SO-CW-QRP  | 0/0   | 0/0    | 4/4    | 29/17  | 6/5    | 0/0    |       |
| RV6LN  | 2,266     | 38    | 22  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 26/14  | 0/0    | 12/8   |       |
| R5AU   | 1,968     | 29    | 16  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 18/9   | 11/7   | 0/0    |       |
| RQ7R   | 1,800     | 44    | 20  | SO-CW-QRP  | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 44/20  |       |
| R7RAG  | 1,615     | 45    | 19  | SO-CW-QRP  | 0/0   | 0/0    | 45/19  | 0/0    | 0/0    | 0/0    |       |
| RA3TYL | 1,274     | 39    | 14  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 39/14  | 0/0    | 0/0    |       |
| UB5MBA | 1,260     | 33    | 20  | SO-CW-LP   | 0/0   | 2/2    | 7/4    | 2/1    | 19/10  | 3/3    |       |
| RC7B   | 1,178     | 22    | 19  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 0/0    | 22/19  | 0/0    |       |
| UA1AUW | 315       | 17    | 9   | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 13/7   | 4/2    | 0/0    |       |
| RG5A   | 85        | 5     | 5   | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 5/5    | 0/0    | 0/0    |       |
| RU7A   | 16        | 4     | 4   | SO-CW-LP   | 0/0   | 0/0    | 1/1    | 1/1    | 1/1    | 1/1    |       |
| RA6CA  | 1,711,640 | 2,239 | 280 | SOU-MIX-HP | 63/27 | 118/36 | 417/57 | 906/72 | 478/57 | 257/31 |       |
| RL6M   | 1,019,165 | 1,491 | 259 | SOU-MIX-LP | 97/33 | 223/40 | 353/54 | 545/71 | 221/36 | 52/25  |       |
| RM2U   | 1,001,784 | 1,255 | 267 | SOU-MIX-HP | 85/27 | 146/42 | 331/67 | 559/76 | 92/37  | 42/18  | RU3UR |
| RL4F   | 810,084   | 1,456 | 204 | SOU-MIX-HP | 13/8  | 75/20  | 334/57 | 707/69 | 288/36 | 39/14  |       |
| RK4FD  | 652,650   | 1,020 | 229 | SOU-MIX-HP | 70/32 | 115/45 | 330/60 | 428/61 | 33/16  | 44/15  |       |
| RC6U   | 626,612   | 1,304 | 196 | SOU-MIX-HP | 0/0   | 20/18  | 348/45 | 459/60 | 363/49 | 114/24 |       |
| RK2M   | 157,878   | 457   | 147 | SOU-MIX-LP | 13/11 | 53/26  | 114/31 | 206/49 | 63/25  | 8/5    |       |
| RA4Y   | 131,580   | 442   | 129 | SOU-MIX-LP | 0/0   | 66/28  | 126/39 | 181/39 | 36/12  | 33/11  |       |

|        |           |       |     |            |        |        |        |        |        |        |       |
|--------|-----------|-------|-----|------------|--------|--------|--------|--------|--------|--------|-------|
| RU5A   | 94,446    | 343   | 106 | SOU-MIX-HP | 0/0    | 0/0    | 161/49 | 135/36 | 47/21  | 0/0    |       |
| R5AJ   | 89,760    | 478   | 68  | SOU-MIX-LP | 0/0    | 78/13  | 40/18  | 359/36 | 1/1    | 0/0    |       |
| RM4K   | 75,563    | 295   | 97  | SOU-MIX-LP | 0/0    | 0/0    | 0/0    | 218/60 | 69/31  | 8/6    | R4IT  |
| RL3AW  | 41,340    | 251   | 60  | SOU-MIX-LP | 0/0    | 0/0    | 0/0    | 251/60 | 0/0    | 0/0    |       |
| RU5TT  | 38,808    | 211   | 63  | SOU-MIX-HP | 0/0    | 0/0    | 0/0    | 191/52 | 12/7   | 8/4    | UA3TW |
| R7MU   | 36,352    | 183   | 71  | SOU-MIX-LP | 7/4    | 17/6   | 11/7   | 97/30  | 38/18  | 13/6   |       |
| RT3T   | 26,622    | 107   | 102 | SOU-MIX-LP | 20/19  | 21/20  | 31/30  | 20/19  | 12/11  | 3/3    |       |
| RA3FY  | 22,968    | 184   | 44  | SOU-MIX-LP | 0/0    | 0/0    | 0/0    | 184/44 | 0/0    | 0/0    |       |
| R2AB   | 19,546    | 126   | 58  | SOU-MIX-HP | 0/0    | 0/0    | 0/0    | 98/37  | 13/9   | 15/12  |       |
| RC7A   | 16,836    | 143   | 46  | SOU-MIX-HP | 0/0    | 1/1    | 2/1    | 71/20  | 32/13  | 37/11  |       |
| RL3F   | 15,750    | 168   | 35  | SOU-MIX-LP | 0/0    | 0/0    | 0/0    | 155/28 | 12/6   | 1/1    |       |
| R3DCX  | 15,717    | 167   | 39  | SOU-MIX-LP | 0/0    | 0/0    | 13/9   | 154/30 | 0/0    | 0/0    |       |
| R2AOQ  | 2,046     | 25    | 22  | SOU-MIX-HP | 0/0    | 1/1    | 13/10  | 7/7    | 4/4    | 0/0    |       |
| RC3FL  | 435       | 20    | 15  | SOU-MIX-LP | 8/5    | 0/0    | 12/10  | 0/0    | 0/0    | 0/0    |       |
| R3AW   | 4         | 2     | 2   | SOU-MIX-HP | 0/0    | 0/0    | 0/0    | 0/0    | 2/2    | 0/0    |       |
| RT2C   | 1,052,694 | 1,627 | 233 | SOU-PH-HP  | 21/15  | 203/34 | 362/58 | 822/71 | 170/35 | 49/20  | RV3FF |
| RW3XZ  | 618,186   | 1,154 | 197 | SOU-PH-HP  | 0/0    | 29/25  | 168/41 | 728/68 | 152/34 | 77/29  |       |
| RZ3Z   | 251,868   | 652   | 151 | SOU-PH-LP  | 0/0    | 39/25  | 77/31  | 386/48 | 112/27 | 38/20  |       |
| RM3DA  | 55,566    | 272   | 81  | SOU-PH-HP  | 6/6    | 0/0    | 173/36 | 73/25  | 20/14  | 0/0    |       |
| UA6YN  | 43,656    | 210   | 107 | SOU-PH-LP  | 0/0    | 33/23  | 54/27  | 86/35  | 32/18  | 5/4    |       |
| R3AAA  | 38,584    | 189   | 91  | SOU-PH-LP  | 1/1    | 5/5    | 33/21  | 112/40 | 28/16  | 10/8   |       |
| RZ2D   | 14,529    | 101   | 87  | SOU-PH-HP  | 0/0    | 1/1    | 19/17  | 45/35  | 29/27  | 7/7    | UA3BZ |
| RL5A   | 1,811,244 | 2,154 | 298 | SOU-CW-HP  | 112/33 | 244/45 | 392/66 | 863/78 | 406/49 | 137/27 |       |
| RU6K   | 1,470,574 | 1,661 | 322 | SOU-CW-LP  | 63/34  | 177/51 | 382/71 | 530/79 | 364/58 | 145/29 |       |
| R7MM   | 1,031,955 | 1,354 | 267 | SOU-CW-LP  | 37/24  | 121/35 | 302/57 | 570/76 | 240/51 | 84/24  |       |
| UB3A   | 1,010,772 | 1,213 | 294 | SOU-CW-HP  | 103/32 | 149/46 | 279/70 | 440/78 | 195/51 | 47/17  |       |
| UA6CC  | 954,720   | 1,256 | 270 | SOU-CW-HP  | 31/15  | 124/39 | 200/62 | 542/75 | 237/49 | 122/30 |       |
| RA3AN  | 820,328   | 1,266 | 244 | SOU-CW-LP  | 65/23  | 158/35 | 209/41 | 532/73 | 242/49 | 60/23  |       |
| R4LR   | 779,000   | 1,078 | 250 | SOU-CW-HP  | 22/17  | 172/40 | 366/65 | 412/76 | 96/42  | 10/10  |       |
| R3QA   | 716,352   | 1,176 | 224 | SOU-CW-LP  | 0/0    | 212/38 | 233/59 | 376/60 | 197/42 | 158/25 |       |
| R4KO   | 680,238   | 1,156 | 234 | SOU-CW-HP  | 19/16  | 67/39  | 317/58 | 589/68 | 143/42 | 21/11  |       |
| UA4C   | 665,049   | 1,090 | 231 | SOU-CW-HP  | 0/0    | 163/37 | 127/44 | 504/79 | 233/48 | 63/23  |       |
| UA6LCN | 654,738   | 993   | 238 | SOU-CW-HP  | 30/22  | 82/29  | 162/52 | 423/69 | 250/48 | 46/18  |       |
| RT4M   | 613,428   | 1,166 | 204 | SOU-CW-HP  | 29/18  | 69/28  | 321/57 | 657/64 | 87/34  | 3/3    |       |
| RM5F   | 457,272   | 1,047 | 174 | SOU-CW-QRP | 0/0    | 199/36 | 319/47 | 373/50 | 141/32 | 15/9   |       |
| RK3P   | 397,168   | 715   | 206 | SOU-CW-LP  | 27/14  | 142/36 | 78/42  | 312/57 | 114/38 | 42/19  |       |
| R7CT   | 314,503   | 708   | 179 | SOU-CW-LP  | 0/0    | 89/35  | 207/45 | 300/57 | 93/28  | 19/14  |       |
| R7AW   | 275,504   | 779   | 134 | SOU-CW-HP  | 0/0    | 0/0    | 76/40  | 494/49 | 106/27 | 103/18 |       |
| R5DT   | 273,916   | 538   | 188 | SOU-CW-HP  | 31/19  | 72/28  | 147/44 | 230/57 | 46/31  | 12/9   |       |
| R3ST   | 273,394   | 593   | 187 | SOU-CW-HP  | 57/19  | 122/28 | 123/43 | 207/56 | 60/27  | 24/14  |       |
| UA3QAM | 259,017   | 555   | 167 | SOU-CW-LP  | 0/0    | 102/35 | 110/38 | 264/57 | 67/30  | 12/7   |       |
| RX3N   | 254,058   | 694   | 138 | SOU-CW-HP  | 0/0    | 0/0    | 185/43 | 325/50 | 149/32 | 35/13  | RX4W  |
| RN3S   | 242,788   | 597   | 161 | SOU-CW-LP  | 23/12  | 111/34 | 139/35 | 243/43 | 66/28  | 15/9   |       |
| RA3DNC | 232,842   | 599   | 151 | SOU-CW-HP  | 0/0    | 73/28  | 114/33 | 278/52 | 112/27 | 22/11  |       |

|          |           |       |     |            |        |        |        |          |        |        |                                                                        |
|----------|-----------|-------|-----|------------|--------|--------|--------|----------|--------|--------|------------------------------------------------------------------------|
| RC1W     | 228,969   | 549   | 171 | SOU-CW-LP  | 58/30  | 123/32 | 94/36  | 219/46   | 47/20  | 8/7    |                                                                        |
| UA6LCJ   | 220,500   | 628   | 147 | SOU-CW-LP  | 2/1    | 59/18  | 91/28  | 258/39   | 152/35 | 66/26  |                                                                        |
| UA3QGT   | 210,366   | 423   | 186 | SOU-CW-HP  | 5/5    | 41/32  | 52/43  | 153/51   | 100/37 | 72/18  |                                                                        |
| RG4A     | 195,184   | 433   | 176 | SOU-CW-LP  | 3/3    | 42/23  | 85/42  | 192/58   | 79/33  | 32/17  |                                                                        |
| R3VL     | 176,252   | 498   | 139 | SOU-CW-LP  | 8/4    | 70/26  | 164/38 | 181/42   | 58/20  | 17/9   |                                                                        |
| R7AT     | 150,629   | 494   | 113 | SOU-CW-HP  | 0/0    | 60/33  | 363/52 | 70/27    | 1/1    | 0/0    |                                                                        |
| UA3LID   | 133,334   | 333   | 163 | SOU-CW-LP  | 6/6    | 80/33  | 67/37  | 111/45   | 48/26  | 21/16  |                                                                        |
| UG4A     | 111,630   | 371   | 122 | SOU-CW-LP  | 0/0    | 0/0    | 57/26  | 184/50   | 115/35 | 15/11  |                                                                        |
| R4IO     | 92,250    | 496   | 75  | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 453/55   | 43/20  | 0/0    |                                                                        |
| UA3AGW   | 91,419    | 359   | 93  | SOU-CW-HP  | 0/0    | 40/13  | 24/9   | 179/43   | 75/17  | 41/11  |                                                                        |
| RL4A     | 88,911    | 222   | 111 | SOU-CW-LP  | 3/3    | 24/12  | 73/29  | 63/35    | 36/20  | 23/12  |                                                                        |
| RT6N     | 67,728    | 316   | 83  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 229/46   | 54/21  | 33/16  |                                                                        |
| RL3T     | 65,704    | 310   | 86  | SOU-CW-HP  | 0/0    | 0/0    | 94/33  | 159/28   | 49/19  | 8/6    |                                                                        |
| RM4N     | 50,160    | 224   | 95  | SOU-CW-HP  | 0/0    | 0/0    | 117/39 | 78/43    | 29/13  | 0/0    |                                                                        |
| RA7M     | 46,215    | 252   | 79  | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 154/40   | 74/27  | 24/12  |                                                                        |
| RU4LM    | 34,638    | 270   | 46  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 270/46   | 0/0    | 0/0    |                                                                        |
| RA3TT    | 32,312    | 220   | 56  | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 220/56   | 0/0    | 0/0    |                                                                        |
| RT5C     | 30,888    | 147   | 104 | SOU-CW-LP  | 24/15  | 41/19  | 21/19  | 43/35    | 8/8    | 10/8   |                                                                        |
| RG3B     | 30,208    | 200   | 59  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 162/39   | 33/17  | 5/3    |                                                                        |
| RA3DJA   | 27,417    | 190   | 57  | SOU-CW-QRP | 0/0    | 1/1    | 53/17  | 126/32   | 4/3    | 6/4    |                                                                        |
| R6KEE    | 23,750    | 200   | 50  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 186/39   | 9/6    | 5/5    |                                                                        |
| RD7KW    | 12,960    | 110   | 54  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 42/19    | 35/17  | 33/18  |                                                                        |
| RX3MM    | 12,800    | 103   | 50  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 45/22    | 46/17  | 12/11  |                                                                        |
| RW4CLF/3 | 12,711    | 108   | 57  | SOU-CW-HP  | 0/0    | 11/7   | 39/20  | 26/11    | 32/19  | 0/0    | @UF5D                                                                  |
| UA4CNJ   | 12,240    | 126   | 40  | SOU-CW-LP  | 0/0    | 0/0    | 11/8   | 92/19    | 19/9   | 4/4    |                                                                        |
| R7CA     | 7,410     | 96    | 30  | SOU-CW-LP  | 0/0    | 0/0    | 47/13  | 49/17    | 0/0    | 0/0    |                                                                        |
| UA3MIF   | 5,472     | 84    | 36  | SOU-CW-LP  | 14/7   | 34/9   | 28/13  | 8/7      | 0/0    | 0/0    |                                                                        |
| R6CW     | 2,800     | 38    | 28  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 8/8      | 17/11  | 13/9   |                                                                        |
| RA3FD    | 1,134     | 28    | 27  | SOU-CW-LP  | 5/5    | 7/7    | 2/2    | 9/8      | 4/4    | 1/1    |                                                                        |
| UA7R     | 12        | 2     | 2   | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 0/0      | 2/2    | 0/0    |                                                                        |
| RL3A     | 4,521,984 | 3,947 | 368 | MSHP       | 84/26  | 435/61 | 969/86 | 1,602/97 | 556/60 | 301/38 | RA1ZZ, RA3ATX, RA9USU, RL3FT, RW4WR, RX3APM, UA3ASZ                    |
| RT5G     | 1,975,540 | 2,524 | 274 | MSHP       | 82/26  | 195/36 | 503/56 | 1,241/85 | 459/50 | 44/21  | R3GM, R5GR, R5RA, RG5G, UA3GAF                                         |
| RT4G     | 1,738,100 | 1,873 | 325 | MSHP       | 118/31 | 188/53 | 436/75 | 676/83   | 380/59 | 75/24  | RM4F, UD4F                                                             |
| RO2E     | 1,523,662 | 1,912 | 301 | MSHP       | 93/33  | 175/43 | 363/62 | 822/76   | 331/58 | 128/29 | R2EA, RU3EG, RZ3EC                                                     |
| RM5A     | 1,123,425 | 1,927 | 225 | MSHP       | 78/24  | 255/37 | 501/58 | 923/71   | 169/34 | 1/1    | R5CA, RD3ARD, RD3BW, RG5F, RN3AC, RU4W, UB3AQA, UB3ATH, UB3DQV, UB3DRU |
| RM1Q     | 751,920   | 1,515 | 208 | MSHP       | 102/27 | 188/34 | 367/54 | 661/53   | 170/26 | 27/14  | RU1QQ, RW1QS, UA1QM                                                    |
| RM3M     | 478,288   | 1,033 | 167 | MSHP       | 16/9   | 35/20  | 143/35 | 660/68   | 161/28 | 18/7   | R3MZ, RC3M                                                             |
| RO5F     | 361,665   | 879   | 171 | MSHP       | 86/21  | 162/33 | 227/44 | 285/38   | 110/28 | 9/7    | RV3DM, UA3FQ, UI3D                                                     |
| R3OM     | 261,100   | 759   | 140 | MSHP       | 0/0    | 217/34 | 222/37 | 215/41   | 104/27 | 1/1    | R3OF, R3OM, RL3QI, RU3OZ                                               |
| RA5AD    | 78,903    | 359   | 99  | MSHP       | 0/0    | 2/2    | 112/32 | 192/41   | 43/18  | 10/6   | R2AUP, R3AP                                                            |
| RK3MXT   | 17,576    | 150   | 52  | MSHP       | 0/0    | 0/0    | 14/12  | 130/34   | 4/4    | 2/2    | RV3ML, UA3MJS                                                          |
| RC7LX    | 6,811     | 81    | 49  | MSHP       | 0/0    | 0/0    | 17/11  | 53/27    | 0/0    | 11/11  | Aleksandr, Dagin, RC7LX, Sergeevich                                    |

|             |           |       |     |            |        |        |        |          |        |       |              |
|-------------|-----------|-------|-----|------------|--------|--------|--------|----------|--------|-------|--------------|
| UA3EUW      | 2,485     | 43    | 35  | MSHP       | 0/0    | 6/5    | 7/7    | 21/17    | 9/6    | 0/0   | UA3EUW       |
| RC3P        | 615       | 22    | 15  | MSHP       | 0/0    | 0/0    | 13/7   | 9/8      | 0/0    | 0/0   | RM2P, UA3PPO |
|             |           |       |     |            |        |        |        |          |        |       |              |
| Kaliningrad |           |       |     |            |        |        |        |          |        |       |              |
| UA2K        | 868,323   | 1,439 | 241 | SO-MIX-LP  | 77/29  | 259/45 | 416/56 | 519/63   | 141/36 | 27/12 | UA2FB        |
| UA2FBQ      | 14,080    | 119   | 64  | SO-MIX-LP  | 0/0    | 15/15  | 28/17  | 40/20    | 25/7   | 11/5  |              |
| RW2F        | 675,521   | 1,171 | 217 | SO-CW-LP   | 62/22  | 142/29 | 446/54 | 348/54   | 150/44 | 23/14 | RA2FA        |
| RA2F        | 287,622   | 986   | 114 | SO-CW-HP   | 0/0    | 106/13 | 258/24 | 484/46   | 134/28 | 4/3   |              |
| UA2FL       | 121,502   | 663   | 79  | SO-CW-LP   | 11/6   | 150/18 | 190/20 | 220/25   | 81/9   | 11/1  |              |
| UA2CZ       | 89,037    | 275   | 117 | SO-CW-HP   | 0/0    | 44/25  | 66/32  | 122/42   | 36/13  | 7/5   |              |
| UA2FP       | 31,992    | 236   | 62  | SO-CW-LP   | 0/0    | 0/0    | 130/32 | 92/23    | 12/5   | 2/2   |              |
| RN2FQ       | 30,051    | 149   | 81  | SO-CW-HP   | 0/0    | 31/19  | 32/19  | 69/33    | 12/8   | 5/2   |              |
| UI2K        | 1,575,226 | 2,072 | 274 | SOU-MIX-HP | 56/28  | 256/47 | 495/54 | 899/77   | 347/49 | 19/19 | UA2FZ        |
| RN2FA       | 42,978    | 259   | 78  | SOU-MIX-LP | 56/23  | 4/3    | 66/23  | 89/18    | 39/9   | 5/2   |              |
| RT2F        | 5,250     | 61    | 30  | SOU-MIX-LP | 0/0    | 0/0    | 29/19  | 30/10    | 0/0    | 2/1   |              |
|             |           |       |     |            |        |        |        |          |        |       |              |
| Latvia      |           |       |     |            |        |        |        |          |        |       |              |
| YL2SM       | 1,695,238 | 2,011 | 274 | SO-MIX-HP  | 112/32 | 134/38 | 486/57 | 721/65   | 510/60 | 48/22 |              |
| YL3GQ       | 42,722    | 265   | 82  | SO-MIX-LP  | 0/0    | 40/15  | 55/19  | 121/28   | 42/15  | 7/5   |              |
| YL2LW       | 27,456    | 194   | 64  | SO-MIX-LP  | 0/0    | 0/0    | 0/0    | 100/29   | 66/23  | 28/12 |              |
| YL2GP       | 9,486     | 94    | 51  | SO-MIX-LP  | 30/14  | 5/5    | 37/16  | 0/0      | 0/0    | 22/16 |              |
| YL5W        | 482,160   | 1,005 | 196 | SO-CW-LP   | 66/28  | 190/32 | 190/42 | 380/51   | 143/27 | 36/16 | YL2GN        |
| YL2CV       | 292,194   | 606   | 189 | SO-CW-LP   | 43/26  | 59/30  | 169/42 | 210/42   | 93/32  | 32/17 |              |
| YL2EA       | 32,750    | 218   | 50  | SO-CW-HP   | 0/0    | 0/0    | 0/0    | 218/50   | 0/0    | 0/0   |              |
| YL3FW       | 10,404    | 104   | 51  | SO-CW-QRP  | 0/0    | 48/26  | 56/25  | 0/0      | 0/0    | 0/0   |              |
| YL3JD       | 7,242     | 94    | 34  | SO-CW-LP   | 0/0    | 0/0    | 20/9   | 74/25    | 0/0    | 0/0   |              |
| YL2HB       | 1,886     | 44    | 23  | SO-CW-LP   | 0/0    | 1/1    | 43/22  | 0/0      | 0/0    | 0/0   |              |
| YL6W        | 1,935,054 | 2,076 | 319 | SOU-MIX-HP | 85/37  | 166/53 | 567/74 | 1,046/79 | 147/52 | 65/24 | YL2GD        |
| YL2IP       | 38,720    | 195   | 80  | SOU-MIX-HP | 0/0    | 0/0    | 88/37  | 91/36    | 16/7   | 0/0   |              |
| YL5X        | 135,786   | 481   | 122 | SOU-CW-HP  | 0/0    | 219/38 | 78/29  | 130/37   | 54/18  | 0/0   |              |
| YL5T        | 31,740    | 260   | 46  | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 131/23   | 94/15  | 35/8  | YL3DQ        |
| YL3FO       | 13,846    | 113   | 43  | SOU-CW-LP  | 0/0    | 0/0    | 13/8   | 68/23    | 23/7   | 9/5   |              |
|             |           |       |     |            |        |        |        |          |        |       |              |
| Lithuania   |           |       |     |            |        |        |        |          |        |       |              |
| LY4L        | 1,211,760 | 1,932 | 240 | SO-MIX-LP  | 112/31 | 420/42 | 455/52 | 741/65   | 151/32 | 53/18 |              |
| LY9Y        | 681,804   | 1,170 | 236 | SO-MIX-LP  | 64/28  | 151/35 | 292/56 | 472/63   | 136/34 | 55/20 |              |
| LY5G        | 308,812   | 795   | 164 | SO-MIX-QRP | 17/14  | 135/32 | 177/36 | 333/46   | 104/25 | 29/11 |              |
| LY5XX       | 146,000   | 564   | 125 | SO-MIX-LP  | 33/14  | 108/22 | 105/30 | 274/36   | 34/16  | 10/7  |              |
| LY5I        | 110,592   | 409   | 128 | SO-MIX-LP  | 32/15  | 45/16  | 120/32 | 153/36   | 27/16  | 32/13 |              |
| LY5Q        | 46,980    | 341   | 54  | SO-MIX-LP  | 0/0    | 0/0    | 341/54 | 0/0      | 0/0    | 0/0   |              |
| LY7M        | 6,176     | 99    | 32  | SO-MIX-HP  | 0/0    | 7/6    | 92/26  | 0/0      | 0/0    | 0/0   |              |
| LY4MA       | 30,699    | 199   | 81  | SO-PH-LP   | 0/0    | 27/15  | 24/17  | 96/26    | 42/15  | 10/8  |              |
| LY3S        | 24,090    | 302   | 33  | SO-PH-HP   | 0/0    | 302/33 | 0/0    | 0/0      | 0/0    | 0/0   |              |
| LY3LT       | 5,304     | 85    | 26  | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 85/26    | 0/0    | 0/0   |              |

