# Results of the 1992 CQ World-Wide DX CW Contest

BY LARRY BROCKMAN*, N6AR/4, AND BOB COX**, K3EST/6

What a fantastic surprise the 1992 CQ WW DX CW Contest turned out to be! The specter of declining sunspots loomed over all of us ominously, yet in the end, old sol came through with some of the finest propagation ever for the CW section, almost on a par with the SSB section. In some areas all six bands were open at the same time, making it difficult to choose an operating pattern. Those who mastered this wonderful predicament were richly rewarded with record-breaking efforts and some milestone performance achievements, specifically, 19 new records in all for the record books.

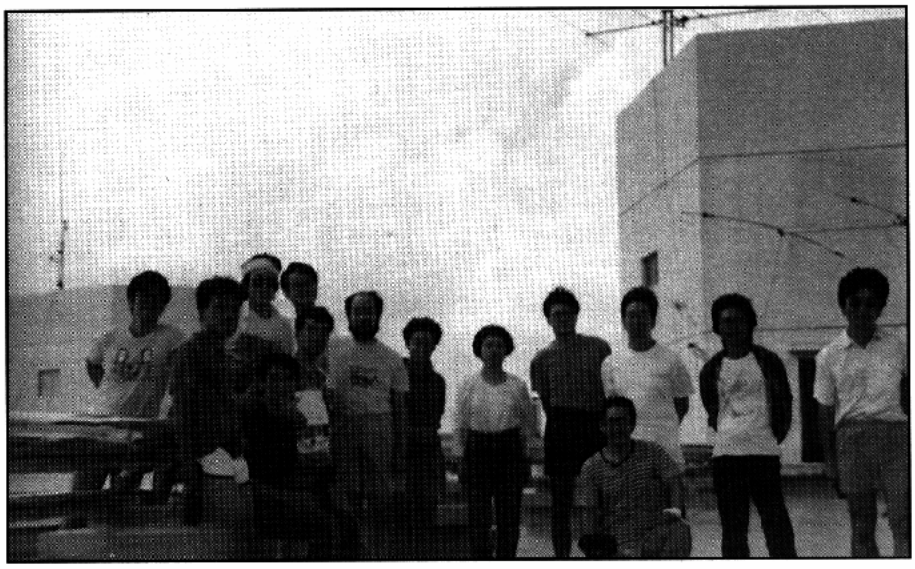
Some of the most significant achievements do not necessarily pop out of the tables and listings, though. We therefore will spend a few moments up front pointing them out.

The first area of achievement of note is multiplier mastery. Five-band DXCC has finally been achieved from the USA in a single weekend! John Dorr, K1AR, accompanied by K1EA, K1GQ, K1MM, K1MEM, and W1RM, logged 107, 141, 156, 154, and 136 countries on 80 through 10, respectively, for the first 5 Band DXCC ever in a weekend from the USA. This matches the first-time effort by 1991 Multi-Single entrant RZ1A, a feat almost matched this year by the Multi-Single team at IQ4A, which missed the fifth band, 80 meters, by just two countries. We quickly researched our records, and we believe that 5 Band DXCC has never been achieved before by a single operator entry either. Well, this year it was done by N6AR. Of course, 8 of the 10 top Assisted entrants also did it this year as well.

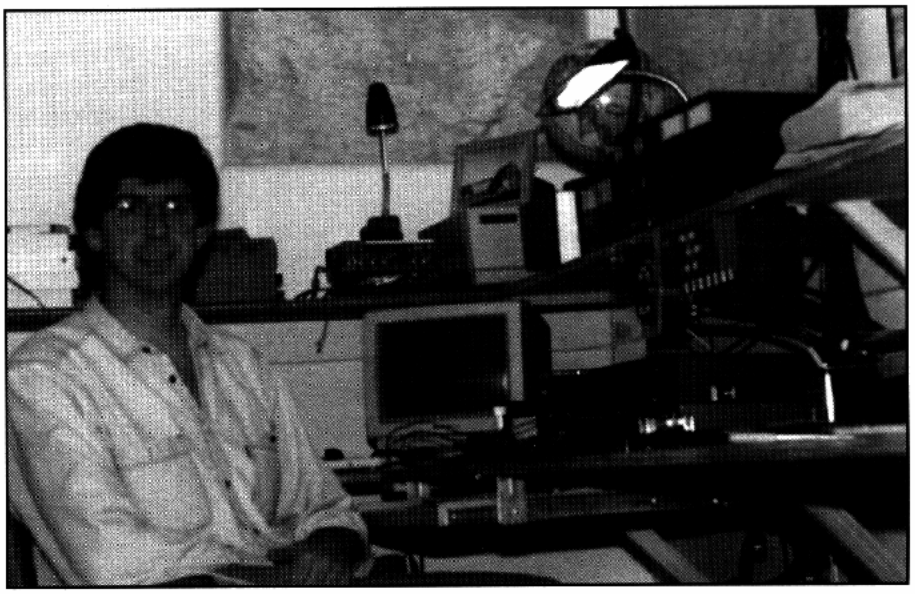
The second set of notable achievements is in the "clean log" category. For the last three years the CQ Contest Committee has done some extensive checking with our computerized data base. This year there were 333 participants whose logs were entered into the data base—most of the top logs in all of the categories plus a number of others. This represents over 658,000 contacts with 51,000 different calls, of which 20,000 were common to more than one entrant. From this data base we discovered that the mean rate of unique contacts in the top Single Operator, All Band logs was just 3.4% (with 1.9% standard deviation) for the non-US contingent. For the top US All Band logs, the mean unique rate was just 2.8% (with a 2.1% standard deviation). The unique rate for World and US top entrants where the unique calls were just one character from a matching call in the data base was 2.7% (1.61% SD) and 2.2% (1.5% SD), respectively. These mean rates show that uniques are down significantly from the last several years. Could be we've been getting everyone's attention!

Much has been said at Dayton and in the *National Contest Journal* about the relevance of uniques and one off matching calls as a measure of logging accuracy in the last couple of years. However, the committee has been spot cross-checking uniques found in our logs, and the data shows that well over half of the uniques are, indeed, bad calls! So if you have a low unique rate, you probably have a very clean log. If not, well . . .

This year we would like to honor the "cleanest logs" submitted in the contest using the unique criteria. For the US entrants, the most outstanding competitive submittal was by Dave Sumner, K1ZZ. Dave had an incredible .2% unique rate, yet finished in the top 10 in the USA. With over 2300 contacts logged, Dave's uniques boiled down to just 5 calls! This compares to others in the top 10 who had 200



*Here's the KHØAM team on top of the Saipan Diamond Hotel, complete with their two YL operators and antennas. Congratulations on a new Oceania Multi-Multi record!*



*VD2ZP, sported this fine station to finish in the top 10 worldwide in the Low Power category.*

*12041 Walker Pond Rd., Winter Garden, FL 34787
**1816 Poplar Lane, Davis, CA 95616

## TROPHY WINNERS AND DONORS

### SINGLE OPERATOR, ALL BAND

**World**
**EA8EA** (Opr. Ville Hillesmaa, OH2MM)
**Donor:** Albert Kahn, K4FW
W9IOP Memorial

**World Single Operator Assisted**
**Thomas J. Lee, K8AZ**
**Donor:** Richard Newell, AK1A

**World QRPp**
**Henry T. Rand, Jr., AA2U**
**Donor:** Gene Walsh, N2AA

**U.S.A.**
**N4RJ** (Opr. Bill Fisher, KM9P)
**Donor:** Frankford Radio Club

**Canada**
**John Sluymer, VE3EJ**
**Donor:** Canadian DX Association

**Caribean/Central America**
**8P9Z** (Opr. John T. Laney III, K4BAI)
**Donor:** Larry Brockman, N6AR

**Europe**
**Tine Brajnik, S52AA**
**Donor:** Edward Bissell, W3AU

**Africa**
**EA9LZ** (Opr. Phil Goetz, N6ZZ)
**Donor:** Gordon Marshall, W6RR

**Asia**
**JY8VJ** (Opr. Bernd Laenger, DL1VJ)
**Donor:** Japan CQ Publishing Company Ltd.

**Japan**
**Shigeyuki Hasegawa, JHØKHR**
**Donor:** Japan Crazy CQ Contesters

**Oceania**
**9M6NA** (Opr. Saty Nakamura, JE1JKL)
**Donor**: Maui Amateur Radio Club

**South America**
**HC8N** (Opr. Trey Garlough, WN4KKN)
**Donor:** Venezuela DX Club

### SINGLE OPERATOR, SINGLE BAND

**World—28 MHz**
**D68GA** (Opr. Don Jones, N6ZV)
**Donor:** Joel Chalmers, KG6DX

**World—21 MHz**
**CR3W** (Opr. Manfred Loos, DF5UL)
**Donor:** Don Busick, K5AAD
N5JJ Memorial

**World—14 MHz**
**FY5YE** (Opr. Arno Martin, OH7XM)
**Donor:** North Jersey DX Association
W2JT Memorial

**World—7 MHz**
**PJ9U** (Opr. Seppo Sisatto, OH1VR)
**Donor:** Alex M. Kasevich, VP2MM/W4

**World—3.5 MHz**
**Jeff Briggs, K1ZM**
**Donor:** Fred Capossela, K6SSS

**World—1.8 MHz**
**Riki Kline, 4X4NJ**
**Donor:** Kenneth Byers, Jr., K4TEA

**USA—28 MHz**
**Joel Rubenstein, KA5W**
**Donor:** Robert Clark, K6JYO

**USA—21 MHz**
**Dave Donnelly, K2SS/1**
**Donor:** Wayne Caroll, W4MPY

**USA—14 MHz**
**John Yodis, K2VV**
**Donor:** Northern Illinois DX Association

**USA—7 MHz**
**Paul Obert, K8PO/1**
**Donor:** Jan Perkins, N6AW
W6AM Memorial

**USA—3.5 MHz**
**Jeff Bouvier, K1IU**
**Donor:** N7BG and AA7FM

**USA—1.8 MHz**
**William Gioia, K2EK**
**Donor:** Peter Hutter, WW2Y

**Canada**
**VE6JY** (Opr. Joel Weiner, VE6WQ)
**Donor:** Canadian Amateur Radio Federation

**Caribbean/Central America**
**ZF2TG** (Opr. George Benoit, WQ5W)
**Donor:** Thomas Wall, K2TW

**Europe—28 MHz**
**Jeff D. Morris, 9H1EL**
**Donor:** Southern New England DX Assn.

**Europe—21 MHz**
**OH2BH** (Opr. Pasi Luomo Aho, OH6UM)
**Donor:** Robert Naumann, KR2J

**Europe—14 MHz**
**Erkki Korhonen, OH4NRC**
**Donor:** Maud Slater
G3FXB Memorial

**Europe—1.8 MHz**
**John Devoldere, ON4UN**
**Donor:** John Crovelli, W2GD

**Japan—21 MHz**
**Tadao Katsuta, JH7DNO**
**Donor:** DX Family Foundation

### MULTI-OPERATOR SINGLE TRANSMITTER

**World**
**ZC4Z** (Ops. G3SXW, GM3YTS, K5VT, K7GE, KC7V, N7BG)
**Donor:** Anthony Susen, W3AOH

**USA**
**N3RS** (Ops. N3RS, N3RD, N3ED, WA3LRO, NW3B)
**Donor:** Douglas Zwiebel, KR2Q

**Canada**
**VD7SV** (Ops. VE7AGC, VE7AHA, VE7CT, VE7VR, VE7CC, VE7SV, VE7XR)
**Donor:** Eastern Canadian DX Association
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**Caribbean/Central America**
**K3TEJ/KP4** (Ops. K3TEJ, WA3WSJ, W8HNI)
**Donor:** Ralph Bellas, Jr., K9ZO

**Europe**
**IQ4A** (Ops. I4EAT, I4ICT, I4IKW, I4IND, I4LCK, I4TJE, IK4DCT, IK4EWK)
**Donor:** Friends of K3AO
K3AO Memorial

**Oceania**
**KH2S** (Ops. JA8RUZ, JF3EIG, JH4RHF, JHØUSD, JI3ERV, JI3OPA, JJ1JMC, JR4DUW, JR4ISF, JR4PMX, JR7MZC, JRØBQD, KH2D)
**Donor:** Junichi Tanaka, JH4RHF

### MULTI-OPERATOR MULTI-TRANSMITTER

**World**
**EA9EA** (Ops. EA1AK, EA4BB, EA4KA, EA4KR, EA5RS, EA7PN, EA7TL, EA7CEZ, EA7GZJ, EA9EO, EA9GK, EA9TY)
**Donor:** Hazard Reeves, K2GL Memorial

**World—SSB/CW Combined**
**9A1A** (41,416,918 )
**Donor:** Ehrhorn Techological Operations

**USA**
**K1AR** (Ops. K1AR, K1EA, K1GQ, K1MM, K1MEM, W1RM)
**Donor:** Bob Ferrero, W6RJ
N6RJ Memorial

**Europe**
**9A1A** (Ops. 9A2SD, 9A2PA, 9A2MP, 9A2RA, 9A3FI, 9A2YW, 9A2NO, 9A2CT, 9A2QS, 9A2EU, 9A2HO, 9A2NJ, 9A2AW, 9A2OS, 9A2MY, 9A2NJ, 9A2DQ, 9A2MM, 9A2OH, 9A6ABX, 9A3GW)
**Donor:** Finnish Amateur Radio League

**Japan**
**JA3ZOH** (Ops. JE3MAS, JF3DRI, JG3KIV, JG3ODG, JH4IFF)
**Donor:** CQ Magazine

### CONTEST EXPEDITIONS

**World, Single Operator**
**P4ØW** (Opr. John Crovelli, W2GD)
**Donor:** Yankee Clipper Contest Club

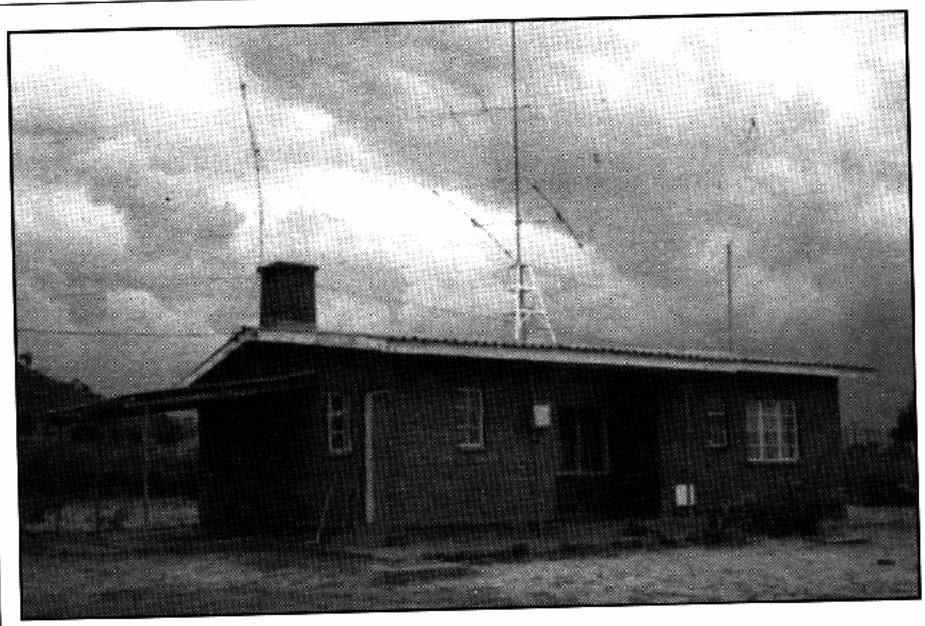
**World—Multi-Operator**
**KHØAM** (Ops. JE1CKA, JI1QPU, JK1GRI, JP1OGL, 7K1PTT, AHØK, JE2JCV, JK2PNY, JL2TZC, JA7RHJ, JE7BIZ, JR7OMD, JA9SSY, JA9VDA)
**Donor:** Bill Schneider, K2TT

### SPECIAL SINGLE OPERATOR AWARDS

**World—All Band Most QSOs**
**HC8N** (Opr. Trey Garlough, WN4KKN)
**6028 QSOs**
**Donor:** 14270 kHz Group
KV4AA Memorial

**CLUB**
**World, Combined SSB/CW**
**Frankford Radio Club** (389,564,535)
**Donor:** CQ Magazine
W1WY Memorial

**Non-USA—Combined SSB/CW**
**Rhein-Ruhr DX Association** (99,148,797)
**Donor:** Northern California Contest Club
N6AUV Memorial



*7Q7XX 's QTH, good enough for top worldwide in the Low Power category.*

uniques out of 3000 contacts, most of which were calls that closely matched other calls in our data base. Honorable mention goes to W1KM and K8GL, who were in the vicinity of .9% uniques. Great performances, guys.

For the DX entrants, the "cleanest log" honors go jointly to Ville, EA8EA, and John, 8P9Z, both of whom were in the region of a .9% unique rate. These statistics are just mind-boggling when you consider that both EA8EA and 8P9Z were in the top four in contact totals in their categories, with over 5000 contacts each.

Now, let's get to the results proper.

## Single Operator, All Band

Ville, OH2MM, operating at EA8EA, led the pack this year with 11.97 million, shy of his 1991 World record, but well ahead of second-place challenger Trey (WN4KKN) at HC8N, and John (W2GD) at P4ØW. It was the US competition that was particularly heated this year, as three stations smashed the old 1989 mark set by Randy (K5ZD) at K3TUP. Bill Fisher (KM9P), guest operating at Val, N4RJ's station, made 5.85 million and squeaked by Andy, N2NT (5.7M) and Bob (KQ2M) at KM1H (5.67M). It was the multipliers that made the difference for Bill, with Andy concentrating on the contact total. In fact, Bill had almost 100 more multipliers this year than the previous record holder, K3TUP.

This year we have included a new table with the results summarizing the top 5 performances in the Single Operator, All Band categories for all six continents by score, multiplier total, and contact total. Note how the continental leaders EA8EA (Africa), JY8VJ (Asia), S52AA (Europe), 9M6NA (Oceania), and HC8N (South America) show balance between multipliers and contacts, the mark of the true expert.

Our compliments to Trey, HC8N, on toppling John, P4ØW's 1991 South American record, with John fighting valiantly to retain the prize. Also, we can't help but comment on the fine improvement by Bernd, JY8VJ (operated by DL1VJ), who improved his score by a couple of million on his way to a new Asian record. Hats off to Tine, S52AA, who won both in SSB and CW for Europe. Last, Shig, JHØKHR, is the proud owner of a new Japanese record in the All Band category; JA is a tough location for the CQ WW.

For the popular Low Power category, 7Q7XX amassed 3.25 million to lead the pack worldwide, while N8II (2.0M) stole the show in the USA. Henry, AA2U, ended up as QRP kingpin for the US and the World with a fine 1.19 million, besting his own US record of 1990. That's a lot of hunting and pecking!

Speaking of power categories, we kept track this year, and for what it is worth, 55% of all US single operator entries were high power, 41% were low power, and 4% were QRP. For the DX, the trend is just the reverse—30% were high power, 64% were low power, and 6% were QRP. From the letters and comments we got with the logs, we know how the Low Power category is growing in popularity. The VKs, VUs, JAs, and others have commented on how they appreciate the opportunity to compete with others on an equal footing when they are limited to low power by their license. To alleviate problems with your power entry being misinterpreted, please mark your entries clearly as to low power, with no more than 100 watts output power. Note that there are no power categories in the Assisted or Multi-Op categories. Your directors do their best to pick up the right category on the logs, but with thousands of logs to process, we sometimes have a problem finding the call on the logs much less the power category. We actually had to do a couple of crosschecks on one log this year to find out what the entrants call was!

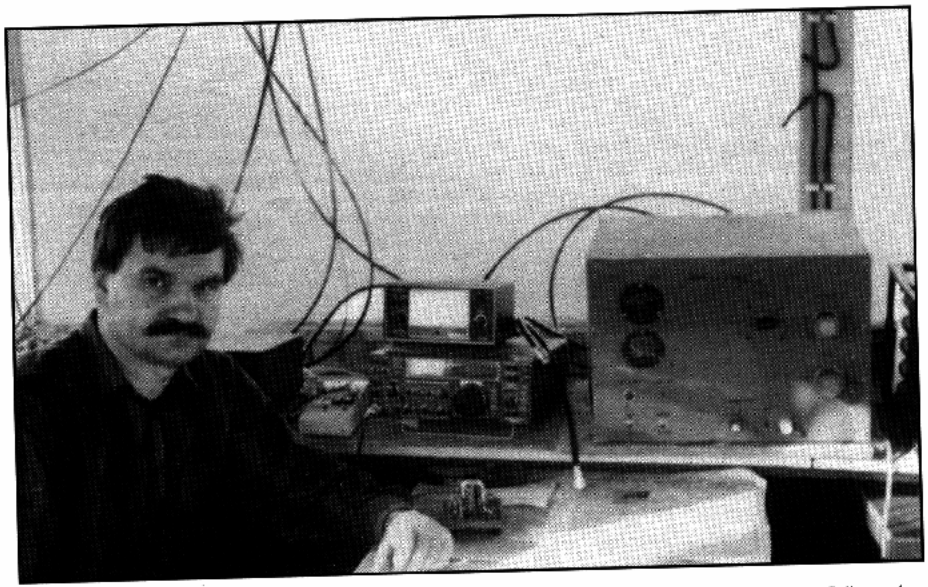
## Single Band Categories

As we mentioned earlier, good propagation was observed on all bands this year, making the Single Band categories ripe for record-level performances from the high bands to the very low bands.

On 28 MHz the World high slot went to CXØCW (CX8BBH operating) with 1.8 million, just shy of his own 1990 record. USA top honors went to Joel, KA5W, who led a close pack of W's with 464K. 9H1EL topped the Europeans with 794K, a new European record. Congratulations to Don Jones, N6ZV, whose fine 1.28 million set an African record on that band and was second worldwide this year. Don sent in a blockbuster SSB log from D68GA last year, but it arrived just a few days before our publication deadline, too late for us to include it in the results. We're glad Don got things in early this year. Our hats are off to 5NØZKJ, WB4TDH, and ON4RU for great Low Power performances on 10 meters.

Manfred, DF5UL, took top World honors on 15 meters and set a new African record with 1.65 million at CR3W. Dave Donnelly's K2SS/1 entry won it for the Stateside boys with 691K. The Low Power winners were 8P9DF (523K) and N4MO (345K). Congratulations for super efforts with just 100 watts!