|         |           |       |     |            |        |        |          |          |        |        |          |
|---------|-----------|-------|-----|------------|--------|--------|----------|----------|--------|--------|----------|
| LY5BA   | 80        | 8     | 8   | SO-PH-LP   | 0/0    | 3/3    | 4/4      | 1/1      | 0/0    | 0/0    | (@LY5NJ) |
| LY2KA   | 221,556   | 583   | 148 | SO-CW-HP   | 1/1    | 34/23  | 191/34   | 248/46   | 74/31  | 35/13  |          |
| LY2NZ   | 64,862    | 293   | 113 | SO-CW-LP   | 44/21  | 47/22  | 34/17    | 87/23    | 59/18  | 22/12  |          |
| LY2LF   | 11,466    | 183   | 26  | SO-CW-LP   | 0/0    | 0/0    | 0/0      | 183/26   | 0/0    | 0/0    |          |
| LY8A    | 10,881    | 149   | 31  | SO-CW-LP   | 0/0    | 0/0    | 149/31   | 0/0      | 0/0    | 0/0    |          |
| LY2BAA  | 4,309     | 68    | 31  | SO-CW-LP   | 0/0    | 8/8    | 23/15    | 37/8     | 0/0    | 0/0    |          |
| LY7Z    | 3,098,073 | 2,982 | 349 | SOU-MIX-HP | 89/38  | 265/55 | 1,032/80 | 1,141/85 | 396/64 | 59/27  |          |
| LY1DZ   | 23,800    | 199   | 56  | SOU-MIX-HP | 0/0    | 5/4    | 97/22    | 82/20    | 13/8   | 2/2    |          |
| LY2SA   | 21,040    | 137   | 80  | SOU-MIX-HP | 13/10  | 28/18  | 25/18    | 43/22    | 26/10  | 2/2    |          |
| LY3AB   | 17,690    | 136   | 61  | SOU-MIX-LP | 0/0    | 0/0    | 13/10    | 64/27    | 43/14  | 16/10  |          |
| LY5T    | 8,874     | 116   | 34  | SOU-MIX-LP | 0/0    | 0/0    | 68/19    | 47/14    | 1/1    | 0/0    |          |
| LY2CX   | 4         | 3     | 2   | SOU-MIX-HP | 0/0    | 1/1    | 2/1      | 0/0      | 0/0    | 0/0    |          |
| LY2GN   | 15,696    | 116   | 72  | SOU-PH-LP  | 0/0    | 16/13  | 40/24    | 48/26    | 9/6    | 3/3    |          |
| LY5P    | 12,597    | 115   | 57  | SOU-PH-LP  | 0/0    | 10/10  | 2/2      | 58/25    | 37/14  | 8/6    |          |
| LY4BP   | 2,717     | 76    | 13  | SOU-PH-HP  | 0/0    | 0/0    | 22/4     | 54/9     | 0/0    | 0/0    |          |
| LY5E    | 2,262,960 | 2,181 | 360 | SOU-CW-HP  | 107/40 | 217/57 | 452/72   | 927/89   | 423/68 | 55/34  |          |
| LY5W    | 1,210,626 | 1,345 | 318 | SOU-CW-HP  | 150/38 | 199/52 | 299/68   | 348/77   | 249/55 | 100/28 |          |
| LY5R    | 1,136,994 | 1,357 | 314 | SOU-CW-HP  | 88/35  | 209/48 | 346/67   | 470/81   | 198/60 | 46/23  |          |
| LY3CY   | 304,456   | 733   | 152 | SOU-CW-HP  | 0/0    | 130/32 | 246/43   | 269/44   | 70/24  | 18/9   |          |
| LY2AX   | 239,568   | 634   | 168 | SOU-CW-HP  | 57/25  | 90/26  | 158/33   | 188/41   | 93/22  | 48/21  |          |
| LY2RJ   | 208,715   | 940   | 95  | SOU-CW-HP  | 0/0    | 127/20 | 357/25   | 411/36   | 13/6   | 32/8   |          |
| LY2MC   | 97,588    | 340   | 124 | SOU-CW-LP  | 0/0    | 51/26  | 65/30    | 152/38   | 55/21  | 17/9   |          |
| LY3G    | 54,153    | 243   | 99  | SOU-CW-QRP | 0/0    | 56/18  | 63/31    | 90/32    | 23/11  | 11/7   |          |
| LY5N    | 1,088     | 35    | 17  | SOU-CW-HP  | 1/1    | 2/2    | 26/8     | 4/4      | 1/1    | 1/1    |          |
|         |           |       |     |            |        |        |          |          |        |        |          |
| Moldova |           |       |     |            |        |        |          |          |        |        |          |
| ER3CT   | 44,702    | 216   | 103 | SO-PH-LP   | 0/0    | 27/17  | 56/26    | 89/33    | 34/17  | 10/10  |          |
|         |           |       |     |            |        |        |          |          |        |        |          |
| Ukraine |           |       |     |            |        |        |          |          |        |        |          |
| UW5Y    | 1,692,041 | 1,971 | 299 | SO-MIX-LP  | 62/31  | 166/42 | 386/59   | 985/82   | 311/63 | 61/22  | US2YW    |
| UW7LL   | 1,666,320 | 2,001 | 318 | SO-MIX-LP  | 67/27  | 208/48 | 467/71   | 834/82   | 369/63 | 56/27  |          |
| UX2MF   | 387,779   | 698   | 217 | SO-MIX-HP  | 56/24  | 84/34  | 129/41   | 267/64   | 130/35 | 32/19  |          |
| UT3EV   | 341,764   | 823   | 172 | SO-MIX-LP  | 0/0    | 132/34 | 132/35   | 299/53   | 218/29 | 42/21  |          |
| UT3SO   | 244,125   | 759   | 155 | SO-MIX-LP  | 47/18  | 187/30 | 207/38   | 204/37   | 92/23  | 22/9   |          |
| UY5ZZ   | 215,338   | 592   | 134 | SO-MIX-HP  | 10/10  | 25/12  | 131/29   | 362/44   | 34/26  | 30/13  |          |
| US8IM   | 207,198   | 534   | 162 | SO-MIX-LP  | 24/15  | 67/22  | 52/24    | 257/54   | 75/31  | 59/16  |          |
| UX7MR   | 195,041   | 551   | 149 | SO-MIX-LP  | 0/0    | 30/13  | 90/31    | 269/55   | 111/29 | 51/21  |          |
| UT3UZ   | 182,028   | 578   | 132 | SO-MIX-LP  | 0/0    | 98/30  | 182/40   | 269/48   | 29/14  | 0/0    |          |
| UR5UZ   | 131,824   | 402   | 112 | SO-MIX-LP  | 0/0    | 0/0    | 46/20    | 275/58   | 78/31  | 3/3    |          |
| UT6EE   | 129,450   | 342   | 150 | SO-MIX-HP  | 0/0    | 15/11  | 48/33    | 179/55   | 68/29  | 32/22  |          |
| UT8IM   | 124,621   | 410   | 133 | SO-MIX-LP  | 0/0    | 40/20  | 74/30    | 196/43   | 84/30  | 16/10  |          |
| UYØCA   | 88,256    | 351   | 112 | SO-MIX-LP  | 0/0    | 0/0    | 92/28    | 136/36   | 88/28  | 35/20  |          |
| UT5EOX  | 88,038    | 283   | 146 | SO-MIX-QRP | 20/14  | 21/17  | 44/26    | 108/41   | 64/30  | 26/18  |          |
| UX8IX   | 80,379    | 334   | 117 | SO-MIX-QRP | 0/0    | 38/14  | 92/33    | 104/28   | 61/22  | 39/20  |          |

|        |           |       |     |            |        |        |        |        |        |        |       |
|--------|-----------|-------|-----|------------|--------|--------|--------|--------|--------|--------|-------|
| UY5TE  | 74,428    | 387   | 92  | SO-MIX-LP  | 0/0    | 40/13  | 104/24 | 198/35 | 38/16  | 7/4    |       |
| UT5UN  | 60,368    | 273   | 88  | SO-MIX-LP  | 0/0    | 0/0    | 28/5   | 142/41 | 82/30  | 21/12  |       |
| UY5QJ  | 50,706    | 245   | 81  | SO-MIX-LP  | 0/0    | 0/0    | 0/0    | 173/42 | 49/22  | 23/17  |       |
| UT1WW  | 50,623    | 360   | 71  | SO-MIX-LP  | 0/0    | 197/28 | 128/25 | 22/13  | 13/5   | 0/0    |       |
| UXØFF  | 46,154    | 235   | 94  | SO-MIX-LP  | 0/0    | 8/6    | 48/23  | 114/37 | 53/21  | 12/7   |       |
| UT2MZ  | 40,115    | 153   | 113 | SO-MIX-LP  | 0/0    | 19/17  | 16/11  | 63/44  | 47/34  | 8/7    |       |
| US1UU  | 22,152    | 167   | 71  | SO-MIX-QRP | 36/12  | 50/20  | 12/10  | 63/23  | 3/3    | 3/3    |       |
| UR5WHQ | 16,884    | 120   | 67  | SO-MIX-LP  | 0/0    | 7/7    | 51/32  | 0/0    | 39/18  | 23/10  |       |
| UR4QR  | 11,070    | 130   | 45  | SO-MIX-LP  | 0/0    | 0/0    | 58/23  | 72/22  | 0/0    | 0/0    |       |
| UY5QZ  | 11,058    | 99    | 57  | SO-MIX-HP  | 0/0    | 10/8   | 4/3    | 25/14  | 33/18  | 27/14  |       |
| USØTA  | 2,232     | 36    | 36  | SO-MIX-LP  | 11/11  | 0/0    | 1/1    | 5/5    | 10/10  | 9/9    |       |
| UT3QU  | 310       | 15    | 10  | SO-MIX-LP  | 0/0    | 1/1    | 10/5   | 4/4    | 0/0    | 0/0    |       |
| US5D   | 752,854   | 1,314 | 202 | SO-PH-HP   | 47/28  | 67/25  | 178/40 | 644/59 | 321/37 | 57/13  | UT7DX |
| UT8EL  | 85,707    | 303   | 107 | SO-PH-LP   | 0/0    | 5/5    | 18/16  | 162/41 | 78/30  | 40/15  |       |
| US5QRW | 83,034    | 290   | 126 | SO-PH-HP   | 0/0    | 32/21  | 64/32  | 107/31 | 58/25  | 29/17  |       |
| USØMS  | 53,379    | 254   | 81  | SO-PH-LP   | 0/0    | 0/0    | 7/6    | 210/54 | 32/16  | 5/5    |       |
| UT5RB  | 35,376    | 172   | 88  | SO-PH-HP   | 0/0    | 35/20  | 42/27  | 95/41  | 0/0    | 0/0    |       |
| UX3IT  | 30,550    | 224   | 50  | SO-PH-HP   | 0/0    | 0/0    | 0/0    | 224/50 | 0/0    | 0/0    |       |
| UR4MS  | 20,700    | 114   | 100 | SO-PH-LP   | 0/0    | 13/13  | 19/18  | 46/38  | 24/20  | 12/11  |       |
| UR7TV  | 17,500    | 145   | 70  | SO-PH-QRP  | 0/0    | 24/15  | 16/12  | 84/28  | 11/6   | 10/9   |       |
| UT5HX  | 16,848    | 121   | 72  | SO-PH-LP   | 0/0    | 0/0    | 22/19  | 51/25  | 36/18  | 12/10  |       |
| US6IKF | 11,800    | 96    | 59  | SO-PH-LP   | 0/0    | 0/0    | 9/8    | 46/25  | 33/18  | 8/8    |       |
| UT3UIC | 10,280    | 69    | 40  | SO-PH-LP   | 0/0    | 0/0    | 11/8   | 46/24  | 12/8   | 0/0    |       |
| UR3QTN | 6,624     | 77    | 48  | SO-PH-LP   | 0/0    | 2/2    | 22/12  | 46/27  | 2/2    | 5/5    |       |
| UT5ZL  | 714       | 21    | 14  | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 21/14  | 0/0    | 0/0    |       |
| UR4UGL | 288       | 16    | 16  | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 16/16  | 0/0    | 0/0    |       |
| UR7QDO | 1         | 1     | 1   | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0    | 1/1    |       |
| UW1M   | 2,323,620 | 2,290 | 331 | SO-CW-HP   | 54/32  | 210/51 | 460/71 | 845/85 | 537/60 | 184/32 | UR5MW |
| UR7GO  | 2,081,510 | 2,188 | 326 | SO-CW-HP   | 78/32  | 181/48 | 500/68 | 951/86 | 381/64 | 97/28  |       |
| UT5EO  | 1,389,406 | 1,790 | 293 | SO-CW-LP   | 101/30 | 198/44 | 362/60 | 768/76 | 262/56 | 99/27  |       |
| UY7RR  | 287,810   | 665   | 170 | SO-CW-QRP  | 0/0    | 126/33 | 162/41 | 283/53 | 77/31  | 17/12  |       |
| UT7NI  | 275,250   | 755   | 150 | SO-CW-LP   | 0/0    | 172/34 | 147/34 | 297/42 | 89/24  | 50/16  |       |
| UT5NR  | 234,945   | 811   | 115 | SO-CW-LP   | 0/0    | 0/0    | 307/37 | 347/41 | 141/29 | 16/8   |       |
| UY5AA  | 231,168   | 393   | 192 | SO-CW-LP   | 25/19  | 8/6    | 81/44  | 167/60 | 70/39  | 42/24  |       |
| US6EX  | 201,438   | 447   | 171 | SO-CW-LP   | 47/25  | 47/32  | 24/9   | 199/49 | 101/42 | 29/14  |       |
| UR5FEO | 192,696   | 536   | 148 | SO-CW-QRP  | 27/17  | 102/29 | 143/37 | 221/46 | 38/15  | 5/4    |       |
| US1IV  | 159,000   | 511   | 125 | SO-CW-HP   | 0/0    | 64/18  | 137/34 | 274/52 | 23/13  | 13/8   |       |
| UR5KO  | 140,216   | 447   | 136 | SO-CW-LP   | 14/12  | 49/19  | 111/33 | 192/38 | 52/20  | 29/14  |       |
| US5VX  | 131,968   | 384   | 128 | SO-CW-QRP  | 12/8   | 18/13  | 17/12  | 254/56 | 49/21  | 34/18  |       |
| UT4UQ  | 118,198   | 443   | 113 | SO-CW-LP   | 0/0    | 85/24  | 142/32 | 165/32 | 45/19  | 6/6    |       |
| US3EW  | 114,240   | 365   | 120 | SO-CW-LP   | 0/0    | 0/0    | 103/35 | 159/42 | 82/29  | 21/14  |       |
| UT7IS  | 103,469   | 399   | 107 | SO-CW-HP   | 0/0    | 0/0    | 63/23  | 238/51 | 98/33  | 0/0    |       |
| UTØCK  | 102,705   | 352   | 123 | SO-CW-LP   | 0/0    | 50/19  | 75/29  | 134/35 | 64/24  | 29/16  |       |
| UZ7F   | 89,816    | 401   | 103 | SO-CW-QRP  | 19/6   | 90/23  | 100/29 | 148/33 | 34/10  | 10/2   |       |

|        |           |       |     |            |       |        |        |        |        |       |        |
|--------|-----------|-------|-----|------------|-------|--------|--------|--------|--------|-------|--------|
| UT8AS  | 78,958    | 338   | 97  | SO-CW-LP   | 0/0   | 90/26  | 148/32 | 60/23  | 40/16  | 0/0   |        |
| UR3QX  | 78,650    | 274   | 110 | SO-CW-HP   | 0/0   | 0/0    | 92/37  | 74/31  | 54/23  | 54/19 |        |
| UY5VA  | 78,624    | 367   | 91  | SO-CW-LP   | 0/0   | 0/0    | 78/23  | 199/35 | 84/27  | 6/6   |        |
| UT8IT  | 77,112    | 256   | 119 | SO-CW-LP   | 13/8  | 20/12  | 56/28  | 77/31  | 65/23  | 25/17 |        |
| UR2VA  | 75,537    | 304   | 99  | SO-CW-HP   | 0/0   | 0/0    | 14/9   | 178/44 | 91/32  | 21/14 |        |
| US1VM  | 74,385    | 318   | 95  | SO-CW-LP   | 0/0   | 25/7   | 185/43 | 87/35  | 21/10  | 0/0   |        |
| UX2IJ  | 69,368    | 269   | 104 | SO-CW-LP   | 0/0   | 69/26  | 95/33  | 88/31  | 9/6    | 8/8   |        |
| UY5YB  | 68,541    | 278   | 93  | SO-CW-LP   | 0/0   | 34/16  | 54/24  | 140/34 | 50/19  | 0/0   |        |
| UT5NC  | 68,110    | 554   | 49  | SO-CW-HP   | 0/0   | 0/0    | 554/49 | 0/0    | 0/0    | 0/0   |        |
| UT2UZ  | 54,784    | 217   | 107 | SO-CW-QRP  | 4/4   | 26/19  | 25/16  | 104/35 | 45/23  | 13/10 |        |
| UT1XX  | 51,243    | 260   | 87  | SO-CW-QRP  | 0/0   | 0/0    | 62/27  | 132/33 | 51/17  | 15/10 |        |
| UY3MW  | 49,192    | 222   | 88  | SO-CW-LP   | 0/0   | 0/0    | 19/11  | 88/28  | 80/31  | 35/18 |        |
| UW5Q   | 46,620    | 295   | 70  | SO-CW-LP   | 0/0   | 0/0    | 130/30 | 126/24 | 34/11  | 5/5   | UR3QCW |
| UX1CL  | 33,411    | 293   | 43  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 293/43 | 0/0    | 0/0   |        |
| UT3UV  | 31,169    | 190   | 71  | SO-CW-LP   | 0/0   | 0/0    | 64/27  | 97/30  | 27/12  | 2/2   |        |
| UR5FA  | 28,791    | 149   | 63  | SO-CW-LP   | 0/0   | 0/0    | 80/30  | 61/29  | 7/3    | 1/1   |        |
| UT5IZ  | 27,318    | 212   | 58  | SO-CW-LP   | 0/0   | 30/7   | 75/14  | 96/29  | 10/7   | 1/1   |        |
| UT7HM  | 25,234    | 148   | 74  | SO-CW-LP   | 0/0   | 32/16  | 32/16  | 32/15  | 48/23  | 4/4   |        |
| UX1CW  | 24,592    | 163   | 58  | SO-CW-LP   | 0/0   | 100/28 | 38/19  | 25/11  | 0/0    | 0/0   |        |
| US7IGN | 24,395    | 231   | 41  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 231/41 | 0/0    | 0/0   |        |
| UX1IB  | 22,512    | 172   | 56  | SO-CW-LP   | 0/0   | 0/0    | 42/15  | 104/29 | 26/12  | 0/0   |        |
| US5EEK | 22,490    | 139   | 65  | SO-CW-LP   | 0/0   | 10/8   | 0/0    | 98/38  | 26/14  | 5/5   |        |
| UT7MR  | 21,515    | 148   | 65  | SO-CW-LP   | 0/0   | 18/9   | 55/21  | 46/17  | 17/9   | 12/9  |        |
| UT1QQ  | 20,544    | 153   | 64  | SO-CW-HP   | 0/0   | 0/0    | 43/16  | 86/28  | 18/14  | 6/6   |        |
| UR5CC  | 20,502    | 125   | 67  | SO-CW-LP   | 0/0   | 7/7    | 6/5    | 71/30  | 28/17  | 13/8  |        |
| US5ABI | 18,009    | 121   | 69  | SO-CW-LP   | 11/9  | 19/10  | 25/14  | 32/17  | 24/13  | 10/6  |        |
| UT3RN  | 17,945    | 181   | 37  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 181/37 | 0/0    | 0/0   |        |
| UX5XK  | 17,676    | 142   | 36  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 142/36 | 0/0    | 0/0   |        |
| UR4MF  | 17,136    | 104   | 68  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 55/32  | 36/26  | 13/10 |        |
| UX7QD  | 16,920    | 225   | 30  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 225/30 | 0/0    | 0/0   |        |
| UR7IKJ | 13,014    | 111   | 54  | SO-CW-HP   | 0/0   | 15/7   | 33/17  | 41/16  | 19/11  | 3/3   |        |
| UT5VX  | 9,308     | 104   | 52  | SO-CW-LP   | 0/0   | 32/12  | 31/13  | 30/18  | 7/5    | 4/4   |        |
| UT5EPP | 6,880     | 87    | 32  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 74/22  | 13/10  | 0/0   |        |
| UT5WAA | 5,004     | 79    | 36  | SO-CW-QRP  | 0/0   | 0/0    | 31/15  | 31/10  | 7/5    | 10/6  |        |
| UR8RF  | 4,675     | 107   | 17  | SO-CW-HP   | 0/0   | 0/0    | 0/0    | 107/17 | 0/0    | 0/0   |        |
| UT5UQV | 3,538     | 46    | 29  | SO-CW-LP   | 0/0   | 0/0    | 0/0    | 42/26  | 4/3    | 0/0   |        |
| UT5UIA | 3,424     | 52    | 32  | SO-CW-LP   | 1/1   | 1/1    | 1/1    | 31/19  | 17/9   | 1/1   |        |
| UT2SQ  | 1,932     | 43    | 28  | SO-CW-LP   | 0/0   | 0/0    | 10/8   | 23/13  | 8/6    | 2/1   |        |
| UR5RBP | 4         | 2     | 1   | SO-CW-QRP  | 0/0   | 0/0    | 2/1    | 0/0    | 0/0    | 0/0   |        |
| UZ3A   | 1,738,659 | 1,776 | 327 | SOU-MIX-LP | 57/31 | 138/47 | 361/71 | 882/87 | 282/61 | 56/30 | UX1AA  |
| UT5C   | 1,683,799 | 1,849 | 323 | SOU-MIX-HP | 66/33 | 185/52 | 432/78 | 884/85 | 243/54 | 39/21 | UX7CQ  |
| UR6EA  | 1,076,865 | 1,634 | 255 | SOU-MIX-LP | 66/24 | 238/40 | 531/59 | 467/60 | 283/52 | 49/20 |        |
| UW8SM  | 767,096   | 1,234 | 253 | SOU-MIX-LP | 38/23 | 216/46 | 323/54 | 459/72 | 163/42 | 35/16 |        |
| EN5V   | 699,366   | 1,159 | 229 | SOU-MIX-HP | 95/27 | 195/37 | 290/54 | 417/61 | 110/30 | 52/20 | UX1VT  |