Meanwhile, as John Yodis commented in the



*YU7AV sent along this photo of his station complete with homebrew 2000 watt PEP linear!*



Say You Saw It In CQ

# TOP SCORES

## WORLD

### SINGLE-OPERATOR HIGH POWER All Band

| | |
|---|---|
| EA8EA | 11,966,372 |
| HC8N | 10,773,628 |
| P40W | 9,554,775 |
| 8P9Z | 8,047,212 |
| JY8VJ | 8,031,168 |
| 9Y4H | 7,960,980 |
| EA9LZ | 7,901,415 |
| 6V6U | 7,760,740 |
| D44BC | 7,755,895 |
| P40I | 7,214,236 |

#### 28 MHz

| | |
|---|---|
| CX0CW | 1,818,656 |
| D68GA | 1,281,660 |
| P40X | 1,174,032 |
| CX5BW | 988,410 |
| XR3A | 982,500 |
| A22MN | 812,413 |
| 9H1EL | 794,846 |

#### 21 MHz

| | |
|---|---|
| CR3W | 1,652,170 |
| ZD8LII | 1,560,405 |
| 9Y4VU | 1,087,804 |
| FM2GO | 997,600 |
| J33A | 930,340 |
| OH2BH | 757,520 |

#### 14 MHz

| | |
|---|---|
| FY5YE | 1,331,307 |
| 7L1GVE | 1,181,937 |
| TU4SR | 1,164,934 |
| 4M5X | 1,145,087 |
| RZ9UA | 949,780 |
| K2VV | 943,920 |

#### 7 MHz

| | |
|---|---|
| PJ9U | 1,171,864 |
| ZF2IG | 1,087,862 |
| S59UN | 971,049 |
| K8PO | 821,473 |
| 4N1Z | 802,536 |
| W7XR | 794,992 |

#### 3.5 MHz

| | |
|---|---|
| K1ZM | 416,160 |
| G3KDB | 360,822 |
| OE3GSA | 359,915 |
| CT3FN | 344,698 |
| K1IU | 315,826 |
| SN3A | 297,815 |

#### 1.8 MHz

| | |
|---|---|
| 4X4NJ | 150,880 |
| ON4UN | 118,772 |
| 9A1HCD | 82,904 |
| ON7TK | 81,470 |
| UA9AT | 60,984 |
| UF6QBA | 57,664 |

### LOW POWER All Band

| | |
|---|---|
| 7Q7XX | 3,257,128 |
| C6AHJ | 2,716,862 |
| 9V1YC | 2,679,948 |
| NP2I | 2,349,901 |
| VD2ZP | 2,346,096 |
| OG6NIO | 2,296,625 |
| N8II | 2,008,982 |
| W2TZ | 1,986,240 |
| 5Z4TT | 2,014,530 |
| OA4ZV | 1,954,555 |

#### 28 MHz

| | |
|---|---|
| 5NØZKJ | 597,624 |
| H27W | 568,624 |
| ON4RU | 464,758 |
| JH2QXG/2 | 334,866 |
| G3KHZ | 319,340 |
| CX4SS | 261,000 |

#### 21 MHz

| | |
|---|---|
| 8P9DF | 522,750 |
| S57DZD | 347,060 |
| N4MO | 345,693 |
| U5WF | 315,980 |
| KH6XT | 298,860 |
| SP5JTR | 244,180 |

#### 14 MHz

| | |
|---|---|
| 4M5X | 1,145,087 |
| 7Q7TA | 206,752 |
| YL2GN | 174,960 |
| PAØLVB | 138,300 |
| PA3ELD | 125,742 |
| JF6OJX | 119,840 |

#### 7 MHz

| | |
|---|---|
| VK6LW | 533,696 |
| JH7PKU | 513,110 |
| F1MXH | 266,772 |
| LZ6L | 245,481 |
| LZ1ZX | 245,480 |
| JA1LZR | 171,212 |

#### 3.5 MHz

| | |
|---|---|
| UV3WU | 91,605 |
| OK1DUG | 89,440 |
| LY2BIP | 79,242 |
| S59ZZ | 75,594 |
| OK3CND | 66,994 |
| UB5PCU | 65,190 |

#### 1.8 MHz

| | |
|---|---|
| T32AF | 49,210 |
| SP5ZIM | 37,027 |
| OG3MMF | 30,745 |
| OH1KF | 22,176 |
| PAØVDV | 18,411 |
| SM6OLL | 18,368 |

### MULTI-OPERATOR SINGLE TRANSMITTER

| | |
|---|---|
| ZC4Z | 11,091,918 |
| IQ4A | 9,197,700 |
| LZ9A | 8,859,468 |
| N3RS | 8,585,380 |
| K1KI | 8,207,816 |
| UW2F | 8,049,966 |

### MULTI-OPERATOR MULTI-TRANSMITTER

| | |
|---|---|
| EA9EA | 30,038,639 |
| KHØAM | 23,951,385 |
| K1AR | 19,473,615 |
| 9A1A | 18,450,820 |
| N2RM | 18,408,663 |

## EUROPE

### SINGLE-OPERATOR HIGH POWER All Band

| | |
|---|---|
| S52AA | 5,195,440 |
| G4BUO | 3,983,382 |
| EA6ZY | 3,946,019 |
| YU7AV | 3,709,604 |
| G3MXJ | 3,270,278 |
| YT1AD | 3,218,072 |
| YU7BW | 3,208,920 |
| OH6WZ | 2,949,503 |
| OZ1LO | 2,949,492 |
| UB7W | 2,709,504 |

#### 28 MHz

| | |
|---|---|
| 9H1EL | 794,046 |
| 9A1CCY | 673,524 |
| S59AA | 608,796 |
| ON4WW | 460,149 |
| S51QZ | 443,750 |
| EA2IA | 426,092 |

#### 21 MHz

| | |
|---|---|
| OH2BH | 757,520 |
| LZ5W | 675,635 |
| OK1ALW | 563,316 |
| IR4T | 526,792 |
| G4CNY | 462,985 |
| S57EK | 445,632 |

#### 14 MHz

| | |
|---|---|
| OH4NRC | 864,058 |
| 9A7A | 752,388 |
| 4N5M | 639,220 |
| ES5MC | 622,557 |
| S57DX | 620,412 |
| OG8LQ | 602,390 |

#### 7 MHz

| | |
|---|---|
| S59UN | 971,049 |
| 4N1Z | 802,536 |
| I3JSS | 718,080 |
| OK3RM | 682,970 |
| LY5R | 598,671 |
| YL2KL | 585,120 |

#### 3.5 MHz

| | |
|---|---|
| G3KDB | 360,822 |
| OE3GSA | 359,915 |
| SN3A | 297,815 |
| S59KAB | 289,050 |
| OK3TPV | 245,523 |
| SM6MCW | 221,570 |

#### 1.8 MHz

| | |
|---|---|
| ON4UN | 118,772 |
| 9A1HCD | 82,904 |
| ON7TK | 81,430 |
| CT1AOZ | 56,214 |
| OY9JD | 52,710 |
| G4PIQ | 50,410 |

### LOW POWER All Band

| | |
|---|---|
| OG6NIO | 2,296,625 |
| LZ3FN | 1,904,750 |
| UB5QMA | 1,870,086 |
| EA5WU | 1,844,525 |
| F6FGZ | 1,717,644 |
| GD4UOL | 1,609,647 |
| DL2SCJ | 1,417,680 |
| HA1CW | 1,330,608 |
| OE2VEL | 1,298,355 |
| OH3LIM | 1,149,120 |

#### 28 MHz

| | |
|---|---|
| ON4RU | 464,758 |
| G3KHZ | 319,340 |
| EI5DI | 236,784 |
| S57AL | 233,632 |
| LY1DW | 180,561 |
| S57JZ | 177,004 |

#### 21 MHz

| | |
|---|---|
| S57DZD | 347,060 |
| U5WF | 315,980 |
| SP5JTR | 244,180 |
| ON6CW | 190,890 |
| LY1CM | 165,960 |
| UC2OIY | 162,864 |

#### 14 MHz

| | |
|---|---|
| YL2GN | 174,960 |
| PAØLVB | 138,300 |
| PA3ELD | 125,742 |
| SP6PAX | 111,150 |
| HA5LZ | 108,395 |
| UB5RAF | 96,092 |

#### 7 MHz

| | |
|---|---|
| F1MXH | 266,772 |
| LZ6L | 245,481 |
| LZ1ZX | 245,480 |
| RB5QCV | 123,970 |
| IO9AF | 97,524 |
| PA3AAV | 79,696 |

#### 3.5 MHz

| | |
|---|---|
| UV3WU | 91,605 |
| OK1DUG | 89,440 |
| LY2BIP | 79,242 |
| S59ZZ | 75,594 |
| OK3CND | 66,994 |
| UB5PCU | 65,190 |

#### 1.8 MHz

| | |
|---|---|
| SP5ZIM | 37,027 |
| OG3MMF | 30,745 |
| OH1KF | 22,176 |
| PAØVDV | 18,411 |
| SM6OLL | 18,368 |
| DJ9LJ | 17,568 |

### MULTI-OPERATOR SINGLE TRANSMITTER

| | |
|---|---|
| IQ4A | 9,197,700 |
| LZ9A | 8,859,468 |
| UW2F | 8,049,966 |
| DLØWW | 7,998,770 |
| TM9C | 7,937,423 |
| OK5W | 6,767,465 |

### MULTI-OPERATOR MULTI-TRANSMITTER

| | |
|---|---|
| 9A1A | 18,450,820 |
| HG73DX | 17,812,935 |
| GW8GT | 17,487,927 |
| CHØW | 17,040,051 |
| DLØCS | 12,118,804 |
| UX1A | 11,977,597 |

## USA

### SINGLE OPERATOR HIGH POWER All Band

| | |
|---|---|
| N4RJ | 5,851,152 |
| N2NT | 5,705,000 |
| KM1H | 5,675,756 |
| KN8Z | 5,436,795 |
| W1KM | 5,394,604 |
| K3ZO | 4,949,992 |
| N2LT | 4,723,894 |
| W3BGN | 4,257,147 |
| N6BV/1 | 4,107,368 |
| K1ZZ | 4,055,069 |

#### 28 MHz

| | |
|---|---|
| KA5W | 446,439 |
| K8CX | 426,717 |
| KT4W | 416,760 |
| N4ZZ | 358,239 |
| K5RX | 347,626 |
| W6YA | 315,892 |

#### 21 MHz

| | |
|---|---|
| K2SS/1 | 691,185 |
| WØUN | 647,168 |
| N4CT | 577,638 |
| N3KK | 540,662 |
| K8MFO | 519,750 |
| W5VX | 511,187 |

#### 14 MHz

| | |
|---|---|
| K2VV | 943,920 |
| KW8N | 815,948 |
| N2BA | 765,525 |
| K5MR | 505,225 |
| N5CR | 481,929 |
| NQØI | 424,461 |

#### 7 MHz

| | |
|---|---|
| K8PO/1 | 821,473 |
| W7XR | 794,992 |
| K4XS | 683,459 |
| KBØG | 636,720 |
| W2UP/3 | 521,076 |
| K1UO | 493,580 |

#### 3.5 MHz

| | |
|---|---|
| K1ZM | 416,160 |
| K1IU | 315,826 |
| W1MK | 275,600 |
| KT3Y | 205,683 |
| WE3C | 153,930 |
| KØRF | 139,072 |

#### 1.8 MHz

| | |
|---|---|
| K2EK | 34,522 |
| K5UR | 25,612 |
| KVØQ | 16,272 |
| N6SS | 13,112 |
| K4TEA | 11,880 |
| WB9Z | 11,328 |

### LOW POWER All Band

| | |
|---|---|
| N8II | 2,008,982 |
| W2TZ | 1,986,240 |
| K7SV/4 | 1,335,780 |
| KM1X | 1,266,515 |
| WA2VYA | 1,249,246 |
| KG1D | 1,200,600 |
| K1EBY | 1,195,821 |
| N8RR | 1,185,845 |
| N4YDU | 1,095,578 |
| N5AW | 1,062,400 |

#### 28 MHz

| | |
|---|---|
| WB4TDH | 250,962 |
| W7ZR | 165,834 |
| WA6KUI | 164,864 |
| K2MFY | 155,241 |
| N3JT | 66,736 |
| WA6FGV | 53,676 |

#### 21 MHz

| | |
|---|---|
| N4MO | 345,693 |
| W9HLY | 194,600 |
| AA7RN | 125,112 |
| KW8J | 123,786 |
| KK4SM | 120,171 |
| WT8P | 94,142 |

#### 14 MHz

| | |
|---|---|
| K2AW | 118,430 |
| KD5IA | 98,171 |
| WQ7R | 33,945 |
| KW3M | 28,296 |
| W8UMR | 23,568 |

#### 7 MHz

| | |
|---|---|
| W9CH | 100,050 |
| K2POF | 83,752 |
| KO9Y | 77,982 |
| KIØI | 40,500 |
| K9UIY | 37,036 |
| K1HBX | 35,002 |

#### 1.8 MHz

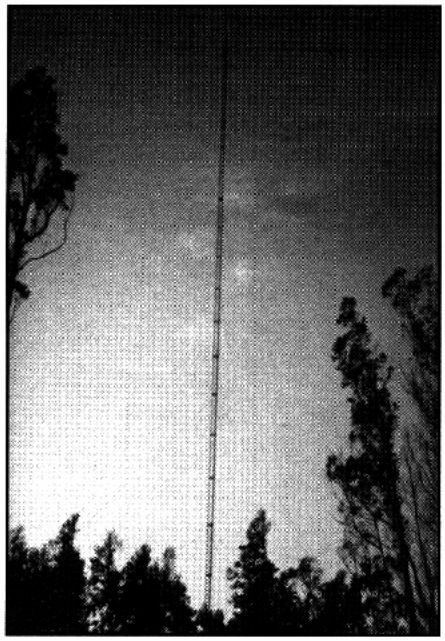
| | |
|---|---|
| AA9AX | 2,709 |
| WØRT | 561 |
| N4UZ | 392 |

### MULTI-OPERATOR SINGLE TRANSMITTER

| | |
|---|---|
| N3RS | 8,585,380 |
| K1KI | 8,207,816 |
| K1DG | 7,751,014 |
| WW2Y | 6,062,210 |
| N4WW | 5,821,605 |
| W5WMU | 5,361,675 |

### MULTI-OPERATOR MULTI-TRANSMITTER

| | |
|---|---|
| K1AR | 19,473,615 |
| N2RM | 18,408,663 |
| W3LPL | 16,702,372 |
| AD1C | 12,690,432 |
| AA6TT | 9,460,602 |
| KY1H | 7,821,044 |



*CT3FN was strong here on 80, a credit to the 57 meter high tower shown here.*

QRM section, 20 meters sustained fantastic openings day and night this year, making it a fun band to operate. This motivated John to post a new USA record with 943K, toppling K2EK's 1989 mark. John logged 50 more multipliers on 20, but had 200 less contacts. My, how rich the field of multipliers was on 20 meters this year. FY5YE took the worldwide high with 1.33 million. 4M5X captured the top Low Power score, and 4th in the World as well. K2AW's 118K Low Power US entry was tough going, but USA high.

This year 40 meters sounded like 20 meters usually does. As we examined the logs, it was strange to see so many good DX contacts as late as 11 AM in the morning and as early as 2 PM in the afternoon from entries all over the World. Such great propagation enabled PJ9U to set new World and South American records with a fine 1.17 million. He was followed by WQ5W's ZF2TG score of 1.09 million, also a new record for North America. Elsewhere, S59UN's 971K was third worldwide, and a enough for a new European mark. VK6LW managed a fantastic 534K in the Low Power category for World high, with W9CH leading the States in the 100 watt category on 40.

On 80 meters Jeff Briggs, K1ZM, worked all day and all night to log extra VE and European stations, and managed a fabulous 416K total for World and US high, setting a US record along the way. Low Power honors go to UV3WU with 91K worldwide, but strangely, there were absolutely no US entrants on 80 in the Low Power category.

On the bottom band, Riki Kline, 4X4NJ, posted a fine 151K for the top score. Riki complained to us about the low level of US activity. Wow, Riki, you should have heard all the W's calling you that you couldn't hear! John Delvodere, ON4UN, fell just 4 points below his 1990 European record, but finished second worldwide at 118.7K. Bill Gioia, K2EK, managed 34.5K from the States, edging out Rick, K5UR. Low Power mention goes to SP5ZIM with 37K.

As with the SSB section, we have included a new table this year showing the top 5 performers by band independent of the category entered. This data shows that the Single Band entries are largely the top single band scores, besting the Multi-Multi efforts on the single bands most of the time.

## Assisted Category

As was the case last year, the Assisted category grew to almost 250 logs, but was dominated by the Stateside faithful. Tom Lee, K8AZ, led the field with 4.7 million, followed closely by K3WW, K5NA, and KC1XX in that order. All four top entrants posted over 100 countries on 40 through 10 meters, with total multipliers of 708, 726, 794, and 736, respectively. The top entrant from outside of the States was 4U1ITU with 4.1 million, who finished 5th worldwide. We noted some real interest in Germany developing in this category, perhaps fueled by the packet networks really beginning to catch on there.

## Multi-Operator Categories

The multi-national team at ZC4Z won the Multi-Single category this year worldwide with 11.1 million, while the team at N3RS topped the US field with 8.5 million in a closely contested race with K1KI's gang. Our congratulations to the operators at KH2S who set a new Oceania record in Multi-Single with 7.25 million. The IQ4A team amassed 871 multipliers on their way to 9.25 million for first place in Europe.

In the Multi-Multi competition, the team at EA9EA led all comers with 30 million. Our best regards to second-place finisher KØAM, a 23 million effort that set a new Oceania record; and to the team at VS6WO, which logged 18 million to set an all-time Asian record. My, how excited the 160 meter operator Lew, K4VX, got as he described the experience of working 160 meters from Hong Kong at Dayton this year! We already commented on the K1AR Multi-Multi 5 Band DXCC accomplishment. Suffice it to say that the 945 multipliers they logged in one weekend, an average of 158 per band, led them to top US honors with 19.47 million, a new US record. Second-place finishers at N2RM (18.4M) also broke their own 1990 US record of 17.3 million.

## Team and Club Competitions

This year the club competition heated up with six entries from five diverse groups (The Southern California Contest Club fielded two teams). The five-man SCCC team #1 (D44BC, EA9LZ, PTØF, 4M2BYT, and 9Y4H) had 37.5 million, narrowly edging the four-man Global Team (8R1K, EA8EA, JY8VJ, and P4ØI) with 33.9M. (The global team was actually three Finns plus one). A special word of welcome to the New England WW Team, Team Japonica, and the Russian Baby Bears for fine entries this year as well.

Perennial winner Frankford Radio Club again captured the coveted Club Trophy this year with an incredible 389 million. They were pressed some by the Yankee Clipper Contest Club, which kept it interesting with 302 million. In the non-USA Club category, the Rhein-Ruhr DX Club posted nearly 100 million to top the field, with rival Bavarian Contest Club at the 94 million mark.

## Comments

Last month we published the rules for the 1993 contest and commented in the SSB write-up on a few key points. We will emphasize some of these points again this month. It seems that many of you comment to us, with your replies to our special requests, that you did not know about this or that provision of the rule, so it doesn't hurt to repeat some of the changes.

Please note that the CQ WW requires submission of paper copies of your log, even when you send us a diskette with your log on it. We must have paper copies to process the results as explained in last month's issue. The paper copies should be arranged so that there is a separate log for each band. For all contestants who have competitive entries in their category, we can require the submission of the log data on diskette as well. K1EA.BIN, N6TR.DAT, and DBASE.DBF file formats are preferred. To emphasize this point, the preferred K1EA file is the .BIN file, not the .RES file, not the .10 through .160 files.

Please try to understand that the contest results require countless hours of time from the committee, most of which are volunteers. Our goal is to assure that all competitive entrants are checked for validity and accuracy. To do that, the paper logs must be in hand for us to scan; a computer file is not very easy to scan, and it is too expensive for us to print them all out. In addition, all of the top logs must be checked with our computerized data base using the same uniform process. Most of the top entrants submitted diskettes with their logs. However, about 80 stations had to be notified that a diskette was required for the CW mode. Of these, 75% complied with our request, which is very much to their credit. The remaining 25% leaves the committee with a real dilemma. We are currently reviewing a number of options to deal with this problem.

This past year our checking made some significant differences in the order of the finishers in a number of categories. As with any "Olympic" quality competition, the margin of victory can be very small. We are committed to certifying that the right entrants win. It's the least we can do when you put so much time, effort, and assets into the contest.

## Credit

The hardworking members of the committee this year deserve a special word of thanks from all of us. First, thanks to the crew at *CQ* magazine for accelerating the delivery of the logs to K3EST and N6AR. Then, when the logs are sorted and categorized, KRØY, W9RE, WA8YVR, N3ED, K1DG, W2RQ, W7EJ, K6NA, N6AW, KR2Q, N6AR, and K3EST do the checking. Oh yes, we almost forgot the work that N6AA did using N6TR's software support to put the data base together from the hundreds of diskettes we get. Our thanks, also, to special advisors K1AR, N2AA, and K3ZO; and to the overseas consultants, S52AA, OH2BH, OH2MM, OH2KI, CT1BOH, OK2FD, and PY5EG.

That about wraps it up for this year. See you in the '93 contest.

73, Larry, N6AR/4 and Bob, K3EST/6



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**BENCHER**

| | |
|---|---|
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| | |
|---|---|
| R5 14, 18, 21, 24, 28-MHz. Vertical | $267.00 |
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| | |
|---|---|
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| RS-12M Same As RS-12A, With Meters | 82.50 |
| RS-20M Same As RS-20A, With Meters | 108.50 |
| RS-35M Same As RS-35A, With Meters | 159.50 |
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## TOP 5 PERFORMANCES BY CONTINENT

**(World High in Bold Print)**

### AFRICA

| SCORE | | MULTIPLIERS | | CONTACTS | |
|---|---|---|---|---|---|
| **EA8EA** | **11,966,372** | EA8EA | 682 | EA8EA | 5890 |
| EA9LZ | 7,901,415 | D44BC | 545 | 6V6U | 5298 |
| 6V6U | 7,760,746 | ZS6EZ | 538 | EA9LZ | 4959 |
| D44BC | 7,756,895 | EA9LZ | 535 | D44BC | 4783 |
| ZS6EZ | 5,878,726 | 6V6U | 491 | ZS6EZ | 3698 |

### ASIA

| | | | | | |
|---|---|---|---|---|---|
| JY8VJ | 8,031,168 | JY8VJ | 573 | JY8VJ | 4900 |
| A61AC | 5,847,840 | A61AC | 558 | A61AC | 3736 |
| 7Z2AB | 4,946,500 | 7Z2AB | 500 | BV/K1RX | 3543 |
| 4X/S59PR | 3,928,380 | JA5DQH | 494 | 7Z2AB | 3416 |
| JHØKHR | 3,755,376 | 4X/S59PR | 466 | 4X/S59PR | 3022 |

### EUROPE

| | | | | | |
|---|---|---|---|---|---|
| S52AA | 5,195,440 | S52AA | 643 | EA6ZY | 3466 |
| G4BUO | 3,983,382 | RB5QF | 609 | S52AA | 3208 |
| EA6ZY | 3,946,019 | G4BUO | 587 | G4BUO | 2854 |
| YU7AV | 3,709,604 | YU7AV | 578 | OZ1LO | 2586 |
| G3MXJ | 3,270,278 | YT1AD | 572 | G3MXJ | 2331 |
| | | YU7BW | 572 | | |

### NORTH AMERICA

| | | | | | |
|---|---|---|---|---|---|
| 8P9Z | 8,047,212 | **N6AR** | **695** | 8P9Z | 5298 |
| N4RJ | 5,851,152 | N4RJ | 681 | VP5T | 4903 |
| N2NT | 5,705,000 | KM1H | 646 | VD7SZ | 3625 |
| KM1H | 5,675,756 | KN8Z | 637 | VE3EJ | 3308 |
| KN8Z | 5,436,795 | N2NT | 625 | N2NT | 3140 |

### OCEANIA

| | | | | | |
|---|---|---|---|---|---|
| 9M6NA | 5,814,765 | 9M6NA | 495 | NH6T | 4287 |
| NH6T | 5,761,254 | NH6T | 453 | 9M6NA | 3960 |
| H44IO | 3,115,575 | VK3DXI | 374 | H44IO | 3477 |
| VK3DXI | 1,867,762 | VK8AV | 366 | VK3DXI | 1706 |
| VK8AV | 1,730,814 | YE2C | 320 | YE2C | 1634 |

### SOUTH AMERICA

| | | | | | |
|---|---|---|---|---|---|
| HC8N | 10,773,628 | P4ØW | 573 | **HC8N** | **6028** |
| P4ØW | 9,554,775 | HC8N | 571 | P4ØW | 5605 |
| 9Y4H | 7,960,980 | P4ØI | 566 | 9Y4H | 4886 |
| P4ØI | 7,214,236 | 9Y4H | 554 | P4ØJ | 4819 |
| 8R1K | 6,652,614 | 8R1K | 547 | 4M2BYT | 4783 |

## TOP 5 PERFORMANCES BY BAND

**(Regardless of Category Submitted)**

| 160 Meters | | 80 Meters | | 40 Meters | |
|---|---|---|---|---|---|
| 4X4NJ | 150,882 | EA9EA | 494,901 | EA9EA | 1,347,356 |
| ON4UN | 118,772 | K1ZM | 416,160 | PJ9U | 1,171,864 |
| 9A1HCD | 82,904 | HG73DX | 370,062 | ZF2TG | 1,087,862 |
| ON7TK | 81,430 | G3KDB | 360,822 | 9A1A | 1,063,431 |
| HG73DX | 70,960 | OE3GSA | 359,915 | K1AR | 975,796 |

| 20 Meters | | 15 Meters | | 10 Meters | |
|---|---|---|---|---|---|
| KØAM | 1,391,852 | CXØCW | 1,818,656 | D68GA | 1,281,660 |
| EA9EA | 1,336,600 | CR3W | 1,652,170 | P4ØX | 1,174,032 |
| FY5YE | 1,331,327 | ZD8LII | 1,560,405 | EA9EA | 1,123,938 |
| 7L1GVE | 1,181,937 | KØAM | 1,264,172 | CX5BW | 988,410 |
| 4M5X | 1,145,087 | EA9EA | 1,194,702 | XR3A | 982,500 |