|        |           |       |     |            |        |        |        |          |        |        |                                                                 |
|--------|-----------|-------|-----|------------|--------|--------|--------|----------|--------|--------|-----------------------------------------------------------------|
| UR5R   | 631,842   | 1,313 | 186 | SOU-MIX-HP | 0/0    | 255/37 | 301/46 | 565/47   | 167/43 | 25/13  | UTØRM                                                           |
| US7IY  | 517,666   | 1,002 | 214 | SOU-MIX-HP | 54/27  | 143/35 | 244/50 | 335/51   | 192/32 | 34/19  |                                                                 |
| UW7EA  | 441,150   | 1,158 | 150 | SOU-MIX-HP | 48/23  | 127/19 | 188/28 | 637/48   | 129/23 | 29/9   |                                                                 |
| UX5N   | 337,512   | 804   | 168 | SOU-MIX-LP | 0/0    | 230/37 | 212/46 | 257/50   | 90/25  | 15/10  |                                                                 |
| UR7R   | 217,168   | 742   | 112 | SOU-MIX-HP | 0/0    | 74/17  | 180/37 | 469/50   | 19/8   | 0/0    | UX1RX                                                           |
| UT3N   | 140,292   | 591   | 108 | SOU-MIX-HP | 0/0    | 58/25  | 200/40 | 333/43   | 0/0    | 0/0    | UT3NK                                                           |
| UR3VKR | 128,400   | 360   | 150 | SOU-MIX-LP | 0/0    | 60/30  | 53/36  | 135/39   | 72/32  | 40/13  |                                                                 |
| UR5UJ  | 89,378    | 269   | 134 | SOU-MIX-LP | 10/10  | 63/33  | 57/27  | 66/27    | 54/23  | 19/14  |                                                                 |
| UX7UU  | 86,184    | 260   | 162 | SOU-MIX-LP | 37/25  | 43/29  | 79/44  | 70/43    | 26/16  | 5/5    |                                                                 |
| UT8IO  | 78,668    | 380   | 71  | SOU-MIX-HP | 0/0    | 0/0    | 0/0    | 380/71   | 0/0    | 0/0    |                                                                 |
| UR5E   | 73,839    | 255   | 151 | SOU-MIX-HP | 34/19  | 45/27  | 67/33  | 39/31    | 40/23  | 30/18  | UR5EDX                                                          |
| UR5IFB | 61,845    | 281   | 93  | SOU-MIX-LP | 0/0    | 0/0    | 69/22  | 157/48   | 0/0    | 55/23  |                                                                 |
| UT1AA  | 40,704    | 302   | 48  | SOU-MIX-LP | 0/0    | 0/0    | 0/0    | 302/48   | 0/0    | 0/0    |                                                                 |
| UR2Y   | 592,176   | 1,017 | 219 | SOU-PH-LP  | 20/18  | 63/30  | 134/43 | 658/71   | 102/35 | 40/22  | USØYW                                                           |
| US5QUB | 59,890    | 248   | 113 | SOU-PH-LP  | 0/0    | 12/12  | 59/26  | 112/39   | 47/23  | 18/13  |                                                                 |
| US5LOD | 47,936    | 210   | 107 | SOU-PH-LP  | 4/4    | 27/20  | 42/25  | 114/42   | 23/16  | 0/0    |                                                                 |
| UR4QFP | 39,221    | 219   | 91  | SOU-PH-LP  | 6/6    | 9/9    | 26/13  | 114/34   | 54/20  | 10/9   |                                                                 |
| UT4U   | 2,299,098 | 2,300 | 339 | SOU-CW-HP  | 126/32 | 313/54 | 693/76 | 741/87   | 341/64 | 86/26  | UT5UJO                                                          |
| UT4LW  | 1,482,800 | 1,999 | 275 | SOU-CW-LP  | 62/19  | 342/43 | 505/58 | 651/74   | 336/53 | 103/28 |                                                                 |
| UW3U   | 1,136,990 | 1,164 | 335 | SOU-CW-HP  | 63/36  | 123/52 | 222/72 | 491/84   | 199/59 | 66/32  | UT7UJ                                                           |
| UX2X   | 638,400   | 1,357 | 152 | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 988/81   | 339/54 | 30/17  | UT2XQ                                                           |
| UR5QU  | 529,074   | 917   | 221 | SOU-CW-LP  | 0/0    | 105/36 | 151/48 | 440/71   | 197/48 | 24/18  |                                                                 |
| UY1HY  | 402,535   | 650   | 217 | SOU-CW-HP  | 27/19  | 42/31  | 85/43  | 311/66   | 113/45 | 72/13  |                                                                 |
| UZ1WW  | 397,500   | 737   | 212 | SOU-CW-LP  | 11/11  | 110/37 | 195/49 | 267/66   | 93/32  | 61/17  |                                                                 |
| UR5WCW | 307,944   | 550   | 188 | SOU-CW-LP  | 21/16  | 144/40 | 194/52 | 117/45   | 66/28  | 8/7    |                                                                 |
| UW1WU  | 241,630   | 712   | 146 | SOU-CW-LP  | 0/0    | 181/32 | 130/29 | 281/51   | 85/22  | 35/12  |                                                                 |
| UR7MZ  | 225,128   | 423   | 214 | SOU-CW-LP  | 40/22  | 54/35  | 88/47  | 132/61   | 89/31  | 20/18  |                                                                 |
| UT3EK  | 116,350   | 378   | 130 | SOU-CW-QRP | 10/6   | 74/27  | 153/39 | 105/36   | 34/20  | 2/2    |                                                                 |
| UY2RA  | 109,296   | 394   | 108 | SOU-CW-HP  | 0/0    | 0/0    | 53/18  | 255/57   | 63/21  | 23/12  |                                                                 |
| UXØLL  | 93,717    | 304   | 117 | SOU-CW-HP  | 0/0    | 19/18  | 85/18  | 121/49   | 41/23  | 38/9   |                                                                 |
| UR7EC  | 78,540    | 252   | 132 | SOU-CW-LP  | 37/17  | 54/22  | 72/40  | 46/29    | 32/15  | 11/9   |                                                                 |
| UT3WX  | 55,656    | 339   | 72  | SOU-CW-LP  | 0/0    | 93/18  | 139/28 | 107/26   | 0/0    | 0/0    |                                                                 |
| UR5ECW | 41,666    | 231   | 83  | SOU-CW-LP  | 0/0    | 0/0    | 84/24  | 96/34    | 41/19  | 10/6   |                                                                 |
| US7IM  | 23,863    | 198   | 49  | SOU-CW-LP  | 0/0    | 0/0    | 4/4    | 166/27   | 20/11  | 8/7    |                                                                 |
| UV5QQ  | 19,800    | 238   | 36  | SOU-CW-HP  | 0/0    | 238/36 | 0/0    | 0/0      | 0/0    | 0/0    |                                                                 |
| UR7QM  | 14,190    | 127   | 43  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 127/43   | 0/0    | 0/0    |                                                                 |
| UW1U   | 13,755    | 201   | 35  | SOU-CW-LP  | 201/35 | 0/0    | 0/0    | 0/0      | 0/0    | 0/0    |                                                                 |
| UTØEM  | 10,304    | 120   | 32  | SOU-CW-QRP | 0/0    | 0/0    | 0/0    | 120/32   | 0/0    | 0/0    |                                                                 |
| UW3HM  | 5,191     | 73    | 29  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 73/29    | 0/0    | 0/0    |                                                                 |
| EM2Q   | 2,457,216 | 3,056 | 288 | MSHP       | 62/20  | 192/36 | 987/72 | 1,300/79 | 444/55 | 71/26  | UR4QX, US1ITU, US2IR, US8ICM, UT2II, UT2IJ, UT2IV, UW2QU, UY2IF |
| UR4ZZZ | 745,016   | 1,451 | 184 | MSHP       | 0/0    | 53/23  | 474/68 | 785/60   | 139/33 | 0/0    | UW5ZM, UZ5ZV                                                    |
| UR4RWW | 713,736   | 1,339 | 207 | MSHP       | 91/27  | 220/35 | 301/45 | 585/56   | 124/35 | 18/9   | UR5RU, UT2RAR                                                   |
| UZ5P   | 109,554   | 442   | 114 | MSHP       | 0/0    | 72/24  | 118/32 | 208/37   | 34/14  | 10/7   | UR3PGV, UR3PGW, UT4PR, UT5PP                                    |

|                |           |       |       |            |        |        |        |        |        |       |                         |
|----------------|-----------|-------|-------|------------|--------|--------|--------|--------|--------|-------|-------------------------|
| UX6F           | 8,415     | 97    | 51    | MSHP       | 0/0    | 5/5    | 37/13  | 55/33  | 0/0    | 0/0   | Sofija, UR4FPI, UR5FOF  |
| US4EXD         | 2,684     | 53    | 22    | MSHP       | 0/0    | 53/22  | 0/0    | 0/0    | 0/0    | 0/0   | US5EGZ, UT4EK           |
|                |           |       |       |            |        |        |        |        |        |       |                         |
| Call           | Score     | QSOs  | Mults | Category   | 160    | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 30        |           |       |       |            |        |        |        |        |        |       |                         |
|                |           |       |       |            |        |        |        |        |        |       |                         |
| Asiatic Russia |           |       |       |            |        |        |        |        |        |       |                         |
| R8CT           | 1,102,230 | 1,369 | 185   | SO-MIX-LP  | 16/10  | 124/24 | 367/53 | 620/57 | 231/35 | 11/6  |                         |
| RX9CM          | 380,952   | 854   | 104   | SO-MIX-HP  | 4/4    | 191/27 | 123/20 | 469/40 | 66/12  | 1/1   |                         |
| RC8SC          | 68,325    | 255   | 75    | SO-MIX-LP  | 0/0    | 0/0    | 19/14  | 185/34 | 46/22  | 5/5   |                         |
| UA9SMU         | 53,196    | 261   | 52    | SO-MIX-LP  | 0/0    | 32/10  | 229/42 | 0/0    | 0/0    | 0/0   |                         |
| R9CD           | 26,660    | 161   | 43    | SO-MIX-HP  | 0/0    | 0/0    | 0/0    | 161/43 | 0/0    | 0/0   |                         |
| RO9T           | 17,184    | 137   | 32    | SO-MIX-HP  | 0/0    | 0/0    | 2/2    | 126/26 | 9/4    | 0/0   |                         |
| RF9C           | 6,048     | 60    | 28    | SO-MIX-LP  | 6/4    | 2/2    | 24/6   | 19/9   | 7/5    | 2/2   | UA9CSA                  |
| UA9JNT/8       | 5,382     | 58    | 26    | SO-MIX-LP  | 2/2    | 5/2    | 6/4    | 43/16  | 2/2    | 0/0   |                         |
| UA9CHL         | 40        | 4     | 4     | SO-MIX-LP  | 0/0    | 0/0    | 1/1    | 3/3    | 0/0    | 0/0   |                         |
| RM8A           | 551,754   | 773   | 174   | SO-PH-HP   | 15/10  | 49/22  | 160/44 | 440/55 | 86/30  | 23/13 |                         |
| UA9SUV         | 38,592    | 155   | 72    | SO-PH-LP   | 0/0    | 16/11  | 56/23  | 56/28  | 27/10  | 0/0   |                         |
| RX9AF          | 709,956   | 1,009 | 164   | SO-CW-LP   | 3/3    | 148/31 | 355/49 | 388/52 | 112/27 | 3/2   |                         |
| R9LY           | 408,456   | 778   | 122   | SO-CW-HP   | 0/0    | 4/4    | 270/38 | 435/51 | 60/23  | 9/6   |                         |
| RN9RF          | 170,104   | 448   | 88    | SO-CW-LP   | 0/0    | 0/0    | 48/19  | 291/40 | 104/26 | 5/3   |                         |
| R9SS           | 150,009   | 413   | 93    | SO-CW-HP   | 0/0    | 0/0    | 201/42 | 192/43 | 20/8   | 0/0   |                         |
| R9LM           | 122,320   | 340   | 88    | SO-CW-LP   | 28/16  | 7/6    | 37/24  | 236/31 | 29/9   | 3/2   |                         |
| UA9QFF         | 73,392    | 348   | 48    | SO-CW-HP   | 0/0    | 0/0    | 219/29 | 129/19 | 0/0    | 0/0   |                         |
| RA9CCK         | 64,491    | 218   | 83    | SO-CW-LP   | 1/1    | 5/4    | 60/24  | 76/29  | 68/21  | 8/4   |                         |
| RX9WN          | 36,504    | 148   | 72    | SO-CW-HP   | 0/0    | 0/0    | 97/35  | 26/18  | 21/16  | 4/3   |                         |
| R9QQ           | 22,880    | 132   | 44    | SO-CW-LP   | 1/1    | 4/3    | 7/3    | 81/24  | 39/13  | 0/0   |                         |
| RW9MZ          | 17,280    | 114   | 45    | SO-CW-LP   | 0/0    | 0/0    | 3/3    | 89/28  | 21/13  | 1/1   |                         |
| RL9L           | 14,896    | 138   | 28    | SO-CW-LP   | 0/0    | 0/0    | 39/11  | 99/17  | 0/0    | 0/0   |                         |
| UA9WIK         | 10,500    | 103   | 25    | SO-CW-LP   | 0/0    | 1/1    | 19/6   | 58/13  | 25/5   | 0/0   |                         |
| UA9MW          | 9,537     | 87    | 33    | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 71/22  | 15/10  | 1/1   |                         |
| UA9MA          | 1,289,834 | 1,280 | 247   | SOU-MIX-LP | 34/18  | 74/33  | 268/64 | 742/84 | 156/42 | 6/6   |                         |
| RU9AC          | 768,740   | 1,095 | 170   | SOU-MIX-LP | 29/12  | 159/26 | 318/46 | 419/49 | 159/31 | 11/6  |                         |
| UA9CTT         | 497,189   | 927   | 121   | SOU-MIX-HP | 0/0    | 0/0    | 166/32 | 602/50 | 130/27 | 29/12 |                         |
| RD8D           | 449,143   | 607   | 199   | SOU-MIX-LP | 9/5    | 84/28  | 94/44  | 310/70 | 79/36  | 31/16 | RX9CAZ                  |
| UA9BA          | 238,385   | 444   | 139   | SOU-MIX-LP | 3/3    | 24/17  | 36/23  | 325/61 | 53/33  | 3/2   |                         |
| RK9DO          | 154,947   | 341   | 137   | SOU-MIX-HP | 0/0    | 61/33  | 111/48 | 160/48 | 9/8    | 0/0   |                         |
| RW9WT          | 65,100    | 272   | 62    | SOU-MIX-HP | 41/16  | 77/16  | 3/3    | 151/27 | 0/0    | 0/0   |                         |
| RW9CQ          | 4,922     | 63    | 23    | SOU-MIX-HP | 0/0    | 0/0    | 0/0    | 0/0    | 0/0    | 63/23 |                         |
| UA9R           | 352,832   | 578   | 149   | SOU-PH-HP  | 11/10  | 46/24  | 136/36 | 328/50 | 48/21  | 9/8   |                         |
| RA9AU          | 271,660   | 431   | 170   | SOU-PH-LP  | 12/12  | 41/28  | 89/43  | 225/54 | 59/28  | 5/5   |                         |
| RT9A           | 2,553,985 | 1,988 | 301   | SOU-CW-HP  | 120/31 | 244/48 | 388/68 | 905/79 | 284/54 | 47/21 |                         |
| RC9A           | 1,419,704 | 1,477 | 221   | SOU-CW-LP  | 21/8   | 197/31 | 408/64 | 564/67 | 238/37 | 49/14 |                         |
| UA9LAO         | 862,131   | 1,073 | 193   | SOU-CW-HP  | 17/6   | 101/25 | 215/42 | 566/71 | 142/40 | 32/9  |                         |

|                 |           |       |     |            |        |        |        |          |        |       |                                                                     |
|-----------------|-----------|-------|-----|------------|--------|--------|--------|----------|--------|-------|---------------------------------------------------------------------|
| RA9DZ           | 745,356   | 988   | 179 | SOU-CW-LP  | 3/2    | 161/34 | 164/45 | 516/60   | 120/28 | 24/10 |                                                                     |
| RW9DX           | 708,576   | 933   | 183 | SOU-CW-HP  | 58/21  | 210/39 | 197/47 | 350/46   | 94/20  | 24/10 |                                                                     |
| RA9AP           | 485,550   | 758   | 150 | SOU-CW-LP  | 1/1    | 69/29  | 189/47 | 424/47   | 57/15  | 18/11 |                                                                     |
| RA9MX           | 155,904   | 352   | 128 | SOU-CW-LP  | 0/0    | 39/23  | 90/39  | 165/43   | 57/22  | 1/1   |                                                                     |
| R9CW            | 103,224   | 382   | 66  | SOU-CW-HP  | 0/0    | 0/0    | 382/66 | 0/0      | 0/0    | 0/0   |                                                                     |
| R8WO            | 92,352    | 293   | 78  | SOU-CW-LP  | 0/0    | 0/0    | 80/26  | 177/35   | 28/13  | 8/4   |                                                                     |
| R8WF            | 21,465    | 118   | 45  | SOU-CW-LP  | 6/4    | 15/8   | 10/6   | 59/18    | 19/6   | 9/3   |                                                                     |
| UF8T            | 5,584     | 83    | 16  | SOU-CW-LP  | 0/0    | 0/0    | 0/0    | 83/16    | 0/0    | 0/0   |                                                                     |
| RM9A            | 4,647,495 | 3,170 | 345 | MSHP       | 118/30 | 388/54 | 697/76 | 1,442/94 | 443/64 | 82/27 | R9CM, RA9AA, RG9A, RK9A, RL9A, RN9A, RZ8A                           |
|                 |           |       |     |            |        |        |        |          |        |       |                                                                     |
| European Russia |           |       |     |            |        |        |        |          |        |       |                                                                     |
| RW4WA           | 180,225   | 472   | 135 | SO-CW-LP   | 0/0    | 29/18  | 77/32  | 334/60   | 27/20  | 5/5   |                                                                     |
| RA4HBS          | 147,637   | 430   | 131 | SO-CW-LP   | 39/16  | 90/30  | 126/40 | 154/35   | 21/10  | 0/0   |                                                                     |
| R4WAE           | 129,500   | 483   | 100 | SO-CW-LP   | 0/0    | 0/0    | 168/34 | 252/45   | 63/21  | 0/0   |                                                                     |
| RT4H            | 31,160    | 147   | 82  | SO-CW-LP   | 0/0    | 12/9   | 42/26  | 60/28    | 27/14  | 6/5   |                                                                     |
| RN4W            | 25,740    | 215   | 44  | SO-CW-HP   | 0/0    | 0/0    | 0/0    | 152/26   | 56/13  | 7/5   |                                                                     |
| UB4W            | 24,059    | 176   | 49  | SO-CW-LP   | 0/0    | 1/1    | 37/10  | 100/26   | 38/12  | 0/0   |                                                                     |
| UA9FGJ          | 23,450    | 144   | 67  | SO-CW-LP   | 0/0    | 15/11  | 24/14  | 70/24    | 33/16  | 2/2   |                                                                     |
| RM4W            | 11,616    | 142   | 32  | SO-CW-LP   | 0/0    | 46/11  | 31/8   | 52/11    | 13/2   | 0/0   |                                                                     |
| UG4I            | 1,456     | 35    | 16  | SO-CW-LP   | 0/0    | 0/0    | 35/16  | 0/0      | 0/0    | 0/0   |                                                                     |
| RA4PQ           | 172,578   | 439   | 147 | SOU-CW-HP  | 26/15  | 187/40 | 0/0    | 145/56   | 72/29  | 9/7   |                                                                     |
| R4WT            | 137,394   | 491   | 102 | SOU-CW-LP  | 0/0    | 23/8   | 146/31 | 267/45   | 55/18  | 0/0   |                                                                     |
| RN4HAB          | 101,867   | 380   | 103 | SOU-CW-LP  | 3/2    | 37/11  | 89/26  | 201/43   | 44/16  | 6/5   |                                                                     |
| R4RN            | 40,464    | 176   | 72  | SOU-CW-LP  | 0/0    | 0/0    | 18/14  | 143/46   | 15/12  | 0/0   |                                                                     |
| RM4R            | 25,901    | 151   | 59  | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 151/59   | 0/0    | 0/0   |                                                                     |
|                 |           |       |     |            |        |        |        |          |        |       |                                                                     |
| Kazakhstan      |           |       |     |            |        |        |        |          |        |       |                                                                     |
| UPØL            | 2,901,816 | 2,696 | 246 | SO-MIX-HP  | 65/24  | 363/36 | 569/64 | 1,322/73 | 316/35 | 61/14 | UN9LW                                                               |
| UN7CN           | 117,175   | 310   | 109 | SO-CW-LP   | 6/5    | 26/12  | 42/20  | 154/42   | 75/25  | 7/5   |                                                                     |
| UN7LDR          | 80,500    | 289   | 70  | SO-CW-LP   | 0/0    | 15/4   | 114/24 | 121/28   | 38/13  | 1/1   |                                                                     |
| UN7ZZ           | 9,000     | 98    | 24  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 98/24    | 0/0    | 0/0   |                                                                     |
| UN7ZW           | 1,000     | 36    | 10  | SO-CW-HP   | 0/0    | 0/0    | 36/10  | 0/0      | 0/0    | 0/0   |                                                                     |
| UNØC            | 864       | 22    | 16  | SO-CW-LP   | 0/0    | 0/0    | 22/16  | 0/0      | 0/0    | 0/0   |                                                                     |
| UN7LAN          | 612,976   | 849   | 182 | SOU-MIX-LP | 26/9   | 144/32 | 225/50 | 362/55   | 81/29  | 11/7  |                                                                     |
| UN4PG           | 11,764    | 108   | 34  | SOU-CW-HP  | 0/0    | 0/0    | 108/34 | 0/0      | 0/0    | 0/0   |                                                                     |
| UP2L            | 4,487,733 | 3,393 | 303 | MSHP       | 58/28  | 415/42 | 633/76 | 1,705/90 | 540/56 | 42/11 | UN2G, UN4L, UN5GV, UN6LN, UN7GOD, UN7LZ, UN7ZAF, UN9GD, UN9L, UN9LG |
|                 |           |       |     |            |        |        |        |          |        |       |                                                                     |
| Kyrgyzstan      |           |       |     |            |        |        |        |          |        |       |                                                                     |
| EX8MK           | 190       | 10    | 10  | SO-PH-LP   | 0/0    | 0/0    | 5/5    | 4/4      | 1/1    | 0/0   |                                                                     |
| EX8MJ           | 163,881   | 360   | 131 | SOU-CW-LP  | 0/0    | 26/15  | 90/34  | 161/48   | 74/26  | 9/8   |                                                                     |

|                |           |       |       |            |      |        |        |          |        |       |                         |
|----------------|-----------|-------|-------|------------|------|--------|--------|----------|--------|-------|-------------------------|
|                |           |       |       |            |      |        |        |          |        |       |                         |
| Asiatic Russia |           |       |       |            |      |        |        |          |        |       |                         |
| RM9I           | 2,387,154 | 2,367 | 231   | SO-MIX-HP  | 5/5  | 139/32 | 417/47 | 1,540/85 | 241/45 | 25/17 |                         |
| R8UT           | 24,932    | 151   | 46    | SO-MIX-HP  | 0/0  | 0/0    | 0/0    | 151/46   | 0/0    | 0/0   |                         |
| UA9OSB         | 3,674     | 47    | 22    | SO-MIX-LP  | 0/0  | 0/0    | 1/1    | 46/21    | 0/0    | 0/0   |                         |
| RX9UKF         | 15,799    | 90    | 61    | SO-PH-HP   | 0/0  | 30/19  | 44/30  | 16/12    | 0/0    | 0/0   |                         |
| R9IT           | 2,214     | 37    | 18    | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 37/18    | 0/0    | 0/0   |                         |
| RU9I           | 494,680   | 785   | 149   | SO-CW-LP   | 8/4  | 105/27 | 132/36 | 471/52   | 65/26  | 4/4   |                         |
| R8OM           | 361,020   | 692   | 132   | SO-CW-HP   | 3/3  | 162/30 | 245/41 | 282/58   | 0/0    | 0/0   |                         |
| R9HAF          | 12,716    | 98    | 34    | SO-CW-LP   | 0/0  | 1/1    | 8/5    | 84/24    | 5/4    | 0/0   |                         |
| RG9O           | 1,428     | 32    | 12    | SO-CW-LP   | 0/0  | 0/0    | 0/0    | 32/12    | 0/0    | 0/0   | R8OD                    |
| RV9UP          | 753,232   | 1,041 | 179   | SOU-MIX-LP | 6/5  | 72/17  | 164/45 | 651/66   | 135/37 | 13/9  |                         |
| RT8U           | 21,056    | 103   | 56    | SOU-MIX-HP | 0/0  | 0/0    | 5/4    | 73/35    | 23/15  | 2/2   |                         |
| RQ9O           | 383,400   | 699   | 135   | SOU-CW-HP  | 0/0  | 35/9   | 162/39 | 417/53   | 81/30  | 4/4   |                         |
| RK9UE          | 41,072    | 177   | 68    | SOU-CW-LP  | 0/0  | 0/0    | 13/10  | 103/34   | 54/20  | 7/4   |                         |
| RK8I           | 25,499    | 140   | 43    | SOU-CW-HP  | 0/0  | 0/0    | 0/0    | 136/39   | 4/4    | 0/0   |                         |
|                |           |       |       |            |      |        |        |          |        |       |                         |
| Kazakhstan     |           |       |       |            |      |        |        |          |        |       |                         |
| UN7FW          | 229,190   | 497   | 130   | SO-MIX-LP  | 0/0  | 51/16  | 68/27  | 300/54   | 73/28  | 5/5   |                         |
| UN7QF          | 85,932    | 330   | 63    | SO-MIX-HP  | 0/0  | 0/0    | 0/0    | 290/41   | 33/16  | 7/6   |                         |
| UN3G           | 52,540    | 191   | 74    | SO-CW-HP   | 0/0  | 8/6    | 1/1    | 106/32   | 60/22  | 16/13 |                         |
|                |           |       |       |            |      |        |        |          |        |       |                         |
| Call           | Score     | QSOs  | Mults | Category   | 160  | 80     | 40     | 20       | 15     | 10    | Operator(s) and/or Host |
| Zone 32        |           |       |       |            |      |        |        |          |        |       |                         |
|                |           |       |       |            |      |        |        |          |        |       |                         |
| Asiatic Russia |           |       |       |            |      |        |        |          |        |       |                         |
| RCØA           | 649,704   | 824   | 214   | SO-MIX-LP  | 10/5 | 84/39  | 142/53 | 417/69   | 150/32 | 21/16 | RAØAM                   |
| UAØSE          | 41,550    | 175   | 75    | SO-MIX-HP  | 0/0  | 19/8   | 26/16  | 105/38   | 18/11  | 7/2   |                         |
| RAØAY          | 14,469    | 107   | 39    | SO-MIX-LP  | 0/0  | 1/1    | 64/19  | 21/9     | 19/8   | 2/2   |                         |
| RAØWMJ         | 4,380     | 57    | 20    | SO-MIX-LP  | 0/0  | 0/0    | 9/6    | 39/10    | 9/4    | 0/0   |                         |
| RYØA           | 20,812    | 133   | 43    | SO-PH-HP   | 0/0  | 0/0    | 0/0    | 126/36   | 7/7    | 0/0   |                         |
| RAØADQ         | 2,352     | 36    | 21    | SO-PH-HP   | 0/0  | 0/0    | 0/0    | 36/21    | 0/0    | 0/0   |                         |
| UAØSRQ         | 125       | 9     | 5     | SO-PH-LP   | 0/0  | 0/0    | 0/0    | 8/4      | 1/1    | 0/0   |                         |
| RØAA           | 266,418   | 570   | 114   | SO-CW-HP   | 0/0  | 0/0    | 111/41 | 345/48   | 111/22 | 3/3   |                         |
| RTØO           | 143,956   | 364   | 116   | SO-CW-HP   | 0/0  | 17/10  | 100/33 | 187/45   | 52/22  | 8/6   |                         |
| RDØA           | 83,860    | 297   | 70    | SO-CW-HP   | 0/0  | 0/0    | 30/24  | 170/26   | 94/17  | 3/3   |                         |
| RØAFF          | 1,280     | 28    | 16    | SO-CW-QRP  | 0/0  | 0/0    | 18/8   | 6/4      | 2/2    | 2/2   |                         |
| UAØSBQ         | 405       | 13    | 9     | SO-CW-QRP  | 0/0  | 0/0    | 0/0    | 13/9     | 0/0    | 0/0   |                         |
| RØAS           | 155,491   | 429   | 97    | SOU-MIX-LP | 0/0  | 11/7   | 130/31 | 236/41   | 45/13  | 7/5   |                         |
| UAØSU          | 28,046    | 131   | 74    | SOU-MIX-LP | 0/0  | 0/0    | 26/16  | 66/34    | 34/19  | 5/5   |                         |
| RAØSMS         | 6,832     | 73    | 28    | SOU-MIX-HP | 0/0  | 2/2    | 12/9   | 39/10    | 20/7   | 0/0   |                         |
| RWØAJ          | 279,006   | 493   | 147   | SOU-CW-LP  | 0/0  | 38/12  | 148/44 | 242/59   | 52/22  | 13/10 |                         |
| UCØA           | 94,032    | 322   | 72    | SOU-CW-HP  | 0/0  | 0/0    | 0/0    | 276/52   | 46/20  | 0/0   |                         |
| RGØA           | 58,875    | 219   | 75    | SOU-CW-LP  | 0/0  | 4/4    | 80/32  | 106/27   | 29/12  | 0/0   |                         |