## BAND-BY-BAND BREAKDOWN—TOP ALL BAND SCORES

**Number groups indicate: QSOs/Zones/Countries on each band**

### WORLD TOP SINGLE OPERATOR, ALL BAND

| Station | 160 | 80 | 40 | 20 | 15 | 10 |
|---|---|---|---|---|---|---|
| EA8EA | 87/13/43 | 482/25/55 | 1155/34/93 | 1342/36/102 | 1240/34/96 | 1584/35/106 |
| HC8N | 89/11/26 | 318/19/46 | 797/26/62 | 883/34/84 | 1826/36/102 | 2115/33/102 |
| P40W | 185/13/27 | 379/19/42 | 1103/28/82 | 902/32/89 | 1388/30/92 | 1648/29/90 |
| 8P9Z | 95/12/27 | 448/20/59 | 1057/22/76 | 1395/33/94 | 1147/31/91 | 1150/27/81 |
| JY8VJ | 53/6/28 | 251/12/50 | 1537/27/86 | 997/31/89 | 1036/33/90 | 1026/32/89 |
| 9Y4H | 223/9/26 | 350/21/55 | 1052/33/91 | 877/31/71 | 1011/27/77 | 1373/28/85 |
| EA9LZ | 121/6/29 | 601/17/58 | 1157/26/80 | 927/29/75 | 1087/27/84 | 1066/29/75 |
| 6V6U | 23/7/12 | 243/15.35 | 823/24/67 | 1271/29/78 | 1197/30/85 | 1740/23/86 |
| D44BC | 44/11/21 | 163/18/42 | 430/23/75 | 1030/34/81 | 1350/32/87 | 1766/29/92 |
| P40I | 70/11/21 | 426/23/63 | 642/27/76 | 1032/34/91 | 938/30/79 | 1195/30/81 |

### WORLD MULTI-OPERATOR SINGLE TRANSMITTER

| | | | | | | |
|---|---|---|---|---|---|---|
| ZC4Z | 158/9/48 | 290/16/67 | 2132/31/100 | 981/35/118 | 1236/36/107 | 749/35/96 |
| IQ4A | 65/10/64 | 274/28/94 | 1452/40/140 | 817/39/121 | 719/38/122 | 1195/38/126 |
| LZ9A | 237/14/68 | 378/31/98 | 1593/39/125 | 893/38/124 | 1157/37/126 | 534/35/109 |
| N3RS | 44/15/41 | 138/26/82 | 1035/36/137 | 848/39/145 | 683/37/137 | 730/33/132 |
| K1KI | 48/11/35 | 304/26/92 | 1051/36/134 | 583/38/143 | 612/36/134 | 758/33/125 |
| UW2F | 314/11/63 | 848/28/87 | 936/36/123 | 1092/37/103 | 616/33/107 | 811/36/114 |

### WORLD MULTI-OPERATOR MULTI-TRANSMITTER

| | | | | | | |
|---|---|---|---|---|---|---|
| EA9EA | 318/12/56 | 1672/20/79 | 2701/38/129 | 2745/38/125 | 2408/36/130 | 2461/36/117 |
| KH0AM | 252/16/21 | 1095/28/64 | 1962/35/113 | 3042/37/117 | 2818/38/113 | 2064/36/99 |
| K1AF | 106/16/59 | 726/29/107 | 1862/37/141 | 1721/39/156 | 1584/37/154 | 1128/34/136 |
| 9A1A | 530/11/58 | 1579/27/88 | 2948/38/131 | 2076/37/123 | 1861/39/114 | 1446/36/118 |
| N2RM | 99/18/53 | 654/30/97 | 1521/37/143 | 1686/39/153 | 1643/37/151 | 1175/34/139 |
| HG73DX | 765/14/66 | 1557/30/96 | 2047/40/121 | 1905/39/138 | 1774/39/120 | 1287/38/135 |

### USA TOP SINGLE OPERATOR, ALL BAND

| Station | 160 | 80 | 40 | 20 | 15 | 10 |
|---|---|---|---|---|---|---|
| N4RJ | 34/13/27 | 170/21/65 | 687/34/104 | 696/27/114 | 709/35/107 | 670/32/92 |
| N2NT | 38/14/25 | 297/17/65 | 922/29/85 | 587/35/103 | 610/30/94 | 686/28/90 |
| KM1H | 37/11/26 | 339/23/64 | 727/31/94 | 491/33/92 | 603/33/107 | 856/32/100 |
| KN8Z | 35/12/24 | 227/27/66 | 670/31/90 | 634/37/103 | 655/34/98 | 706/30/85 |
| W1KM | 23/9/16 | 523/30/81 | 737/31/96 | 542/33/91 | 586/31/84 | 601/28/84 |
| K3ZO | 16/7/9 | 429/24/72 | 800/36/93 | 553/32/80 | 585/30/82 | 596/28/85 |
| N2LT | 25/9/16 | 171/19/54 | 717/32/102 | 402/35/89 | 736/31/99 | 631/31/85 |
| W3BGN | 47/15/35 | 263/19/58 | 593/30/94 | 432/34/83 | 593/29/86 | 553/28/82 |
| N6BV/1 | 20/9/12 | 413/19/57 | 705/25/81 | 425/35/93 | 658/27/80 | 419/25/73 |
| K1ZZ | 28/9/18 | 220/20/58 | 423/26/91 | 449/33/96 | 525/33/104 | 659/32/99 |

### USA MULTI-OPERATOR SINGLE TRANSMITTER

| | | | | | | |
|---|---|---|---|---|---|---|
| N3RS | 44/15/41 | 138/26/82 | 1035/36/137 | 850/39/145 | 683/37/137 | 730/33/132 |
| K1KI | 48/11/35 | 304/26/92 | 1051/36/134 | 583/38/143 | 612/36/134 | 760/33/125 |
| K1DG | 40/14/37 | 255/23/82 | 1081/37/130 | 625/39/125 | 749/36/135 | 531/33/122 |
| WW2Y | 43/14/41 | 514/22/83 | 604/34/117 | 479/38/121 | 598/35/119 | 532/32/114 |
| N4WW | 42/16/40 | 79/24/77 | 658/36/125 | 765/39/124 | 641/33/123 | 449/33/113 |
| W5WMU | 31/13/25 | 87/24/56 | 500/35/122 | 665/38/127 | 694/37/120 | 587/33/107 |

### USA MULTI-OPERATOR MULTI-TRANSMITTER

| | | | | | | |
|---|---|---|---|---|---|---|
| K1AR | 106/16/59 | 726/29/107 | 1862/37/141 | 1721/39/156 | 1584/37/154 | 1128/34/136 |
| N2RM | 99/18/53 | 654/30/97 | 1521/37/143 | 1688/39/153 | 1643/37/151 | 1175/34/139 |
| W3LPL | 88/18/50 | 586/28/96 | 1579/38/144 | 1587/39/155 | 1377/37/153 | 1003/35/138 |
| AD1C | 47/12/31 | 492/19/82 | 1243/35/119 | 1478/39/148 | 1305/36/141 | 853/34/120 |
| AA6YT | 93/23/25 | 289/25/52 | 947/35/123 | 1337/37/122 | 1184/37/126 | 861/33/103 |
| KY1H | 84/9/27 | 454/26/85 | 969/36/126 | 891/39/123 | 770/33/118 | 484/31/104 |

## USA QRM

Looks like there is still some life left on 10 meters . . . *K2MFY*. Had a great time! Difficulty my first time as single band 7 MHz, but had fun . . . *WA2ASQ*. Working from a two-story apartment and not a single TVI complaint! . . . *K7SP*. Although using low power mainly calls for search and pounce, it was a fun challenge trying to hold a frequency to run stations . . . *WA6KUI*. CQWW still the best even for grey beards like myself . . . *N4MO*. Band conditions were great and JA signals were good for a change . . . *WT8P*. First DX contest after being off the air for 10 years. Will computerize the log next year . . . *KW8J*. Too many USA stations calling CQ test and drowning out the DX stations . . . *W8UMR*. Fifteen meters was great, but where was zone 12? . . . *KK4SM*. Good to QSO so many old friends again . . . *AA7FK*. Using the CT program can really make a difference in the long haul . . . *WB8YSF*. After 27 years I finally break 1 million points and still low power . . . *WA1FCN*. First BV on 80 meters! . . . *W6JTI*. The new Low Power category is great fun for us zoning restricted types . . . *W2TZ*. Computer showed memory full at QSO 526! . . . *W3HVQ*. My last contest as a W3—no rotator, had to run the coax back up the tower to get on . . . *K5ZD*. QSO JA and JT on QRP! . . . *N2CQ*. I got WAC in 2 hours on 40 meters with 5 watts and a rotatable dipole at 30 feet . . . *W8QZA*. I sure admire QRPers. Don't know how they have the patience . . . *KQ1V*. Breaking several pileups with 5 watts and a dipole . . . *K3TW*. Where do they come up with all the strange prefixes? . . . *WAØRPI*. Worked KG6DX long path on 20 meters with 5 watts . . . *N7IR*. QRP with low wire antennas is tough . . . *KY5N*.

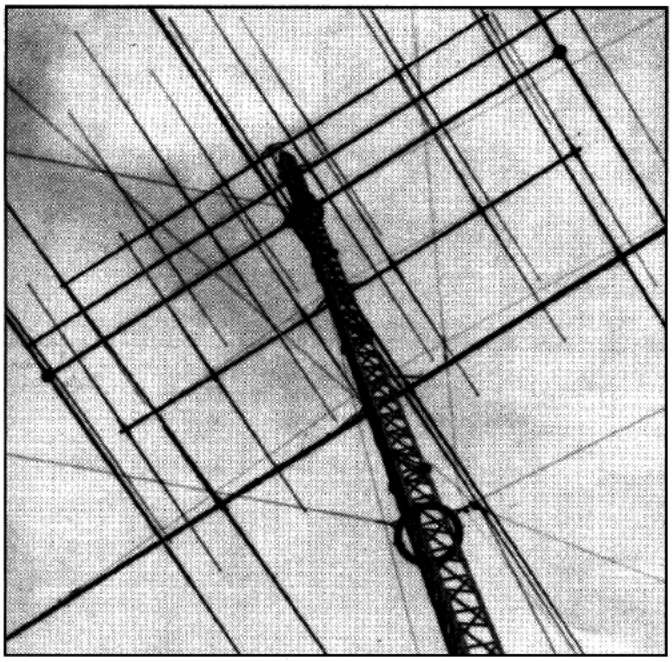
Many thanks for the patience and skill of the operators on the other end of the 20 QSOs I made on 20 meters using less than one watt to a dipole . . . *WB2CPU*. Goodbye old sol; we're going to miss you sorely . . . *NØAX*. Excellent as usual. Need a bigger antenna on 40 meters . . . *K8GL*. For a descending sunspot cycle, this one sure is hanging in there with good conditions . . . *K3ZO*. Conditions were so good that I got caught up with DXing on 80 meters when I should have been running Europe on 15 meters . . . *KM1H (Opr. KQ2M)*. Sure wish Europeans would come through on 160 meters as strongly as the JAs do . . . *K5GN*. Band conditions were great; the less sleep you can live with, the more contacts to be made . . . *W3BGN*. Good conditions again, but not quite as good as during the phone contest . . . *W3VT/4*. Best weekend ever; great time, "Thank you K1EA" . . . *K3JGJ/2*. The best time I've ever had in a contest—5 band DXCC from the USA single operator! . . . *N6AR*. High point: VS6WO calling me during my first ever JA run on 80 meters. Low point: Absence of perennial beacons LU8DQ and G3FXB . . . *W1KM*. It was great to be able to work Europe on 40 well after sunrise . . . *W9UP (Opr. NØBSH)*. Reworking my antenna system was a summer well spent . . . *W1OO*. We are getting closer to being competitive . . . *W8B!*. Couldn't believe the conditions on 160 meters; we had pileups of JAs calling us. Worked 33 JAs on 160 in 26 minutes . . . *W6GO*. We all had adequate rest to be refreshed for the entire contest . . . *N3RS*. Was great to avoid signing portable this year . . . *KN5H*. I'm really surprised by the improved CW operating skills worldwide . . . *KT4W*. How do you spell relief in three words or less? 250 Hz filter . . . *W8SD*.

Thank you, K8UR and W1FC . . . *K1ZM*. Conditions were really down this year on 10 meters. European openings were shorter and the band was closed about 1-1/2 to 2 hours after sunset . . . *W6YA*. Decided two days before the contest to do a single band 80 meter effort. What a great choice. Excellent conditions . . . *K1IU*. Wow! First time in years that single band 20 meters has been fun . . . *K2VV*. Sure am rusty on CW . . . *K1UO*. What a marvelous outpouring of CW from Germany. There must be some live-wire radio clubs to encourage so many new hams . . . *K8MFO*. Why don't more VK/ZLs enter the contest? . . . *N4CT*. It was a thrill to work over 100 countries on 4 bands thanks to the packet network . . . *W1PH*. It wasn't bad enough that I had the flu, Murphy decided that 5 minutes before the contest was the perfect time to eliminate my new super VGA monitor . . . *AA2DU*. Still being able to do the full 48 hours at age 48 . . . *K3WW*. I should have called CQ more and done less DXing the first day . . . *K1VR*.

## DX QRM

Too many problems with antennas (after several wind storms) and linears made me to quit the single operator category after 5 hours in the contest . . . *F6BEE*. It was hard to work without a CW filter in the contest, but lots of fun for me . . . *5NØZKJ*. Called VS6WO for 3.5 hours without an answer. Funny, eh! . . . *ES1CW*. Used linear only at daybreak—TVI problems . . . *CX9AU*. Excellent conditions for DX contacts; poor conditions inside Europe so as to increase maximum possible number of contacts . . . *CN4RU*. Conditions were not so good, but enjoyed it very much . . . *JE1REU*. Local QRM the second night made the band very noisy . . . *VK6LW*. My friend WS4E (Scott) and I had planned a large MS operation with the Caracas DX Group, but a military coup the morning of the contest cancelled our plans . . . *4M5X (Opr. WM2C)*. First contest after three years of no activity. It was hard work . . . *T32AF (Opr. KH6UR)*. Thirty years since my first CQWW entry as GI3OTV . . . *EI5DI*. As with each year, a fantastic contest and a crazy battle against propagation and big gun QRM army in which I lost the chance to complete KH6 and zone 31 for my total, but lots of fun . . . *SP5JTR*. Conditions superb on 40 meters on Saturday afternoon, like one of the high bands. KHØ, KH2, and KH9 available at once. Pity I didn't work any of them! . . . *G4ZOB*. Glad to work T32BE for a new one . . . *PA3ELD*. Worked all 40 zones on 40 meter band—broke old European record. Failed 5 band DXCC by only 3 countries on 80 meters . . . *IQ4A*. Our first entry on CW. Had much fun and almost no sleep . . . *DLØCMA*. This year the "big one" was not that big for us . . . *PI4COM*. Best score ever . . . *DJ4AX*. The conditions on 10 meters were good, but not the low band conditions . . . *7Q7XX*.

Lack of power resulted in such a low score on 160/80 meters. Heard a lot of stations, but no QSOs even after schedules from high bands . . . *5Z4TT*. Last-minute entry, but lots of fun . . . *VK3DXI*. I decided at the last minute to put up a quarter-wave longwire for 160 meters—made 71 contacts in 31 countries . . . *DA1AM*. Wow! Smashed my own record and more than doubled my intended score . . . *VO1SF*. It was great fun being called by T32BE, an all-time new one for me on CW, running just 100 watts . . . *OE2VEL*. Test was hard work with only 100 watts, but my strategy of concentrating on multipliers and USA contacts improved my score from last year . . . *GD4UOL*. 8R1K was the easiest multiplier I got. I was eating and listening on a clear frequency when he came on calling CQ . . . *F6FGZ*. Finally the CW section also had extremely good conditions . . . *OZ8AE*. Enjoyed the contest in spite of the fact that I missed lots of multipliers because I could not break the pileups . . . *UX3D (Opr. UA3DBS)*. My apologies to those who were patient on Sunday when my ears were not working anymore . . . *NP2I*. Work a few hundred, go to the beach; come back and work a few hundred more, then go to



*The 5 over 5 at 46 meters explains OH4NRC's booming signal on 20 meters—good enough for tops in Europe on that band.*

the beach again—tough contest . . . *VP2EST*. My 25-year-old SB200 gave up recently, and a replacement PL2100Z broke down the day before the contest started. Had to go low power with the FT barefoot . . . *PAØLOU*. As usual, the solid wall of big guns sending CQ with too short a pause could not be contacted by low-power stations . . . *C6A/N4RP*.

Thirteen hour power breakdown during 48 hour contest—incredible . . . *KH2S*. First time as a Multi-Single on CW—a lot of problems but big fun . . . *LU7DP*. Thanks to all who copied my weak signal and bad callsign on CW . . . *HA8LKE*. Cut my tendon to my left thumb on Thursday, so I was "single handed." Awkward, but okay . . . *G3LHJ*. Thanks for organizing the contest. Enjoyed it very much . . . *GM4HQH*. Another battle against the big guns has finished . . . *OK1DKR*. Excellent conditions on the top band. Could work almost everything I heard with 5 watts . . . *OK1CZ*. A difficult job between a lot of big QRM cannons . . . *YO5BQ*. My thanks to all the DX stations who responded to me in the middle of a pileup . . . *VE3RHJ*. QRPp is very fun . . . *JH2WIC*. With 4 watts output, nobody heard my CQ . . . *DL1EFW*. First South America from this QTH . . . *JA4XHF/3*. CQWW is different. Due to the large number of powerful signals from all continents, a low-power station must search for the QSOs . . . *G3DYY*. Second day, good conditions on 40 meters . . . *PAØTA*. I think I should try more contests in QRP on 20 meters . . . *DL4OBJ*. Very QSB and QRM in test . . . *ZZ4W*. I have to use a lot of willpower to copy these high-speed CW signals . . . *PA3FSC*. Seven hour power outage didn't help . . . *D44BC (Opr. N6TJ)*. Jane was born 3 days before WW and operating time had to be reduced to 18 hours only . . . *H21A (Opr. 4N4OO)*. This was my first WW contest from my new country and new call . . . *9A2AJ*. Never had so equally good conditions on all bands in the 30 years of my participation in the CQWW DX Contest . . . *DJ5JH*.

Strategy to QSY to get new multipliers. It was very important and interesting to me . . . *5U7M*. Very good conditions on the low bands . . . *YU7AV*. First time using a computer for the contest. It is very useful, hi . . . *YU7BW*. I enjoyed contesting with a new high tower for low bands, but I didn't stay up two nights after a business trip . . . *JA8RWU*. I am very pleased that someone remembered my name on CW . . . *JF1SEK*. I was on DXpedition to Moldavia from my home callsign RB5FF . . . *ROØF*. It's good to be needed—KHØ and TU asked me to band hop . . . *XE1/AA6RX*. It might be a help to list the multiplier prefixes when announcing the contest . . . *HZ1HZ*. Twenty-six thousand kilometers by train for 20 days . . . *JT1/UA3DK*. Pleased to make new JA all-time record . . . *JHØKHR*. P4ØI will come again! . . . *P4ØI (Opr. OH3JR)*. Great conditions and great competition in a great contest . . . *P4ØW (Opr. W2GD)*. What a fun event! Conditions this year, especially on 40 and 80 meters, were probably the best I can ever remember . . . *G3UFY*. Thanks a lot to Klaus (JY9VC) and Heidi (5B4TE) for their great hospitality . . . *JY8VJ (Opr. DL1VJ)*. Conditions were better than last year . . . *JR1IJV*. God probably had a celebration—new prefix, new country, perfect conditions in Slovenia . . . *S52AA*. Coup d'etat in Venezuela Friday morning prevented me from sleeping, which caused me to fall asleep several times on Sunday morning . . . *4M2BYT*. Mr. Murphy suddenly visited me on Saturday afternoon after about 4 years' absence when my 4-element Yagi for 10 meters was destroyed . . . *UT4UZ*. What a thrill making contest QSOs on 80 and 160 meters for the first time for BV on CW especially . . . *BV/K1RX*. The contest was overshadowed by the death of Al Slater, G3FXB, a couple of weeks earlier. Had a half hour conversation with him on the evening before he died, and there was much talk of plans for this contest . . . *G4BUO*. The biggest thrill was to finish scoring by hand in time (CT logging not available in time) . . . *JA1NUT*. Never thought a trap vertical could be so much fun . . . *FS/AI7B*. What are we going to do for an encore in 1993? . . . *VE3EJ*. Too much DX on all the bands. Hard to to decide where to go . . . *DL7MAE*. Superb conditions on all the bands . . . *EA6ZY (Opr. N6RA)*. Worse than the pileups were the flea invasions I had to fight during the afternoons . . . *ZV5A*. A 48 hour CW paradise . . . *ZS6NW*. The DX signals of LU8DQ and G3FXB will always be missed . . . *KG6DX*. This is my record on 7 MHz . . . *JAØKAZ*. I think the CQWW is the best contest . . . *UL8GO*. Didn't figure on S-5 power-line noise in paradise . . . *J33A (Opr. KJ4VH)*. I think I worked a pileup for the entire first night (16+ hours) . . . *V73C*. This is my second DXpedition and I hope to make many more . . . *ZF2TG (Opr. WQ5W)*. My first ever DX contest expedition, and I broke the old World record by 190,000 points! . . . *PJ9U (Opr. OH1VR)*. I always enjoy the contest . . . *LY1DS*. Before the test started, I bet a dinner with EA7TH, but his neighbor made him change his mind (lots of TV!) . . . *EA7KW*. I really wanted to go on 40 meters, but the fear of missing a new country on 160 meters kept me on that band . . . *ON4UN*. Too bad that many stations were not active on the top band . . . *4X4NJ*.

No conditions on Sunday morning . . . *OH2BA (Opr. OH6UM)*. Conditions were excellent the first night . . . *VE6JY*. CQWW still the very best . . . *OZ7HT*. Many thanks for this fine contest with rare DX and new friends who are contest men . . . *UA9AT*. The vertical and beverages are really working well . . . *ON7TK*. Conditions were great, but I didn't find a recipe for how to get through the USA and JA pileups to the Pacific . . . *S59UN*. First CW contest I have entered for some 20 years . . . *G3KMA*. It's a pity I broke my linear Sunday morning. I finished barefoot . . . *FM2GO (Opr. FB1MUX)*. Unbelievable—40 meters was like 20 meters . . . *DF3CB*. Big multipliers always a big pleasure, and I felt it . . . *UT2L*.

*John, WB8YJF, finished second in W8 land in the All Band, Low Power category.*

## STATION OPERATORS
## Multi-Operator Single Transmitter

**AA1K** & K3WJVM WN3K. **BY4SZ**: BZ4SAB BZ4SBA, BZ4SBD, BZ4SBE, BZ4SBF, BZ4SBG, BZ4SBH, BZ4SBP. **DA1WA**: DA1DC, DL1AC, DJ1MU, DJØHB. **DA2UK**: Club. **OE1XTU**: OE1TKW YU4JJ/OE. **DFØRR**: DL7AEN, DL7USA, DL7ON, DL7SI, DL7AKC, DL7FV, Y44NO, Y24AO. **DJ4AX** & DF7YE, DJ4PT, DK4TP. **DKØMM**: DJ7IK, DJ8WL, DJ9CB, DL8OBC, 4N4MX. **DLØCMA**: DL4EBN, DL8OBD, DL2EBX, DL1EDB, SWLs. **DLØSS8**: DL1EFO, DK7FP, DL5XY. **DLØTUD**: DL6DVU, DL6MUG, DL6UEG, DL8UWG. **DLØUM**: DL2ZAE, DL6HCO. **DLØWH**: DF4IK, DF6IH, DF9IAC, DF2IC. **DLØWW**: DK3GI, DK9IP, DL1IAO, DL6NCY. **DL1MFL** & DJ1O., DL5MFF. **DL2GGA** & DL4GBX. **DL2HTO** & DL6USF. **EA3KU** & EA3LL, EA3FER, EA3DU, EA3AVV, EA3AIR. **EI7M**: EI6BT, EI4BZ, EI3DP. E5HB EI9HC. **FO/SM5NZY**: SM5NZY, SMØKAK, SMØLCB. **GØFOS**: GØLUJ, GØCLY, G4KIV.