|                |         |      |       |            |     |       |        |        |        |       |                          |
|----------------|---------|------|-------|------------|-----|-------|--------|--------|--------|-------|--------------------------|
| RWØAR          | 855     | 21   | 19    | SOU-CW-HP  | 2/2 | 3/3   | 0/0    | 0/0    | 5/5    | 11/9  |                          |
|                |         |      |       |            |     |       |        |        |        |       |                          |
| Mongolia       |         |      |       |            |     |       |        |        |        |       |                          |
| JT1BZ          | 114     | 7    | 6     | SO-PH-LP   | 0/0 | 0/0   | 0/0    | 7/6    | 0/0    | 0/0   |                          |
|                |         |      |       |            |     |       |        |        |        |       |                          |
| Call           | Score   | QSOs | Mults | Category   | 160 | 80    | 40     | 20     | 15     | 10    | Operator(s) and/or Host  |
| Zone 33        |         |      |       |            |     |       |        |        |        |       |                          |
|                |         |      |       |            |     |       |        |        |        |       |                          |
| Asiatic Russia |         |      |       |            |     |       |        |        |        |       |                          |
| RØTR           | 1,710   | 29   | 19    | SO-MIX-LP  | 0/0 | 0/0   | 0/0    | 23/14  | 1/1    | 5/4   |                          |
| UAØUV          | 85,085  | 296  | 85    | SO-CW-LP   | 0/0 | 2/2   | 75/21  | 149/40 | 65/20  | 5/2   |                          |
| RØCD           | 17,952  | 130  | 44    | SO-CW-LP   | 0/0 | 0/0   | 30/13  | 78/21  | 14/6   | 8/4   |                          |
| RØJF           | 470     | 15   | 10    | SO-CW-QRP  | 0/0 | 0/0   | 15/10  | 0/0    | 0/0    | 0/0   |                          |
| RAØQD          | 69,564  | 318  | 68    | SOU-MIX-HP | 0/0 | 0/0   | 63/16  | 89/19  | 132/24 | 34/9  |                          |
| RKØUT          | 520,704 | 926  | 144   | SOU-CW-HP  | 0/0 | 1/1   | 266/44 | 461/55 | 157/31 | 41/13 |                          |
|                |         |      |       |            |     |       |        |        |        |       |                          |
| Call           | Score   | QSOs | Mults | Category   | 160 | 80    | 40     | 20     | 15     | 10    | Operator(s) and/or Host  |
| Zone 34        |         |      |       |            |     |       |        |        |        |       |                          |
|                |         |      |       |            |     |       |        |        |        |       |                          |
| Asiatic Russia |         |      |       |            |     |       |        |        |        |       |                          |
| UCØL           | 16,950  | 194  | 30    | SO-MIX-LP  | 4/2 | 22/5  | 24/8   | 14/6   | 111/5  | 19/4  |                          |
| RAØLMO         | 5,070   | 52   | 30    | SO-PH-HP   | 0/0 | 4/2   | 9/5    | 30/17  | 4/4    | 5/2   |                          |
| RCØLAG         | 154     | 11   | 7     | SO-PH-LP   | 0/0 | 0/0   | 2/2    | 3/3    | 1/1    | 5/1   |                          |
| UAØCID         | 31,548  | 225  | 44    | SO-CW-LP   | 0/0 | 0/0   | 0/0    | 225/44 | 0/0    | 0/0   |                          |
| UAØC           | 15,435  | 114  | 45    | SO-CW-LP   | 0/0 | 5/4   | 27/14  | 19/10  | 39/10  | 24/7  |                          |
| RØCM           | 13,226  | 122  | 34    | SO-CW-LP   | 0/0 | 0/0   | 26/11  | 35/11  | 31/8   | 30/4  |                          |
| RAØLMK         | 1,139   | 25   | 17    | SO-CW-LP   | 2/1 | 3/3   | 1/1    | 0/0    | 4/4    | 15/8  |                          |
| RØCBK          | 10      | 4    | 2     | SO-CW-LP   | 0/0 | 0/0   | 0/0    | 4/2    | 0/0    | 0/0   |                          |
| RMØF           | 113,739 | 379  | 93    | SOU-MIX-HP | 0/0 | 0/0   | 136/27 | 87/37  | 91/18  | 65/11 |                          |
| RUØLL          | 356,958 | 791  | 126   | SOU-CW-HP  | 4/2 | 40/8  | 148/27 | 256/40 | 297/40 | 46/9  |                          |
| RUØLAX         | 5,950   | 57   | 35    | SOU-CW-HP  | 0/0 | 0/0   | 0/0    | 49/29  | 8/6    | 0/0   |                          |
| RMØM           | 314,150 | 949  | 103   | MSHP       | 0/0 | 21/7  | 420/47 | 277/33 | 215/14 | 16/2  | RMØL, RUØLM, RWØLL, RWØM |
| RØMM           | 5,434   | 104  | 19    | MSHP       | 0/0 | 1/1   | 7/6    | 40/6   | 29/3   | 27/3  | RØMM, RAØLSO, RWØLKB     |
|                |         |      |       |            |     |       |        |        |        |       |                          |
| Call           | Score   | QSOs | Mults | Category   | 160 | 80    | 40     | 20     | 15     | 10    | Operator(s) and/or Host  |
| Zone 36        |         |      |       |            |     |       |        |        |        |       |                          |
|                |         |      |       |            |     |       |        |        |        |       |                          |
| Canary Islands |         |      |       |            |     |       |        |        |        |       |                          |
| EA8BQM         | 111,320 | 307  | 88    | SO-MIX-LP  | 0/0 | 59/19 | 7/4    | 157/28 | 55/22  | 29/15 |                          |
| EA8AQV         | 28,880  | 127  | 76    | SO-MIX-LP  | 0/0 | 1/1   | 33/22  | 41/22  | 28/15  | 24/16 |                          |
| EA8CYL         | 3,471   | 50   | 39    | SO-MIX-LP  | 0/0 | 1/1   | 4/3    | 15/13  | 21/14  | 9/8   |                          |
| EA8TZ          | 88      | 6    | 4     | SO-MIX-HP  | 0/0 | 6/4   | 0/0    | 0/0    | 0/0    | 0/0   |                          |
| EA8DHV         | 97,992  | 327  | 72    | SO-PH-HP   | 0/0 | 1/1   | 28/22  | 270/30 | 12/9   | 16/10 |                          |
| EA8AM          | 61,680  | 281  | 48    | SO-PH-HP   | 0/0 | 0/0   | 0/0    | 281/48 | 0/0    | 0/0   |                          |

|                  |           |       |       |            |        |        |          |          |          |        |                                             |
|------------------|-----------|-------|-------|------------|--------|--------|----------|----------|----------|--------|---------------------------------------------|
| EC8AQQ           | 19,376    | 103   | 56    | SO-PH-LP   | 0/0    | 0/0    | 15/12    | 69/28    | 9/6      | 10/10  |                                             |
| EA8DEM           | 5,355     | 73    | 17    | SO-PH-HP   | 0/0    | 0/0    | 0/0      | 73/17    | 0/0      | 0/0    |                                             |
| EA8CTK           | 3,186     | 38    | 27    | SO-PH-LP   | 0/0    | 0/0    | 0/0      | 9/9      | 29/18    | 0/0    |                                             |
| EA8DP            | 36,520    | 138   | 83    | SO-CW-LP   | 0/0    | 9/9    | 35/26    | 70/30    | 13/10    | 11/8   |                                             |
| EA8AQM           | 6,292     | 72    | 22    | SO-CW-QRP  | 0/0    | 0/0    | 0/0      | 72/22    | 0/0      | 0/0    |                                             |
| EA8ZT            | 48,804    | 161   | 98    | SOU-MIX-LP | 2/1    | 23/21  | 36/26    | 84/38    | 13/10    | 3/2    |                                             |
| ED8W             | 1,030,682 | 1,256 | 179   | SOU-PH-HP  | 20/19  | 88/33  | 372/44   | 713/57   | 62/25    | 1/1    |                                             |
| EA8DIG           | 270,720   | 424   | 160   | SOU-CW-HP  | 26/14  | 84/30  | 140/42   | 107/41   | 60/26    | 7/7    |                                             |
| EA8KW            | 78,126    | 232   | 87    | SOU-CW-LP  | 0/0    | 52/25  | 52/32    | 122/24   | 4/4      | 2/2    |                                             |
| EF8R             | 8,941,053 | 5,289 | 363   | MSHP       | 91/33  | 435/52 | 1,201/77 | 1,713/91 | 1,046/63 | 803/47 | EA8RM, R3GG, R6FFS, RA5A, RU3XY, UA5C, UC5G |
|                  |           |       |       |            |        |        |          |          |          |        |                                             |
| Madeira Islands  |           |       |       |            |        |        |          |          |          |        |                                             |
| CT9ABO           | 4,881,184 | 3,678 | 283   | SO-MIX-HP  | 100/37 | 331/46 | 689/55   | 1,258/63 | 965/52   | 335/30 | OM3GI                                       |
| CT3KN            | 493,542   | 886   | 126   | SO-MIX-LP  | 0/0    | 0/0    | 152/39   | 419/44   | 293/30   | 22/13  |                                             |
| CT9/SP6GJY       | 22,304    | 126   | 41    | SOU-CW-LP  | 0/0    | 0/0    | 61/17    | 58/19    | 2/2      | 5/3    |                                             |
|                  |           |       |       |            |        |        |          |          |          |        |                                             |
| Call             | Score     | QSOs  | Mults | Category   | 160    | 80     | 40       | 20       | 15       | 10     | Operator(s) and/or Host                     |
| Zone 37          |           |       |       |            |        |        |          |          |          |        |                                             |
|                  |           |       |       |            |        |        |          |          |          |        |                                             |
| Balearic Islands |           |       |       |            |        |        |          |          |          |        |                                             |
| EA6/DK5ON        | 30,889    | 178   | 79    | SO-MIX-QRP | 0/0    | 0/0    | 27/21    | 43/25    | 27/19    | 81/14  |                                             |
| EA6AAJ           | 136       | 14    | 8     | SO-MIX-HP  | 2/1    | 2/1    | 3/2      | 3/2      | 2/1      | 2/1    |                                             |
| EA6AMM           | 116,660   | 447   | 95    | SO-PH-LP   | 0/0    | 0/0    | 17/13    | 348/39   | 64/27    | 18/16  |                                             |
| ED6E             | 18,084    | 118   | 66    | SOU-PH-LP  | 0/0    | 0/0    | 40/24    | 61/29    | 15/11    | 2/2    | EA6AKN                                      |
| EA6FO            | 2,732,136 | 3,139 | 264   | SOU-CW-HP  | 76/27  | 391/46 | 578/56   | 1,075/61 | 729/52   | 290/22 | EC3TW                                       |
|                  |           |       |       |            |        |        |          |          |          |        |                                             |
| Morocco          |           |       |       |            |        |        |          |          |          |        |                                             |
| CN8YZ            | 37,200    | 218   | 40    | SOU-PH-LP  | 0/0    | 0/0    | 21/13    | 197/27   | 0/0      | 0/0    |                                             |
|                  |           |       |       |            |        |        |          |          |          |        |                                             |
| Portugal         |           |       |       |            |        |        |          |          |          |        |                                             |
| CR5O             | 409,698   | 859   | 162   | SO-MIX-LP  | 0/0    | 49/22  | 176/43   | 457/48   | 95/27    | 82/22  | CT7AJL                                      |
| CS7AMH           | 44,172    | 385   | 36    | SO-MIX-LP  | 0/0    | 0/0    | 0/0      | 385/36   | 0/0      | 0/0    |                                             |
| CR6K             | 770,835   | 1,288 | 177   | SO-PH-HP   | 0/0    | 0/0    | 110/40   | 577/60   | 390/47   | 211/30 | CT1CJJ                                      |
| CS25FOQ          | 6,532     | 62    | 46    | SO-PH-LP   | 0/0    | 0/0    | 0/0      | 41/28    | 17/14    | 4/4    |                                             |
| CS7APZ           | 52        | 4     | 4     | SO-PH-LP   | 0/0    | 1/1    | 2/2      | 0/0      | 0/0      | 1/1    |                                             |
| CT1DRB           | 74,374    | 331   | 82    | SO-CW-LP   | 0/0    | 0/0    | 75/22    | 122/24   | 115/26   | 19/10  |                                             |
| CT7AGZ           | 72,485    | 232   | 109   | SO-CW-LP   | 0/0    | 0/0    | 55/27    | 103/39   | 56/29    | 18/14  |                                             |
| CT1ELP           | 1,140     | 23    | 12    | SO-CW-QRP  | 0/0    | 0/0    | 0/0      | 19/8     | 2/2      | 2/2    |                                             |
| CT7AIX           | 7,006     | 77    | 31    | SOU-MIX-LP | 0/0    | 0/0    | 0/0      | 65/25    | 3/1      | 9/5    |                                             |
| CT1HXB           | 2,640     | 51    | 30    | SOU-MIX-LP | 0/0    | 2/1    | 3/2      | 37/20    | 6/4      | 3/3    |                                             |
| CT1BXT           | 45,144    | 167   | 99    | SOU-PH-LP  | 0/0    | 4/4    | 50/31    | 81/40    | 21/13    | 11/11  |                                             |
| CS7AOL           | 7,316     | 70    | 59    | SOU-PH-LP  | 0/0    | 16/16  | 13/13    | 31/20    | 9/9      | 1/1    |                                             |
| CS7AMN           | 3,069     | 39    | 33    | SOU-PH-LP  | 0/0    | 0/0    | 17/15    | 11/9     | 8/6      | 3/3    |                                             |
|                  |           |       |       |            |        |        |          |          |          |        |                                             |

|          |           |       |     |            |     |       |        |        |        |        |        |
|----------|-----------|-------|-----|------------|-----|-------|--------|--------|--------|--------|--------|
| Spain    |           |       |     |            |     |       |        |        |        |        |        |
| EC2DX    | 1,179,962 | 2,058 | 178 | SO-MIX-HP  | 0/0 | 8/8   | 253/41 | 835/57 | 562/42 | 400/30 |        |
| EA2BNU   | 75,087    | 301   | 103 | SO-MIX-LP  | 0/0 | 18/13 | 108/33 | 117/31 | 45/20  | 13/6   |        |
| EA1IYK   | 67,056    | 276   | 88  | SO-MIX-LP  | 0/0 | 8/8   | 57/23  | 161/35 | 36/13  | 14/9   |        |
| EA4BT    | 36,750    | 169   | 98  | SO-MIX-QRP | 0/0 | 15/15 | 36/26  | 92/36  | 16/11  | 10/10  |        |
| EA1BDX   | 15,876    | 140   | 42  | SO-MIX-LP  | 0/0 | 0/0   | 0/0    | 0/0    | 140/42 | 0/0    |        |
| EA7IZ    | 15,789    | 129   | 57  | SO-MIX-LP  | 2/1 | 2/1   | 30/18  | 83/27  | 12/10  | 0/0    |        |
| EA3WX    | 14,728    | 104   | 56  | SO-MIX-LP  | 0/0 | 7/7   | 16/12  | 63/22  | 12/9   | 6/6    |        |
| EC4CWT   | 8,037     | 73    | 57  | SO-MIX-LP  | 0/0 | 0/0   | 20/18  | 19/15  | 20/13  | 14/11  |        |
| EA3AKA   | 4,900     | 71    | 28  | SO-MIX-HP  | 0/0 | 0/0   | 19/7   | 19/7   | 26/8   | 7/6    |        |
| EA3IEO   | 4,324     | 67    | 46  | SO-MIX-LP  | 0/0 | 1/1   | 18/15  | 24/12  | 7/7    | 17/11  |        |
| EA7FRX   | 2,240     | 40    | 28  | SO-MIX-LP  | 0/0 | 0/0   | 5/4    | 11/7   | 19/12  | 5/5    |        |
| EA5EX    | 1,575     | 37    | 25  | SO-MIX-LP  | 2/1 | 2/1   | 6/5    | 12/7   | 10/8   | 5/3    |        |
| EA1AIW   | 1,241     | 31    | 17  | SO-MIX-LP  | 0/0 | 0/0   | 0/0    | 21/9   | 7/5    | 3/3    |        |
| EA4AAZ   | 1,088     | 24    | 17  | SO-MIX-LP  | 2/1 | 2/1   | 4/3    | 7/5    | 3/3    | 6/4    |        |
| EA7BUU   | 1,056     | 24    | 22  | SO-MIX-LP  | 0/0 | 0/0   | 7/7    | 1/1    | 6/6    | 10/8   |        |
| EC7AT    | 216       | 18    | 12  | SO-MIX-LP  | 2/1 | 2/1   | 2/1    | 2/1    | 4/3    | 6/5    |        |
| EA5YJ    | 140       | 12    | 10  | SO-MIX-LP  | 0/0 | 2/1   | 6/5    | 1/1    | 2/2    | 1/1    |        |
| EA1AV    | 81        | 13    | 9   | SO-MIX-LP  | 2/1 | 2/1   | 7/6    | 2/1    | 0/0    | 0/0    |        |
| EA5FX    | 72        | 12    | 6   | SO-MIX-LP  | 2/1 | 2/1   | 2/1    | 2/1    | 2/1    | 2/1    |        |
| EA5KK    | 72        | 12    | 6   | SO-MIX-LP  | 2/1 | 2/1   | 2/1    | 2/1    | 2/1    | 2/1    |        |
| EA3EGB   | 48        | 10    | 6   | SO-MIX-LP  | 1/1 | 1/1   | 2/1    | 2/1    | 2/1    | 2/1    |        |
| EA5ICS   | 30        | 7     | 5   | SO-MIX-LP  | 1/1 | 2/1   | 2/1    | 1/1    | 1/1    | 0/0    |        |
| EA3CI    | 788,535   | 1,490 | 177 | SO-PH-HP   | 0/0 | 73/29 | 169/37 | 809/59 | 337/32 | 102/20 |        |
| ED4K     | 99,484    | 328   | 119 | SO-PH-HP   | 0/0 | 13/13 | 35/21  | 150/39 | 88/27  | 42/19  | EA4GSL |
| EA4YC    | 87,168    | 311   | 96  | SO-PH-LP   | 4/4 | 48/14 | 32/18  | 73/27  | 46/20  | 108/13 |        |
| EA3IAZ   | 83,886    | 347   | 93  | SO-PH-LP   | 0/0 | 3/3   | 26/15  | 165/42 | 14/12  | 139/21 |        |
| EA1IOW   | 40,176    | 172   | 108 | SO-PH-LP   | 1/1 | 26/22 | 35/24  | 60/30  | 26/15  | 24/16  |        |
| EA2DR    | 35,280    | 265   | 49  | SO-PH-LP   | 7/5 | 6/6   | 19/9   | 138/17 | 93/10  | 2/2    |        |
| EA2ECA   | 32,062    | 175   | 82  | SO-PH-LP   | 0/0 | 2/2   | 33/17  | 68/30  | 38/17  | 34/16  |        |
| EA1DHB   | 25,472    | 163   | 64  | SO-PH-LP   | 0/0 | 0/0   | 11/11  | 118/29 | 19/11  | 15/13  |        |
| EE1Y     | 19,782    | 124   | 63  | SO-PH-LP   | 0/0 | 11/11 | 0/0    | 78/30  | 30/17  | 5/5    | EA1YB  |
| EA3HWC   | 4,551     | 51    | 41  | SO-PH-LP   | 0/0 | 0/0   | 7/7    | 18/10  | 18/16  | 8/8    |        |
| EA3IFV   | 2,990     | 38    | 26  | SO-PH-LP   | 0/0 | 0/0   | 3/3    | 24/15  | 0/0    | 11/8   |        |
| EA1IZT   | 2,624     | 48    | 32  | SO-PH-LP   | 1/1 | 1/1   | 8/8    | 29/15  | 6/4    | 3/3    |        |
| EA3GYE   | 270       | 14    | 9   | SO-PH-QRP  | 0/0 | 0/0   | 0/0    | 14/9   | 0/0    | 0/0    |        |
| EA3EAN   | 66        | 7     | 6   | SO-PH-LP   | 0/0 | 0/0   | 0/0    | 7/6    | 0/0    | 0/0    |        |
| EE3E     | 52        | 5     | 4   | SO-PH-LP   | 0/0 | 0/0   | 5/4    | 0/0    | 0/0    | 0/0    |        |
| EA5IMM   | 16        | 4     | 4   | SO-PH-LP   | 0/0 | 1/1   | 1/1    | 1/1    | 1/1    | 0/0    |        |
| EA5UF    | 412,850   | 1,174 | 115 | SO-CW-LP   | 8/8 | 63/14 | 120/21 | 646/36 | 128/19 | 209/17 |        |
| EA5ITT   | 241,250   | 702   | 125 | SO-CW-LP   | 1/1 | 34/21 | 118/28 | 251/37 | 163/21 | 135/17 |        |
| EA7KB    | 40,040    | 260   | 55  | SO-CW-LP   | 0/0 | 11/8  | 45/11  | 127/22 | 61/10  | 16/4   |        |
| EA5/R3AR | 34,170    | 161   | 85  | SO-CW-LP   | 8/8 | 28/18 | 65/31  | 59/27  | 1/1    | 0/0    |        |
| EA3AVV   | 29,430    | 143   | 90  | SO-CW-LP   | 0/0 | 19/15 | 45/28  | 25/17  | 33/16  | 21/14  |        |

|            |           |       |       |             |       |        |        |        |        |        |                         |
|------------|-----------|-------|-------|-------------|-------|--------|--------|--------|--------|--------|-------------------------|
| EA5/RN3AM  | 22,776    | 166   | 39    | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 166/39 | 0/0    | 0/0    |                         |
| EA5CP      | 22,242    | 132   | 66    | SO-CW-LP    | 0/0   | 7/7    | 22/15  | 28/18  | 25/13  | 50/13  |                         |
| EA4ESP     | 10,080    | 93    | 36    | SO-CW-LP    | 0/0   | 1/1    | 91/34  | 1/1    | 0/0    | 0/0    |                         |
| EA3BOW     | 8,050     | 85    | 46    | SO-CW-LP    | 0/0   | 0/0    | 8/8    | 51/22  | 21/11  | 5/5    |                         |
| EE2A       | 3,520     | 50    | 40    | SO-CW-QRP   | 0/0   | 3/3    | 19/14  | 16/12  | 8/7    | 4/4    | EA2SN                   |
| EA5/EA4BAS | 1,008     | 28    | 16    | SO-CW-LP    | 0/0   | 0/0    | 0/0    | 28/16  | 0/0    | 0/0    |                         |
| EA4CU      | 250       | 11    | 10    | SO-CW-QRP   | 0/0   | 1/1    | 1/1    | 3/3    | 0/0    | 6/5    |                         |
| EB3JT      | 9         | 3     | 3     | SO-CW-LP    | 0/0   | 1/1    | 1/1    | 1/1    | 0/0    | 0/0    |                         |
| ED5W       | 763,350   | 1,526 | 175   | SOU-MIX-HP  | 2/1   | 68/23  | 325/46 | 503/49 | 418/32 | 210/24 | EA5BB                   |
| ED7K       | 488,569   | 1,221 | 127   | SOU-MIX-HP  | 0/0   | 0/0    | 275/30 | 436/42 | 336/37 | 174/18 | EA7TH                   |
| EE3X       | 409,479   | 679   | 217   | SOU-MIX-QRP | 25/17 | 65/32  | 170/45 | 297/59 | 80/44  | 42/20  | EA3KX                   |
| EA1FDI     | 67,851    | 395   | 63    | SOU-MIX-HP  | 2/1   | 4/3    | 16/10  | 156/24 | 11/10  | 206/15 |                         |
| EA2BD      | 21,574    | 121   | 46    | SOU-MIX-LP  | 0/0   | 2/1    | 2/1    | 114/41 | 3/3    | 0/0    |                         |
| EC5CR      | 17,980    | 134   | 58    | SOU-MIX-HP  | 5/4   | 10/8   | 23/11  | 61/15  | 21/13  | 14/7   |                         |
| EA4IE      | 6,272     | 67    | 56    | SOU-MIX-LP  | 9/8   | 23/22  | 10/8   | 5/3    | 17/13  | 3/2    |                         |
| EA3PT      | 5,712     | 63    | 51    | SOU-MIX-HP  | 0/0   | 0/0    | 8/7    | 46/35  | 9/9    | 0/0    |                         |
| EA3HCJ     | 4,396     | 64    | 28    | SOU-MIX-LP  | 0/0   | 0/0    | 64/28  | 0/0    | 0/0    | 0/0    |                         |
| EA5BY      | 360       | 18    | 10    | SOU-MIX-LP  | 0/0   | 2/1    | 2/1    | 2/2    | 1/1    | 11/5   |                         |
| EA1DFP     | 187       | 17    | 11    | SOU-MIX-HP  | 2/1   | 2/1    | 2/1    | 7/6    | 2/1    | 2/1    |                         |
| EA7TG      | 119       | 13    | 7     | SOU-MIX-HP  | 2/1   | 2/1    | 2/1    | 3/2    | 2/1    | 2/1    |                         |
| EA7KW      | 45        | 9     | 5     | SOU-MIX-HP  | 0/0   | 1/1    | 2/1    | 2/1    | 2/1    | 2/1    |                         |
| EA1WX      | 0         | 0     | 0     | SOU-MIX-HP  | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | 0/0    |                         |
| EF1W       | 1,123,575 | 1,693 | 213   | SOU-PH-HP   | 9/9   | 33/26  | 163/51 | 996/75 | 403/35 | 89/17  | EA1WS                   |
| EC5AN      | 569,245   | 1,071 | 185   | SOU-PH-LP   | 3/3   | 43/29  | 115/44 | 514/54 | 241/29 | 155/26 |                         |
| EA1DA      | 57,928    | 225   | 104   | SOU-PH-HP   | 0/0   | 27/19  | 25/21  | 102/28 | 60/26  | 11/10  |                         |
| EC3AIT     | 47,081    | 198   | 89    | SOU-PH-HP   | 0/0   | 0/0    | 27/20  | 129/44 | 35/18  | 7/7    |                         |
| EA3XR      | 17,145    | 142   | 45    | SOU-PH-LP   | 0/0   | 0/0    | 0/0    | 47/29  | 95/16  | 0/0    |                         |
| EA1AA      | 6,728     | 63    | 58    | SOU-PH-HP   | 5/5   | 19/19  | 18/13  | 16/16  | 2/2    | 3/3    |                         |
| EA2AOO     | 9         | 3     | 3     | SOU-PH-HP   | 0/0   | 0/0    | 0/0    | 1/1    | 1/1    | 1/1    |                         |
| EF5M       | 221,844   | 518   | 139   | SOU-CW-HP   | 0/0   | 27/21  | 124/40 | 273/45 | 79/24  | 15/9   |                         |
| ED2A       | 189,699   | 519   | 111   | SOU-CW-HP   | 0/0   | 23/17  | 287/46 | 203/43 | 6/5    | 0/0    | EA2CW                   |
| EF1C       | 120,075   | 532   | 75    | SOU-CW-HP   | 0/0   | 0/0    | 0/0    | 411/44 | 74/20  | 47/11  |                         |
| EA2HW      | 91,300    | 307   | 110   | SOU-CW-LP   | 0/0   | 16/15  | 52/23  | 119/35 | 80/21  | 40/16  |                         |
| EA5FIV     | 84,552    | 336   | 78    | SOU-CW-HP   | 0/0   | 0/0    | 1/1    | 207/37 | 112/26 | 16/14  |                         |
| EA4OR      | 31,850    | 129   | 98    | SOU-CW-HP   | 0/0   | 0/0    | 32/31  | 75/45  | 18/18  | 4/4    |                         |
| EA3OH      | 11,172    | 99    | 38    | SOU-CW-LP   | 0/0   | 0/0    | 0/0    | 99/38  | 0/0    | 0/0    |                         |
| EE4E       | 28,980    | 150   | 90    | MSHP        | 0/0   | 19/18  | 38/27  | 37/17  | 47/19  | 9/9    | EA4GZD, EB4BZA          |
|            |           |       |       |             |       |        |        |        |        |        |                         |
| Tunisia    |           |       |       |             |       |        |        |        |        |        |                         |
| 3V8SS      | 1,357,689 | 2,049 | 141   | SO-MIX-LP   | 0/0   | 139/26 | 280/27 | 773/38 | 415/27 | 442/23 | KF5EYY                  |
|            |           |       |       |             |       |        |        |        |        |        |                         |
| Call       | Score     | QSOs  | Mults | Category    | 160   | 80     | 40     | 20     | 15     | 10     | Operator(s) and/or Host |
| Zone 39    |           |       |       |             |       |        |        |        |        |        |                         |
|            |           |       |       |             |       |        |        |        |        |        |                         |

|                 |           |       |     |            |        |        |        |          |        |        |        |
|-----------------|-----------|-------|-----|------------|--------|--------|--------|----------|--------|--------|--------|
| Cyprus          |           |       |     |            |        |        |        |          |        |        |        |
| C4W             | 996,224   | 1,228 | 181 | SO-PH-HP   | 0/0    | 47/28  | 227/44 | 713/58   | 218/37 | 23/14  | 5B4WN  |
| P3X             | 4,255,180 | 3,077 | 302 | SOU-CW-HP  | 56/29  | 411/50 | 787/69 | 1,134/78 | 639/60 | 50/16  | UT5UDX |
| 5B/RN3QO        | 1,428,526 | 1,344 | 242 | SOU-CW-LP  | 116/26 | 218/44 | 314/49 | 437/57   | 156/44 | 103/22 |        |
|                 |           |       |     |            |        |        |        |          |        |        |        |
| Israel          |           |       |     |            |        |        |        |          |        |        |        |
| 4X6FR           | 2,234,372 | 2,458 | 199 | SO-MIX-HP  | 2/2    | 175/32 | 589/42 | 1,119/56 | 416/42 | 157/25 |        |
| 4Z4AK           | 1,282,011 | 1,605 | 177 | SO-MIX-HP  | 36/16  | 228/33 | 370/35 | 684/47   | 228/29 | 59/17  |        |
| 4X1IM           | 56,811    | 195   | 87  | SO-MIX-HP  | 0/0    | 8/6    | 26/18  | 90/38    | 66/20  | 5/5    |        |
| 4X6DK           | 47,188    | 163   | 94  | SO-PH-LP   | 0/0    | 17/17  | 36/24  | 78/31    | 20/10  | 12/12  |        |
| 4X4LF           | 6,642     | 55    | 41  | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 32/24    | 23/17  | 0/0    |        |
| 4Z5FI           | 4,050     | 48    | 27  | SO-PH-LP   | 0/0    | 48/27  | 0/0    | 0/0      | 0/0    | 0/0    |        |
| 4X1VF           | 272,391   | 583   | 109 | SO-CW-HP   | 0/0    | 30/13  | 29/12  | 266/38   | 205/32 | 53/14  |        |
| 4Z4KX           | 50,934    | 297   | 39  | SO-CW-LP   | 0/0    | 297/39 | 0/0    | 0/0      | 0/0    | 0/0    |        |
| 4Z7Z            | 798,903   | 973   | 189 | SOU-PH-HP  | 0/0    | 33/21  | 38/32  | 703/72   | 141/43 | 58/21  | 4X1DX  |
| 4X4DZ           | 537,247   | 1,096 | 107 | SOU-CW-HP  | 0/0    | 0/0    | 0/0    | 559/46   | 312/38 | 225/23 |        |
|                 |           |       |     |            |        |        |        |          |        |        |        |
| Lebanon         |           |       |     |            |        |        |        |          |        |        |        |
| OD5PY           | 6,177     | 62    | 29  | SOU-PH-HP  | 0/0    | 0/0    | 0/0    | 54/24    | 7/4    | 1/1    |        |
|                 |           |       |     |            |        |        |        |          |        |        |        |
| Maritime Mobile |           |       |     |            |        |        |        |          |        |        |        |
| RAØLQ/MM        | 437,437   | 709   | 143 | SO-MIX-LP  | 0/0    | 0/0    | 88/36  | 294/53   | 221/34 | 106/20 |        |
|                 |           |       |     |            |        |        |        |          |        |        |        |
| Qatar           |           |       |     |            |        |        |        |          |        |        |        |
| A71AE           | 304       | 20    | 16  | SOU-MIX-HP | 0/0    | 0/0    | 0/0    | 19/15    | 1/1    | 0/0    |        |
|                 |           |       |     |            |        |        |        |          |        |        |        |
| Saudi Arabia    |           |       |     |            |        |        |        |          |        |        |        |
| 7Z1SJ           | 65,366    | 306   | 49  | SO-CW-LP   | 0/0    | 0/0    | 0/0    | 306/49   | 0/0    | 0/0    |        |
| HZ1TT           | 33,528    | 316   | 24  | SO-CW-HP   | 0/0    | 0/0    | 0/0    | 316/24   | 0/0    | 0/0    |        |
|                 |           |       |     |            |        |        |        |          |        |        |        |
| Turkey          |           |       |     |            |        |        |        |          |        |        |        |
| TA1FA           | 12,561    | 112   | 53  | SO-MIX-QRP | 0/0    | 12/11  | 12/8   | 69/22    | 5/5    | 14/7   |        |
| TC4A            | 5,301     | 69    | 19  | SO-MIX-HP  | 0/0    | 0/0    | 69/19  | 0/0      | 0/0    | 0/0    | TA4CS  |
| TA2JU           | 16,121    | 98    | 47  | SO-PH-LP   | 0/0    | 4/4    | 28/12  | 55/23    | 6/5    | 5/3    |        |
| TA2ANL          | 15,648    | 99    | 48  | SO-PH-LP   | 0/0    | 0/0    | 59/28  | 40/20    | 0/0    | 0/0    |        |
| TA2DE           | 15,470    | 113   | 34  | SO-PH-HP   | 0/0    | 0/0    | 0/0    | 113/34   | 0/0    | 0/0    |        |
| TA1API          | 11,529    | 101   | 63  | SO-PH-HP   | 0/0    | 15/14  | 52/26  | 23/13    | 7/6    | 4/4    |        |
| TA3NEB          | 8,127     | 70    | 43  | SO-PH-LP   | 0/0    | 0/0    | 15/10  | 33/18    | 18/11  | 4/4    |        |
| TA7OYG          | 1,365     | 34    | 13  | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 34/13    | 0/0    | 0/0    |        |
| TA3EP           | 85        | 5     | 5   | SO-PH-LP   | 0/0    | 0/0    | 1/1    | 4/4      | 0/0    | 0/0    |        |
| TAØTA           | 84        | 7     | 6   | SO-PH-LP   | 0/0    | 0/0    | 7/6    | 0/0      | 0/0    | 0/0    |        |
| TA1OSN          | 39        | 3     | 3   | SO-PH-LP   | 0/0    | 0/0    | 0/0    | 3/3      | 0/0    | 0/0    |        |
| TA7AGL          | 0         | 0     | 0   | SO-PH-QRP  | 0/0    | 0/0    | 0/0    | 0/0      | 0/0    | 0/0    |        |
| TA7I            | 240,075   | 553   | 97  | SO-CW-LP   | 0/0    | 0/0    | 63/17  | 229/32   | 147/26 | 114/22 |        |

|                      |         |      |       |            |     |        |        |        |        |       |                         |
|----------------------|---------|------|-------|------------|-----|--------|--------|--------|--------|-------|-------------------------|
| TA1NAI               | 12,100  | 110  | 44    | SO-CW-LP   | 0/0 | 10/6   | 46/20  | 54/18  | 0/0    | 0/0   |                         |
| TA4SO                | 16,422  | 102  | 46    | SOU-MIX-LP | 0/0 | 0/0    | 0/0    | 54/20  | 38/16  | 10/10 |                         |
| TA2OLS               | 7,192   | 71   | 31    | SOU-PH-LP  | 0/0 | 0/0    | 0/0    | 71/31  | 0/0    | 0/0   |                         |
| TA5FA                | 79,429  | 365  | 49    | SOU-CW-LP  | 0/0 | 194/25 | 0/0    | 105/17 | 52/5   | 14/2  |                         |
| TC3N                 | 134,784 | 438  | 72    | MSHP       | 0/0 | 1/1    | 3/3    | 365/52 | 69/16  | 0/0   | TA3ON, TA3UDK           |
|                      |         |      |       |            |     |        |        |        |        |       |                         |
| United Arab Emirates |         |      |       |            |     |        |        |        |        |       |                         |
| A61BK                | 31,949  | 186  | 43    | SO-PH-QRP  | 0/0 | 0/0    | 6/4    | 176/35 | 4/4    | 0/0   |                         |
| A61FK                | 7,128   | 69   | 27    | SO-PH-LP   | 0/0 | 0/0    | 16/8   | 53/19  | 0/0    | 0/0   |                         |
| A61ZX                | 6,012   | 60   | 36    | SO-PH-LP   | 0/0 | 0/0    | 16/12  | 38/18  | 6/6    | 0/0   |                         |
| A61EK                | 25,922  | 212  | 26    | SO-CW-HP   | 0/0 | 0/0    | 28/8   | 184/18 | 0/0    | 0/0   |                         |
|                      |         |      |       |            |     |        |        |        |        |       |                         |
| Call                 | Score   | QSOs | Mults | Category   | 160 | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 41              |         |      |       |            |     |        |        |        |        |       |                         |
|                      |         |      |       |            |     |        |        |        |        |       |                         |
| India                |         |      |       |            |     |        |        |        |        |       |                         |
| VU2JOS               | 910     | 19   | 13    | SO-MIX-LP  | 0/0 | 0/0    | 0/0    | 19/13  | 0/0    | 0/0   |                         |
| VU3ESV               | 189     | 15   | 9     | SO-MIX-LP  | 0/0 | 0/0    | 1/1    | 14/8   | 0/0    | 0/0   |                         |
| VU3WBB               | 4,309   | 48   | 31    | SO-PH-LP   | 0/0 | 0/0    | 3/3    | 36/19  | 9/9    | 0/0   |                         |
| VU2KWJ               | 350     | 13   | 10    | SO-PH-LP   | 0/0 | 0/0    | 0/0    | 13/10  | 0/0    | 0/0   |                         |
| VU3BUN               | 81      | 9    | 9     | SO-PH-LP   | 0/0 | 0/0    | 0/0    | 6/6    | 3/3    | 0/0   |                         |
| VU3JXJ               | 21      | 3    | 3     | SO-PH-LP   | 0/0 | 0/0    | 0/0    | 3/3    | 0/0    | 0/0   |                         |
| VU3OXH               | 2       | 2    | 2     | SO-PH-LP   | 0/0 | 0/0    | 0/0    | 2/2    | 0/0    | 0/0   |                         |
|                      |         |      |       |            |     |        |        |        |        |       |                         |
| Call                 | Score   | QSOs | Mults | Category   | 160 | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 42              |         |      |       |            |     |        |        |        |        |       |                         |
|                      |         |      |       |            |     |        |        |        |        |       |                         |
| China                |         |      |       |            |     |        |        |        |        |       |                         |
| BGØCOH               | 53,703  | 265  | 51    | SO-PH-LP   | 0/0 | 0/0    | 0/0    | 257/44 | 8/7    | 0/0   |                         |
|                      |         |      |       |            |     |        |        |        |        |       |                         |
| Call                 | Score   | QSOs | Mults | Category   | 160 | 80     | 40     | 20     | 15     | 10    | Operator(s) and/or Host |
| Zone 43              |         |      |       |            |     |        |        |        |        |       |                         |
|                      |         |      |       |            |     |        |        |        |        |       |                         |
| China                |         |      |       |            |     |        |        |        |        |       |                         |
| BG3KKZ               | 12,558  | 96   | 46    | SO-MIX-LP  | 0/0 | 1/1    | 26/16  | 42/15  | 23/10  | 4/4   |                         |
| BG8BXM               | 23,613  | 145  | 51    | SO-CW-LP   | 0/0 | 0/0    | 30/16  | 81/21  | 29/11  | 5/3   |                         |
| BG8TFN               | 15,680  | 163  | 32    | SO-CW-LP   | 0/0 | 0/0    | 0/0    | 106/18 | 24/10  | 33/4  |                         |
| BG8PM                | 4,720   | 78   | 20    | SO-CW-LP   | 0/0 | 0/0    | 0/0    | 78/20  | 0/0    | 0/0   |                         |
| BH7QP                | 854     | 19   | 14    | SO-CW-LP   | 0/0 | 1/1    | 5/4    | 11/7   | 1/1    | 1/1   |                         |
| BA7QT                | 234,375 | 511  | 125   | SOU-MIX-HP | 0/0 | 8/5    | 223/55 | 205/40 | 41/16  | 34/9  |                         |
| BG9NJY               | 24,544  | 134  | 59    | SOU-MIX-HP | 0/0 | 0/0    | 24/14  | 78/28  | 29/14  | 3/3   |                         |
| BH8ASZ               | 18,304  | 121  | 52    | SOU-MIX-LP | 0/0 | 1/1    | 19/12  | 60/21  | 32/12  | 9/6   |                         |
| BH8PHG               | 270     | 13   | 10    | SOU-PH-LP  | 0/0 | 0/0    | 0/0    | 12/9   | 1/1    | 0/0   |                         |
| BA8BA                | 324,480 | 672  | 128   | SOU-CW-HP  | 0/0 | 0/0    | 84/33  | 414/57 | 161/34 | 13/4  |                         |

|               |              |           |           |                 |            |            |              |              |            |            |                         |
|---------------|--------------|-----------|-----------|-----------------|------------|------------|--------------|--------------|------------|------------|-------------------------|
| BG8SRK        | 3,725        | 48        | 25        | SOU-CW-LP       | 0/0        | 0/0        | 0/0          | 32/12        | 11/8       | 5/5        |                         |
|               |              |           |           |                 |            |            |              |              |            |            |                         |
| Call          | Score        | QSOs      | Mults     | Category        | 160        | 80         | 40           | 20           | 15         | 10         | Operator(s) and/or Host |
| Zone 44       |              |           |           |                 |            |            |              |              |            |            |                         |
|               |              |           |           |                 |            |            |              |              |            |            |                         |
| China         |              |           |           |                 |            |            |              |              |            |            |                         |
| BA3MM         | 67,725       | 344       | 63        | SO-MIX-LP       | 0/0        | 11/5       | 0/0          | 255/39       | 78/19      | 0/0        |                         |
| BA5AB         | 15,680       | 94        | 49        | SO-MIX-LP       | 0/0        | 0/0        | 34/16        | 40/19        | 17/11      | 3/3        |                         |
| BG2KAJ        | 4,294        | 53        | 38        | SO-MIX-LP       | 0/0        | 0/0        | 12/9         | 20/14        | 15/10      | 6/5        |                         |
| BG6TVZ        | 1,960        | 45        | 20        | SO-MIX-LP       | 0/0        | 0/0        | 11/6         | 19/8         | 15/6       | 0/0        |                         |
| BI4VIP        | 1,896        | 45        | 24        | SO-MIX-LP       | 0/0        | 3/2        | 21/10        | 8/4          | 9/5        | 4/3        |                         |
| BH1RWJ        | 1,296        | 39        | 16        | SO-MIX-LP       | 0/0        | 0/0        | 35/13        | 4/3          | 0/0        | 0/0        |                         |
| BA4VE         | 504          | 16        | 12        | SO-MIX-LP       | 0/0        | 1/1        | 3/2          | 6/6          | 6/3        | 0/0        |                         |
| BG5BAA        | 6,630        | 74        | 30        | SO-PH-HP        | 0/0        | 0/0        | 19/10        | 52/17        | 3/3        | 0/0        |                         |
| BH3SCC        | 880          | 21        | 20        | SO-PH-LP        | 0/0        | 0/0        | 6/6          | 9/8          | 6/6        | 0/0        |                         |
| BG4JO         | 650          | 21        | 13        | SO-PH-LP        | 0/0        | 0/0        | 7/4          | 14/9         | 0/0        | 0/0        |                         |
| BH4LLP        | 533          | 21        | 13        | SO-PH-LP        | 0/0        | 0/0        | 3/3          | 18/10        | 0/0        | 0/0        |                         |
| <i>BD6AHP</i> | 45           | 5         | 5         | <i>SO-PH-LP</i> | 0/0        | 0/0        | 5/5          | 0/0          | 0/0        | 0/0        |                         |
| BH4IWK        | 32           | 4         | 4         | SO-PH-LP        | 0/0        | 0/0        | 0/0          | 4/4          | 0/0        | 0/0        |                         |
| BG5GLV        | 24           | 4         | 4         | SO-PH-LP        | 0/0        | 0/0        | 0/0          | 4/4          | 0/0        | 0/0        |                         |
| BD4RHV        | 9            | 3         | 3         | SO-PH-LP        | 0/0        | 0/0        | 2/2          | 1/1          | 0/0        | 0/0        |                         |
| BH4EPK        | 8            | 4         | 2         | SO-PH-LP        | 0/0        | 0/0        | 0/0          | 4/2          | 0/0        | 0/0        |                         |
| BG5BDY        | 11,088       | 112       | 36        | SO-CW-LP        | 0/0        | 0/0        | 53/17        | 54/14        | 5/5        | 0/0        |                         |
| BD7JZC        | 4,400        | 59        | 22        | SO-CW-LP        | 0/0        | 0/0        | 8/5          | 46/14        | 5/3        | 0/0        |                         |
| <i>BG5JNT</i> | <i>3,050</i> | <i>43</i> | <i>25</i> | <i>SO-CW-LP</i> | <i>0/0</i> | <i>0/0</i> | <i>27/12</i> | <i>13/11</i> | <i>3/2</i> | <i>0/0</i> |                         |
| BG7SAZ        | 2,898        | 59        | 14        | SO-CW-LP        | 0/0        | 0/0        | 59/14        | 0/0          | 0/0        | 0/0        |                         |
| BG7NRG        | 2,329        | 49        | 17        | SO-CW-LP        | 0/0        | 0/0        | 12/5         | 34/9         | 3/3        | 0/0        |                         |
| BD7BW         | 1,125        | 49        | 9         | SO-CW-LP        | 0/0        | 0/0        | 0/0          | 0/0          | 17/4       | 32/5       |                         |
| <i>BH4BFS</i> | <i>1,078</i> | <i>58</i> | <i>7</i>  | <i>SO-CW-LP</i> | <i>0/0</i> | <i>0/0</i> | <i>58/7</i>  | <i>0/0</i>   | <i>0/0</i> | <i>0/0</i> |                         |
| BD7PTS        | 756          | 23        | 12        | SO-CW-LP        | 0/0        | 0/0        | 5/5          | 15/6         | 3/1        | 0/0        |                         |
| BH4XDZ        | 376          | 22        | 8         | SO-CW-LP        | 0/0        | 0/0        | 0/0          | 22/8         | 0/0        | 0/0        |                         |
| BG3UTD        | 84           | 8         | 7         | SO-CW-LP        | 0/0        | 0/0        | 3/3          | 3/2          | 2/2        | 0/0        |                         |
| BD4LB         | 72           | 6         | 6         | SO-CW-LP        | 0/0        | 0/0        | 5/5          | 0/0          | 1/1        | 0/0        |                         |
| BH4EUJ        | 205,897      | 638       | 103       | SOU-MIX-HP      | 0/0        | 0/0        | 135/28       | 308/47       | 111/20     | 84/8       | BA4DL                   |
| BI4SDT        | 15,794       | 115       | 53        | SOU-MIX-LP      | 0/0        | 1/1        | 59/25        | 30/12        | 18/10      | 7/5        |                         |
| BH4TQX        | 13,960       | 129       | 40        | SOU-MIX-LP      | 0/0        | 0/0        | 32/15        | 55/17        | 36/6       | 6/2        |                         |
| BA5CW         | 12,342       | 125       | 33        | SOU-MIX-LP      | 0/0        | 0/0        | 84/16        | 10/7         | 24/6       | 7/4        |                         |
| BH6KWC        | 2,600        | 45        | 25        | SOU-MIX-LP      | 0/0        | 2/2        | 20/8         | 17/9         | 5/5        | 1/1        |                         |
| BH4OUF        | 1,040        | 29        | 20        | SOU-MIX-LP      | 0/0        | 0/0        | 11/8         | 18/12        | 0/0        | 0/0        |                         |
| BG4HYK        | 220          | 18        | 5         | SOU-MIX-LP      | 0/0        | 0/0        | 18/5         | 0/0          | 0/0        | 0/0        |                         |
| BD7JNA        | 72,420       | 290       | 85        | SOU-CW-LP       | 0/0        | 4/4        | 93/29        | 130/32       | 41/13      | 22/7       |                         |
| BH1NGG        | 61,557       | 313       | 71        | SOU-CW-LP       | 0/0        | 2/2        | 100/26       | 148/27       | 49/13      | 14/3       |                         |
| BG7OAJ        | 38,006       | 211       | 62        | SOU-CW-LP       | 0/0        | 3/3        | 115/25       | 63/20        | 21/10      | 9/4        |                         |
| BA1RB         | 12,110       | 128       | 35        | SOU-CW-LP       | 0/0        | 0/0        | 14/5         | 34/12        | 57/13      | 23/5       |                         |