**G3LZO** & G4BYG, G4DRS. **G3OZF** & G4DCW, GHØHSD, GØLMX. **G3SSO**: G3LVP, G3ZRJ. **G3XMZ** & G3YBT. **GB5DX**: G3JKS, G3NOH, G3OUF, G3RTE, G3UJV, G4DJX, G4JKS, JA1IST. **GU3HFN**: GU3MBS, GU4WRP, GU4SXM, GUØJCI, GU4EON, GU4YOX, GU4WTN, GUØGWJ, GU7LSX, GU6RWD, GU6TLQ, GU7DH, GU3NHL. **GX3PRC**: GØIVZ, G4HTC, GØUNZ, G4OFR. **HA3KNA**: HA3OU, HA3OV, HA3NU, HA3NS. **HA8KCK**: HA8FK, HA8FW, HA8KH, HA8D7, HA8FT, HA8DT. **HG1S**: HA1TJ, HA1DAC, HA1TW, HA1DAE, HA1AH, HA1TD. **HG6Y**: HA6KNV, HA6IOB, HA6OA, HA6OB, HA6NG, HA6OY, HA6OO, HA6OI. **HZ1AB**: SMØCXU, KM4E, W8UD. **II2A** & I2VXJ, IK2EGL, IK2GSN, IK2GXK, IK2MMF, LZ1NS, IK2FYH. **IK3QAR** & IK3D3H, IK3HUK. **IQ4A**: I4EAT, I4ICT, I4IKW, I4ND, I4LCK, I4TJE, IK4DCT, IK4EWK. **JA1ZLO**: JO1LWF, JJ1MED, JN2MRJ, JF3TBL, JG4DDN, JR5KDF.

**JA3ZKK**: JH4PUL, JR4VQW, JG3SXR, JM3ILK. **JA3ZNJ**: JA3MQY, JA3DMA, JH3KCW, JF3OLL, JN3ANO. **JA6YCL**: JF4C7I, JF6UWK, JF6KPD, JI6MYW, JI6UQM, JI6WED. **JA7YAA**: JF1CKX, JF1PQT, JQ3GKN, JE7JZC, JG7PSJ, JEØAWL. **JE2YHS**: JA2OLJ, JE2WWB, JR2JJR, JG2NUD. **JE6ZIH**: JR6GKT, JF6DEA, JI6BRB, JG4KEZ, JA6QJG. **JH5ZJS**: JA5BJC, JA5CJZ, JA5FDJ, JA5JCC, JI5FXP. **JT1T**: JT1CD, JT1BL, JT1BX, JT1CF. **K1DG** & K1XX, K1TR, K1ETT, W2IR, N1RC. **K1KI** & K1CC, K1TO, W1OD, K5FUV. **K2QMF** & AA2FB. **K2SG** & others. **4U1VIC**: DL6RDR, DJØIP, DL2MEH, DL1GGT. **K2TE** & NE1V. **K3CP** & K3YD. **K3DI** & WD4IEH. **K3TEJ/KP4** & WA3WSJ, W8HNI. **K4FW** & W9VW. **K4LTA** & N8UM, N1CWR, W4TYU, K6SV, WM4U. **K6XT** & N6ND. **K8LX** & N8EA, WA8ZDT. **K9GR** & N9OFD. **KA6NAL** & WK6V, KF6HI, N6NW. **KF7AY** & W7IVB, KG7XC.

**KH2S**: JA8RUZ, JF3EIG, JH4RHF, JHØUSD, JI3ERV, JI3DPA, JJ1JMC, JR4DUW, JR4ISF, JR4PMX, JR7MZC, JRØBQD, KH2C. **KN2M** & WA2MBM, WB2ABD, KD2NMV. **KO4WE** & others. **N1AU** & WM1K, WC1D, WA1TTV. **KS3F** & NE3F, NK3Z. **KS9B** & NA9J, K9LJN, KS9C, KB9BIB, WEØB. **LA8SDA** & LA4DCA. **LU7DP**: LU2DPW, LU6EF, LU7DW, LU7EE, LW2DFM. **LX/DFØBK**: DL8SCG, DL4SDX, DL4SDW. **LY4W**: LY2BIJ, LY2BKW, LY2BMW, LY2PX. **LZ6G**: LZ2HM, LZ2YF, LZ2XP, LZ2FU, Emil Dilyan. **LZ9A**: LZ2HE, LZ2DF, LZ2CC, LZ2PO, LZ2WF, LZ2BE, LZ2XA, LZ2II, LZ2FS, LZ3BB, LZ2UU, Stefan. **N3BNA** & KD3CN. **N3RS** & N3RD, N3ED, WA3LRO, NW3B. **N4AR** & N4TY, N4OBW, K4FJ, NJ9C. **N4WW** & KØLUZ, WA6DGX, K1ZX/4, WC4E. **N8DPH**: Club. **NCØP** & NUØC, AJØI, WRØG, NØSM, WAØFLS, WDØGVY. **NK7U** & NI7T, AA7NX, N7BZ.

**NN3Q** & K3ATD. **OH2BSI** & OH2BSS OH2MBB. **OH2HE**: Club. **OK2KDS**: Club. **OK2KOD**: OK2BDI, OK2BGR, OK2BNX, OK2PID. **OK3KAG**: OK3CIR, OK3DX, OK3TRU, OK3TWR, OK3TZI, OK3ZFM. **OK3KCM**: OK3NA, OK3CBU, OK3CKX, OK3CBA, CK3TDP, OK3TUC, OK2PZW. **OK3KFO**: OK3PC, OK3TNU, OK3TGT, OK3IQ. **OK3KUN** & OK3CTX, OK3TME, OK3CND, OK3TMI. **OK3KXR**: Club. **LA1K**: LA4OFA, LA7HA, LA8UGA. **OK5W**: OK1EAZ, OK1CF, OK1TA, OK1WT, CK1JJB, OK1JKT. **OL3A**: OK1AYP, OK1ICM, OK1MR, OK1VKX, OK1DLE. **ON6AH** & ON5PV, ON6MH, ON6QR,

## USA CLUB SCORES

| | |
|---|---|
| Frankford Radio Club | 389,564,535 |
| Yankee Clipper Contest Club | 302,642,053 |
| Southern California Contest Club | 145,701,738 |
| Potomac Valley Radio Club | 91,155,332 |
| Northern California Contest Club | 67,979,557 |
| North Coast Contesters | 57,168,231 |
| Society of Midwest Contesters | 52,819,234 |
| Southeast DX Club | 51,076,362 |
| North Texas Contest Club | 46,947,215 |
| Mile Hi DX Association | 45,352,905 |
| Mad River Radio Club | 32,237,860 |
| Texas DX Society | 25,713,788 |
| Dixie DXers | 22,165,966 |
| Minnessota Wireless Association | 18,017,458 |
| Kentucky Contest Group | 16,587,388 |
| Central Virginia Contest Club | 15,120,314 |
| North Florida DX Association | 13,479,466 |
| Central Florida DX Association | 13,046,403 |
| Western Washington DX Club | 11,826,857 |
| River City Contesters | 10,985,262 |
| San Diego DX Club | 10,900,021 |
| Boiled Owls of New York | 10,786,094 |
| Left Coast Contest Club | 10,737,450 |
| Hicks | 10,619,490 |
| Rochester DX Association | 10,196,357 |
| Southwest Ohio DX Association | 9,926,377 |
| Grand Mesa Contesters | 9,329,994 |
| Snake River Contest Club | 9,274,826 |
| Western New York DX Association | 9,047,569 |
| Group DX Panamericanos | 8,542,139 |
| Mississippi Valley DX & Contest Club | 8,498,642 |
| Cascade Contest Club | 7,872,124 |
| Willamette Valley DX Club | 7,522,328 |
| Southern California DX Club | 7,460,138 |
| Eastern Iowa DX Association | 7,304,725 |
| Tri County DX Association | 7,099,190 |
| Albany Amateur Radio Association | 6,228,802 |
| Hoosier Contesters | 6,128,768 |
| Salt City DX Association | 5,516,767 |
| Northern Ohio DX Association | 5,461,226 |
| Kansas City DX & C Club | 5,360,131 |
| Blackhawk DX & Contest Club | 4,493,246 |
| Long Island DX Association | 4,140,295 |
| Falmouth Amateur Radio Association | 4,128,353 |
| Northern Illinois DX Association | 4,026,490 |
| Lone Star DX Association | 3,952,733 |
| South Florida DX Association | 3,808,888 |
| Central Arizona DX Association | 3,636,451 |
| Sturdy Memorial Hospital | 3,242,135 |
| Carolina DX Association | 2,967,796 |
| Western Carolina A R Society | 2,943,836 |
| Northern California DX Club | 2,735,301 |
| Madison DX Club | 2,225,545 |
| Splitrock Amateur Radio Club | 2,053,923 |
| Shasta DX & Contest Club | 1,698,072 |
| New Jersey DX Association | 1,565,343 |
| Arrowhead Radio Amateur Club | 1,530,455 |
| WACO | 1,357,843 |
| Saginaw DX Group | 1,253,081 |
| Four Lakes Amateur Radio Club | 1,231,856 |
| Metro DX Club | 1,056,323 |
| Oklahoma DX Club | 1,015,479 |
| Murphy's Marauders | 865,003 |
| Wichita ARC | 783,623 |
| Amarillo DX Society | 771,452 |
| Woodbridge Wireless Association | 707,556 |
| Sterling Park Radio Club | 634,062 |
| Northern Alabama DX Club | 623,252 |
| West Coast DX Ring | 514,385 |
| No Dot DXers | 495,835 |
| Redwood Empire DX Association | 420,147 |
| Middle Tennessee DX Club | 408,080 |
| Ocean Monmouth Amateur Radio Club | 394,729 |
| Southern Oregon DX Association | 383,665 |
| Great Dismal Swamp DX Association | 383,308 |
| Dauberville DX Association | 355,765 |
| West Park Radioops | 291,911 |
| Utica Amateur Radio Club | 290,196 |
| Schenectady ARA | 214,098 |
| Harnfesters Radio Club | 159,764 |
| Santa Barbara Amateur Radio Club | 66,317 |
| Code Fignueton Contest Club | 63,341 |

## DX CLUB SCORES

| | |
|---|---|
| Rhein Ruhr DX Association | 99,148,797 |
| Bavarian Contest Club | 94,274,019 |
| OH DX Ring | 32,934,148 |
| Slovenian Contest Club | 30,010,266 |
| Kaunas Technical University | 24,702,929 |
| Alaska DX Association | 21,553,600 |
| Kaliningrad Radio Club | 19,777,310 |
| HA DX Club | 19,317,945 |
| Lynx DX Association | 17,691,521 |
| British Colombia DX Club | 17,227,800 |
| Japan Crazy Contesters Club | 14,604,126 |
| Chiltern DX Club | 13,312,239 |
| Araucaria DX Group | 11,148,431 |
| Vojvodina DX Club | 10,536,333 |
| Amateur Radio Association of Sept Iles | 9,858,795 |
| Kiel Channel Activity Group | 8,020,317 |
| Kiev Radio Club | 7,654,563 |
| Prie Neries | 6,626,186 |
| Moscow DX Club | 6,090,679 |
| Kvarnberget | 5,811,315 |
| Diego Garcia Amateur Radio Club | 5,371,948 |
| Top of Europe Contesters | 5,272,064 |
| SP DX Club | 4,493,762 |
| YU7BCF | 4,193,952 |
| Winnipeg DX Club | 3,852,246 |
| Ukrainian Contest Club | 3,321,039 |
| French DX Foundation | 3,315,939 |
| TUPY DX Group | 3,034,962 |
| Bavarian DX Group | 2,881,285 |
| Contest Groupe of Oude Maas | 2,867,525 |
| Uruguay DX Club | 2,861,072 |
| Radio Amateur Soc Thailand | 2,753,334 |
| Eastern Canada DX Association | 2,670,910 |
| Association of Peruvian DXers | 2,550,679 |
| Cuernavaca Amateur Radio Club | 2,283,296 |
| Radio Club Varadzin | 2,003,983 |
| Radio Club Venezuela | 1,874,616 |
| Koryazhma DX Company | 1,763,902 |
| Marianas Radio Club | 1,717,272 |
| Equator Club | 1,559,925 |
| Radio Club Chile | 1,441,560 |
| Tartu Radio Club | 1,394,899 |
| Veron | 1,345,629 |
| Lithuanian Contest Group | 1,309,778 |
| Danish DX Group | 1,257,892 |
| East Highlands Amateur Radio Club | 1,136,921 |
| Santa Barbara Contesters | 1,086,126 |
| Northern Lithuania Contest Group | 878,956 |
| Mid Bedfords Contest Group | 837,417 |
| Perugia DX Club | 814,289 |
| Radioamateurs of Luxemburg | 802,225 |
| Radio Club Tallinn | 725,990 |
| U. of Radioamateurs of Barcelona | 609,707 |
| OH3NE | 508,821 |
| SKØMK | 434,989 |
| OEVSV | 374,992 |
| Taganrog Contest Club | 351,336 |
| Fox Radio Club | 315,238 |
| Noviomagnum Club | 269,352 |
| Ham Society of the Philippines | 221,528 |
| SP8KEA | 173,074 |
| Satsuki Ham Club | 162,041 |
| Virgin Islands Amateur Radio Club | 133,895 |
| Radio Club Subotica | 98,261 |
| YV DXperts | 85,050 |
| Tokyo International ARA | 81,654 |
| MONS | 12,453 |



Say You Saw It In CQ

ON6VL, ON7ZV, ON7PC, ON8CMB. **OT2D**: ON1AWB, ON4ABW, ON4AEW, ON4ALC, ON4AML, ON4AWU, ON4DB, ON4EX, ON4WD, CN5FF, ON5AT, CN5SH, ON5UM, ON5WL, ON6EV, ON6MR, ON7CS, ON7SF. **OZ5EDR**: OZ1BFM, OZ5ABD, OZ5ABN, OZ5LH, OZ8SW. **PAØKHS** & PA3ENJ, PA3EYZ.

**PI4COM**: PA3BUD, PA3BBP, PBØAIU, PA3EWM, PA3CAL, PA3DMH. **PI4ZLD**: PA3EOB, PA3GCU, NL-8884. **R6Y**: UA6YHF, RA6YY, UV6ADE, UV6AEW, RA6AX, UA6-101-29ØØ. **RB4IYJ**: UB5IAN, UB5-Ø73-3972, UB5-Ø73-4354. **RK3A**: UA3A3J, UA3-17Ø-126, UA3AO, UA3-17Ø-1169, UV3AEV, UA3-17Ø-79. **RK3B**: UA4POL, UA3AGW, UL7IDX, RV3DAZ, Alex, UV3DCX, RV6HM. **RL5P**: UL7PAE, UL7PCZ, UL7PBD, UL7PIJ, UL7PL, RL7PLY. **RW9C**: RA9CU, UW9CK, UW9CZ, RW9CZ. **S55AA**: S53BM, S53EO, S53VV, S55AA, S53WW. **S79S**: K1XM, KQ1F. **SKØHB**: SMØSYP, SMØTHN, SMØHEP. **SKØUX**: SMØDRD, SMØJHF. **SK5AA**: SM5ACQ, SM5FUG, SM5LNE, OK1NR. **SK7JD**: SM5OJH, SM7NAS, SM7SRC, SM7HQD, SM7EWG. **SP3KAU**: SP3SLU, SP3XBB, SP3DAH. **SV1SV**: SV1JA, SV1LV, SV1ME, SV1MF, SV1NA, SV1SB, SV1SQ, SV1BDC, SV1BKF.

**TM5SA**: F1NYQ, F6EEM, F6IMS. **TM5V**: F8VQ, F6HBR, F6IIE, F1HEW, F1OBK, F1OTZ, F1TFP, FC1PCS. **TM9C**: F5IN, F6ARC, F1LGE, F5QF, F6DZS. **UT4JWC**: UT5-187-168, UQ2-037-391. **UW2F**: UA2FF, UA2FZ, RA2FA, UA2-125-767. **UX1A**: RV1AO, RV1AW, RW1AC, UA1ABR, UA1AIU, UA1ARL, UA1BX, UT5UGR, UV1AA, UW1AE, UA1-169-823, UA1-169-2475. **UZ1AWO**: UA1AQF, UA1-169-2391, UA1-169-9ØØ. **UZ1OWZ**: UA1-113-244, UA1-113-298, UA1-113-630. **UZ3GXL**: RA3GX, UA3GHL, UA3GEC. **UZ3GYM**: RW3GM, RA3GJ, RV3GJ, RA3GAA, UA3GAF, UA3GAV, UA3GFO, UA3-137-1053. **UZ4HXX**: RA4HRI, UA4HOX, UA4HVX. **UZØCWW**: UIAØCHW, UIWØCR, UIAØCF. **UZ4LXD**: Club. **YT1R**: Club. **GS4TMS**: Club. **UZ9AWN**: RA9AQ, RA9AX, RA9ANR, RA9AMT, UV9AAA, UA9-165-2820, UA9-165-2821. **UZ9XWH**: UA9XLZ, UA9XJV, UA9XFY. **VD7SV**: VE7AGC, VE7AHA, VE7CT, VE7VR, VE7CC, VE7SV, VE7XR.

**VE1RNS**: VE1AI, VE1JMM. **VE6AO**: VE6AMR, VE6AJL, VE6GHM, VE6TFM, VE6GLR, VE6KC, VE6GUN, VE6COD, VE6CIZ, VE6CGY. **VQ9IO**: VQ9KC, VQ9IW, VQ9QM, VQ9RB, VQ9YA. **WØCP** & K9AY, KØEU, N3SL, WØCP. **W1BK** & WA1VAR, K1TXH. **W1OO** & W1FJ, K1JKS. **W1XE/Ø** & KRØU, WØKEA, NØOCC. **W2UI** & N3KR. **W3GG** & WD3I. **W5WMU** & AC5K, K5GA, K5LZO, KZ5D, N5IVF, N5RP, W5ASP, W5XZ. **W6GO** & AA6WJ, KF6A, N6IG, NB6G. **W8BI**: Club. **WD8LLD** & KU8E, N8JEC, W8XM, WD8AUB. **W9KDX** & K9RN, KS9W. **WA6IET** & W2KVA. **WA8TOB** & KK8J. **WE1B** & WF1L, KA1EUX, WA1LNP, WY1A. **WU3A** & NS2K. **WW2Y** & K2WI, N2NU. **Y33VL** & DL2DXA, DL5DQZ, DL6DQB, DL8WAA, Y33UL. **Y38I**: DK9FE, DL1AWI, DL3APO, DL5XU, DL9AWI. **YL1ZR**: YL3AD, YL2QD, YL2IP. **YU7BCF**: Club. **ZA1A**: ZA1E, ZA1J, ZA1M, ZA1S, ZA1Z, ZA1AB. **ZC4Z**: G3SXW, GM3YTS, K5VI, K7GE, KC7V, N7BG. **4N7M**: YT7AC, YT7TY, YU7AM, YU7AL, YT7NW, YU7RW, YU7XL, 4N7MRN. **9A5D**: 9A2FK, 9A2TL, 9A3VM, 9A3AM, 9A2QH, 9A3NY.

## STATION OPERATORS
## Multi-Op Multi-Transmitter

**AA6TT** & WA6CTL, AI9X, AA5B, AB5K, OH6DO, F1JTL, N2PC, AD5Q, NØST, N5SDO. **AB2E** & WT3Q, NU3Y, KC3NE, WG3T, WE3E. **AD1C** & K1FWE, K1MNS, K1TWF, K1ZYW, KT1O, NV1J, NW1U, NX1G, NX1H, NX1P. **DF3QG** & DJ1FC. **DF9CY** & DL9LBI, DJ5AZ. **DLØCS**: DD7LO, DF1LX, DF4PA, DF5GX, DF7RX, DF9LJ, DK1PD, DK2OY, DK4LI, DK4VW, DK6WL, DL1LAA, DL2HBX, DL3LAB, DL2LBP, DL3EBY, DL4MCF, DL5LS, DL6LBB, DL6RAI, DL9LBA, UA2FJ, UA2FX. **DLØKF**: DF3LP, DL3LBX, DJ4SO, DJ6TK, DJ7SW, DL8LBM, DJ9MT, DL2KUN, DL3KUA, DJ4FZ, DK7XS, DL2ZT **DLØWU**: DJ8UV, DL4DAB, DF5JB. **EA9EA**: EA1AK, EA4BB, EA4KA, EA4KR, EA5RS, EA7PN, EA7TL, EA7CEZ, EA7GZJ, EA9EO, EA9GK, EA9TY. **EZ6L**: UA6LC, JA6LV, UA6LFG, UB3IW, UV6LPL. UA6-15Ø-1Ø6Ø, UA6-15Ø-1ØØ, UA6-15Ø-11Ø3, LA6-15Ø-14Ø2.

**GB5CW**: G3SZA, AA6MC. **GW8GT**: G3OAY, G4VXE, GW4LXO, G4IFB, G3SQX, G4BKI, G4BLX, G3LNS, G3NKC, G3SJJ, G3XTT, G4FAM, DL1EFD. **HG73DX**: Operators from HG3DXC, HG5A, HG6N, and HGØD. **JA1YDU**: JHØNZN, JHØLFE, JO1RUR, Takagi, JRØJFM, JF7TFK, JS1ACQ, JE1FEE, JG3AXP, JQ1BRW, JI2UYK, JJ3OLZ, 7L1GUE. **JA1YXP**: JQ1UXN, JS1INN, JE1BHJ, JI2KRK, JI7QPV, 7M1DVT, 7N1IAP, JF1QOW, J. Nakamura, JJ1OJG, JS1KEX, 7N1SYP, JP1AEQ, 7K1QCE, JFØEWJ, JS2XHN, JI6WOH. **JA3YBF**: JF3HXJ, JH3NFZ, JL3AKW, JL3RQH, JC3BMB, JO3LDN, JF4FUF, JG4CLV, JA9TOZ, JH9GRM. **JA3ZOH**: JE3MAS, JF3DRI, JG3KIV, JG3ODG, JH4IFF. **K1AR** & K1EA, K1GQ, K1MM, K1MEM, W1RM. **K2TD** & WB2YOF, WB2R, WB2VCV. **K3II** & NA3K.

**KHØAM**: JE1CKA, JI1QPU, JK1GRI, JP1OGL, 7K1PTT, AHØK, JE2JCV, JK2PNY, JL2TZC, JA7RHJ, JE7BIZ, JR7OMD, JA9SSY, JA9VDA. **KY1H** & KB1W, NQ1R, KJ4KB, NJ1T, KM1P, NB1Y, NT2X, NS1M, WA1ZAM, KR1R, NU1P. **KY3N** & WB3LFZ, WB3FIZ, WU3M, NF2L, NN3C. **LU4FM**: LU5UL, LU5UAI, LU2UDS, LU6EBI, LU6UO, LU5EW. **LY7A**: LY2NK, LY2OO, LY2BFN, LY2BMX, LY2BUH, LY3BN, LY3BBC, LY1DI, LY1DF, LYR-546, LYR-1751, LYR-1853. **N2RM** & N4HY, KA2AEV, WA2STM, KZ2S, N2AA, K2TW, K3UA, KR2J, W2PQ, WM2H, KB2BF. **N6CQ/3** & NY3G, WF3T, WD3U. **N6DX** & AA6AA, AC5T, AD6C, AE6E, KA6LAF, KY7M, N6IC, NY6Y, N3SR, N6VR, WA6CDR, WB6SHD. **NL7G** & AL7BL, KL7PJ, KL7U, KL7Y, KR8V, N7DF, NL7G, NL7QP, NL7VJ, WL7E. **NQ4I** & AA4CA, AA4VD, KB4GID, KC4QCW, WI4R, WØMHS, KØDI, KF4CI, KB4HZ.