|                   |           |       |       |            |      |       |        |        |        |        |                                                                        |
|-------------------|-----------|-------|-------|------------|------|-------|--------|--------|--------|--------|------------------------------------------------------------------------|
| BI3NTC            | 9,516     | 103   | 39    | SOU-CW-LP  | 0/0  | 2/2   | 36/10  | 50/17  | 11/7   | 4/3    |                                                                        |
| BG4OP             | 383,400   | 793   | 150   | MSHP       | 0/0  | 25/7  | 244/44 | 311/55 | 166/34 | 47/10  | BA4MY, BD3TX, BI4IIZ, BI4KKC                                           |
| BD7DT             | 127,774   | 586   | 58    | MSHP       | 0/0  | 0/0   | 0/0    | 586/58 | 0/0    | 0/0    | BD7DX, BG7BES, BG7EBO, BG7FKH, BG7HEY                                  |
| BI4NLB            | 83,538    | 386   | 78    | MSHP       | 0/0  | 0/0   | 45/24  | 259/40 | 81/13  | 1/1    | BG4DZL, BG4GDN, BG4GOV, BH4BJP, BH4BWX, BH4DBP, BH4DPU, BH4ESB, BI4NLB |
| BG7JJW            | 70,630    | 317   | 70    | MSHP       | 0/0  | 0/0   | 88/31  | 204/31 | 25/8   | 0/0    | BD7JOO, BD7KBB, BD7KBH, BD7LPD, BD7LPY, BD7MCP, BD7MTJ, BH7KBE, UT3GF  |
| BI4RBD            | 27,544    | 238   | 44    | MSHP       | 0/0  | 1/1   | 49/15  | 36/11  | 61/10  | 91/7   | BD4QA, BD4QB, BD4RWR, BH4XBU, BI4RBD, BI4TGL, BI4XYP, BI4XYS           |
|                   |           |       |       |            |      |       |        |        |        |        |                                                                        |
| Hong Kong         |           |       |       |            |      |       |        |        |        |        |                                                                        |
| VR2XAN            | 531,298   | 767   | 211   | SO-MIX-HP  | 0/0  | 64/30 | 179/57 | 353/66 | 127/43 | 44/15  |                                                                        |
| VR2CO             | 26,964    | 155   | 63    | SO-MIX-HP  | 0/0  | 0/0   | 81/36  | 46/15  | 21/9   | 7/3    |                                                                        |
| VR2XRW            | 186       | 9     | 6     | SOU-MIX-HP | 0/0  | 0/0   | 8/5    | 1/1    | 0/0    | 0/0    |                                                                        |
|                   |           |       |       |            |      |       |        |        |        |        |                                                                        |
| Republic of Korea |           |       |       |            |      |       |        |        |        |        |                                                                        |
| HL1/LZ4AX         | 255,316   | 755   | 116   | SO-MIX-LP  | 0/0  | 36/10 | 230/43 | 199/30 | 190/23 | 100/10 |                                                                        |
| D73F              | 8,755     | 188   | 17    | SO-MIX-HP  | 0/0  | 1/1   | 29/5   | 79/5   | 73/5   | 6/1    | HL4CEL                                                                 |
| HL2CFY            | 4,644     | 56    | 27    | SO-MIX-LP  | 0/0  | 0/0   | 1/1    | 49/21  | 2/2    | 4/3    |                                                                        |
| HL4CEL            | 2,780     | 101   | 10    | SO-MIX-HP  | 0/0  | 0/0   | 21/2   | 45/3   | 28/4   | 7/1    |                                                                        |
| HL2VXK            | 408       | 15    | 12    | SO-MIX-LP  | 0/0  | 0/0   | 3/2    | 11/9   | 1/1    | 0/0    |                                                                        |
| DS4EOI            | 318,645   | 877   | 97    | SO-CW-HP   | 7/1  | 7/2   | 311/27 | 340/34 | 158/26 | 54/7   |                                                                        |
| HL2BQG            | 98,050    | 466   | 74    | SO-CW-HP   | 0/0  | 0/0   | 187/27 | 125/22 | 107/17 | 47/8   |                                                                        |
| 6K2IXF            | 25,885    | 296   | 31    | SO-CW-LP   | 0/0  | 0/0   | 156/16 | 80/8   | 47/5   | 13/2   |                                                                        |
| HL5YI             | 12,800    | 105   | 40    | SO-CW-HP   | 0/0  | 0/0   | 29/11  | 76/29  | 0/0    | 0/0    |                                                                        |
| DS5DNO            | 1,496     | 44    | 11    | SO-CW-LP   | 0/0  | 0/0   | 44/11  | 0/0    | 0/0    | 0/0    |                                                                        |
| HL4CFN            | 154       | 10    | 7     | SO-CW-LP   | 0/0  | 0/0   | 10/7   | 0/0    | 0/0    | 0/0    |                                                                        |
| HL3AMO            | 135,625   | 361   | 125   | SOU-MIX-LP | 1/1  | 10/7  | 107/40 | 154/45 | 67/25  | 22/7   |                                                                        |
|                   |           |       |       |            |      |       |        |        |        |        |                                                                        |
| Taiwan            |           |       |       |            |      |       |        |        |        |        |                                                                        |
| BV1EK             | 7,344     | 67    | 34    | SO-MIX-HP  | 0/0  | 0/0   | 0/0    | 41/20  | 26/14  | 0/0    |                                                                        |
| BV3UJ             | 2,702     | 66    | 14    | SO-MIX-LP  | 0/0  | 0/0   | 0/0    | 66/14  | 0/0    | 0/0    |                                                                        |
| BU2EQ             | 6,358     | 67    | 34    | SO-PH-LP   | 0/0  | 0/0   | 17/10  | 42/16  | 8/8    | 0/0    |                                                                        |
| BU2BO             | 2,960     | 58    | 16    | SO-PH-LP   | 0/0  | 0/0   | 0/0    | 49/10  | 9/6    | 0/0    |                                                                        |
| BX2AGF            | 1,771     | 39    | 23    | SO-PH-LP   | 0/0  | 0/0   | 7/7    | 26/11  | 5/4    | 1/1    |                                                                        |
| BU2EO             | 53,159    | 342   | 53    | SO-CW-LP   | 0/0  | 0/0   | 140/16 | 148/21 | 45/12  | 9/4    |                                                                        |
| BU2EP             | 2,775     | 49    | 25    | SOU-PH-LP  | 0/0  | 0/0   | 28/12  | 13/8   | 7/4    | 1/1    |                                                                        |
|                   |           |       |       |            |      |       |        |        |        |        |                                                                        |
| Call              | Score     | QSOs  | Mults | Category   | 160  | 80    | 40     | 20     | 15     | 10     | Operator(s) and/or Host                                                |
| Zone 45           |           |       |       |            |      |       |        |        |        |        |                                                                        |
|                   |           |       |       |            |      |       |        |        |        |        |                                                                        |
| Japan             |           |       |       |            |      |       |        |        |        |        |                                                                        |
| JE6RPM            | 1,240,272 | 1,622 | 198   | SO-MIX-HP  | 4/2  | 37/12 | 417/53 | 700/57 | 291/43 | 173/31 | JH5GHM                                                                 |
| JR2GRX            | 1,133,088 | 1,392 | 222   | SO-MIX-HP  | 10/5 | 54/19 | 435/65 | 596/66 | 242/53 | 55/14  |                                                                        |

|          |         |     |     |            |     |       |        |        |       |       |  |
|----------|---------|-----|-----|------------|-----|-------|--------|--------|-------|-------|--|
| JM1MTE   | 158,125 | 356 | 125 | SO-MIX-LP  | 0/0 | 21/10 | 137/39 | 106/42 | 71/23 | 21/11 |  |
| JK2VOC   | 112,992 | 394 | 107 | SO-MIX-LP  | 3/2 | 33/8  | 115/23 | 143/44 | 86/22 | 14/8  |  |
| JA2AXB   | 65,527  | 240 | 77  | SO-MIX-HP  | 0/0 | 0/0   | 72/24  | 126/34 | 42/19 | 0/0   |  |
| JA7BEW   | 48,032  | 199 | 76  | SO-MIX-LP  | 1/1 | 15/7  | 80/25  | 50/22  | 41/14 | 12/7  |  |
| JF1WNT   | 37,765  | 182 | 65  | SO-MIX-LP  | 0/0 | 0/0   | 79/23  | 66/27  | 15/9  | 22/6  |  |
| JE4MHL   | 33,364  | 135 | 76  | SO-MIX-LP  | 1/1 | 5/3   | 46/21  | 39/25  | 29/20 | 15/6  |  |
| JR4ISF/3 | 32,922  | 202 | 59  | SO-MIX-LP  | 0/0 | 4/1   | 34/12  | 76/18  | 77/22 | 11/6  |  |
| JR3AAZ   | 30,104  | 115 | 106 | SO-MIX-LP  | 1/1 | 1/1   | 28/26  | 53/46  | 25/25 | 7/7   |  |
| JG2RFJ   | 25,650  | 133 | 57  | SO-MIX-LP  | 0/0 | 0/0   | 32/14  | 64/26  | 29/11 | 8/6   |  |
| JH1FNU   | 22,110  | 134 | 55  | SO-MIX-LP  | 0/0 | 0/0   | 43/15  | 38/19  | 36/15 | 17/6  |  |
| JF1KWG   | 16,464  | 123 | 48  | SO-MIX-LP  | 1/1 | 1/1   | 37/14  | 30/14  | 39/12 | 15/6  |  |
| JJØUSR   | 14,214  | 91  | 46  | SO-MIX-LP  | 0/0 | 0/0   | 66/30  | 8/6    | 15/8  | 2/2   |  |
| JE4CIL   | 12,240  | 80  | 45  | SO-MIX-HP  | 0/0 | 0/0   | 23/13  | 48/25  | 9/7   | 0/0   |  |
| JH2XQY   | 10,496  | 75  | 41  | SO-MIX-LP  | 0/0 | 0/0   | 26/15  | 39/19  | 7/5   | 3/2   |  |
| JF5SIM   | 10,200  | 81  | 40  | SO-MIX-HP  | 0/0 | 0/0   | 45/17  | 26/16  | 10/7  | 0/0   |  |
| JE5JHZ   | 8,550   | 68  | 45  | SO-MIX-HP  | 1/1 | 3/3   | 34/16  | 29/24  | 1/1   | 0/0   |  |
| JK1NSR   | 8,103   | 83  | 37  | SO-MIX-LP  | 0/0 | 0/0   | 17/6   | 37/18  | 19/9  | 10/4  |  |
| JH9CEN   | 7,524   | 75  | 36  | SO-MIX-HP  | 0/0 | 0/0   | 4/2    | 46/19  | 22/12 | 3/3   |  |
| JA1AZR   | 7,310   | 61  | 34  | SO-MIX-LP  | 0/0 | 1/1   | 31/13  | 19/11  | 8/7   | 2/2   |  |
| JA1SCE   | 7,242   | 62  | 34  | SO-MIX-LP  | 0/0 | 0/0   | 29/12  | 14/8   | 16/11 | 3/3   |  |
| JA8DNV   | 6,210   | 61  | 30  | SO-MIX-HP  | 2/2 | 26/10 | 13/6   | 6/6    | 14/6  | 0/0   |  |
| JK7BEJ   | 4,704   | 66  | 28  | SO-MIX-LP  | 0/0 | 0/0   | 26/11  | 22/10  | 18/7  | 0/0   |  |
| JR2EKD   | 3,456   | 63  | 24  | SO-MIX-QRP | 0/0 | 6/2   | 23/8   | 0/0    | 16/8  | 18/6  |  |
| JA1GVM   | 2,700   | 41  | 20  | SO-MIX-HP  | 0/0 | 1/1   | 24/8   | 9/6    | 5/4   | 2/1   |  |
| JH4FUF   | 2,670   | 36  | 30  | SO-MIX-LP  | 0/0 | 1/1   | 15/12  | 11/9   | 7/7   | 2/1   |  |
| JE3UHV   | 1,869   | 38  | 21  | SO-MIX-LP  | 0/0 | 0/0   | 0/0    | 27/14  | 11/7  | 0/0   |  |
| JE1GWO   | 1,755   | 34  | 27  | SO-MIX-LP  | 1/1 | 1/1   | 7/6    | 20/16  | 2/1   | 3/2   |  |
| JK1TCV   | 1,628   | 30  | 22  | SO-MIX-QRP | 1/1 | 1/1   | 6/4    | 10/8   | 9/6   | 3/2   |  |
| JO7GVC   | 885     | 31  | 15  | SO-MIX-HP  | 0/0 | 0/0   | 1/1    | 1/1    | 28/12 | 1/1   |  |
| JO1WIZ   | 848     | 25  | 16  | SO-MIX-LP  | 0/0 | 0/0   | 2/1    | 8/4    | 9/7   | 6/4   |  |
| JA7OWD   | 780     | 22  | 13  | SO-MIX-HP  | 0/0 | 0/0   | 0/0    | 0/0    | 1/1   | 21/12 |  |
| JE8FYE   | 780     | 22  | 10  | SO-MIX-LP  | 0/0 | 1/1   | 19/7   | 0/0    | 1/1   | 1/1   |  |
| JJ1NZA   | 540     | 19  | 12  | SO-MIX-LP  | 0/0 | 0/0   | 12/7   | 0/0    | 7/5   | 0/0   |  |
| JN1DNV   | 448     | 16  | 14  | SO-MIX-LP  | 0/0 | 1/1   | 3/3    | 2/2    | 7/5   | 3/3   |  |
| JF1OVA   | 392     | 20  | 8   | SO-MIX-LP  | 0/0 | 0/0   | 0/0    | 0/0    | 0/0   | 20/8  |  |
| JR1MEG/1 | 340     | 16  | 10  | SO-MIX-LP  | 0/0 | 0/0   | 0/0    | 0/0    | 0/0   | 16/10 |  |
| JA1CRJ   | 245     | 11  | 7   | SO-MIX-LP  | 0/0 | 1/1   | 7/3    | 3/3    | 0/0   | 0/0   |  |
| JF1OPO   | 78      | 9   | 6   | SO-MIX-LP  | 1/1 | 0/0   | 3/2    | 3/2    | 2/1   | 0/0   |  |
| JH8CLC/1 | 70      | 10  | 7   | SO-MIX-LP  | 1/1 | 1/1   | 2/1    | 2/1    | 2/1   | 2/2   |  |
| JA4DWG   | 60      | 10  | 6   | SO-MIX-HP  | 1/1 | 1/1   | 2/1    | 2/1    | 2/1   | 2/1   |  |
| 7N2UQC   | 9,810   | 75  | 45  | SO-PH-LP   | 0/0 | 0/0   | 31/15  | 33/21  | 8/6   | 3/3   |  |
| JA8IJI   | 5,577   | 52  | 39  | SO-PH-HP   | 0/0 | 0/0   | 26/15  | 20/18  | 4/4   | 2/2   |  |
| JA9CCG   | 4,588   | 48  | 31  | SO-PH-HP   | 0/0 | 0/0   | 1/1    | 36/20  | 9/8   | 2/2   |  |
| JR1QBA   | 4,170   | 50  | 30  | SO-PH-LP   | 0/0 | 0/0   | 16/8   | 22/15  | 5/4   | 7/3   |  |

|          |         |     |     |           |      |       |        |        |        |       |        |
|----------|---------|-----|-----|-----------|------|-------|--------|--------|--------|-------|--------|
| JH2BTM   | 2,210   | 31  | 26  | SO-PH-HP  | 0/0  | 0/0   | 11/8   | 15/14  | 5/4    | 0/0   |        |
| JHØJDV   | 1,428   | 24  | 17  | SO-PH-LP  | 0/0  | 0/0   | 17/10  | 7/7    | 0/0    | 0/0   |        |
| JG3XDR   | 1,140   | 28  | 15  | SO-PH-LP  | 0/0  | 0/0   | 0/0    | 28/15  | 0/0    | 0/0   |        |
| JA2MWV   | 630     | 16  | 14  | SO-PH-QRP | 0/0  | 0/0   | 8/6    | 0/0    | 6/6    | 2/2   |        |
| JP3MFV   | 600     | 15  | 12  | SO-PH-LP  | 0/0  | 0/0   | 2/2    | 13/10  | 0/0    | 0/0   |        |
| JM8FEI   | 588     | 19  | 14  | SO-PH-LP  | 0/0  | 0/0   | 10/5   | 7/7    | 1/1    | 1/1   |        |
| JR1MRG   | 360     | 14  | 12  | SO-PH-LP  | 0/0  | 0/0   | 6/4    | 4/4    | 4/4    | 0/0   |        |
| JA2IXS   | 340     | 12  | 10  | SO-PH-HP  | 0/0  | 0/0   | 6/4    | 3/3    | 3/3    | 0/0   |        |
| JG1GCO   | 112     | 8   | 8   | SO-PH-LP  | 0/0  | 0/0   | 1/1    | 6/6    | 1/1    | 0/0   |        |
| JAØCLB   | 80      | 5   | 4   | SO-PH-HP  | 0/0  | 0/0   | 2/1    | 2/2    | 1/1    | 0/0   |        |
| JR1JRW   | 78      | 7   | 6   | SO-PH-LP  | 0/0  | 0/0   | 2/2    | 4/3    | 1/1    | 0/0   |        |
| JA1NEZ   | 55      | 5   | 5   | SO-PH-QRP | 0/0  | 0/0   | 0/0    | 0/0    | 0/0    | 5/5   |        |
| JH1BHW   | 40      | 4   | 4   | SO-PH-LP  | 0/0  | 0/0   | 0/0    | 4/4    | 0/0    | 0/0   |        |
| JA9EJG   | 35      | 5   | 5   | SO-PH-LP  | 0/0  | 0/0   | 2/2    | 2/2    | 1/1    | 0/0   |        |
| JO7FGZ   | 9       | 3   | 3   | SO-PH-QRP | 0/0  | 1/1   | 1/1    | 1/1    | 0/0    | 0/0   |        |
| JJ1IKC   | 0       | 1   | 1   | SO-PH-QRP | 0/0  | 0/0   | 0/0    | 0/0    | 1/1    | 0/0   |        |
| JA1MYW   | -2      | 1   | 1   | SO-PH-LP  | 0/0  | 0/0   | 0/0    | 0/0    | 1/1    | 0/0   |        |
| JA1BJI   | 413,205 | 783 | 169 | SO-CW-LP  | 6/4  | 50/13 | 277/50 | 227/49 | 172/38 | 51/15 |        |
| JA7ACM   | 231,013 | 490 | 127 | SO-CW-HP  | 1/1  | 21/11 | 240/52 | 208/49 | 18/13  | 2/1   |        |
| JA9CWJ   | 109,763 | 276 | 109 | SO-CW-HP  | 0/0  | 4/3   | 66/25  | 127/43 | 70/31  | 9/7   |        |
| JR3RIU   | 97,455  | 378 | 89  | SO-CW-HP  | 0/0  | 0/0   | 143/31 | 146/38 | 54/14  | 35/6  |        |
| JA1AYO   | 77,691  | 275 | 87  | SO-CW-HP  | 4/2  | 5/4   | 78/22  | 109/35 | 64/18  | 15/6  |        |
| 8J3ICOM  | 75,417  | 442 | 69  | SO-CW-LP  | 0/0  | 0/0   | 49/10  | 165/31 | 215/23 | 13/5  | JF3PLF |
| JA6ELV   | 66,127  | 208 | 89  | SO-CW-LP  | 0/0  | 3/2   | 39/22  | 117/43 | 42/17  | 7/5   |        |
| JF2FIU   | 57,600  | 313 | 75  | SO-CW-LP  | 16/3 | 54/9  | 100/19 | 76/23  | 55/15  | 12/6  |        |
| JA6FFK   | 52,206  | 196 | 77  | SO-CW-LP  | 3/3  | 2/2   | 54/20  | 106/35 | 21/10  | 10/7  |        |
| JO7KMB   | 49,678  | 288 | 59  | SO-CW-HP  | 0/0  | 0/0   | 0/0    | 288/59 | 0/0    | 0/0   |        |
| JH7IXX   | 35,340  | 218 | 62  | SO-CW-LP  | 0/0  | 22/7  | 79/22  | 99/26  | 18/7   | 0/0   |        |
| JR1NKN   | 31,903  | 201 | 61  | SO-CW-QRP | 0/0  | 2/2   | 51/15  | 75/25  | 41/12  | 32/7  |        |
| JA3HBF   | 30,031  | 171 | 59  | SO-CW-HP  | 0/0  | 28/7  | 27/13  | 65/24  | 28/9   | 23/6  |        |
| JA3DAY   | 24,072  | 120 | 59  | SO-CW-LP  | 0/0  | 0/0   | 0/0    | 94/40  | 21/15  | 5/4   |        |
| JQ2OUL   | 18,232  | 119 | 53  | SO-CW-LP  | 1/1  | 7/3   | 30/10  | 53/26  | 16/8   | 12/5  |        |
| JA2KKA   | 17,856  | 117 | 48  | SO-CW-LP  | 0/0  | 0/0   | 74/25  | 19/11  | 19/8   | 5/4   |        |
| JA4VNE   | 15,093  | 140 | 43  | SO-CW-HP  | 0/0  | 0/0   | 70/22  | 19/8   | 25/9   | 26/4  |        |
| JH8GEU   | 13,950  | 101 | 45  | SO-CW-HP  | 0/0  | 0/0   | 0/0    | 101/45 | 0/0    | 0/0   |        |
| JG3LGD   | 11,385  | 87  | 45  | SO-CW-HP  | 0/0  | 0/0   | 27/16  | 33/13  | 22/11  | 5/5   |        |
| JR1LEV   | 10,872  | 82  | 36  | SO-CW-LP  | 0/0  | 0/0   | 62/21  | 14/9   | 6/6    | 0/0   |        |
| JH1VIX   | 10,291  | 83  | 41  | SO-CW-LP  | 0/0  | 0/0   | 37/15  | 27/14  | 13/9   | 6/3   |        |
| JJ1VFE   | 10,044  | 73  | 36  | SO-CW-HP  | 0/0  | 0/0   | 56/21  | 11/10  | 6/5    | 0/0   |        |
| JJ1RSF   | 9,800   | 76  | 40  | SO-CW-LP  | 0/0  | 3/3   | 20/10  | 34/16  | 12/7   | 7/4   |        |
| JH3FUK   | 9,525   | 83  | 25  | SO-CW-HP  | 0/0  | 0/0   | 83/25  | 0/0    | 0/0    | 0/0   |        |
| JA2QVP   | 8,740   | 80  | 38  | SO-CW-LP  | 0/0  | 2/2   | 31/12  | 20/10  | 18/11  | 9/3   |        |
| JE1RRK   | 7,776   | 81  | 27  | SO-CW-LP  | 0/0  | 0/0   | 0/0    | 81/27  | 0/0    | 0/0   |        |
| JA3GZE/1 | 6,336   | 59  | 32  | SO-CW-LP  | 0/0  | 0/0   | 7/4    | 35/19  | 13/7   | 4/2   |        |

|          |       |     |    |          |     |      |       |       |       |       |        |
|----------|-------|-----|----|----------|-----|------|-------|-------|-------|-------|--------|
| JA2GHP   | 6,016 | 65  | 32 | SO-CW-LP | 0/0 | 0/0  | 0/0   | 44/19 | 19/11 | 2/2   |        |
| JHØEPI   | 5,934 | 64  | 23 | SO-CW-LP | 0/0 | 0/0  | 44/15 | 20/8  | 0/0   | 0/0   |        |
| JM7GTK   | 5,808 | 55  | 33 | SO-CW-LP | 1/1 | 1/1  | 30/12 | 12/10 | 7/5   | 4/4   |        |
| JN3NYR   | 5,790 | 55  | 30 | SO-CW-LP | 0/0 | 2/2  | 30/11 | 16/11 | 6/5   | 1/1   |        |
| JR1AQI   | 5,700 | 60  | 25 | SO-CW-LP | 0/0 | 0/0  | 0/0   | 60/25 | 0/0   | 0/0   |        |
| JAØBJY   | 5,616 | 58  | 26 | SO-CW-LP | 0/0 | 0/0  | 22/9  | 36/17 | 0/0   | 0/0   |        |
| JK1WSH   | 5,448 | 72  | 24 | SO-CW-HP | 0/0 | 0/0  | 0/0   | 72/24 | 0/0   | 0/0   |        |
| JG1TGQ   | 5,174 | 54  | 26 | SO-CW-HP | 0/0 | 0/0  | 30/11 | 10/5  | 10/7  | 4/3   |        |
| JA6FCL   | 5,160 | 51  | 30 | SO-CW-LP | 0/0 | 0/0  | 0/0   | 51/30 | 0/0   | 0/0   |        |
| JF1NZW   | 4,820 | 55  | 20 | SO-CW-HP | 0/0 | 0/0  | 55/20 | 0/0   | 0/0   | 0/0   |        |
| JA4ENY   | 4,077 | 58  | 27 | SO-CW-LP | 0/0 | 0/0  | 37/14 | 14/8  | 7/5   | 0/0   |        |
| JJ1LBJ   | 4,011 | 101 | 21 | SO-CW-LP | 0/0 | 0/0  | 1/1   | 1/1   | 1/1   | 98/18 |        |
| JJ2YDV   | 4,000 | 58  | 25 | SO-CW-LP | 0/0 | 0/0  | 25/10 | 0/0   | 29/12 | 4/3   | JS2PHO |
| JN7KRH   | 3,950 | 41  | 25 | SO-CW-LP | 0/0 | 0/0  | 14/6  | 25/17 | 0/0   | 2/2   |        |
| JL1CNY   | 3,910 | 51  | 23 | SO-CW-LP | 0/0 | 0/0  | 34/12 | 17/11 | 0/0   | 0/0   |        |
| JG6SRL   | 3,850 | 50  | 25 | SO-CW-LP | 0/0 | 0/0  | 38/18 | 11/6  | 1/1   | 0/0   |        |
| JHØZHQ   | 3,740 | 54  | 17 | SO-CW-HP | 0/0 | 0/0  | 54/17 | 0/0   | 0/0   | 0/0   | JH1GNU |
| JA8HBO   | 3,567 | 45  | 29 | SO-CW-LP | 0/0 | 0/0  | 5/5   | 32/17 | 8/7   | 0/0   |        |
| 7K1JFM   | 3,190 | 41  | 22 | SO-CW-LP | 0/0 | 0/0  | 26/12 | 15/10 | 0/0   | 0/0   |        |
| JA1UOA   | 3,151 | 42  | 23 | SO-CW-HP | 0/0 | 0/0  | 24/9  | 10/8  | 5/4   | 3/2   |        |
| JH9JFH   | 2,873 | 41  | 17 | SO-CW-LP | 0/0 | 0/0  | 41/17 | 0/0   | 0/0   | 0/0   |        |
| JM2LEI   | 2,784 | 35  | 24 | SO-CW-LP | 0/0 | 1/1  | 10/6  | 8/6   | 12/7  | 4/4   |        |
| JRØBQD   | 2,730 | 34  | 21 | SO-CW-LP | 0/0 | 0/0  | 32/19 | 0/0   | 0/0   | 2/2   |        |
| JH4CES   | 2,716 | 38  | 28 | SO-CW-LP | 2/2 | 14/5 | 11/11 | 6/5   | 3/3   | 2/2   |        |
| JR8QFG   | 2,352 | 34  | 21 | SO-CW-LP | 1/1 | 12/8 | 18/9  | 1/1   | 1/1   | 1/1   |        |
| JA1HOM   | 1,881 | 31  | 19 | SO-CW-LP | 0/0 | 3/3  | 28/16 | 0/0   | 0/0   | 0/0   |        |
| JA2OAW   | 1,725 | 29  | 15 | SO-CW-LP | 0/0 | 0/0  | 29/15 | 0/0   | 0/0   | 0/0   |        |
| JR1BVP   | 1,610 | 32  | 23 | SO-CW-LP | 4/2 | 6/3  | 5/4   | 7/7   | 5/5   | 5/2   |        |
| JA3AVO   | 1,360 | 24  | 17 | SO-CW-HP | 0/0 | 0/0  | 15/10 | 9/7   | 0/0   | 0/0   |        |
| JR2UBS   | 1,344 | 24  | 12 | SO-CW-HP | 0/0 | 0/0  | 24/12 | 0/0   | 0/0   | 0/0   |        |
| JA7ARW   | 1,215 | 27  | 15 | SO-CW-LP | 0/0 | 0/0  | 17/7  | 2/2   | 5/4   | 3/2   |        |
| JH1TJH   | 1,176 | 24  | 14 | SO-CW-LP | 0/0 | 0/0  | 14/6  | 10/8  | 0/0   | 0/0   |        |
| JG1BBD   | 1,014 | 22  | 13 | SO-CW-LP | 0/0 | 0/0  | 22/13 | 0/0   | 0/0   | 0/0   |        |
| JJ1BBN   | 768   | 20  | 16 | SO-CW-LP | 0/0 | 1/1  | 1/1   | 1/1   | 8/6   | 9/7   |        |
| JG5JXW   | 735   | 24  | 15 | SO-CW-LP | 0/0 | 0/0  | 18/9  | 5/5   | 1/1   | 0/0   |        |
| JR3NDM   | 560   | 17  | 14 | SO-CW-LP | 0/0 | 0/0  | 2/2   | 13/10 | 2/2   | 0/0   |        |
| JG1OGM   | 528   | 12  | 11 | SO-CW-HP | 0/0 | 0/0  | 6/6   | 5/4   | 1/1   | 0/0   |        |
| JJ3KDH   | 528   | 19  | 12 | SO-CW-LP | 0/0 | 0/0  | 0/0   | 0/0   | 11/7  | 8/5   |        |
| JRØGXA   | 517   | 15  | 11 | SO-CW-LP | 1/1 | 0/0  | 13/9  | 0/0   | 1/1   | 0/0   |        |
| JA3JND   | 450   | 15  | 10 | SO-CW-LP | 0/0 | 0/0  | 8/5   | 5/3   | 1/1   | 1/1   |        |
| JRØECQ   | 407   | 14  | 11 | SO-CW-LP | 0/0 | 1/1  | 10/7  | 2/2   | 1/1   | 0/0   |        |
| JA7AXP   | 385   | 55  | 7  | SO-CW-LP | 0/0 | 0/0  | 0/0   | 0/0   | 0/0   | 0/0   |        |
| JL2OGZ/2 | 352   | 15  | 11 | SO-CW-LP | 0/0 | 0/0  | 1/1   | 5/4   | 7/5   | 2/1   |        |
| JA3RAZ   | 304   | 17  | 8  | SO-CW-LP | 0/0 | 0/0  | 0/0   | 0/0   | 0/0   | 17/8  |        |