**OG4NVX**: OH4MFA, OH4NWW, OH4NVX. **OHØW**: OH1EH, OH1MDR, OH1NOA, OH6EI, OH6LI, OH6LK, OH6YF, OH8MCT, OH8PF. **OZ4HAM**: OZ2JZ, OZ2ADY, OZ8PER, CZ5ACG. **OZ5WQ** & OZ3ZW, OZ3PE, OZ1BIZ. **RY1I**: RB4IZ, UB3IO, UB3IM, RB4II, UB5IUA. **VE2CSI**: NI8L, K8NZ, WR3G, VE2RQB, VE2XY. **VE7ZZZ**: VE7AV, VE7DP, VE7FQZ, VE7QO, VE7RBL. **VS6WO**: NA9D, WX3N, AG9A, WX9E, K4VX, VS6BG, VS6UW, VS6WV. **WØAIH** & KØFVF, KA9FOX, KØTG, WAØRBW, WBØADO, WWØL, KMØO, NB9C, WØUC. **W3LPL** & K1DQV, KA1GD, ND3A, N3GB, K3NA, KF3P, WZ3Q, K3RA, N3RR, K3SO, WR3Z, N4QQ, KE9A. **W4MYA** & N4ND, WA4DAI, KD4HEL, K4BAM, WA4PGM, Vicky. **W6BA** & N6AV, N6AW, K7JYE, NF6H, NC6U, N6MU. **W6BA** & N6AV, N6AW, K7JYE, NF6H, NC6U, N6NU. **WB2P** & K3UO. **ZM2K**: ZL2BI, ZL2IN, ZL2IR, ZL4OY, ZL4SS, ZL2ACU, ZL2AGY, ZL1AIZ, ZL2BSJ.

**9A1A**: 9A2SD, 9A2FA, 9A2MP, 9A2RA, 9A3FI, 9A2YW, 9A2NO, 9A2CT, 9A2QS, 9A2FU, 9A2HO, 9A2NJ, 9A2AW, 9A2OS, 9A2MY, 9A2NJ, 9A2DQ, 9A2MM, 9A2OH, 9A6ABX, 9A3GW.

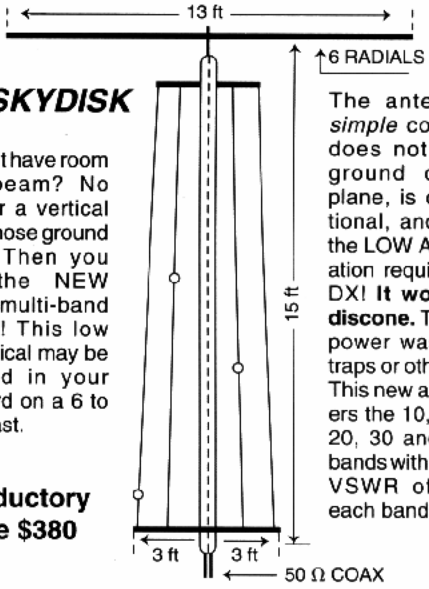
## ZONE LEADERS SINGLE OPERATOR

| Zone | Call | Score | Zone | Call | Score |
|---|---|---|---|---|---|
| 1 | AL7CQ | 314,160 | 21 | A61AC | 5,847,840 |
| 2 | VO2WL | 2,036,438 | 22 | No Entry | |
| 3 | VD7SZ | 3,955,605 | 23 | JT1/UA3DK | 1,789,284 |
| 4 | VE3EJ | 5,011,815 | 24 | BV/K1RX | 3,421,748 |
| 5 | N4RJ | 5,851,152 | 25 | JHØKHR | 3,755,376 |
| 6 | XE1/AA6RX | 2,723,870 | 26 | No Entry | |
| 7 | HP1AC | 304,304 | 27 | KG6DX | 694,944 |
| 8 | 8P9Z | 8,047,212 | 28 | 9M6NA | 5,814,765 |
| 9 | P4ØW | 9,554,775 | 29 | VK8AV | 1,730,814 |
| 10 | HC8N | 10,773,628 | 30 | VK3DXI | 1,867,762 |
| 11 | PTØF | 4,971,754 | 31 | NH6T | 5,761,254 |
| 12 | XR3A | 982,500 | 32 | ZK1TB | 477,615 |
| 13 | CXØCW | 1,818,656 | 33 | EA8EA | 11,966,372 |
| 14 | EA6ZY | 3,946,019 | 34 | No Entry | |
| 15 | S52AA | 5,195,440 | 35 | 6V6U | 7,760,746 |
| 16 | UB7W | 2,709,504 | 36 | ZD8LII | 1,560,405 |
| 17 | UA9XEN | 428,792 | 37 | C9RJJ | 3,108,266 |
| 18 | RWØAB | 1,291,980 | 38 | ZS6EZ | 5,878,726 |
| 19 | RAØFB | 102,114 | 39 | D68GA | 1,281,660 |
| 20 | JY8VJ | 8,031,168 | 40 | JW9XG | 1,647,992 |


**SOMMER VERTICAL ANTENNA**

NEW

**10-12-15-17-20-30-40M**

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You don't have room for a beam? No room for a vertical with all those ground wires? Then you need the NEW DJ2UT multi-band vertical! This low cost vertical may be mounted in your back yard on a 6 to 10 ft. mast.

**Introductory price $380**

The antenna is of *simple* construction, does not require a ground or ground plane, is omni directional, and produces the LOW ANGLE radiation required for real DX! **It works like a discone.** There are no power wasting coils, traps or other gadgets. This new antenna covers the 10, 12, 15, 17, 20, 30 and 40 meter bands with a maximum VSWR of 1.4 over each band!

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NEW

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**ME-300** - Tiny in-the-ear headset with high quality tie-clip mic and inline locking or momentary P.T.T. switch. For Kenwood, Icom, Yaesu and others.

**MD-400** - Compact, high quality gooseneck- type desk mic with P.T.T. and up/down buttons. Deluxe weighted di-cast base. Superb audio. Complete with attractive foam windscreen. Models pre-wired for Kenwood, Icom and Yaesu.

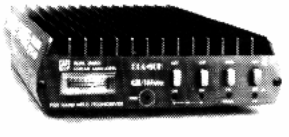
NEW

**Compact, Full Duplex, GaAsFET Pre-amps!**

**DLA-25H** - The perfect companion for dual band HTs while mobile! 25+ W kick on either band w/ 200mW to 6W drive for solid repeater coverage. Front panel output meter, switchable, all-mode for CW/ SSB.

**DLA-50H** - 50+W out on both 2 meters & 440MHz w/ 200mW to 15W drive. Plenty of power for those DX repeaters & reliable simplex operation. The perfect medium power dual band HT amp - and only from Daiwa!

**DLA-80II** - Heavy duty version, high power dual band linear amp. Full output (80+VHF, 60+UHF) from 3-25W drive - perfect for dual band HTs and mobile rigs!. All-mode operation for CW/SSB, built-in fan for continuous-duty operation and more!



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Number groups after call letters denote following: Band (A = all), Final Score, Number of QSOs, Zones, and Countries. An asterisk before a call indicates low power. Certificate winners are listed in boldface. (All country terminology reflects the DXCC list at the time of the 1992 contest. The 1993 contest and results will reflect political changes since that time.)