|          |         |       |     |             |     |       |        |        |        |       |        |
|----------|---------|-------|-----|-------------|-----|-------|--------|--------|--------|-------|--------|
| JK1DET   | 294     | 16    | 14  | SO-CW-LP    | 0/0 | 2/2   | 2/2    | 2/2    | 6/5    | 4/3   |        |
| JR3XEX   | 280     | 11    | 8   | SO-CW-LP    | 0/0 | 0/0   | 11/8   | 0/0    | 0/0    | 0/0   |        |
| JA5RB    | 272     | 12    | 8   | SO-CW-HP    | 0/0 | 0/0   | 0/0    | 7/4    | 3/3    | 2/1   |        |
| JA1LKY   | 248     | 15    | 8   | SO-CW-LP    | 0/0 | 0/0   | 0/0    | 0/0    | 15/8   | 0/0   |        |
| JH1WOY   | 224     | 10    | 7   | SO-CW-LP    | 0/0 | 0/0   | 7/4    | 3/3    | 0/0    | 0/0   |        |
| JA1GQC   | 210     | 12    | 6   | SO-CW-LP    | 0/0 | 0/0   | 0/0    | 12/6   | 0/0    | 0/0   |        |
| JI1FOE   | 210     | 12    | 6   | SO-CW-HP    | 0/0 | 0/0   | 0/0    | 12/6   | 0/0    | 0/0   |        |
| JO1DGE   | 186     | 9     | 6   | SO-CW-LP    | 1/1 | 0/0   | 8/5    | 0/0    | 0/0    | 0/0   |        |
| JE6TUP   | 138     | 7     | 6   | SO-CW-LP    | 0/0 | 0/0   | 2/2    | 1/1    | 3/2    | 1/1   |        |
| JH1UES   | 126     | 7     | 6   | SO-CW-LP    | 0/0 | 0/0   | 1/1    | 1/1    | 5/4    | 0/0   |        |
| JA9XAT   | 96      | 6     | 6   | SO-CW-LP    | 0/0 | 0/0   | 3/3    | 2/2    | 0/0    | 1/1   |        |
| JE1ILP   | 77      | 7     | 7   | SO-CW-QRP   | 1/1 | 0/0   | 1/1    | 3/3    | 2/2    | 0/0   |        |
| JK1LUY   | 39      | 3     | 3   | SO-CW-HP    | 0/0 | 0/0   | 0/0    | 3/3    | 0/0    | 0/0   |        |
| JR2AAN/2 | 24      | 4     | 4   | SO-CW-LP    | 0/0 | 0/0   | 0/0    | 0/0    | 4/4    | 0/0   |        |
| JF1GZZ   | 4       | 2     | 2   | SO-CW-LP    | 0/0 | 0/0   | 0/0    | 1/1    | 1/1    | 0/0   |        |
| JF1TEU   | 1       | 1     | 1   | SO-CW-LP    | 0/0 | 0/0   | 0/0    | 1/1    | 0/0    | 0/0   |        |
| JH4UTP   | 880,992 | 1,140 | 224 | SOU-MIX-HP  | 3/3 | 41/19 | 334/67 | 454/72 | 256/48 | 52/15 |        |
| JG7AMD   | 246,225 | 479   | 147 | SOU-MIX-HP  | 0/0 | 0/0   | 155/43 | 193/55 | 124/44 | 7/5   |        |
| JJØJML   | 213,035 | 479   | 137 | SOU-MIX-HP  | 0/0 | 12/8  | 133/35 | 248/58 | 73/30  | 13/6  |        |
| JA1BPA   | 69,148  | 194   | 118 | SOU-MIX-HP  | 0/0 | 1/1   | 16/12  | 112/66 | 56/33  | 9/6   |        |
| JM1NKT   | 60,630  | 221   | 86  | SOU-MIX-LP  | 8/3 | 29/12 | 59/22  | 78/28  | 39/15  | 8/6   |        |
| JG1LFR   | 56,525  | 222   | 85  | SOU-MIX-QRP | 2/2 | 18/7  | 76/27  | 69/28  | 37/14  | 20/7  |        |
| JJ3JL    | 39,195  | 210   | 65  | SOU-MIX-HP  | 2/2 | 1/1   | 124/24 | 61/26  | 17/8   | 5/4   |        |
| JF9JTS   | 37,526  | 187   | 58  | SOU-MIX-HP  | 0/0 | 1/1   | 12/6   | 140/34 | 29/14  | 5/3   | JAØTEA |
| JI1HFJ   | 29,172  | 132   | 68  | SOU-MIX-LP  | 1/1 | 7/6   | 64/26  | 28/19  | 14/9   | 18/7  |        |
| JHØROS/1 | 25,245  | 151   | 55  | SOU-MIX-LP  | 1/1 | 1/1   | 77/27  | 48/16  | 14/7   | 10/3  |        |
| JA6GMC   | 24,357  | 133   | 69  | SOU-MIX-HP  | 0/0 | 5/5   | 24/14  | 29/13  | 47/24  | 28/13 |        |
| JI1FLB   | 22,098  | 146   | 58  | SOU-MIX-LP  | 0/0 | 2/2   | 24/9   | 68/30  | 32/11  | 20/6  |        |
| 7K4VPV   | 22,000  | 134   | 50  | SOU-MIX-HP  | 0/0 | 0/0   | 46/15  | 55/19  | 23/10  | 10/6  |        |
| 7L3PFH   | 19,604  | 104   | 58  | SOU-MIX-QRP | 0/0 | 0/0   | 55/30  | 33/19  | 13/7   | 3/2   |        |
| JR2ALA   | 16,588  | 110   | 44  | SOU-MIX-LP  | 0/0 | 1/1   | 61/20  | 45/20  | 3/3    | 0/0   |        |
| JA1UII   | 14,616  | 86    | 56  | SOU-MIX-LP  | 0/0 | 1/1   | 22/10  | 31/23  | 26/18  | 6/4   |        |
| JF1RYU   | 11,970  | 85    | 45  | SOU-MIX-LP  | 0/0 | 0/0   | 18/11  | 48/21  | 10/9   | 9/4   |        |
| JR1BAS   | 5,160   | 50    | 24  | SOU-MIX-HP  | 0/0 | 6/4   | 38/16  | 4/3    | 0/0    | 2/1   |        |
| JH1APK   | 3,780   | 42    | 30  | SOU-MIX-HP  | 0/0 | 9/6   | 18/13  | 15/11  | 0/0    | 0/0   |        |
| JI2IXA   | 754     | 18    | 13  | SOU-MIX-LP  | 0/0 | 0/0   | 16/11  | 2/2    | 0/0    | 0/0   |        |
| JH8SGR   | 405     | 15    | 9   | SOU-MIX-HP  | 0/0 | 0/0   | 0/0    | 0/0    | 0/0    | 15/9  |        |
| JQ1PCT   | 270     | 13    | 10  | SOU-MIX-LP  | 0/0 | 1/1   | 7/5    | 2/1    | 2/2    | 1/1   |        |
| JE6PJP   | 154     | 8     | 7   | SOU-MIX-LP  | 0/0 | 0/0   | 4/3    | 0/0    | 3/3    | 1/1   |        |
| JR4VEV   | 140     | 12    | 7   | SOU-MIX-HP  | 1/1 | 1/1   | 2/1    | 4/2    | 2/1    | 2/1   |        |
| JH5MXB   | 7,446   | 74    | 34  | SOU-PH-HP   | 0/0 | 0/0   | 0/0    | 74/34  | 0/0    | 0/0   |        |
| JA8TGD   | 1,577   | 26    | 19  | SOU-PH-HP   | 0/0 | 0/0   | 0/0    | 25/18  | 1/1    | 0/0   |        |
| JA1LNZ   | 1,430   | 31    | 13  | SOU-PH-HP   | 0/0 | 0/0   | 31/13  | 0/0    | 0/0    | 0/0   |        |
| JN3MXT   | 205     | 13    | 5   | SOU-PH-HP   | 0/0 | 0/0   | 0/0    | 13/5   | 0/0    | 0/0   |        |

|            |           |       |       |            |      |       |        |        |        |       |                                        |
|------------|-----------|-------|-------|------------|------|-------|--------|--------|--------|-------|----------------------------------------|
| JH1EAQ     | 327,520   | 620   | 160   | SOU-CW-LP  | 0/0  | 16/7  | 218/50 | 234/61 | 114/32 | 38/10 |                                        |
| JE1LFX     | 287,550   | 508   | 162   | SOU-CW-HP  | 1/1  | 6/6   | 206/57 | 210/65 | 71/24  | 14/9  |                                        |
| JE1NVD     | 231,768   | 453   | 148   | SOU-CW-HP  | 0/0  | 14/7  | 138/41 | 178/59 | 103/33 | 20/8  |                                        |
| JF2VAX     | 130,572   | 341   | 117   | SOU-CW-LP  | 0/0  | 14/8  | 118/33 | 154/49 | 48/21  | 7/6   |                                        |
| JHØNEC     | 120,555   | 392   | 95    | SOU-CW-LP  | 0/0  | 7/4   | 38/15  | 209/44 | 101/25 | 37/7  |                                        |
| JA2HYD     | 112,746   | 281   | 114   | SOU-CW-HP  | 0/0  | 8/6   | 105/41 | 106/40 | 51/21  | 11/6  |                                        |
| JG6JAV     | 78,012    | 306   | 99    | SOU-CW-LP  | 0/0  | 19/7  | 150/41 | 51/27  | 62/20  | 24/4  |                                        |
| JA5NSR     | 73,336    | 223   | 103   | SOU-CW-HP  | 0/0  | 17/6  | 109/45 | 61/31  | 32/17  | 4/4   |                                        |
| JH1CTV     | 70,056    | 286   | 84    | SOU-CW-HP  | 0/0  | 17/8  | 173/43 | 34/13  | 45/14  | 17/6  |                                        |
| JR2AWS     | 68,112    | 268   | 86    | SOU-CW-HP  | 5/3  | 36/12 | 97/28  | 82/27  | 41/12  | 7/4   |                                        |
| JF1LMB     | 46,620    | 177   | 74    | SOU-CW-HP  | 0/0  | 2/2   | 72/27  | 71/28  | 24/13  | 8/4   |                                        |
| JG1EIQ     | 43,200    | 193   | 72    | SOU-CW-LP  | 0/0  | 8/3   | 39/15  | 83/31  | 40/17  | 23/6  |                                        |
| JH7RTQ     | 37,520    | 171   | 67    | SOU-CW-LP  | 0/0  | 0/0   | 0/0    | 85/34  | 80/29  | 6/4   |                                        |
| JA6BZI     | 34,020    | 154   | 63    | SOU-CW-HP  | 0/0  | 0/0   | 0/0    | 154/63 | 0/0    | 0/0   |                                        |
| JA3VOV     | 28,158    | 185   | 57    | SOU-CW-HP  | 3/2  | 6/2   | 57/15  | 74/23  | 34/11  | 11/4  |                                        |
| JA5IVG     | 18,130    | 128   | 49    | SOU-CW-QRP | 0/0  | 0/0   | 56/18  | 48/20  | 21/8   | 3/3   |                                        |
| JHØILL     | 11,104    | 106   | 32    | SOU-CW-HP  | 0/0  | 0/0   | 106/32 | 0/0    | 0/0    | 0/0   |                                        |
| JF1MIA     | 10,120    | 131   | 40    | SOU-CW-LP  | 0/0  | 0/0   | 23/12  | 31/12  | 49/10  | 28/6  |                                        |
| JM2LHB     | 9,960     | 87    | 40    | SOU-CW-LP  | 0/0  | 0/0   | 15/7   | 52/20  | 18/11  | 2/2   |                                        |
| JJ2QXI     | 9,800     | 90    | 35    | SOU-CW-LP  | 0/0  | 0/0   | 64/18  | 12/7   | 10/7   | 4/3   |                                        |
| JN1MSO     | 9,080     | 107   | 40    | SOU-CW-QRP | 0/0  | 7/2   | 23/9   | 37/13  | 31/12  | 9/4   |                                        |
| JA7CPW     | 7,668     | 71    | 27    | SOU-CW-HP  | 0/0  | 0/0   | 69/25  | 2/2    | 0/0    | 0/0   |                                        |
| JM1VDM     | 3,451     | 50    | 17    | SOU-CW-LP  | 0/0  | 0/0   | 0/0    | 50/17  | 0/0    | 0/0   |                                        |
| JA7GYP     | 3,014     | 38    | 22    | SOU-CW-HP  | 0/0  | 0/0   | 0/0    | 38/22  | 0/0    | 0/0   |                                        |
| 7K4AEA     | 1,050     | 23    | 14    | SOU-CW-HP  | 0/0  | 0/0   | 0/0    | 23/14  | 0/0    | 0/0   |                                        |
| JK7DWD     | 484       | 22    | 22    | SOU-CW-LP  | 0/0  | 0/0   | 4/4    | 15/15  | 2/2    | 1/1   |                                        |
| JA1KEB     | 198       | 9     | 6     | SOU-CW-QRP | 0/0  | 0/0   | 9/6    | 0/0    | 0/0    | 0/0   |                                        |
| JG1GOY     | 150       | 9     | 5     | SOU-CW-QRP | 0/0  | 0/0   | 0/0    | 0/0    | 9/5    | 0/0   |                                        |
| JA1SKM     | 24        | 4     | 4     | SOU-CW-HP  | 0/0  | 0/0   | 1/1    | 2/2    | 1/1    | 0/0   |                                        |
| JA7ZFN     | 1,018,549 | 1,228 | 227   | MSHP       | 7/3  | 48/15 | 402/63 | 470/77 | 249/52 | 52/17 | JG7PSJ, JH7XMO, JP7DKQ                 |
| JE4YMO     | 357,714   | 720   | 167   | MSHP       | 11/3 | 20/4  | 161/54 | 284/56 | 184/39 | 60/11 | JM4MGM, JN4MIV, JN4MMO, JP3PKA, JR4OZR |
| JL3ZHU     | 8,288     | 94    | 37    | MSHP       | 0/0  | 0/0   | 37/14  | 42/13  | 14/9   | 1/1   | JL3RDC, JP3PZG                         |
|            |           |       |       |            |      |       |        |        |        |       |                                        |
| Ogasawara  |           |       |       |            |      |       |        |        |        |       |                                        |
| JD1BIA     | 310       | 12    | 10    | SO-MIX-LP  | 0/0  | 0/0   | 12/10  | 0/0    | 0/0    | 0/0   |                                        |
|            |           |       |       |            |      |       |        |        |        |       |                                        |
| Call       | Score     | QSOs  | Mults | Category   | 160  | 80    | 40     | 20     | 15     | 10    | Operator(s) and/or Host                |
| Zone 46    |           |       |       |            |      |       |        |        |        |       |                                        |
|            |           |       |       |            |      |       |        |        |        |       |                                        |
| Cape Verde |           |       |       |            |      |       |        |        |        |       |                                        |
| D4Z        | 260,644   | 816   | 68    | SOU-MIX-HP | 0/0  | 0/0   | 0/0    | 816/68 | 0/0    | 0/0   | IK2NCJ                                 |
|            |           |       |       |            |      |       |        |        |        |       |                                        |
| Mauritania |           |       |       |            |      |       |        |        |        |       |                                        |
| 5T5PA      | 135,239   | 330   | 101   | SOU-MIX-HP | 0/0  | 2/2   | 175/35 | 89/28  | 27/19  | 37/17 |                                        |

|             |         |      |       |            |     |      |        |        |       |      |                         |
|-------------|---------|------|-------|------------|-----|------|--------|--------|-------|------|-------------------------|
|             |         |      |       |            |     |      |        |        |       |      |                         |
| Senegal     |         |      |       |            |     |      |        |        |       |      |                         |
| 6W1SU       | 3,287   | 45   | 19    | SO-PH-HP   | 0/0 | 0/0  | 0/0    | 45/19  | 0/0   | 0/0  |                         |
|             |         |      |       |            |     |      |        |        |       |      |                         |
| Call        | Score   | QSOs | Mults | Category   | 160 | 80   | 40     | 20     | 15    | 10   | Operator(s) and/or Host |
| Zone 49     |         |      |       |            |     |      |        |        |       |      |                         |
|             |         |      |       |            |     |      |        |        |       |      |                         |
| Cambodia    |         |      |       |            |     |      |        |        |       |      |                         |
| XU7AKJ      | 0       | 0    | 0     | SO-PH-LP   | 0/0 | 0/0  | 0/0    | 0/0    | 0/0   | 0/0  |                         |
|             |         |      |       |            |     |      |        |        |       |      |                         |
| Thailand    |         |      |       |            |     |      |        |        |       |      |                         |
| E2ØYLM      | 33,879  | 147  | 69    | SO-MIX-LP  | 0/0 | 2/2  | 30/14  | 80/32  | 29/15 | 6/6  |                         |
| E2ØNGF      | 34,398  | 171  | 63    | SO-PH-LP   | 0/0 | 1/1  | 60/19  | 74/27  | 19/11 | 17/5 |                         |
| E2ØZFD      | 2,288   | 39   | 22    | SO-PH-LP   | 0/0 | 0/0  | 10/4   | 24/14  | 5/4   | 0/0  |                         |
| E2ØWUE      | 40,320  | 193  | 63    | SOU-MIX-HP | 0/0 | 0/0  | 24/16  | 148/32 | 16/12 | 5/3  |                         |
| HS7JEN      | 1,392   | 31   | 16    | SOU-MIX-LP | 0/0 | 0/0  | 14/8   | 17/8   | 0/0   | 0/0  |                         |
| E21YDP      | 94,940  | 291  | 94    | SOU-CW-LP  | 0/0 | 0/0  | 35/17  | 168/46 | 88/31 | 0/0  |                         |
| HS8HEX      | 12,456  | 100  | 36    | SOU-CW-LP  | 0/0 | 1/1  | 52/17  | 47/18  | 0/0   | 0/0  |                         |
| HS8JKY      | 1,050   | 24   | 15    | SOU-CW-LP  | 0/0 | 1/1  | 10/6   | 11/6   | 2/2   | 0/0  |                         |
|             |         |      |       |            |     |      |        |        |       |      |                         |
| Call        | Score   | QSOs | Mults | Category   | 160 | 80   | 40     | 20     | 15    | 10   | Operator(s) and/or Host |
| Zone 50     |         |      |       |            |     |      |        |        |       |      |                         |
|             |         |      |       |            |     |      |        |        |       |      |                         |
| Philippines |         |      |       |            |     |      |        |        |       |      |                         |
| 4E1A        | 109,032 | 345  | 77    | SO-MIX-LP  | 0/0 | 15/8 | 115/24 | 172/35 | 43/10 | 0/0  | 4E1ADW                  |
| DU1VGX      | 4,136   | 55   | 22    | SO-MIX-LP  | 0/0 | 0/0  | 36/14  | 19/8   | 0/0   | 0/0  |                         |
| 4F7FLO      | 1,562   | 48   | 11    | SO-MIX-HP  | 0/0 | 0/0  | 47/10  | 1/1    | 0/0   | 0/0  |                         |
| 4F3FSK      | 135     | 9    | 5     | SO-MIX-HP  | 0/0 | 1/1  | 2/2    | 6/2    | 0/0   | 0/0  |                         |
| DU1RB       | 29,348  | 166  | 44    | SO-PH-HP   | 0/0 | 0/0  | 22/14  | 141/27 | 3/3   | 0/0  |                         |
| DV1YAI      | 11,960  | 144  | 23    | SO-PH-LP   | 0/0 | 0/0  | 144/23 | 0/0    | 0/0   | 0/0  |                         |
| DX1ER       | 2,880   | 70   | 10    | SO-PH-HP   | 0/0 | 0/0  | 0/0    | 70/10  | 0/0   | 0/0  |                         |
| DU1LAV      | 1,196   | 31   | 13    | SO-PH-LP   | 0/0 | 0/0  | 31/13  | 0/0    | 0/0   | 0/0  |                         |
| DW1PCX      | 979     | 28   | 11    | SO-PH-LP   | 0/0 | 0/0  | 28/11  | 0/0    | 0/0   | 0/0  |                         |
| 4I1BNC      | 888     | 26   | 12    | SO-PH-LP   | 0/0 | 0/0  | 26/12  | 0/0    | 0/0   | 0/0  |                         |
| DU9WTZ      | 845     | 20   | 13    | SO-PH-LP   | 0/0 | 0/0  | 0/0    | 0/0    | 20/13 | 0/0  |                         |
| DX7EVM      | 690     | 18   | 15    | SO-PH-QRP  | 0/0 | 0/0  | 10/9   | 0/0    | 8/6   | 0/0  | DU7OK                   |
| DU1AVC      | 520     | 14   | 10    | SO-PH-LP   | 0/0 | 0/0  | 0/0    | 14/10  | 0/0   | 0/0  |                         |
| DV1UUU      | 413     | 17   | 7     | SO-PH-LP   | 0/0 | 0/0  | 17/7   | 0/0    | 0/0   | 0/0  |                         |
| DU4JT       | 266     | 12   | 7     | SO-PH-QRP  | 0/0 | 0/0  | 0/0    | 12/7   | 0/0   | 0/0  |                         |
| DV1KWM      | 204     | 14   | 6     | SO-PH-LP   | 0/0 | 0/0  | 14/6   | 0/0    | 0/0   | 0/0  |                         |
| DU1DA       | 176     | 10   | 8     | SO-PH-LP   | 0/0 | 0/0  | 10/8   | 0/0    | 0/0   | 0/0  |                         |
| 4I1BII      | 150     | 11   | 6     | SO-PH-LP   | 0/0 | 0/0  | 11/6   | 0/0    | 0/0   | 0/0  |                         |
| 4I1LCP      | 60      | 14   | 2     | SO-PH-LP   | 0/0 | 0/0  | 14/2   | 0/0    | 0/0   | 0/0  |                         |
| DU1WBX      | 7,038   | 78   | 23    | SO-CW-LP   | 0/0 | 0/0  | 70/19  | 8/4    | 0/0   | 0/0  |                         |