# CW RESULTS
# SINGLE OPERATOR
# NORTH AMERICA

## UNITED STATES OF AMERICA

| | | | | | | |
|---|---|---|---|---|---|---|
| **KM1H** | **A** | **5,675,756** | **3053** | **163** | **483** | **(Opr. KQ2M)** |
| **W1KM** | **"** | **5,394,604** | **3012** | **162** | **452** | |
| **N6BV/1** | **"** | **4,107,368** | **2640** | **140** | **396** | |
| **K1ZZ** | **"** | **4,055,069** | **2304** | **153** | **466** | |
| W2SC | " | 3,645,008 | 2274 | 142 | 415 | |
| W1WEF | " | 3,193,664 | 2009 | 145 | 411 | |
| K5MA/1 | " | 2,604,129 | 1732 | 138 | 379 | |
| W1BR | " | 1,382,829 | 1000 | 122 | 361 | |
| N1CC | " | 1,186,485 | 1001 | 113 | 302 | |
| KA1DWX | " | 1,007,453 | 829 | 115 | 306 | |
| W1ZK | " | 941,216 | 768 | 125 | 314 | |
| AK1N | " | 800,672 | 728 | 105 | 277 | |
| W1EYT | " | 789,528 | 686 | 107 | 295 | |
| WA3ECT | " | 760,200 | 641 | 109 | 311 | |
| K1VDT | " | 552,133 | 687 | 65 | 198 | |
| K1MBO | " | 236,376 | 339 | 74 | 178 | |
| AI3E | " | 138,768 | 244 | 53 | 143 | |
| W1FV | " | 36,864 | 134 | 26 | 70 | |
| **K2SS/1** | **21** | **691,185** | **1419** | **35** | **130** | |
| KC1SJ | " | 455,920 | 964 | 35 | 129 | |
| K1VUT | " | 266,400 | 628 | 34 | 114 | |
| **W1YN** | **14** | **85,674** | **229** | **36** | **95** | |
| **K8PO** | **7** | **821,473** | **1692** | **35** | **132** | |
| K1UO | " | 493,580 | 1163 | 34 | 111 | |
| W1BIH | " | 207,242 | 540 | 31 | 100 | |
| W1OP | " | 92,169 | 354 | 28 | 71 | |
| | | | | | | (Opr. KA1ZRO) |
| K3FN | " | 66,550 | 193 | 29 | 92 | |
| AA1VI | " | 18,696 | 116 | 13 | 44 | |
| **K1IU** | **3.5** | **315,826** | **934** | **28** | **91** | |
| W1MK | " | 275,600 | 948 | 25 | 79 | |
| ***KM1X** | **"** | **1,266,515** | **1044** | **117** | **322** | |
| ***KG1D** | **A** | **1,200,600** | **1156** | **117** | **297** | |
| *K1EBY | " | 1,195,821 | 1005 | 114 | 309 | |
| *WA1FCN | " | 1,060,575 | 938 | 109 | 286 | |
| *WS1E | " | 1,003,408 | 826 | 121 | 313 | |
| *K1YRP | " | 998,010 | 900 | 109 | 281 | |
| *N1IIOQ | " | 707,328 | 664 | 100 | 284 | |
| *K1TN | " | 444,864 | 475 | 85 | 246 | |
| *K1VWL | " | 320,264 | 395 | 100 | 201 | |
| *N1HFE | " | 299,450 | 416 | 85 | 180 | |
| *WØMHK | " | 294,021 | 305 | 100 | 259 | |
| *W3SOH/1 | " | 255,235 | 400 | 60 | 161 | |
| *KA1WIF | " | 233,750 | 344 | 72 | 178 | |
| *N1JAC | " | 228,984 | 355 | 65 | 167 | |
| *KB1AJY/AG | " | 165,750 | 301 | 62 | 133 | |
| *K8JLF | " | 121,912 | 223 | 61 | 135 | |
| *WZ1K | " | 96,096 | 264 | 62 | 114 | |
| *K1VSJ | " | 4,185 | 35 | 21 | 24 | |
| *KB1KM | 28 | 14,365 | 82 | 22 | 43 | |
| **N2NT** | **A** | **5,705,000** | **3140** | **153** | **472** | |
| **N2LT** | **"** | **4,723,894** | **2682** | **157** | **445** | |
| K2SIG | " | 1,466,956 | 1178 | 116 | 328 | |
| N2GC | " | 1,262,656 | 918 | 128 | 368 | |
| WA2VYA | " | 1,249,246 | 996 | 114 | 332 | |
| K3JGJ/2 | " | 1,130,745 | 1023 | 108 | 277 | |
| K2ONP | " | 1,011,522 | 996 | 100 | 261 | |
| K2NV | " | 852,852 | 800 | 99 | 265 | |
| WA2ASM | " | 838,877 | 808 | 108 | 265 | |
| KD2YP | " | 669,396 | 654 | 98 | 266 | |
| WA2ORX | " | 629,952 | 592 | 112 | 274 | |
| K2JLA | " | 582,036 | 573 | 101 | 263 | |
| NN2G | " | 556,443 | 594 | 99 | 234 | |
| W2WD | " | 446,652 | 462 | 106 | 236 | |
| K2OIY | " | 344,610 | 400 | 92 | 223 | |
| WA2UDT | " | 301,350 | 430 | 68 | 108 | |
| K2FL | " | 265,430 | 369 | 76 | 178 | |
| W2FXA | " | 250,458 | 352 | 75 | 172 | |
| KK2M | " | 222,855 | 314 | 76 | 173 | |
| WA2WYR | " | 220,188 | 338 | 77 | 159 | |
| WB2ZMK | " | 129,150 | 213 | 69 | 141 | |
| NF2K | " | 63,189 | 133 | 66 | 111 | |
| KB2SF | " | 12,166 | 62 | 32 | 47 | |
| **WB2YQH** | **28** | **176,624** | **458** | **33** | **103** | |
| K2ZJ | " | 140,832 | 445 | 27 | 81 | |
| **K2VV** | **14** | **943,920** | **1718** | **40** | **150** | |
| N2BA | " | 765,525 | 1537 | 39 | 134 | |
| N2MBM | " | 612 | 23 | 8 | 10 | |
| **K1ZM** | **3.5** | **416,160** | **1059** | **30** | **106** | |
| N2KW | " | 70,470 | 290 | 17 | 70 | |
| W2FR | " | 42,230 | 185 | 19 | 63 | |
| **K2EK** | **1.8** | **34,522** | **175** | **19** | **63** | |
| W2FCR | " | 4,704 | 42 | 10 | 21 | |
| ***W2TZ** | **A** | **1,986,240** | **1617** | **121** | **359** | |
| ***WG3I** | **"** | **841,061** | **750** | **115** | **288** | |
| | | | | | | **(Opr. G4FRE)** |
| *AA2EM | " | 575,024 | 617 | 92 | 240 | |
| *KE2ZU | " | 559,383 | 561 | 108 | 255 | |
| *KF2ET | " | 510,939 | 463 | 111 | 286 | |
| *K2DW | " | 436,296 | 540 | 89 | 205 | |
| *WA2VZQ | " | 321,782 | 459 | 80 | 171 | |
| *KA2AOT | " | 310,456 | 370 | 88 | 214 | |
| *KW2J | " | 293,664 | 375 | 96 | 208 | |
| *N2JOH | " | 224,982 | 320 | 85 | 176 | |
| *NA2Q | " | 221,112 | 315 | 85 | 164 | |
| *K3GYS | " | 192,360 | 308 | 69 | 160 | |
| *K2SWZ | " | 156,323 | 269 | 71 | 152 | |
| *K2TCK | " | 137,428 | 276 | 46 | 126 | |
| *K2UF | " | 131,875 | 231 | 70 | 141 | |
| *W9IHH | " | 115,753 | 220 | 55 | 132 | |
| *W2OMV | " | 104,832 | 290 | 35 | 93 | |
| *KM2L | " | 99,710 | 209 | 51 | 118 | |
| *W32JFP | " | 90,420 | 208 | 52 | 113 | |
| *N2INN | " | 81,663 | 194 | 58 | 105 | |
| *WA2VEZ | " | 58,725 | 148 | 55 | 90 | |
| *W32SPN | " | 39,688 | 117 | 38 | 83 | |
| *WY2E | " | 20,079 | 100 | 16 | 53 | |
| *AE2N | " | 19,520 | 91 | 32 | 48 | |
| *W2AOY | " | 14,328 | 77 | 26 | 46 | |
| *KB2NOC | " | 7,830 | 54 | 21 | 37 | |
| *N2JE | " | 1,128 | 17 | 9 | 15 | |
| ***K2MFY** | **28** | **155,241** | **384** | **32** | **109** | |
| ***K2AW** | **14** | **118,430** | **314** | **33** | **97** | |
| *W2NNR | " | 5,617 | 48 | 14 | 27 | |
| ***K2POF** | **7** | **83,752** | **257** | **28** | **88** | |
| *WA2ASQ | " | 31,228 | 151 | 17 | 57 | |
| **K3ZO** | **A** | **4,949,992** | **2979** | **157** | **421** | |
| **W3BGN** | **"** | **4,257,147** | **2481** | **155** | **438** | |
| W3UM | " | 2,386,814 | 1470 | 145 | 417 | |
| AK3Z | " | 2,369,630 | 1567 | 142 | 384 | |
| | | | | | | (Opr. K2PH) |
| K3MD | " | 2,138,304 | 1668 | 127 | 321 | |
| W3RJ | " | 1,470,924 | 1142 | 118 | 331 | |
| K3KO | " | 1,059,300 | 918 | 99 | 297 | |
| KL7HIR/3 | " | 701,064 | 698 | 104 | 260 | |
| W3GK | " | 671,220 | 600 | 121 | 275 | |
| W3AZ | " | 666,135 | 599 | 115 | 278 | |
| WF3L | " | 654,831 | 711 | 87 | 220 | |
| W3GN | " | 518,175 | 586 | 95 | 220 | |
| W3NX | " | 436,258 | 471 | 100 | 231 | |
| WF3M | " | 421,950 | 515 | 91 | 200 | |
| W3EVW | " | 338,112 | 423 | 94 | 194 | |
| K4JLD | " | 337,280 | 385 | 115 | 205 | |
| W3QIR | " | 157,850 | 282 | 62 | 143 | |
| W3DAD | " | 93,396 | 193 | 55 | 119 | |
| KM3D | " | 79,380 | 201 | 37 | 98 | |
| WF3J | " | 79,344 | 174 | 60 | 114 | |
| WK3V | " | 45,440 | 13 | 51 | 77 | |
| N3RW | " | 27,468 | 118 | 23 | 61 | |
| W3FQE | " | 21,510 | 91 | 34 | 56 | |
| **KN5H** | **28** | **231,564** | **586** | **31** | **107** | |
| NZ3O | 14 | 1,170 | 17 | 11 | 15 | |
| **W2UP/3** | **7** | **521,076** | **1057** | **37** | **136** | |
| **W3GH** | **"** | **467,892** | **992** | **36** | **128** | |
| **WE3C** | **3.5** | **153,930** | **545** | **28** | **77** | |
| KO7V | " | 72,980 | 299 | 20 | 69 | |
| ***KX3Y** | **A** | **1,019,151** | **810** | **118** | **206** | |
| *W3UJ | " | 992,670 | 823 | 105 | 301 | |
| *W3HVQ | " | 963,200 | 966 | 96 | 254 | |
| *K5ZD | " | 923,286 | 815 | 112 | 287 | |
| *KB3MM | " | 633,216 | 594 | 107 | 277 | |
| *WK3H | " | 392,156 | 444 | 90 | 226 | |
| *W3GM | " | 241,345 | 370 | 79 | 156 | |
| *WT3P | " | 228,585 | 338 | 66 | 179 | |
| *AD8J | " | 182,832 | 314 | 52 | 84 | |
| *WJ3Y | " | 172,538 | 228 | 88 | 185 | |
| *W3CPB | " | 102,980 | 207 | 67 | 123 | |
| *K3ZA | " | 101,851 | 205 | 62 | 117 | |
| *K3NL | " | 15,680 | 75 | 30 | 50 | |
| *W3IU | " | 1,210 | 26 | 11 | 19 | |
| ***WK3P** | **28** | **37,284** | **205** | **25** | **53** | |
| *W36YGI/3 | " | 21,225 | 100 | 26 | 49 | |
| *WW3S | 14 | 22,275 | 98 | 23 | 58 | |
| **N4RJ** | **A** | **5,851,152** | **2966** | **172** | **509** | |
| | | | | | | **(Opr. KM9P)** |
| **W4RX** | **"** | **3,755,216** | **2246** | **153** | **423** | |
| **N6AR** | **"** | **3,687,670** | **1873** | **175** | **520** | |
| K4POL | " | 3,017,698 | 1929 | 141 | 400 | |
| W4XJ | " | 2,240,430 | 1541 | 142 | 368 | |
| AA4S | " | 2,202,839 | 1646 | 133 | 334 | |
| WZ4F | " | 1,714,552 | 1273 | 141 | 335 | |
| W3VT | " | 1,497,432 | 1026 | 130 | 386 | |
| K7SV | " | 1,418,274 | 1018 | 136 | 358 | |
| N4ZC | " | 1,259,874 | 786 | 151 | 416 | |
| N4TO | " | 1,200,947 | 902 | 129 | 344 | |
| K4GKD | " | 875,500 | 733 | 132 | 293 | |
| WB4FOT | " | 766,692 | 736 | 108 | 264 | |
| N4MM | " | 333,846 | 382 | 96 | 210 | |
| AB4RX | " | 297,332 | 390 | 96 | 191 | |
| W3FTG | " | 253,356 | 359 | 85 | 173 | |
| AA4XU | " | 222,132 | 357 | 63 | 151 | |
| N4UH | " | 210,826 | 289 | 82 | 177 | |
| W4WKQ | " | 198,016 | 328 | 76 | 145 | |
| N4BNO | " | 177,156 | 258 | 82 | 88 | |
| WA3NKC | " | 151,008 | 262 | 62 | 146 | |
| AC1O | " | 148,803 | 204 | 81 | 176 | |
| W4GTS | " | 124,912 | 254 | 73 | 138 | |
| KC2KU | " | 71,421 | 146 | 53 | 116 | |
| WB8BMW | " | 70,650 | 160 | 55 | 102 | |
| NO4J | " | 48,348 | 117 | 53 | 100 | |
| W4LMJ/AE | " | 38,868 | 113 | 44 | 79 | |
| AC4HF | " | 29,853 | 113 | 42 | 65 | |
| **KT4W** | **28** | **416,760** | **968** | **34** | **117** | |
| **N4ZZ** | **"** | **358,239** | **857** | **34** | **113** | |
| N4UA | " | 290,080 | 677 | 32 | 116 | |
| W34UBD | " | 72,885 | 225 | 30 | 83 | |
| WA4QMQ | " | 55,328 | 171 | 27 | 85 | |
| K4PIC | " | 51,876 | 193 | 25 | 74 | |
| **N4CT** | **21** | **577,368** | **1228** | **37** | **125** | |
| N3KK | " | 540,662 | 1128 | 37 | 129 | |
| N4IR | " | 239,776 | 700 | 29 | 89 | |
| NQ4K | " | 26,220 | 101 | 28 | 64 | |
| **K4RZ** | **14** | **65,230** | **209** | **33** | **80** | |
| **K4XS** | **7** | **683,459** | **1437** | **36** | **127** | |
| **KBØG** | **"** | **636,720** | **1306** | **34** | **134** | |
| W4BQF | " | 267,344 | 932 | 22 | 76 | |
| WR4K | " | 120,978 | 305 | 32 | 109 | |
| WB4IUX | " | 84,870 | 272 | 26 | 89 | |
| NI4Y | " | 67,430 | 219 | 24 | 86 | |
| KA4FRU | " | 60,840 | 214 | 29 | 75 | |
| **KT3Y** | **3.5** | **205,683** | **695** | **25** | **86** | |
| KØØU | " | 117,938 | 391 | 24 | 85 | |
| WA4SVO | " | 44,064 | 216 | 17 | 55 | |
| K6ETM/4 | " | 13,923 | 100 | 12 | 39 | |
| **K4TEA** | **1.8** | **11,880** | **83** | **17** | **43** | |
| KI6MS/4 | " | 5,848 | 74 | 12 | 31 | |
| W4JVN | " | 108 | 7 | 4 | 5 | |
| ***K7SV/4** | **A** | **1,335,780** | **1005** | **136** | **356** | |
| ***N4YDU** | **"** | **1,095,578** | **994** | **110** | **308** | |
| *KB3MP/4 | " | 963,022 | 970 | 99 | 283 | |
| *W4OUN | " | 560,292 | 623 | 109 | 274 | |
| *KN4QV | " | 555,473 | 700 | 100 | 243 | |
| *KC4TEO | " | 491,040 | 530 | 98 | 243 | |
| *N4OI | " | 313,038 | 378 | 94 | 203 | |
| *KA2CDJ/4 | " | 211,232 | 275 | 101 | 186 | |
| *W4PLL | " | 203,740 | 317 | 83 | 161 | |
| *NK9C | " | 201,261 | 321 | 66 | 153 | |
| *KC4UH | " | 141,440 | 240 | 76 | 145 | |
| *WG4F | " | 134,757 | 265 | 60 | 129 | |
| *W4VC | " | 96,922 | 218 | 59 | 102 | |
| *AA4KD | " | 89,570 | 198 | 59 | 110 | |
| *W4YN | " | 79,362 | 162 | 55 | 103 | |
| *N4KE | " | 64,750 | 133 | 57 | 118 | |
| *K1FIR | " | 32,640 | 125 | 35 | 61 | |
| *W4OGG | " | 26,410 | 98 | 30 | 66 | |
| *AC4JI | " | 23,828 | 93 | 34 | 58 | |
| *W4OVU | " | 14,000 | 64 | 28 | 52 | |
| *AC4PZ | " | 1,302 | 56 | 5 | 6 | |
| *K4KUZ | " | 504 | 10 | 9 | 9 | |
| ***WB4TDH** | **28** | **250,962** | **572** | **34** | **117** | |
| *N3JT | " | 66,736 | 237 | 22 | 75 | |
| ***N4MO** | **21** | **321,539** | **851** | **33** | **104** | |
| *KK4SM | " | 120,171 | 341 | 30 | 93 | |
| ***K1HBX** | **7** | **35,002** | **163** | **20** | **66** | |
| *N4LZ | 1.8 | 392 | 15 | 7 | 7 | |
| **K5GN** | **A** | **3,766,785** | **2161** | **167** | **450** | |
| **WM5G** | **"** | **1,246,665** | **1086** | **114** | **269** | |
| WE5P | " | 962,676 | 805 | 129 | 300 | |
| NL1V | " | 674,583 | 943 | 95 | 178 | |
| WA5SOG | " | 89,745 | 217 | 54 | 101 | |
| **KA5W** | **28** | **446,439** | **1078** | **34** | **113** | |
| | | | | | | **(Opr. KS1G)** |
| K5RX | " | 347,626 | 843 | 33 | 113 | |
| NA5C | " | 205,100 | 529 | 34 | 106 | |
| **W5VX** | **21** | **511,187** | **1063** | **36** | **131** | |
| AA5ZQ | " | 340,816 | 887 | 35 | 101 | |
| WB5UDX | " | 194,180 | 482 | 34 | 106 | |
| **K5MR** | **14** | **505,225** | **1017** | **39** | **135** | |
| **N5CR** | **"** | **481,929** | **1085** | **38** | **121** | |
| **K5NU** | **7** | **244,640** | **548** | **34** | **125** | |
| W5UN | " | 189,736 | 443 | 36 | 112 | |
| K5UA | " | 32,480 | 141 | 21 | 59 | |
| **N5RZ** | **3.5** | **92,538** | **347** | **25** | **72** | |
| **K5UR** | **1.8** | **25,612** | **133** | **22** | **54** | |
| ***N8RR** | **A** | **1,185,845** | **897** | **135** | **352** | |
| ***N5AW** | **"** | **1,062,400** | **749** | **145** | **367** | |
| *K5KLA | " | 990,012 | 773 | 119 | 285 | |
| *K5IID | " | 534,006 | 639 | 100 | 197 | |
| *NN5T | " | 313,053 | 389 | 111 | 188 | |
| *WT5U | " | 223,554 | 387 | 75 | 147 | |
| *K5HDU | " | 208,951 | 335 | 75 | 148 | |
| *N5HB | " | 97,272 | 203 | 59 | 109 | |
| *WB5R | " | 54,404 | 138 | 44 | 90 | |
| *N5XUS | " | 37,700 | 133 | 50 | 66 | |
| *KT5Q | " | 31,110 | 98 | 47 | 75 | |
| *NZ5O | " | 28,574 | 142 | 42 | 49 | |
| *W5/JFØVCY | " | 8,060 | 60 | 18 | 34 | |
| ***NY5B** | **21** | **75,438** | **280** | **31** | **68** | |
| ***KD5IA** | **14** | **98,171** | **292** | **36** | **91** | |
| **N6UR** | **A** | **3,729,600** | **2519** | **152** | **365** | |
| | | | | | | **(Opr. KR6X)** |
| **W6QHS** | **"** | **2,426,052** | **1701** | **163** | **329** | |
| **W6EEN** | **"** | **2,244,784** | **1691** | **139** | **318** | |
| N6ND | " | 2,091,740 | 1588 | 152 | 317 | |
| | | | | | | (Opr. NI6W) |
| N6EK | " | 1,206,290 | 1211 | 132 | 223 | |
| N6TV | " | 1,063,975 | 1044 | 131 | 234 | |
| N6GG | " | 837,977 | 713 | 134 | 279 | |
| KE6PJY | " | 809,070 | 773 | 126 | 236 | |
| KS6H | " | 652,347 | 712 | 115 | 218 | |
| W6BJH | " | 418,302 | 491 | 106 | 200 | |
| W6FSJ | " | 345,210 | 405 | 114 | 197 | |
| W6NKR | " | 340,572 | 395 | 106 | 197 | |
| W6ISQ | " | 240,857 | 288 | 111 | 186 | |
| W6JTA | " | 221,946 | 371 | 83 | 130 | |
| W6MVW | " | 209,124 | 252 | 115 | 199 | |
| N6CDA | " | 200,005 | 315 | 84 | 137 | |
| W6HAL | " | 125,736 | 806 | 63 | 93 | |
| K6FO | " | 110,561 | 208 | 88 | 121 | |
| K6HIH | " | 106,738 | 236 | 67 | 99 | |
| W6VG | " | 90,312 | 201 | 64 | 95 | |
| N6PYI | " | 87,153 | 147 | 72 | 137 | |
| K6ZUR | " | 83,125 | 170 | 68 | 107 | |
| K6DR | " | 80,595 | 222 | 60 | 75 | |
| KG6AO | " | 60,372 | 178 | 60 | 69 | |
| K6OXU | " | 39,996 | 111 | 58 | 74 | |
| NF6R | " | 31,100 | 113 | 46 | 54 | |
| N6AZE | " | 21,384 | 86 | 42 | 57 | |
| N6KT | " | 19,502 | 76 | 43 | 55 | |
| K6LRN | " | 13,132 | 70 | 24 | 43 | |
| NØDJJ | " | 1,881 | 19 | 14 | 19 | |
| **W6YA** | **28** | **315,892** | **759** | **35** | **116** | |
| N6ZB | " | 168,948 | 539 | 33 | 81 | |
| K6LEB | " | 90,000 | 259 | 31 | 89 | |
| W6BIP | " | 57,800 | 205 | 30 | 70 | |
| NV6O | " | 28,424 | 149 | 24 | 44 | |
| **K4TKM/6** | **21** | **445,005** | **945** | **36** | **129** | |
| N6MZ | " | 261,083 | 717 | 35 | 96 | |
| WZ6Z | " | 220,100 | 653 | 33 | 91 | |
| W6BSY | " | 171,500 | 476 | 33 | 92 | |
| K2LE/6 | " | 5,424 | 42 | 20 | 28 | |
| **N6RO** | **7** | **392,615** | **925** | **35** | **114** | |
| K6XV | " | 191,268 | 537 | 32 | 94 | |
| K6KM | " | 164,000 | 462 | 33 | 92 | |
| K5KT/6 | " | 33,280 | 116 | 31 | 73 | |
| **KT6V** | **3.5** | **87,032** | **351** | **28** | **64** | |
| **N6DX** | **1.8** | **5,070** | **61** | **14** | **25** | |
| K6GNX | " | 1,296 | 33 | 8 | 8 | |
| ***W6JTI** | **A** | **873,624** | **774** | **132** | **277** | |
| ***W6UQF** | **"** | **719,946** | **777** | **15** | **218** | |
| *K4UVT/6 | " | 243,750 | 353 | 88 | 162 | |
| *W6NNV | " | 115,774 | 197 | 82 | 132 | |
| *WD6DXH | " | 114,210 | 262 | 65 | 97 | |
| *AA6DX | " | 91,683 | 215 | 72 | 95 | |
| *N6GL | " | 70,305 | 210 | 55 | 74 | |
| *K6UO | " | 69,360 | 144 | 70 | 100 | |
| *N6NF | " | 41,308 | 130 | 60 | 74 | |
| *W6KNB | " | 40,515 | 138 | 50 | 81 | |
| *W6RCL | " | 39,530 | 134 | 53 | 55 | |
| *AA6EE | " | 38,564 | 145 | 53 | 55 | |
| *N6KI | " | 10,184 | 54 | 35 | 41 | |
| *KA6SST | " | 900 | 28 | 9 | 6 | |
| ***WA6KUI** | **28** | **164,864** | **492** | **31** | **97** | |
| *WA6FGV | " | 53,676 | 230 | 28 | 56 | |
| ***AE9F** | **21** | **68,902** | **200** | **32** | **62** | |
| *KU6T | 7 | 2,000 | 34 | 12 | 13 | |
| **NN7L** | **A** | **2,392,716** | **1905** | **144** | **300** | |
| **K7WK** | **"** | **1,057,632** | **1029** | **120** | **248** | |
| KE7X | " | 1,007,076 | 917 | 133 | 266 | |
| K7LZ | " | 644,468 | 596 | 134 | 254 | |
| W7OM | " | 445,224 | 514 | 109 | 203 | |
| KT7G | " | 316,710 | 450 | 98 | 157 | |
| W7HS | " | 286,520 | 392 | 98 | 162 | |
| AA7JM | " | 224,502 | 372 | 81 | 132 | |
| N7JXS | " | 221,428 | 412 | 71 | 126 | |
| W7WHY | " | 220,534 | 370 | 76 | 138 | |
| KI7Y | " | 146,464 | 230 | 68 | 116 | |
| K7UOT | " | 146,064 | 252 | 73 | 131 | |
| WC7Q | " | 100,589 | 359 | 24 | 73 | |
| WT7MO | " | 94,346 | 221 | 56 | 105 | |
| KX7J | " | 70,007 | 108 | 46 | 91 | |
| KG7DK | " | 68,640 | 153 | 58 | 107 | |
| AA7FL | " | 27,040 | 126 | 33 | 47 | |
| **W7AYY** | **28** | **59,248** | **225** | **28** | **64** | |
| **N7RO** | **21** | **248,168** | **647** | **35** | **99** | |
| **KA7T** | **14** | **138,000** | **403** | **33** | **87** | |
| WA7FAB | " | 121,975 | 367 | 31 | 88 | |
| W7LGG | " | 60,424 | 201 | 32 | 72 | |
| **W7XR** | **7** | **794,992** | **1631** | **38** | **138** | |
| | | | | | | **(Opr. K7SS)** |
| K7ABV | " | 28,124 | 124 | 24 | 55 | |
| K7XX | " | 22,932 | 108 | 24 | 54 | |
| **K9JF/7** | **3.5** | **35,226** | **216** | **21** | **36** | |
| N7RK | " | 11,025 | 96 | 18 | 27 | |
| W7TSQ | " | 9,540 | 113 | 17 | 18 | |
| **N6SS** | **1.8** | **13,112** | **114** | **16** | **28** | |
| KG7D | " | 364 | 11 | 6 | 8 | |
| ***K7MM** | **A** | **328,335** | **418** | **106** | **189** | |
| *WA7UVJ | " | 295,152 | 525 | 82 | 126 | |
| *K6XO/7 | " | 261,967 | 389 | 91 | 150 | |
| *W7QDM | " | 234,972 | 360 | 97 | 147 | |
| *WN7J | " | 221,760 | 358 | 85 | 135 | |
| *W7QN | " | 216,112 | 335 | 82 | 126 | |
| *WA7VNI | " | 208,356 | 409 | 72 | 107 | |
| *N7EPD | " | 198,720 | 342 | 89 | 118 | |
| *N7HUS | " | 180,720 | 353 | 73 | 107 | |
| *K7WA | " | 95,004 | 132 | 70 | 112 | |
| *W7IIT | " | 93,784 | 217 | 66 | 86 | |
| *N7LOX | " | 39,664 | 124 | 62 | 72 | |
| *K7PVT | " | 21,093 | 140 | 39 | 40 | |
| *W7VIH | " | 19,992 | 105 | 33 | 35 | |
| *WGAP/7 | " | 1,025 | 15 | 11 | 14 | |
| ***W7ZR** | **28** | **165,834** | **595** | **31** | **80** | |
| *AA7FK | " | 53,152 | 221 | 27 | 51 | |
| *KA7FEF | " | 16,526 | 186 | 21 | 30 | |
| ***AA7RN** | **21** | **125,112** | **432** | **30** | **74** | |
| *K6OMB | " | 90,720 | 345 | 28 | 52 | |
| *W7KJJ | " | 76,440 | 262 | 30 | 74 | |
| ***WQ7R** | **14** | **33,945** | **163** | **22** | **51** | |
| *NS7K | 1.8 | 286 | 15 | 6 | 5 | |
| *K7OA | " | 160 | 10 | 5 | 5 | |
| **KN8Z** | **A** | **5,436,795** | **2927** | **171** | **466** | |
| | | | | | | **(Opr. WA8YVR)** |
| **K8GL** | **"** | **3,027,674** | **1756** | **154** | **444** | |
| N8AA | " | 1,395,248 | 1001 | 136 | 360 | |
| WA8SAE | " | 967,824 | 740 | 136 | 332 | |
| KE8M | " | 940,400 | 834 | 113 | 287 | |
| KV8H | " | 867,426 | 767 | 111 | 288 | |
| K8QQL | " | 863,200 | 747 | 121 | 296 | |
| N8LM | " | 613,532 | 677 | 98 | 228 | |
| K8DD | " | 354,384 | 405 | 104 | 217 | |
| AG8L | " | 328,183 | 406 | 102 | 205 | |
| WQ8T | " | 316,798 | 381 | 97 | 205 | |
| W8LRY | " | 274,920 | 404 | 74 | 163 | |
| K8SJ | " | 23,504 | 90 | 44 | 60 | |
| WD9INF | " | 16,416 | 82 | 22 | 50 | |
| **K8CX** | **28** | **426,717** | **975** | **34** | **119** | |
| **N8AGU** | **"** | **210,539** | **548** | **30** | **103** | |
| **K8MFO** | **21** | **519,750** | **1091** | **37** | **128** | |
| WB8B | " | 221,366 | 506 | 35 | 116 | |
| **KW8N** | **14** | **815,948** | **1548** | **39** | **142** | |
| | | | | | | **(Opr. NZ4K)** |
| W8TWA | " | 214,064 | 551 | 35 | 101 | |
| **WG8M** | **7** | **112,545** | **332** | **28** | **95** | |
| **W8XD** | **"** | **101,706** | **270** | **30** | **104** | |
| WA8OSE | " | 96,758 | 270 | 30 | 97 | |
| W8MHW | " | 46,004 | 157 | 25 | 81 | |
| W8SJU | " | 25,487 | 131 | 22 | 55 | |
| W8LKG | " | 14,896 | 69 | 19 | 57 | |
| **W8JGU** | **3.5** | **78,642** | **277** | **27** | **75** | |
| ***N8II** | **A** | **2,008,982** | **1419** | **135** | **368** | |
| ***WB8YJF** | **"** | **1,026,084** | **825** | **124** | **320** | |
| *AA8AV | " | 476,700 | 499 | 110 | 240 | |
| *K8QWY | " | 326,094 | 415 | 87 | 191 | |
| *KF8HR | " | 262,125 | 400 | 71 | 162 | |
| *W8UPH | " | 247,018 | 392 | 64 | 162 | |
| *W9VNE/8 | " | 170,041 | 278 | 71 | 152 | |
| *W8URM | " | 168,272 | 288 | 65 | 143 | |
| *KF8TM | " | 145,851 | 278 | 59 | 124 | |
| *W8IDM | " | 132,975 | 146 | 67 | 130 | |
| *W8YGR | " | 116,382 | 185 | 79 | 159 | |
| *N8FU | " | 114,522 | 540 | 93 | 175 | |
| *N8CQA | " | 113,850 | 233 | 74 | 116 | |
| *K8QLK | " | 93,878 | 220 | 43 | 103 | |
| *KV8S | " | 82,473 | 258 | 27 | 84 | |
| *AF8C | " | 69,600 | 159 | 59 | 101 | |
| *KA8OUT | " | 54,991 | 157 | 39 | 88 | |
| *WA8JBG | " | 17,628 | 80 | 26 | 52 | |
| *WA8IGG | " | 11,635 | 91 | 35 | 62 | |
| *KE8KK | " | 176 | 11 | 8 | 8 | |
| ***KW8J** | **21** | **123,786** | **375** | **29** | **88** | |
| *WT8P | " | 94,142 | 319 | 28 | 75 | |
| *KW3M | 14 | 26,296 | 100 | 43 | 65 | |
| *W8UMR | " | 23,568 | 240 | 35 | 83 | |
| **W9RE** | **A** | **3,611,400** | **2081** | **160** | **440** | |
| **K4XU** | **"** | **2,416,540** | **1498** | **154** | **420** | |
| **W9UP** | **"** | **2,036,881** | **1356** | **147** | **392** | |
| | | | | | | **(Opr. NØBSH)** |
| K9MA | " | 1,918,476 | 1393 | 140 | 343 | |
| WB9HRO | " | 897,336 | 788 | 126 | 284 | |
| KA6A/9 | " | 856,080 | 810 | 110 | 259 | |
| W9GXR | " | 746,405 | 785 | 102 | 229 | |
| W9NA | " | 529,518 | 547 | 102 | 237 | |
| K9UQN | " | 485,060 | 558 | 98 | 218 | |
| WA9TPQ | " | 465,891 | 572 | 95 | 196 | |
| N9NS | " | 326,230 | 372 | 109 | 214 | |
| KS9U | " | 253,611 | 305 | 109 | 194 | |
| N9CKC | " | 234,362 | 367 | 81 | 145 | |
| KA1J | " | 184,987 | 264 | 88 | 163 | |
| W9KIA | " | 95,220 | 165 | 74 | 133 | |
| W9RN | " | 51,546 | 150 | 51 | 70 | |
| W9VA | " | 42,000 | 128 | 52 | 73 | |
| KA9IMX | " | 32,219 | 117 | 36 | 65 | |
| W9PRG | " | 810 | 38 | 15 | 12 | |
| **K9QVB** | **28** | **242,224** | **598** | **32** | **106** | |
| W9GIL | " | 142,287 | 387 | 31 | 98 | |
| **N9KAU** | **21** | **321,229** | **811** | **33** | **106** | |
| | | | | | | **(Opr. JF3NRI)** |
| **K9CAN** | **14** | **301,622** | **675** | **38** | **120** | |
| N9AW | " | 260,610 | 636 | 37 | 109 | |
| N9ER | " | 67,800 | 202 | 35 | 78 | |
| **N9AU** | **7** | **107,778** | **278** | **33** | **105** | |
| **K9FN** | **"** | **103,600** | **268** | **32** | **108** | |
| K9CJ | " | 98,946 | 255 | 33 | 105 | |
| WX9U | " | 93,696 | 274 | 27 | 95 | |
| K9IKP | " | 54,351 | 197 | 26 | 73 | |
| W9YYG | " | 24,150 | 123 | 24 | 51 | |
| **WW9L** | **3.5** | **22,950** | **118** | **21** | **54** | |
| **WB9Z** | **1.8** | **11,328** | **88** | **18** | **41** | |
| ***W9OA** | **A** | **723,086** | **677** | **109** | **268** | |
| *NA1R | " | 630,105 | 645 | 110 | 247 | |
| *AK9N | " | 421,008 | 509 | 86 | 208 | |
| *W9HE | " | 341,297 | 467 | 81 | 172 | |
| *WD9S | " | 266,000 | 379 | 88 | 162 | |
| *W9WI | " | 262,125 | 406 | 62 | 171 | |
| *W9IL | " | 96,659 | 212 | 61 | 102 | |
| *N2FFZ | " | 94,308 | 196 | 65 | 109 | |
| *W9CA | " | 91,015 | 201 | 52 | 115 | |
| *N9AIB | " | 45,234 | 133 | 41 | 85 | |
| *KA9ZZT | " | 43,125 | 134 | 45 | 70 | |
| *W9LNQ | " | 23,515 | 122 | 43 | 88 | |
| *KA9HDN | " | 16,254 | 76 | 39 | 47 | |
| *N9ENA | " | 5,170 | 39 | 21 | 26 | |
| *W9ILY | " | 3,000 | 28 | 19 | 21 | |
| *W9IKX | 28 | 9,861 | 60 | 13 | 44 | |
| ***W9HLY** | **21** | **194,600** | **407** | **35** | **104** | |
| *WD9GGY | 14 | 19,635 | 93 | 28 | 49 | |



Say You Saw It In CQ

| | | | | | |
|---|---|---|---|---|---|
| ***W9CH** | **7** | **100,050** | **258** | **34** | **104** |
| *KQ9Y | * | 77,982 | 225 | 32 | 91 |
| *K9UIY | * | 37,036 | 148 | 23 | 71 |
| ***AA9AX** | **1.8** | **2,709** | **53** | **7** | **9** |
| **KFØH** | **A** | **2,146,552** | **1498** | **148** | **502** |
| **KØKX** | **"** | **1,652,063** | **1131** | **147** | **364** |
| WCØY | * | 1,061,280 | 855 | 129 | 311 |
| NIØG | * | 801,270 | 662 | 138 | 297 |
| KØBJ | * | 667,290 | 641 | 119 | 258 |
| NSØB | * | 642,208 | 610 | 119 | 257 |
| WØHW | * | 447,474 | 500 | 99 | 222 |
| KIØW | * | 382,270 | 466 | 102 | 199 |
| KJØG | * | 363,090 | 445 | 105 | 189 |
| WØML | * | 206,622 | 312 | 81 | 153 |
| WØWP | * | 197,056 | 327 | 64 | 128 |
| KCØEI | * | 166,635 | 290 | 67 | 140 |
| KØIFL | * | 155,520 | 267 | 76 | 148 |
| NØGOS | * | 115,668 | 269 | 61 | 92 |
| NNØM | * | 100,842 | 248 | 54 | 93 |
| NRØE | * | 25,250 | 156 | 59 | 116 |
| KIØE | * | 21,735 | 105 | 25 | 44 |
| NØKFE | * | 14,195 | 83 | 33 | 52 |
| AAØA | * | 2,040 | 24 | 15 | 19 |
| **WDØAVV** | **28** | **51,982** | **266** | **18** | **61** |
| **WØUN** | **21** | **647,168** | **1452** | **35** | **123** |
| | | | | **(Opr. WØUA)** | |
| KZ6E/Ø | * | 361,788 | 870 | 35 | 111 |
| AL7H/Ø | * | 236,812 | 619 | 34 | 112 |
| K9WYI | * | 33,440 | 155 | 26 | 54 |
| **NQØI** | **14** | **424,461** | **1011** | **38** | **113** |
| **KCØD** | **"** | **423,072** | **963** | **37** | **119** |
| **WØZV** | **7** | **440,316** | **934** | **36** | **126** |
| WBØD | * | 46,224 | 155 | 29 | 78 |
| **KØRF** | **3.5** | **139,072** | **522** | **30** | **76** |
| ACØS | * | 14,620 | 134 | 17 | 26 |
| KJØB | * | 13,776 | 102 | 19 | 37 |
| **KVØQ** | **1.8** | **16,272** | **151** | **17** | **31** |
| WØRXL | * | 615 | 20 | 6 | 9 |
| ***NSØW** | **A** | **482,202** | **579** | **102** | **199** |
| ***KSØT** | **"** | **446,224** | **493** | **103** | **231** |
| *KEØY | * | 442,990 | 518 | 95 | 215 |
| *KEØUI | * | 426,315 | 528 | 91 | 202 |
| *K3GWA | * | 356,108 | 512 | 85 | 169 |
| *KØIYF | * | 306,540 | 406 | 90 | 172 |
| *KØGSV | * | 259,904 | 364 | 85 | 177 |
| *NØEIW | * | 216,240 | 307 | 95 | 170 |
| *NØFMR | * | 190,297 | 327 | 71 | 136 |
| *K9BQL | * | 147,440 | 276 | 71 | 123 |
| *WBØIEL | * | 125,216 | 256 | 51 | 121 |
| *NIØC | * | 84,420 | 158 | 70 | 131 |
| *KZØC | * | 45,508 | 132 | 47 | 77 |
| *NXØI | * | 21,510 | 82 | 32 | 58 |
| *KKØQ | * | 13,080 | 75 | 20 | 40 |
| *KFØXV | * | 11,454 | 70 | 31 | 38 |
| ***NWØF** | **28** | **34,992** | **158** | **24** | **57** |
| ***KIØI** | **7** | **40,500** | **149** | **29** | **71** |
| *WØRT | 1.8 | 561 | 18 | 6 | 9 |

## ALASKA

| | | | | | |
|---|---|---|---|---|---|
| KL7UR | A | 19,150 | 190 | 39 | 40 |
| **AL7CQ** | **28** | **314,160** | **1538** | **30** | **53** |
| **KL7RA** | **3.5** | **43,272** | **444** | **16** | **20** |
| *KL7FAP | A | 14,852 | 122 | 20 | 27 |
| *AL7MK | 28 | 9,042 | 182 | 8 | 14 |

## ANGUILLA

| | | | | | |
|---|---|---|---|---|---|
| ***VP2EST** | **A** | **1,156,920** | **2101** | **74** | **174** |

## BAHAMAS ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| ***C6AHJ** | **A** | **2,716,862** | **3235** | **105** | **253** |
| | | | | **(Opr. AA2Z)** | |
| *C6A/N4RP | * | 851,400 | 1430 | 88 | 176 |