[illegible]

|                   |         |       |     |            |     |       |        |        |        |      |        |
|-------------------|---------|-------|-----|------------|-----|-------|--------|--------|--------|------|--------|
|                   |         |       |     |            |     |       |        |        |        |      |        |
| Brunei Darussalam |         |       |     |            |     |       |        |        |        |      |        |
| V85T              | 3,145   | 47    | 17  | SO-MIX-LP  | 0/0 | 0/0   | 9/7    | 38/10  | 0/0    | 0/0  |        |
|                   |         |       |     |            |     |       |        |        |        |      |        |
| East Malaysia     |         |       |     |            |     |       |        |        |        |      |        |
| 9M6NA             | 815,256 | 1,145 | 156 | SO-MIX-HP  | 2/2 | 22/14 | 539/65 | 422/48 | 130/19 | 30/8 |        |
| 9M6MI             | 24,000  | 180   | 30  | SO-MIX-HP  | 0/0 | 0/0   | 6/3    | 121/20 | 52/6   | 1/1  | 9M6ZAE |
| 9M8DEN            | 429     | 17    | 11  | SO-MIX-LP  | 0/0 | 0/0   | 15/9   | 2/2    | 0/0    | 0/0  |        |
| 9W6AJA            | 1,365   | 49    | 13  | SO-PH-LP   | 0/0 | 0/0   | 49/13  | 0/0    | 0/0    | 0/0  |        |
| 9W6PJM            | 1,040   | 43    | 13  | SO-PH-LP   | 0/0 | 0/0   | 43/13  | 0/0    | 0/0    | 0/0  |        |
| 9W8ZZK            | 260     | 44    | 5   | SO-PH-LP   | 0/0 | 0/0   | 44/5   | 0/0    | 0/0    | 0/0  |        |
| 9M8YY             | 492,060 | 897   | 118 | SO-CW-HP   | 0/0 | 0/0   | 246/39 | 471/46 | 162/27 | 18/6 | JR3WXA |
|                   |         |       |     |            |     |       |        |        |        |      |        |
| Indonesia         |         |       |     |            |     |       |        |        |        |      |        |
| YC4HQ             | 56,496  | 300   | 44  | SO-MIX-HP  | 0/0 | 0/0   | 188/17 | 111/26 | 1/1    | 0/0  |        |
| YB8RW             | 51,650  | 257   | 50  | SO-MIX-LP  | 0/0 | 0/0   | 114/27 | 140/22 | 3/1    | 0/0  |        |
| YB1TJ             | 38,592  | 160   | 72  | SO-MIX-LP  | 0/0 | 0/0   | 64/31  | 92/37  | 4/4    | 0/0  |        |
| YC9ATS            | 14,490  | 149   | 30  | SO-MIX-HP  | 0/0 | 0/0   | 149/30 | 0/0    | 0/0    | 0/0  |        |
| YC9FAR            | 11,088  | 85    | 33  | SO-MIX-LP  | 0/0 | 0/0   | 4/3    | 6/4    | 75/26  | 0/0  |        |
| YBØNSI            | 6,660   | 66    | 30  | SO-MIX-LP  | 0/0 | 0/0   | 22/12  | 42/16  | 2/2    | 0/0  |        |
| YBØANN            | 3,696   | 49    | 21  | SO-MIX-QRP | 0/0 | 0/0   | 14/5   | 34/15  | 1/1    | 0/0  |        |
| YC8UYJ            | 1,296   | 30    | 18  | SO-MIX-LP  | 0/0 | 0/0   | 20/10  | 10/8   | 0/0    | 0/0  |        |
| YCØET             | 744     | 34    | 12  | SO-MIX-LP  | 0/0 | 0/0   | 34/12  | 0/0    | 0/0    | 0/0  |        |
| YC7FQA            | 66      | 14    | 3   | SO-MIX-LP  | 0/0 | 0/0   | 14/3   | 0/0    | 0/0    | 0/0  |        |
| YB7OO             | 30,081  | 230   | 37  | SO-PH-HP   | 0/0 | 0/0   | 230/37 | 0/0    | 0/0    | 0/0  |        |
| YB2MM             | 26,402  | 150   | 43  | SO-PH-LP   | 0/0 | 0/0   | 0/0    | 150/43 | 0/0    | 0/0  |        |
| YF7SPN            | 18,018  | 165   | 39  | SO-PH-LP   | 0/0 | 0/0   | 165/39 | 0/0    | 0/0    | 0/0  |        |
| YB4FIK            | 10,944  | 122   | 32  | SO-PH-HP   | 0/0 | 0/0   | 102/18 | 20/14  | 0/0    | 0/0  |        |
| YD2ELT            | 6,913   | 118   | 31  | SO-PH-LP   | 0/0 | 0/0   | 118/31 | 0/0    | 0/0    | 0/0  |        |
| YB8UTI            | 5,664   | 97    | 24  | SO-PH-LP   | 0/0 | 0/0   | 72/10  | 24/13  | 1/1    | 0/0  |        |
| YB2BNN            | 4,050   | 66    | 27  | SO-PH-HP   | 0/0 | 1/1   | 36/12  | 29/14  | 0/0    | 0/0  |        |
| YB2TS             | 3,128   | 47    | 23  | SO-PH-HP   | 0/0 | 1/1   | 25/9   | 21/13  | 0/0    | 0/0  |        |
| YB4NY             | 3,014   | 82    | 22  | SO-PH-LP   | 0/0 | 0/0   | 65/11  | 17/11  | 0/0    | 0/0  |        |
| YD7SAL            | 1,980   | 68    | 18  | SO-PH-LP   | 0/0 | 0/0   | 68/18  | 0/0    | 0/0    | 0/0  |        |
| YC1WCK            | 1,496   | 43    | 17  | SO-PH-LP   | 0/0 | 0/0   | 43/17  | 0/0    | 0/0    | 0/0  |        |
| YB8UM             | 1,332   | 31    | 18  | SO-PH-LP   | 0/0 | 0/0   | 24/13  | 7/5    | 0/0    | 0/0  |        |
| YC1HLT            | 1,106   | 43    | 14  | SO-PH-LP   | 0/0 | 0/0   | 43/14  | 0/0    | 0/0    | 0/0  |        |
| YB2CAA            | 972     | 36    | 12  | SO-PH-LP   | 0/0 | 0/0   | 28/7   | 8/5    | 0/0    | 0/0  |        |
| YD8CPZ            | 869     | 48    | 11  | SO-PH-LP   | 0/0 | 0/0   | 48/11  | 0/0    | 0/0    | 0/0  |        |
| YB7CCP            | 680     | 51    | 10  | SO-PH-LP   | 0/0 | 0/0   | 51/10  | 0/0    | 0/0    | 0/0  |        |
| YF3CZW            | 627     | 45    | 11  | SO-PH-LP   | 0/0 | 0/0   | 45/11  | 0/0    | 0/0    | 0/0  |        |
| YC1APR            | 608     | 24    | 16  | SO-PH-QRP  | 0/0 | 0/0   | 17/9   | 7/7    | 0/0    | 0/0  |        |
| YF3DBH            | 598     | 29    | 13  | SO-PH-LP   | 0/0 | 0/0   | 29/13  | 0/0    | 0/0    | 0/0  |        |
| YB8SB             | 550     | 21    | 11  | SO-PH-LP   | 0/0 | 0/0   | 11/5   | 10/6   | 0/0    | 0/0  |        |

|               |         |     |     |            |     |      |        |        |      |     |                                                                    |
|---------------|---------|-----|-----|------------|-----|------|--------|--------|------|-----|--------------------------------------------------------------------|
| YC7DDU        | 550     | 21  | 11  | SO-PH-LP   | 0/0 | 0/0  | 21/11  | 0/0    | 0/0  | 0/0 |                                                                    |
| YD2DOP        | 550     | 31  | 10  | SO-PH-LP   | 0/0 | 0/0  | 31/10  | 0/0    | 0/0  | 0/0 |                                                                    |
| YDØSCZ        | 480     | 23  | 10  | SO-PH-LP   | 0/0 | 0/0  | 23/10  | 0/0    | 0/0  | 0/0 |                                                                    |
| YC3GER        | 350     | 16  | 10  | SO-PH-LP   | 0/0 | 0/0  | 16/10  | 0/0    | 0/0  | 0/0 |                                                                    |
| YC8EJ         | 312     | 19  | 8   | SO-PH-LP   | 0/0 | 0/0  | 0/0    | 19/8   | 0/0  | 0/0 |                                                                    |
| YG8DX         | 290     | 46  | 5   | SO-PH-LP   | 0/0 | 0/0  | 46/5   | 0/0    | 0/0  | 0/0 |                                                                    |
| YB3BAR        | 245     | 20  | 7   | SO-PH-LP   | 0/0 | 0/0  | 20/7   | 0/0    | 0/0  | 0/0 |                                                                    |
| YC7OCS        | 198     | 28  | 6   | SO-PH-QRP  | 0/0 | 0/0  | 28/6   | 0/0    | 0/0  | 0/0 |                                                                    |
| YG9EKR        | 133     | 7   | 7   | SO-PH-LP   | 0/0 | 0/0  | 7/7    | 0/0    | 0/0  | 0/0 |                                                                    |
| YB7XYO        | 104     | 20  | 4   | SO-PH-LP   | 0/0 | 0/0  | 20/4   | 0/0    | 0/0  | 0/0 |                                                                    |
| YC6UAF        | 102     | 9   | 6   | SO-PH-LP   | 0/0 | 0/0  | 9/6    | 0/0    | 0/0  | 0/0 |                                                                    |
| YD2DSV        | 100     | 25  | 4   | SO-PH-LP   | 0/0 | 0/0  | 25/4   | 0/0    | 0/0  | 0/0 |                                                                    |
| YC3IMS        | 96      | 20  | 3   | SO-PH-LP   | 0/0 | 0/0  | 20/3   | 0/0    | 0/0  | 0/0 |                                                                    |
| YF3DGO        | 96      | 33  | 3   | SO-PH-QRP  | 0/0 | 0/0  | 33/3   | 0/0    | 0/0  | 0/0 |                                                                    |
| YCØODC        | 84      | 41  | 2   | SO-PH-LP   | 0/0 | 0/0  | 41/2   | 0/0    | 0/0  | 0/0 |                                                                    |
| YD7BEB        | 84      | 11  | 4   | SO-PH-LP   | 0/0 | 0/0  | 11/4   | 0/0    | 0/0  | 0/0 |                                                                    |
| YD2KJC        | 72      | 21  | 3   | SO-PH-LP   | 0/0 | 0/0  | 21/3   | 0/0    | 0/0  | 0/0 |                                                                    |
| YC7MD         | 60      | 20  | 3   | SO-PH-LP   | 0/0 | 0/0  | 20/3   | 0/0    | 0/0  | 0/0 |                                                                    |
| YG8HYV        | 32      | 9   | 4   | SO-PH-LP   | 0/0 | 0/0  | 9/4    | 0/0    | 0/0  | 0/0 |                                                                    |
| YC8FXI        | 26      | 9   | 2   | SO-PH-LP   | 0/0 | 0/0  | 9/2    | 0/0    | 0/0  | 0/0 |                                                                    |
| YD7VPZ        | 15      | 6   | 3   | SO-PH-LP   | 0/0 | 0/0  | 6/3    | 0/0    | 0/0  | 0/0 |                                                                    |
| YC2CPQ        | 8       | 2   | 2   | SO-PH-QRP  | 0/0 | 0/0  | 2/2    | 0/0    | 0/0  | 0/0 |                                                                    |
| YD7UVB        | 2       | 2   | 1   | SO-PH-LP   | 0/0 | 0/0  | 2/1    | 0/0    | 0/0  | 0/0 |                                                                    |
| YD7YFP        | 2       | 2   | 1   | SO-PH-LP   | 0/0 | 0/0  | 2/1    | 0/0    | 0/0  | 0/0 |                                                                    |
| YB2GV         | 1,590   | 39  | 10  | SO-CW-LP   | 0/0 | 0/0  | 39/10  | 0/0    | 0/0  | 0/0 |                                                                    |
| YCØBAS        | 900     | 23  | 12  | SO-CW-LP   | 0/0 | 0/0  | 0/0    | 23/12  | 0/0  | 0/0 |                                                                    |
| YB2WA         | 729     | 21  | 9   | SO-CW-LP   | 0/0 | 0/0  | 21/9   | 0/0    | 0/0  | 0/0 |                                                                    |
| YC3DXG        | 245     | 16  | 7   | SO-CW-LP   | 0/0 | 0/0  | 7/2    | 8/4    | 1/1  | 0/0 |                                                                    |
| YF3FBV        | 24      | 7   | 3   | SO-CW-HP   | 0/0 | 0/0  | 0/0    | 7/3    | 0/0  | 0/0 |                                                                    |
| YB3IZK        | 16,132  | 132 | 37  | SOU-MIX-LP | 0/0 | 0/0  | 0/0    | 132/37 | 0/0  | 0/0 |                                                                    |
| YF3BWY        | 12,825  | 149 | 27  | SOU-PH-HP  | 0/0 | 0/0  | 149/27 | 0/0    | 0/0  | 0/0 |                                                                    |
| YB1TQL        | 9,180   | 96  | 36  | SOU-PH-LP  | 0/0 | 0/0  | 39/12  | 57/24  | 0/0  | 0/0 |                                                                    |
| YBØFYA        | 161     | 15  | 7   | SOU-PH-HP  | 0/0 | 0/0  | 15/7   | 0/0    | 0/0  | 0/0 |                                                                    |
| YE3WIL        | 108     | 16  | 6   | SOU-PH-LP  | 0/0 | 0/0  | 16/6   | 0/0    | 0/0  | 0/0 |                                                                    |
| YC2VOC        | 560     | 16  | 10  | SOU-CW-QRP | 0/0 | 0/0  | 3/3    | 13/7   | 0/0  | 0/0 |                                                                    |
| YB1P          | 93,808  | 312 | 82  | MSHP       | 0/0 | 0/0  | 183/42 | 128/39 | 1/1  | 0/0 | YB1AM, YB1AR, YB1BD, YB1EGP, YB1PEF, YC1CWO, YC1NMT, YC1PSI, YE1AR |
|               |         |     |     |            |     |      |        |        |      |     |                                                                    |
| Singapore     |         |     |     |            |     |      |        |        |      |     |                                                                    |
| 9V1YC         | 312,720 | 700 | 120 | SO-CW-HP   | 0/0 | 11/9 | 330/51 | 348/52 | 11/8 | 0/0 |                                                                    |
|               |         |     |     |            |     |      |        |        |      |     |                                                                    |
| West Malaysia |         |     |     |            |     |      |        |        |      |     |                                                                    |
| 9M2TDX        | 6,250   | 81  | 25  | SO-MIX-QRP | 0/0 | 0/0  | 31/8   | 50/17  | 0/0  | 0/0 |                                                                    |
| 9M2MSL        | 2,793   | 47  | 19  | SO-MIX-HP  | 0/0 | 0/0  | 0/0    | 47/19  | 0/0  | 0/0 |                                                                    |

[illegible]

|             |           |       |       |            |     |        |        |        |       |     |                                           |
|-------------|-----------|-------|-------|------------|-----|--------|--------|--------|-------|-----|-------------------------------------------|
| ZS2NF       | 13,725    | 83    | 45    | SO-MIX-LP  | 0/0 | 14/8   | 6/5    | 58/27  | 5/5   | 0/0 |                                           |
| ZS6ELI      | -6        | 3     | 3     | SO-PH-LP   | 0/0 | 0/0    | 0/0    | 3/3    | 0/0   | 0/0 |                                           |
| ZR2A/4      | 734,825   | 933   | 175   | SO-CW-HP   | 9/8 | 251/41 | 281/45 | 304/53 | 87/27 | 1/1 |                                           |
|             |           |       |       |            |     |        |        |        |       |     |                                           |
| Call        | Score     | QSOs  | Mults | Category   | 160 | 80     | 40     | 20     | 15    | 10  | Operator(s) and/or Host                   |
| Zone 58     |           |       |       |            |     |        |        |        |       |     |                                           |
|             |           |       |       |            |     |        |        |        |       |     |                                           |
| Australia   |           |       |       |            |     |        |        |        |       |     |                                           |
| VK6WX       | 2,756     | 32    | 26    | SO-CW-HP   | 0/0 | 0/0    | 23/19  | 7/5    | 2/2   | 0/0 |                                           |
| VK6NC       | 86,480    | 263   | 94    | MSHP       | 0/0 | 0/0    | 167/51 | 87/40  | 9/3   | 0/0 | VK6SJ, VK6WX                              |
|             |           |       |       |            |     |        |        |        |       |     |                                           |
| Call        | Score     | QSOs  | Mults | Category   | 160 | 80     | 40     | 20     | 15    | 10  | Operator(s) and/or Host                   |
| Zone 59     |           |       |       |            |     |        |        |        |       |     |                                           |
|             |           |       |       |            |     |        |        |        |       |     |                                           |
| Australia   |           |       |       |            |     |        |        |        |       |     |                                           |
| VK4SP       | 1,728     | 27    | 16    | SO-MIX-LP  | 0/0 | 0/0    | 7/4    | 20/12  | 0/0   | 0/0 |                                           |
| VK2KS       | 742       | 19    | 14    | SO-MIX-HP  | 0/0 | 0/0    | 0/0    | 19/14  | 0/0   | 0/0 |                                           |
| VK2CZ       | 7,208     | 60    | 34    | SO-PH-HP   | 0/0 | 0/0    | 30/17  | 30/17  | 0/0   | 0/0 |                                           |
| VK2TTL      | 408       | 13    | 8     | SO-PH-LP   | 0/0 | 0/0    | 11/6   | 2/2    | 0/0   | 0/0 |                                           |
| VK5ZZ       | 216       | 9     | 8     | SO-PH-HP   | 0/0 | 0/0    | 4/3    | 5/5    | 0/0   | 0/0 |                                           |
| VK2OP       | 20        | 2     | 2     | SO-PH-LP   | 0/0 | 0/0    | 0/0    | 2/2    | 0/0   | 0/0 |                                           |
| VK7DW       | 4         | 2     | 2     | SO-PH-LP   | 0/0 | 0/0    | 2/2    | 0/0    | 0/0   | 0/0 |                                           |
| VK2GR       | 146,940   | 411   | 79    | SO-CW-HP   | 0/0 | 16/9   | 154/30 | 235/37 | 6/3   | 0/0 |                                           |
| VK2ALR      | 44,772    | 203   | 52    | SO-CW-HP   | 0/0 | 4/3    | 158/33 | 41/16  | 0/0   | 0/0 |                                           |
| VK7BO       | 21,338    | 110   | 47    | SO-CW-HP   | 0/0 | 4/4    | 67/26  | 39/17  | 0/0   | 0/0 |                                           |
| VK3TZ       | 1,600     | 24    | 16    | SO-CW-HP   | 0/0 | 0/0    | 15/10  | 9/6    | 0/0   | 0/0 |                                           |
| VK3GK       | 7,291     | 72    | 23    | SOU-MIX-HP | 0/0 | 6/4    | 66/19  | 0/0    | 0/0   | 0/0 |                                           |
| VK5GR       | 4,420     | 44    | 26    | SOU-MIX-HP | 0/0 | 0/0    | 23/13  | 21/13  | 0/0   | 0/0 |                                           |
| VK7CW       | 2,064     | 37    | 12    | SOU-MIX-HP | 0/0 | 0/0    | 2/2    | 35/10  | 0/0   | 0/0 |                                           |
| VK3VT       | 1,920     | 29    | 16    | SOU-MIX-LP | 0/0 | 0/0    | 18/8   | 11/8   | 0/0   | 0/0 |                                           |
| VK5ARG      | 188,336   | 554   | 79    | MSHP       | 0/0 | 0/0    | 313/50 | 241/29 | 0/0   | 0/0 | VK5CP, VK5IR, VK5IX, VK5KX, VK5QI, VK5ZQV |
|             |           |       |       |            |     |        |        |        |       |     |                                           |
| Call        | Score     | QSOs  | Mults | Category   | 160 | 80     | 40     | 20     | 15    | 10  | Operator(s) and/or Host                   |
| Zone 60     |           |       |       |            |     |        |        |        |       |     |                                           |
|             |           |       |       |            |     |        |        |        |       |     |                                           |
| New Zealand |           |       |       |            |     |        |        |        |       |     |                                           |
| ZL1VV       | 490       | 17    | 7     | SO-PH-LP   | 0/0 | 0/0    | 0/0    | 17/7   | 0/0   | 0/0 |                                           |
| ZM1A        | 1,050,896 | 1,456 | 154   | SO-CW-HP   | 0/0 | 128/24 | 620/62 | 618/48 | 89/19 | 1/1 | ZL3CW                                     |
| ZL2RX       | 7,791     | 92    | 21    | SO-CW-HP   | 0/0 | 0/0    | 0/0    | 92/21  | 0/0   | 0/0 |                                           |
| ZL4YY       | 120       | 8     | 5     | SO-CW-LP   | 0/0 | 0/0    | 6/3    | 2/2    | 0/0   | 0/0 |                                           |
| ZM4G        | 105,644   | 258   | 98    | SOU-CW-HP  | 0/0 | 7/7    | 65/34  | 148/37 | 36/18 | 2/2 | ZL2IFB                                    |
| ZM1M        | 22,704    | 151   | 33    | SOU-CW-HP  | 0/0 | 5/5    | 0/0    | 146/28 | 0/0   | 0/0 |                                           |
|             |           |       |       |            |     |        |        |        |       |     |                                           |
| Call        | Score     | QSOs  | Mults | Category   | 160 | 80     | 40     | 20     | 15    | 10  | Operator(s) and/or Host                   |

|                  |           |       |       |            |      |       |        |          |        |     |                         |
|------------------|-----------|-------|-------|------------|------|-------|--------|----------|--------|-----|-------------------------|
| Zone 61          |           |       |       |            |      |       |        |          |        |     |                         |
| Hawaii           |           |       |       |            |      |       |        |          |        |     |                         |
| KH7XS            | 2,183,874 | 2,777 | 163   | SO-MIX-HP  | 12/7 | 82/13 | 636/39 | 1,760/68 | 285/34 | 2/2 | K4XS                    |
| KH6HT            | 390       | 16    | 5     | SO-PH-LP   | 0/0  | 0/0   | 0/0    | 16/5     | 0/0    | 0/0 |                         |
| WH6BOB           | 165       | 11    | 3     | SO-PH-LP   | 0/0  | 0/0   | 0/0    | 11/3     | 0/0    | 0/0 |                         |
| KH6/W6QU         | 93        | 7     | 3     | SO-PH-QRP  | 0/0  | 0/0   | 0/0    | 7/3      | 0/0    | 0/0 | W8QZA                   |
| WH7M             | 865,032   | 1,363 | 133   | SO-CW-HP   | 5/4  | 85/19 | 427/35 | 574/48   | 269/25 | 3/2 | K1YR                    |
| KH6TU            | 427,759   | 885   | 103   | SO-CW-HP   | 9/4  | 46/14 | 339/31 | 444/42   | 40/10  | 7/2 | AD6E                    |
| KH6CJJ           | 205,321   | 559   | 79    | SO-CW-LP   | 5/4  | 51/14 | 126/20 | 327/32   | 48/8   | 2/1 |                         |
| KH6FHI           | 1,638     | 35    | 13    | SO-CW-HP   | 0/0  | 3/2   | 30/10  | 2/1      | 0/0    | 0/0 |                         |
| NH7U             | 30        | 3     | 2     | SO-CW-HP   | 0/0  | 0/0   | 3/2    | 0/0      | 0/0    | 0/0 |                         |
| NH6Y             | 15,540    | 161   | 21    | SOU-MIX-HP | 0/0  | 0/0   | 0/0    | 158/18   | 3/3    | 0/0 |                         |
| WH6FAM           | 235       | 11    | 5     | SOU-PH-LP  | 0/0  | 0/0   | 2/1    | 9/4      | 0/0    | 0/0 |                         |
| Call             | Score     | QSOs  | Mults | Category   | 160  | 80    | 40     | 20       | 15     | 10  | Operator(s) and/or Host |
| Zone 64          |           |       |       |            |      |       |        |          |        |     |                         |
| Guam             |           |       |       |            |      |       |        |          |        |     |                         |
| NH2DX            | 84,252    | 277   | 68    | SOU-CW-HP  | 0/0  | 0/0   | 0/0    | 217/47   | 60/21  | 0/0 | KG6DX                   |
| Call             | Score     | QSOs  | Mults | Category   | 160  | 80    | 40     | 20       | 15     | 10  | Operator(s) and/or Host |
| Zone 65          |           |       |       |            |      |       |        |          |        |     |                         |
| Marshall Islands |           |       |       |            |      |       |        |          |        |     |                         |
| V73NS            | 18,252    | 145   | 27    | SO-CW-LP   | 0/0  | 34/12 | 0/0    | 111/15   | 0/0    | 0/0 |                         |

Checklogs: AC2OC, AG5S, AI6Z, BD7NWZ, BH4SKP, CT5GOJ, DG3RAP, DG8OBN, DH1PAL, DK0PO, DK0WK, DK3GG, DK6YA, DL2BUM, DL2DXA, DL4ZBY, DL5JAG, DL5KVV, DL5MK, DL5WS, DL6JV, DL7ULF, DL8CA, DL8USA, DL9GCG, DM3A, DM4JK, E74SL, EA1NL, EA1SB, EA3GBA, EA5AER, EA5KY, EA7LU, EA8CNR, EA8KC, EB7KA, EC5EA, F5USK, GW4W, HG1G, IK0YUT, IK2MMM, IU2CVS, IW2MZX, JA1DM, JA1JLP, JA3JM, JI1TBQ, JI1HHJ, JT1CD, K8YC, KB4HAI, KF4WLS, LA9OI, LY6A, LZ1JZ, LZ2HR, M0CLH, M6OXO, NY0T, OK1FDY, OK1MP, OK1NYD, OK2PAY, OK2ZV, OK4FF, OK7RJ, OM2ACM, OM2CS, ON7AR, OO9O, OZ6GH, PA0WYS, PD0PSX, PP2RON, PP6ZZ, PT9DX, PY1NP, R6YY, RA1QX, RA6YDX, RU3YAA, SD0T, SN5W, SP1FRC, SP2CWO, SP2FAV, SP2FMN, SP2MHD, SP2SWI, SP2ZFT, SP3BTK, SP3CJS, SP3LAU, SP3OKS, SP4GDC, SP5BWO, SP5DL, SP5GDY, SP5OXJ, SP5PBE, SP5SSB, SP6CDP, SP6GBP, SP6JUD, SP6NZ, SP6TRX, SP73VOT, SP7CVW, SP7EWL, SP7JJE, SP7JLH, SP7MOQ, SP7PGK, SP7TF, SP8FNA, SP8PRL, SP9BCH, SP9CRJ, SP9CVY, SP9PRO, SP9RPW, SQ4NR, SQ5M, SQ5RTI, SQ5TA, SQ8L, SQ9OGD, UA0CA, UA4AAC, UA4LL, UA6CT, UN6G, UN8PT, UR4LTX, UR7EZ, UT3UCP, UW7CN, UY2ZZ, VA3ZNW, W6YA, W9BLF, YL2VW, YO2KHK, YO3CVG, YO3IPR, YO3LW, YO4MM, YO5ODT, YT7TA, Z33B, ZL1TM.