## BARBADOS

| | | | | | |
|---|---|---|---|---|---|
| **8P9Z** | **A** | **8,047,212** | **5298** | **145** | **428** |
| | | | | **(Opr. K4BAI)** | |
| **8P9DH** | **28** | **214,656** | **1118** | **24** | **56** |
| | | | | **(Opr. K2BMI)** | |
| ***8P9DF** | **21** | **522,750** | **1762** | **31** | **94** |

## BERMUDA

| | | | | | |
|---|---|---|---|---|---|
| *WA1AWJ /VP9 | A | 35,607 | 196 | 36 | 47 |

## CANADA

| | | | | | |
|---|---|---|---|---|---|
| ***VO1SF** | **A** | **1,271,726** | **1525** | **87** | **239** |
| **VY2SS** | **21** | **194,864** | **1035** | **14** | **62** |
| **VO2WL** | **A** | **2,036,428** | **2708** | **84** | **22** |
| | | | | **(Opr. K3TM)** | |
| **VE1AL** | **A** | **1,090,452** | **1197** | **101** | **262** |
| ***VD1NH** | **14** | **162,336** | **618** | **28** | **86** |
| ***VE1HA** | **A** | **227,072** | **717** | **30** | **98** |
| *VE1RGB | * | 71,400 | 419 | 54 | 121 |
| **VE2AYU** | **A** | **1,012,044** | **1097** | **105** | **269** |
| VE2AWR | * | 222,144 | 505 | 62 | 130 |
| ***VD2ZP** | **A** | **2,346,096** | **2089** | **115** | **329** |
| *VE2LID | * | 1,227,910 | 1775 | 83 | 227 |
| | | | | (Opr. VE2LJ) | |
| *VE2NAM | * | 277,536 | 506 | 70 | 154 |
| *VE2WAT | * | 61,132 | 200 | 37 | 87 |
| *VF2BIX | * | 40,740 | 147 | 45 | 60 |
| *VD2MAQ | * | 13,800 | 177 | 19 | 21 |
| **VE3EJ** | **A** | **5,011,815** | **3308** | **164** | **433** |
| VE3AT | * | 1,534,456 | 1529 | 99 | 272 |
| VE3KP | * | 1,231,672 | 1469 | 111 | 227 |
| VE3ST | * | 824,460 | 822 | 99 | 265 |
| VE3PN | * | 746,016 | 1004 | 95 | 209 |
| VE3CWE | * | 321,468 | 501 | 81 | 177 |
| VE3FFE | * | 62,484 | 216 | 47 | 80 |
| **VE3HX** | **28** | **115,416** | **377** | **30** | **96** |
| **VE3OTL** | **14** | **89,380** | **333** | **32** | **77** |
| ***VE3TEE** | **A** | **158,692** | **334** | **67** | **127** |
| *VE3YBH | * | 106,670 | 241 | 62 | 108 |
| *VE3EQF | * | 23,944 | 109 | 28 | 54 |
| ***VE3NBE** | **21** | **45,800** | **160** | **28** | **72** |
| ***VE3SMA** | **14** | **79,254** | **305** | **28** | **74** |
| *VE3DSN | * | 45,628 | 274 | 21 | 47 |
| *VE3NJM | * | 30,030 | 183 | 23 | 43 |
| ***VE3DO** | **1.8** | **11,375** | **151** | **10** | **25** |
| **VD4VV** | **A** | **1,324,050** | **1727** | **111** | **239** |
| VE4JB | * | 307,850 | 483 | 84 | 151 |
| ***VE4GV** | **28** | **104,420** | **492** | **28** | **64** |
| ***VD5MX** | **A** | **159,744** | **753** | **40** | **64** |
| *VE5SF | * | 35,625 | 169 | 42 | 53 |
| *VE5GD | 14 | 14,040 | 114 | 18 | 34 |
| **VE6SF** | **28** | **23,722** | **156** | **23** | **35** |
| **VE6JY** | **7** | **377,870** | **1100** | **33** | **112** |
| | | | | **(Opr. VE6WQ)** | |
| VE6LB | 3.5 | 6,755 | 89 | 15 | 20 |
| ***VE6BF** | **A** | **614,496** | **878** | **102** | **194** |
| ***VE6BMX** | **28** | **121,512** | **670** | **28** | **55** |
| *VE6SH | 21 | 11,742 | 137 | 14 | 24 |
| **VD7SZ** | **A** | **3,955,605** | **3625** | **145** | **300** |
| | | | | **(Opr. VE7NTT)** | |
| VE7IN | * | 367,800 | 737 | 73 | 127 |
| ***VE7UF** | **A** | **795,429** | **1198** | **106** | **173** |
| *VE7JO | * | 669,370 | 1071 | 98 | 173 |
| *VE7ZAC | * | 146,165 | 400 | 68 | 87 |

## CAYMAN ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **ZF2TG** | **7** | **1,087,862** | **2985** | **31** | **111** |
| | | | | **(Opr. WQ5W)** | |

## COSTA RICA

| | | | | | |
|---|---|---|---|---|---|
| ***TE1T** | **7** | **116,117** | **617** | **15** | **68** |
| | | | | **(Opr. TI4SU)** | |

## CUBA

| | | | | | |
|---|---|---|---|---|---|
| ***CO2JA** | **A** | **140,488** | **475** | **49** | **87** |

## DOMINICA

| | | | | | |
|---|---|---|---|---|---|
| ***J79MAE** | **A** | **1,389,247** | **2201** | **86** | **197** |
| | | | | **(Opr. DL5MAE)** | |

## GRENADA

| | | | | | |
|---|---|---|---|---|---|
| **J33A** | **21** | **930,540** | **2378** | **36** | **120** |
| | | | | **(Opr. KJ4VH)** | |

## GREENLAND

| | | | | | |
|---|---|---|---|---|---|
| *OX3RA | A | 6,476 | 64 | 14 | 27 |

## GUATEMALA

| | | | | | |
|---|---|---|---|---|---|
| *TG9AJR | A | 9,696 | 95 | 26 | 22 |

## HAITI

| | | | | | |
|---|---|---|---|---|---|
| ***4V2PK** | **A** | **805,200** | **1156** | **96** | **209** |
| | | | | **(Opr. HH2PK)** | |

## MARTINIQUE

| | | | | | |
|---|---|---|---|---|---|
| **FM2GO** | **21** | **997,600** | **2685** | **34** | **111** |
| | | | | **(Opr. FB1MUX)** | |
| **FM5BH** | **7** | **593,047** | **1886** | **29** | **104** |

## MEXICO

| | | | | | |
|---|---|---|---|---|---|
| **XE1 /AA6RX** | **A** | **2,723,870** | **2807** | **129** | **292** |
| XE1VV | * | 1,153,376 | 1678 | 105 | 199 |
| XE2KB | * | 427,680 | 721 | 80 | 118 |
| ***XE2 /K9ZO** | **A** | **772,992** | **1874** | **78** | **114** |
| *XE1 /JA1QXY | * | 476,768 | 1174 | 77 | 111 |
| *XE2MX | * | 63,081 | 145 | 71 | 92 |
| *XE1AVM | * | 45,100 | 247 | 41 | 41 |
| *XE1Y | 7 | 11,121 | 159 | 12 | 21 |

## PANAMA

| | | | | | |
|---|---|---|---|---|---|
| ***HP1AC** | **A** | **304,304** | **736** | **72** | **110** |

## PUERTO RICO

| | | | | | |
|---|---|---|---|---|---|
| **WJ2O/KP4** | **A** | **2,121,350** | **3536** | **85** | **181** |
| WP4IIW | * | 1,780,614 | 1861 | 109 | 282 |
| *W8-INI /KP4 | A | 49,800 | 298 | 27 | 48 |

## ST. KITTS AND NEVIS

| | | | | | |
|---|---|---|---|---|---|
| **V47KP** | **A** | **1,461,129** | **2216** | **84** | **199** |
| | | | | **(Opr. K2DOX)** | |

## ST. MARTIN (FRENCH)

| | | | | | |
|---|---|---|---|---|---|
| **FS/AI7B** | **A** | **5,412,644** | **4640** | **121** | **337** |

## TURKS AND CAICOS ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **VP5T** | **A** | **3,974,373** | **4903** | **105** | **246** |
| | | | | **(Opr. W1UA)** | |

## U. S. VIRGIN ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| ***NP2I** | **A** | **2,349,901** | **2981** | **94** | **243** |
| *NP2Q | * | 52,808 | 275 | 27 | 55 |

# AFRICA

## ANGOLA

| | | | | | |
|---|---|---|---|---|---|
| *D2EL | A | 28,336 | 112 | 29 | 63 |
| | | | | (Opr. EA7EL) | |

## WORLD TOP 10 QRPp
### All Band

| | |
|---|---|
| 1. AA2U | 1,188,000 |
| 2. DL3KVR | 473,518 |
| 3. N7IR | 414,288 |
| 4. SM3CCT | 371,460 |
| 5. LY3BA | 348,475 |
| 6. N1AFC | 290,598 |
| 7. UA4YJ | 279,651 |
| 8. JA1GTF | 258,770 |
| 9. WB6JMS | 248,196 |
| 10. EA3IW | 224,343 |

## WORLD TOP 10 ASSISTED
### All Band

| | |
|---|---|
| 1. K8AZ | 4,740,060 |
| 2. K3WW | 4,664,550 |
| 3. K5NA | 4,363,824 |
| 4. KC1XX | 4,321,056 |
| 5. 4U1ITU | 4,111,980 |
| 6. W1PH | 4,075,785 |
| 7. WR3E | 3,916,080 |
| 8. K2SX | 3,704,592 |
| 9. W3XU | 3,760,424 |
| 10. KC1F | 3,650,733 |

## TEAM CONTESTING

**1. Southern California Contest Club—Team 1: 35,671,278.** By D44BC (N6TJ), EA9LZ (N6ZZ), PTØF (AH3C), 4M2BYT (CT1BOH), and 9Y4H (K6NA).

**2. Global Team 1: 33,864,390.** By 8R1K (OHØXX), EA8EA (OH2MM), JY8VJ (DL1VJ), and P4ØI (OH2KI).

**3. Southern California Contest Club—Team 2: 23,291,357.** By A61AC (N6AA), HC8N (WN4KKN), EA6ZY (N6RA), and AA6RX/XE1.

**4. New England WW Contest Team: 22,675,261.** By BV/K1RX, KM1H (KQ2M), N6BV/1, W1KM, and W1PH.

**5. Team Japonica: 18,248,074.** By JH7WKQ, 9M6NA (JE1JKL), 5U7M (JH4NMT), 7Q7XX (JL3LNG), and JH1AEP.

**6. Russian Baby Bears: 7,256,140.** By UX3D (UA3DPX), UA3AB, RZ9UA, RB5QF, and UB5QMA.

## ASCENSION ISLAND

| | | | | | |
|---|---|---|---|---|---|
| **ZD8LII** | **21** | **1,560,405** | **3092** | **34** | **131** |
| | | | | **(Opr. GØLII)** | |

## BOTSWANA

| | | | | | |
|---|---|---|---|---|---|
| **A22MN** | **28** | **812,413** | **2285** | **27** | **92** |

## CANARY ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **EA8EA** | **A** | **11,966,372** | **5890** | **177** | **505** |
| | | | | **(Opr. OH2MM)** | |
| ***EA8URL** | **A** | **423,774** | **611** | **65** | **169** |
| | | | | **(Opr. EA8BIE)** | |
| *EA8AF | " | 214,800 | 408 | 61 | 118 |
| *EA8RGX | " | 42,036 | 133 | 39 | 74 |

## CAPE VERDE ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **D44BC** | **A** | **7,755,895** | **4783** | **147** | **398** |
| | | | | **(Opr. N6TJ)** | |

## CUETA AND MELILLA

| | | | | | |
|---|---|---|---|---|---|
| **EA9LZ** | **A** | **7,901,415** | **4959** | **134** | **401** |
| | | | | **(Opr. N6ZZ)** | |

## COMOROS ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **D68GA** | **28** | **1,281,560** | **2622** | **38** | **126** |

## DJIBOUTI

| | | | | | |
|---|---|---|---|---|---|
| ***J28UFT** | **A** | **634,508** | **980** | **64** | **151** |

## IVORY COAST

| | | | | | |
|---|---|---|---|---|---|
| **TU4SR** | **14** | **1,164,934** | **2704** | **38** | **118** |
| **TU2MA** | **7** | **197,925** | **737** | **22** | **69** |

## KENYA

| | | | | | |
|---|---|---|---|---|---|
| ***5Z4TT** | **A** | **2,014,530** | **1882** | **114** | **248** |

## MADIERAS ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **CR3W** | **21** | **1,652,170** | **3092** | **38** | **141** |
| | | | | **(Opr. DF5UL)** | |
| **CT3FN** | **3.5** | **344,598** | **1327** | **20** | **74** |
| | | | | **(Opr. HB9CRV)** | |

## MALAWI

| | | | | | |
|---|---|---|---|---|---|
| ***7Q7XX** | **A** | **3,257,128** | **2798** | **112** | **280** |
| | | | | **(Opr. JH1ORL)** | |
| ***7Q7TA** | **14** | **206,752** | **641** | **32** | **80** |

## MOZAMBIQUE

| | | | | | |
|---|---|---|---|---|---|
| **C9RJJ** | **A** | **3,108,266** | **3253** | **99** | **223** |
| | | | | **(Opr. WA4WKY)** | |

## NIGER

| | | | | | |
|---|---|---|---|---|---|
| **5U7M** | **A** | **3,555,240** | **2817** | **123** | **301** |
| | | | | **(Opr. JH4NMT)** | |

## NIGERIA

| | | | | | |
|---|---|---|---|---|---|
| ***5NØZKJ** | **28** | **597,624** | **1803** | **26** | **85** |
| | | | | **(Opr. OK3LZ)** | |

## REPUBLIC OF SOUTH AFRICA

| | | | | | |
|---|---|---|---|---|---|
| **ZS6EZ** | **A** | **5,878,726** | **3698** | **151** | **387** |
| ZS1AFZ | * | 212,764 | 427 | 69 | 103 |
| ZS6AJS | * | 138,807 | 301 | 58 | 101 |
| **ZS6NW** | **28** | **619,632** | **1777** | **33** | **84** |
| ZS4WD | 7 | 882 | 17 | 9 | 9 |
| **ZS6ANL** | **3.5** | **15,602** | **99** | **21** | **37** |

## SENEGAL

| | | | | | |
|---|---|---|---|---|---|
| **6V6U** | **A** | **7,760,746** | **5298** | **128** | **363** |
| | | | | **(Opr. K3IPK)** | |
| **6W7 /F6AUS** | **28** | **159,131** | **497** | **33** | **94** |

## ZIMBABWE

| | | | | | |
|---|---|---|---|---|---|
| **Z21HS** | **A** | **268,842** | **526** | **56** | **117** |

# ASIA

## AZERBAIJAN

| | | | | | |
|---|---|---|---|---|---|
| **UD6DKW** | **A** | **288,342** | **541** | **49** | **144** |
| ***UD6DF** | **21** | **48,450** | **228** | **21** | **54** |

## CYPRUS

| | | | | | |
|---|---|---|---|---|---|
| **H21A** | **A** | **2,751,393** | **2424** | **101** | **292** |
| | | | | **(Opr. 4N4OO)** | |
| ***H27W** | **28** | **568,624** | **1819** | **29** | **83** |
| | | | | **(Opr. 5B4WN)** | |

## GEORGIA

| | | | | | |
|---|---|---|---|---|---|
| **UF7FXC** | **3.5** | **136,800** | **700** | **19** | **57** |
| **UF6QBA** | **1.8** | **57,664** | **385** | **8** | **45** |

## ISRAEL

| | | | | | |
|---|---|---|---|---|---|
| **4X/S59PR** | **A** | **3,928,380** | **3022** | **122** | **344** |
| **4X4NJ** | **1.8** | **150,880** | **599** | **20** | **72** |
| ***4X4ZT** | **14** | **119,600** | **409** | **26** | **78** |
| ***4X4VF** | **7** | **27,140** | **200** | **11** | **35** |
| ***4Z5BW** | **3.5** | **24,024** | **201** | **9** | **35** |

## JAPAN

| | | | | | |
|---|---|---|---|---|---|
| **JH1AEP** | **A** | **2,682,720** | **2301** | **138** | **267** |
| **JA1NUT** | **"** | **2,128,944** | **1814** | **136** | **272** |
| JR1LVV | * | 1,647,846 | 1493 | 136 | 251 |
| JF1SCK | * | 1,512,457 | 1197 | 139 | 298 |
| JA1RKI | " | 240,000 | 371 | 91 | 159 |
| JR1GRF | " | 186,850 | 285 | 80 | 122 |
| JG1BPS | " | 148,601 | 308 | 72 | 109 |
| JR1GSE | " | 97,409 | 276 | 59 | 68 |
| JH1NXU | " | 24,518 | 109 | 37 | 45 |
| **7L1GVE** | **14** | **1,181,937** | **2255** | **40** | **139** |
| JR1XFS | * | 295,603 | 845 | 34 | 87 |
| JL1BSK | * | 74,700 | 349 | 25 | 50 |
| **JA1JKG** | **7** | **131,040** | **580** | **25** | **55** |
| JQ1VNM | * | 10,500 | 63 | 20 | 40 |
| **JH1OGC** | **3.5** | **110,600** | **411** | **31** | **69** |
| JA1SYY | * | 41,748 | 224 | 26 | 45 |
| JH1HGC | 1.8 | 945 | 19 | 11 | 10 |
| ***JA1IDY** | **A** | **704,064** | **822** | **105** | **199** |
| ***JK1AJX/1** | **"** | **451,269** | **664** | **92** | **155** |
| *JK1GXU | " | 429,288 | 617 | 96 | 152 |
| *JJ3SRU/1 | " | 256,036 | 402 | 85 | 157 |
| *JA1WYQ | " | 209,190 | 388 | 70 | 120 |
| *JA1BUI | " | 173,524 | 342 | 77 | 111 |
| *JF1SQC | " | 152,805 | 290 | 72 | 111 |
| *JA1AB | " | 115,668 | 254 | 62 | 100 |
| *JK1LSE | " | 108,383 | 242 | 62 | 105 |
| *JL1MWI | " | 87,483 | 251 | 43 | 78 |
| *JA0XQO/1 | " | 75,928 | 196 | 57 | 85 |
| *JF1LKM | " | 71,510 | 234 | 49 | 51 |
| *JA1PUK | " | 66,591 | 138 | 59 | 58 |
| *JE1EUH | " | 61,904 | 208 | 48 | 58 |
| *JA6EET/1 | " | 59,544 | 137 | 53 | 71 |
| *JH3P3R/1 | " | 57,564 | 154 | 43 | 93 |
| *JH1JGZ | " | 50,974 | 127 | 75 | 79 |
| *JK1BSM | " | 42,592 | 129 | 48 | 73 |
| *JM1AQU | " | 40,762 | 155 | 38 | 51 |
| *JH1HGF | " | 39,100 | 134 | 49 | 56 |
| *JA1IZ | " | 38,180 | 147 | 45 | 47 |
| *JI1EFP | " | 22,188 | 178 | 19 | 24 |
| *JN1FEA | " | 12,958 | 81 | 28 | 34 |
| *JA1JNR | " | 6,916 | 49 | 23 | 29 |
| *JM1QZV | " | 6,474 | 39 | 24 | 54 |
| *JH1UES | " | 6,006 | 56 | 19 | 20 |
| *JE1KDM | " | 4,602 | 46 | 17 | 22 |
| *JH1AOU | " | 4,085 | 35 | 22 | 21 |
| *7N1BIF | " | 3,196 | 38 | 19 | 15 |
| ***JA1KFX** | **28** | **155,070** | **598** | **32** | **58** |
| ***JA1NLX** | **"** | **152,355** | **512** | **33** | **72** |
| *JH1BDS | " | 87,390 | 340 | 32 | 58 |
| *JA1SJV | " | 53,960 | 244 | * | 48 |
| *JR1UMO | " | 7,360 | 58 | 17 | 29 |
| *JA1VLA | " | 6,600 | 53 | 17 | 23 |
| *JG1RDV | " | 4,560 | 56 | 12 | 18 |
| *JA1XPU | " | 3,434 | 39 | 15 | 19 |
| *JK1NSR | " | 3,000 | 36 | 13 | 17 |
| *JA1BFN | " | 2720 | 54 | 7 | 10 |
| *JE2IFM/1 | " | 2,366 | 35 | 11 | 15 |
| *JA1AAT | " | 1,560 | * | 8 | 12 |
| *JK1REJ | " | 1,144 | 21 | 10 | 12 |
| *JO1ACW | " | 903 | 15 | 10 | 11 |
| ***JQ1NGT** | **21** | **204,880** | **705** | **32** | **72** |
| *JE1VZT | * | 197,040 | 573 | 35 | 85 |
| *JAØBMS/1 | * | 176,220 | 559 | 32 | 78 |
| *JE1REU | " | 155,754 | 538 | 32 | 70 |
| *JJ1GQH | " | 102,100 | 368 | 32 | 68 |
| *JA1KI | " | 39,664 | 199 | 24 | 50 |
| *JH1ECF | " | 22,570 | 141 | 25 | 36 |
| *JI1UQB | " | 21,080 | 126 | 23 | 39 |
| *JR1UJW | " | 16,524 | 119 | 20 | 34 |
| *JH1FYC | " | 15,150 | 119 | 19 | 31 |
| *JR1LQK | " | 7,943 | 59 | 23 | 24 |
| *JH1BUB | " | 5,032 | 56 | 14 | 20 |
| *7L1RLL | * | 4,961 | 45 | 19 | 22 |

| | | | | | |
|---|---|---|---|---|---|
| *JA9BFA/1 | * | 4,429 | 39 | 16 | 27 |
| *7L1ILE | * | 170 | 8 | 5 | 5 |
| *JF1RMM | * | 90 | 5 | 3 | 3 |
| **7K1BWM /1** | **14** | **81,242** | **81** | **32** | **66** |
| *JA1SKE | * | 59,969 | 242 | 30 | 61 |
| *JA1VBW | * | 28,888 | 112 | 26 | 56 |
| *JE7MAY/1 | * | 9,408 | 66 | 20 | 36 |
| *JO1QZI | * | 8,820 | 68 | 21 | 28 |
| **JA1LZR** | **7** | **171,212** | **633** | **27** | **65** |
| *JK1GKG | * | 87,690 | 296 | 34 | 77 |
| *JH1HRJ | * | 32,690 | 175 | 23 | 47 |
| *JK1OXJ | * | 20,853 | 116 | 24 | 39 |
| *JA1NYV | * | 18,774 | 108 | 22 | 41 |
| *JH1SBE | * | 7,783 | 63 | 17 | 26 |
| *JE1HWY | * | 1,742 | 23 | 10 | 16 |
| *JE1HXZ | * | 1,539 | 22 | 11 | 16 |
| *JA1POS | * | 297 | 13 | 5 | 4 |
| **JH1GNU** | **3.5** | **17,700** | **135** | **21** | **38** |
| *JH1OJU | * | 11,766 | 95 | 21 | 32 |
| *JK1QHK | * | 6,966 | 53 | 21 | 33 |
| *JA1KAW | * | 5,856 | 54 | 17 | 31 |
| *JE1SPY | 1.8 | 357 | 12 | 8 | 9 |
| **JH2UVL** | **A** | **1,959,408** | **1720** | **131** | **265** |
| **JL2LOR** | **"** | **1,798,158** | **1708** | **125** | **241** |
| JA2EJ | * | 742,656 | 1006 | 77 | 79 |
| JE2WEN | * | 171,612 | 312 | 73 | 116 |
| JA2IVK | * | 98,400 | 283 | 54 | 66 |
| JA2EJI | * | 70,224 | 189 | 59 | 74 |
| JA2SWF | * | 33,602 | 122 | 45 | 61 |
| JR2FKB | * | 30,082 | 102 | 42 | 67 |
| JN2AMD | * | 2,856 | 38 | 14 | 14 |
| **JH2BCN** | **28** | **152,382** | **495** | **33** | **76** |
| JA2AAU | 14 | 10,406 | 897 | 23 | 20 |
| **JA2AXB** | **A** | **506,012** | **669** | **98** | **165** |
| *JA2PSV | * | 434,142 | 573 | 101 | 170 |
| *JA2NNF | * | 415,224 | 519 | 105 | 187 |
| *JA2OJ | * | 44,528 | 174 | 39 | 53 |
| *7L2PUL | * | 26,410 | 111 | 46 | 49 |
| *7K2GMJ | * | 21,074 | 103 | 37 | 45 |
| *7K2UVE | * | 8,232 | 56 | 23 | 26 |
| *JL2PQV | * | 3,420 | 34 | 16 | 20 |
| *7K2DOD | * | 2,176 | 24 | 16 | 16 |
| **JH2QXG/2** | **28** | **334,866** | **872** | **36** | **98** |
| *JA2ODV | * | 23,104 | 132 | 23 | 41 |
| *7K2PBB | * | 72 | 5 | 4 | 5 |
| **JH2ECB** | **21** | **112,112** | **360** | **33** | **79** |
| *JH2AMH | * | 94,017 | 426 | 26 | 51 |
| *JK2VDC | * | 84,022 | 375 | 26 | 58 |
| *7L2UQY | * | 65,685 | 279 | 26 | 61 |
| *JF2WXS | * | 63,406 | 228 | 31 | 67 |
| *JI2LTS | * | 62,831 | 268 | 28 | 55 |
| *7K2MPE | * | 51,920 | 324 | 20 | 35 |
| *JH2QYN/2 | * | 22,156 | 138 | 22 | 36 |
| *JA2YAF | * | 667 | 17 | 11 | 12 |
| **JA2DN** | **14** | **43,766** | **196** | **25** | **54** |
| *JA2BZA | * | 3,913 | 35 | 14 | 24 |
| *JA2ODB | * | 1,456 | 25 | 12 | 14 |
| **JG2LGM** | **7** | **30,780** | **142** | **26** | **55** |
| *JA2GTW | 3.5 | 5,928 | 70 | 15 | 24 |
| **JE2LPC** | **1.8** | **1,440** | **31** | **12** | **12** |
| *JH2QMT | * | 861 | 18 | 10 | 11 |
| **JA3ARM** | **A** | **427,638** | **612** | **92** | **163** |
| **JH3AIU** | **"** | **425,855** | **574** | **91** | **174** |
| JN3SAC | * | 353,788 | 522 | 83 | 158 |
| JR3XEX | * | 129,280 | 249 | 80 | 122 |
| JR3KQJ | * | 55,200 | 210 | 50 | 50 |
| **JR3NZC** | **28** | **264,537** | **786** | **35** | **82** |
| **JH3CXL** | **21** | **332,766** | **842** | **38** | **101** |
| **JG3CQJ** | **14** | **49,278** | **208** | **29** | **57** |
| JA3BCT | 3.5 | 7,930 | 54 | 15 | 46 |
| JA3XOG | * | 5,320 | 61 | 15 | 25 |
| **JH3CYZ** | **1.8** | **4,323** | **66** | **15** | **18** |
| **JN3TMW** | **A** | **839,130** | **900** | **114** | **223** |
| **JA1DZC/3** | **"** | **544,491** | **670** | **109** | **194** |
| *JF3IUC | * | 303,953 | 492 | 93 | 134 |
| *JA3CSZ | * | 299,472 | 408 | 101 | 171 |
| *JP3LKR | * | 283,718 | 417 | 90 | 164 |
| *JA3UWB | * | 204,561 | 393 | 72 | 119 |
| *JH3JYS | * | 151,920 | 275 | 83 | 128 |
| *JA3DLH | * | 105,060 | 226 | 65 | 105 |
| *JA3JOT | * | 45,743 | 167 | 42 | 59 |
| *JA3EGF | * | 37,026 | 143 | 36 | 61 |
| JE3GFA | * | 22,321 | 90 | 45 | 56 |
| *JA3TBT | * | 14,805 | 223 | 62 | 101 |
| *JE3UHV | * | 12,956 | 66 | 34 | 45 |
| *JG3EHD | * | 6,923 | 59 | 17 | 25 |
| *JE3KGT | * | 5,198 | 39 | 21 | 25 |
| *JS3OYA | 21 | 9,360 | 63 | 20 | 32 |
| *JA3VAP | 14 | 21,440 | 117 | 21 | 45 |
| JI3RFC | * | 14,208 | 73 | 28 | 46 |
| *JA3AYX | * | 4,680 | 47 | 17 | 22 |
| *JO3JYE/3 | 7 | 6,048 | 70 | 14 | 18 |
| *JA3QOS | * | 1,275 | 27 | 8 | 9 |
| *JA3FZI | * | 189 | 9 | 3 | 4 |
| **JF3LOP** | **3.5** | **12,210** | **102** | **21** | **34** |
| JA4CUD | A | 12,090 | 67 | 28 | 37 |
| **JK4KSD** | **21** | **121,512** | **355** | **34** | **88** |
| JA4FCK | * | 6,240 | 56 | 15 | 24 |
| **JA4CSH** | **7** | **61,855** | **261** | **28** | **61** |
| **JA4LKB** | **1.8** | **1,274** | **22** | **13** | **13** |
| ***JR4GPA** | **A** | **548,065** | **795** | **87** | **158** |
| *JF4VRF | " | 192,035 | 363 | 82 | 117 |
| *JH4OYA | " | 123,066 | 290 | 55 | 104 |
| *JA4RTX | " | 92,600 | 165 | 80 | 120 |
| *JA4BAA | * | 90,724 | 229 | 59 | 89 |
| *JA4AQR | * | 43,371 | 141 | 50 | 73 |
| **JA4ETH** | **28** | **50,760** | **211** | **29** | **61** |
| **JH4LGA** | **21** | **46,332** | **225** | **30** | **61** |
| *JR4ISK | " | 41,116 | 200 | 25 | 51 |
| JH4AQB | " | 5,776 | 70 | 15 | 23 |
| **JH4JNG** | **14** | **60,590** | **257** | **25** | **58** |
| **JK4KBG** | **7** | **33,200** | **145** | **26** | **57** |
| **JJ4CBC** | **3.5** | **13,356** | **88** | **21** | **42** |
| **JA5DQH** | **A** | **3,469,362** | **2450** | **156** | **338** |
| **JA5EXW** | **28** | **157,375** | **452** | **35** | **90** |
| **JA5CKD** | **21** | **345,720** | **910** | **36** | **98** |
| JA5AF | * | 8,802 | 62 | 20 | 34 |
| JA5JGV | 3.5 | 2,500 | 43 | 12 | 13 |
| **JO1WXJ /5** | **A** | **118,872** | **280** | **66** | **90** |
| *JA5MOO/4 | * | 48,300 | 120 | 55 | 95 |
| *JH5UVK | * | 11,623 | 77 | 29 | 30 |
| JR5HXU | 28 | 2,952 | 30 | 17 | 24 |
| **JR5SWZ** | **21** | **75,828** | **303** | **31** | **58** |
| *JR5MTS | 7 | 3,675 | 40 | 15 | 20 |
| **JA6BIF** | **A** | **395,428** | **586** | **89** | **153** |
| JA6VU | " | 274,108 | 373 | 109 | 169 |
| JR6CF | " | 17,544 | 68 | 40 | 62 |
| **JR6EZE** | **21** | **450,000** | **1284** | **33** | **87** |
| JH6NBW | " | 97,328 | 456 | 26 | 51 |
| **JA6SHL** | **7** | **160,062** | **516** | **32** | **79** |
| **JF6DFZ** | **3.5** | **11,713** | **88** | **20** | **33** |
| **JH6TYD** | **A** | **507,494** | **613** | **105** | **193** |
| *JA6HJP | * | 25,596 | 93 | 38 | 70 |
| *JA6BWH | * | 8,352 | 56 | 28 | 30 |
| JH6IUM | * | 4,743 | 74 | 26 | 37 |
| **JA6CNQ** | **28** | **144,360** | **430** | **36** | **84** |
| *JA6QDU | * | 20,894 | 123 | 20 | 42 |
| *JA6AKV | 21 | 8,211 | 67 | 20 | 31 |
| *JK6ISK | * | 3,600 | 50 | 13 | 12 |
| **JF6OJX** | **14** | **119,840** | **371** | **31** | **81** |
| **JA5WFM** | **7** | **29,850** | **147** | **25** | **50** |
| **JH7WKQ** | **A** | **2,938,221** | **2387** | **138** | **291** |
| JR7UO... | * | 942,480 | 1281 | 93 | 162 |
| **JH7DNO** | **21** | **547,584** | **1364** | **37** | **101** |
| JE7CZT | * | 47,060 | 254 | 23 | 42 |
| **JA7FTR** | **14** | **499,090** | **1196** | **38** | **107** |
| JH7QXJ | * | 29,504 | 166 | 21 | 43 |
| JA7MSQ | * | 11,781 | 84 | 19 | 32 |
| **JA7GAX** | **7** | **17,225** | **100** | **24** | **41** |
| **JE7RJS** | **3.5** | **24,140** | **161** | **23** | **37** |
| JA7JI | * | 7,172 | 70 | 17 | 27 |
| **JA7NI** | **1.8** | **2,340** | **35** | **12** | **14** |
| **JI7OED** | **A** | **204,906** | **348** | **83** | **130** |
| *JA7JND | * | 161,964 | 309 | 83 | 115 |
| *JA7ARW | * | 161,085 | 300 | 83 | 122 |
| **JA7EC** | **28** | **35,520** | **201** | **22** | **42** |
| *JA7EDZ | * | 10,670 | 72 | 19 | 36 |
| *JA7AXP | * | 2,175 | 33 | 12 | 13 |
| **JA7BIJ** | **21** | **44,660** | **224** | **22** | **48** |
| *JH7CJM | * | 18,492 | 96 | 25 | 44 |
| *JH7XVB | 14 | 17,388 | 120 | 21 | 33 |
| *JA7DOT | * | 13,867 | 102 | 16 | 33 |
| *JR7CJO | * | 1,254 | 24 | 8 | 11 |
| **JH7PKU** | **7** | **513,110** | **1396** | **33** | **97** |
| *JA7XBG | * | 67,023 | 244 | 31 | 68 |
| *JR7CDL | * | 17,820 | 110 | 22 | 38 |
| *JA7FFN | * | 8,424 | 78 | 15 | 24 |
| *JH7XMO | * | 3,040 | 35 | 13 | 19 |
| *JE7JRD | * | 2,225 | 36 | 12 | 13 |
| **JE7LHT** | **3.5** | **27,202** | **157** | **25** | **42** |
| *JH7AFD | * | 3,762 | 41 | 18 | 23 |
| *JE7RJZ | * | 1,610 | 33 | 11 | 12 |
| **JA8RWU** | **A** | **2,621,944** | **2085** | **144** | **298** |
| JA8SW | * | 98,982 | 262 | 55 | 86 |
| JA8BRH | * | 3,990 | 66 | 21 | 66 |
| **JA8KSD** | **3.5** | **47,047** | **243** | **26** | **51** |
| **JA8AJE** | **A** | **257,229** | **490** | **75** | **114** |
| JA8HBO | * | 76,608 | 210 | 62 | 71 |
| **JA8RJE** | **28** | **96,162** | **367** | **32** | **62** |
| **JA8CJY** | **21** | **86,621** | **323** | **32** | **65** |
| JG8PBE | 7 | 6,336 | 70 | 16 | 17 |
| **JA9CWJ** | **A** | **1,184,960** | **1285** | **107** | **213** |
| JA9JFO | * | 813,645 | 829 | 130 | 239 |
| **JA9NFO** | **14** | **77,175** | **256** | **30** | **75** |
| **JA9BOH** | **3.5** | **52,851** | **258** | **27** | **52** |
| ***JA9XBW** | **A** | **109,552** | **261** | **65** | **99** |
| **JH9KVF** | **28** | **107,880** | **433** | **29** | **58** |
| *JA9XAT | * | 192 | 7 | 6 | 6 |
| **JA9TSI** | **21** | **99,090** | **380** | **30** | **60** |
| JH9OJZ | 7 | 11,000 | 73 | 21 | 34 |
| JA9DOF | 3.5 | 6,888 | 73 | 16 | 25 |
| **JHØKHR** | **A** | **3,755,376** | **3002** | **138** | **294** |
| JAØJNJ | " | 2,417,628 | 2156 | 133 | 256 |
| **JHØFUW** | **28** | **217,920** | **633** | **35** | **85** |
| JEØWJS | 21 | 7,920 | 83 | 20 | 20 |
| **JAØKAZ** | **7** | **307,944** | **775** | **34** | **107** |
| JAØYAK | " | 236,778 | 735 | 32 | 82 |
| | | | (Opr. JK2PVL) | | |
| JAØUMV | * | 221,696 | 617 | 34 | 94 |
| **JAØEZP** | **A** | **950,794** | **895** | **122** | **255** |
| *JAØOVG | * | 78,374 | 201 | 61 | 88 |
| *JAØBPY | * | 76,540 | 161 | 64 | 108 |
| *JFØSGW | * | 62,829 | 203 | 47 | 70 |
| *JAØAXA | * | 45,147 | 159 | 48 | 53 |
| *JAØHC | * | 20,124 | 99 | 35 | 43 |
| *JFØPJZ | * | 2,508 | 28 | 11 | 11 |
| **JEØUXR** | **28** | **138,456** | **454** | **35** | **73** |
| *JAØBQB | 14 | 18,560 | 104 | 23 | 41 |
| *JHØDNX | 7 | 20,605 | 118 | 21 | 44 |
| *JAØGZ | * | 144 | 8 | 3 | 3 |
| *JRØBAT | * | 136 | 7 | 4 | 4 |
| *JH3LCU/Ø | 3.5 | 3,630 | 53 | 14 | 19 |
| *JAØQWO | * | 900 | 24 | 9 | 11 |
| *JHØCZQ/Ø | 1.8 | 414 | 14 | 8 | 10 |

## JORDAN

| | | | | | |
|---|---|---|---|---|---|
| **JY8VJ** | **A** | **8,031,168** | **4900** | **141** | **432** |
| | | | (Opr. DL1VJ) | | |

## KAZAKH REPUBLIC

| | | | | | |
|---|---|---|---|---|---|
| **UL8GO** | **7** | **374,496** | **1121** | **33** | **108** |
| UL7BAY | " | 277 704 | 771 | 30 | 103 |
| **UL7BN** | **3.5** | **58,170** | **301** | **14** | **56** |
| UL7TJ | * | 26 873 | 167 | 20 | 57 |
| ***UL8PC** | **A** | **109,330** | **331** | **43** | **87** |
| *UL8CWC | * | 47 483 | 171 | 34 | 69 |
| ***RL7LT** | **14** | **72,072** | **311** | **26** | **65** |

## KOREA

| | | | | | |
|---|---|---|---|---|---|
| ***HL9UH** | **A** | **167,228** | **400** | **80** | **114** |
| *HL5AP | * | 84 316 | 312 | 42 | 65 |

## MALAYSIA

| | | | | | |
|---|---|---|---|---|---|
| ***9M2FK** | **14** | **37,400** | **251** | **26** | **42** |

## MONGOLIA

| | | | | | |
|---|---|---|---|---|---|
| **JT1 /UA3DK** | **A** | **1,789,284** | **2356** | **111** | **246** |
| JT1CS | " | 1,095 168 | 1796 | 97 | 179 |
| ***JT1 /JI2MED** | **A** | **158,823** | **385** | **41** | **86** |
| *JT1 /UV3HD | 1.8 | 242 | 19 | 6 | 5 |

## PAKISTAN

| | | | | | |
|---|---|---|---|---|---|
| *AP/WM3C | 14 | 1,457 | 19 | 14 | 17 |

## RUSSIA

| | | | | | |
|---|---|---|---|---|---|
| **UA9XEN** | **A** | **428,792** | **562** | **67** | **181** |
| UA9XM | " | 4 205 | 50 | 14 | 15 |
| UA9XF | " | 1 296 | 21 | 9 | 15 |
| **UA9OOX** | **28** | **228,520** | **861** | **27** | **89** |
| **RZ9UA** | **14** | **939,080** | **2003** | **38** | **132** |
| UA9IS | " | 714,420 | 1617 | 38 | 124 |
| UW9SW | * | 242,880 | 750 | 33 | 87 |
| **UA9OC** | **3.5** | **58,788** | **336** | **14** | **55** |
| UA9FGJ | * | 28,728 | 198 | 12 | 44 |
| **UA9AT** | **1.8** | **60,984** | **300** | **15** | **57** |
| RA9UK | * | 12,650 | 139 | 13 | 33 |
| ***UA9AKG** | **A** | **171,083** | **407** | **36** | **118** |
| *EX9X | * | 52,243 | 210 | 27 | 62 |
| | | | (Opr. UA9XC) | | |
| ***RA9CEJ** | **21** | **184,896** | **656** | **27** | **80** |
| *UA9SCX | * | 125,164 | 437 | 31 | 85 |
| *UW9TW | * | 109,392 | 394 | 28 | 78 |
| *RA9XN | * | 7,215 | 68 | 11 | 26 |
| ***UA9XW** | **14** | **90,636** | **360** | **23** | **60** |
| ***UA9AS** | **3.5** | **50,813** | **275** | **12** | **49** |
| **RWØAB** | **A** | **1,291,980** | **1697** | **88** | **217** |
| RAØFB | * | 102,114 | 541 | 30 | 63 |
| UWØST | * | 24,100 | 132 | 38 | 62 |
| RAØFA | 7 | 5,962 | 94 | 12 | 14 |
| **UAØSR** | **3.5** | **48,777** | **334** | **17** | **54** |
| UAØFZ | * | 24,090 | 230 | 21 | 34 |
| UAØLCZ | * | 10,542 | 143 | 14 | 28 |

## SAUDI ARABIA

| | | | | | |
|---|---|---|---|---|---|
| **7Z2AB** | **A** | **4,946,500** | **3416** | **134** | **366** |
| | | | (Opr. K2XR) | | |
| HZ1HZ | * | 2,009,360 | 1725 | 110 | 318 |

## SINGAPORE

| | | | | | |
|---|---|---|---|---|---|
| ***9V1YC** | **A** | **2,679,948** | **2772** | **133** | **320** |

## TADZIK REPUBLIC

| | | | | | |
|---|---|---|---|---|---|
| **UJ8JMM** | **A** | **378,104** | **514** | **97** | **216** |
| **UJ8JA** | **7** | **283,456** | **1124** | **28** | **75** |

## TAIWAN

| | | | | | |
|---|---|---|---|---|---|
| **BV/K1RX** | **A** | **3,421,748** | **3543** | **142** | **276** |
| **BV2CR** | **21** | **132,010** | **742** | **26** | **60** |

## TURKOMAN

| | | | | | |
|---|---|---|---|---|---|
| **UH8BO** | **21** | **71,712** | **318** | **26** | **70** |
| **RH8AX** | **14** | **202,111** | **865** | **24** | **67** |

## UNITED ARAB EMIRITES

| | | | | | |
|---|---|---|---|---|---|
| **A61AC** | **A** | **5,847,840** | **3736** | **148** | **410** |
| | | | (Opr. N6AA) | | |

# EUROPE

## AUSTRIA

| | | | | | |
|---|---|---|---|---|---|
| **OE5SPW** | **A** | **352,186** | **506** | **93** | **200** |
| OE3EMN/1 | " | 322,695 | 427 | 96 | 259 |
| OE3RE | " | 144,963 | 346 | 61 | 128 |
| **OE3DSA** | **28** | **280,980** | **781** | **37** | **103** |
| **OE5BWN** | **7** | **36,852** | **229** | **16** | **67** |
| **OE3GSA** | **3.5** | **359,915** | **1856** | **24** | **77** |
| OE5JDL | " | 31,320 | 241 | 17 | 70 |
| ***OE2VEL** | **A** | **1,298,355** | **1255** | **134** | **371** |
| *OE6CLD | 28 | 11,430 | 91 | 18 | 27 |
| *OE3ICS | 7 | 18,620 | 120 | 18 | 58 |

## BALEARIC ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **EA6ZY** | **A** | **3,946,019** | **3466** | **130** | **409** |
| | | | (Opr. N6RA) | | |
| EA6ZS | " | 92,352 | 318 | 43 | 105 |
| **EA6ACC** | **28** | **99,788** | **679** | **25** | **76** |
| **EA6GP** | **14** | **42,846** | **337** | **17** | **57** |

## BELARUS

| | | | | | |
|---|---|---|---|---|---|
| **UC2AFC** | **A** | **487,058** | **964** | **78** | **184** |
| **UC2SN** | **14** | **143,022** | **600** | **36** | **85** |
| UC2ADM | 7 | 5,452 | 77 | 11 | 36 |
| ***UC2OIY** | **21** | **162,864** | **542** | **31** | **85** |
| *UC2ADR | 14 | 13,104 | 153 | 14 | 38 |

## BELGIUM

| | | | | | |
|---|---|---|---|---|---|
| **ON4WW** | **28** | **480,361** | **1165** | **37** | **126** |
| **ON4UN** | **1.8** | **118,772** | **893** | **16** | **76** |
| **ON7TK** | **"** | **81,430** | **691** | **16** | **69** |
| *ON4KFM | A | 211,560 | 439 | 67 | 148 |
| *ON5EU | * | 49,400 | 221 | 33 | 71 |
| ***ON4RU** | **"** | **464,758** | **1026** | **39** | **139** |
| *ON6TJ | * | 36,652 | 200 | 21 | 57 |
| ***ON5CW** | **21** | **190,890** | **805** | **26** | **75** |
| *ON4ZD | * | 97,859 | 414 | 25 | 76 |
| *ON4PX | * | 28,392 | 214 | 16 | 40 |
| *ON4KRO | * | 4,928 | 79 | 10 | 18 |
| ***ON4XG** | **14** | **78,012** | **425** | **27** | **72** |
| *ON6LC | * | 5,740 | 83 | 11 | 30 |
| *ON5SV | * | 1,248 | 34 | 8 | 18 |

## BOSNIA-HERZEGOVINA

| | | | | | |
|---|---|---|---|---|---|
| *YU4XA | 14 | 9,016 | 112 | 14 | 35 |

## BULGARIA

| | | | | | |
|---|---|---|---|---|---|
| LZ3SM | A | 98,928 | 432 | 80 | 149 |
| **LZ1MC** | **28** | **260,117** | **783** | **37** | **106** |
| **LZ5W** | **21** | **675,635** | **1797** | **39** | **124** |
| LZ4IM | * | 412,720 | 1204 | 37 | 117 |
| LZ1BJ | * | 334,574 | 1152 | 31 | 100 |
| LZ2ZV | * | 132,000 | 572 | 33 | 54 |
| LZ1WT | * | 2,627 | 34 | 15 | 22 |
| **LZ1WL** | **14** | **76,032** | **452** | **33** | **75** |
| **LZ5G** | **7** | **346,080** | **1176** | **34** | **106** |
| LZ1CW | * | 49,868 | 281 | 20 | 71 |
| **LZ2KRU** | **3.5** | **38,857** | **419** | **14** | **47** |
| ***LZ3FN** | **A** | **1,904,750** | **398** | **65** | **135** |
| *LZ1KNP | * | 362,210 | 592 | 75 | 215 |
| *LZ3BG | * | 68,526 | 288 | 49 | 92 |
| *LZ3AW | * | 37,336 | 152 | 37 | 67 |
| *LZ1FJ | * | 12,696 | 129 | 18 | 51 |
| ***LZ2GP** | **28** | **128,610** | **374** | **35** | **109** |
| *LZ1FI | * | 125,882 | 485 | 30 | 83 |
| ***LZ6L** | **7** | **245,481** | **903** | **35** | **105** |
| | | | (Opr. LZ3YY) | | |
| *LZ1ZX | * | 245,480 | 918 | 38 | 114 |
| *LZ2FM | * | 10,382 | 128 | 11 | 42 |
| ***LZ2WA** | **1.8** | **4,060** | **114** | **5** | **30** |

## CROATIA

| | | | | | |
|---|---|---|---|---|---|
| **9A2AJ** | **A** | **1,582,212** | **1717** | **134** | **340** |
| 9A2OB | * | 1,017,720 | 2570 | 106 | 290 |
| **9A1CCY** | **28** | **673,524** | **1702** | **37** | **122** |
| **9A7A** | **14** | **752,388** | **2246** | **38** | **121** |
| | | | (Opr. 9A3ER) | | |
| **9A3IQ** | **7** | **558,129** | **1663** | **34** | **109** |
| 9A2NW | * | 317,664 | 933 | 34 | 110 |
| **9A1HCD** | **1.8** | **82,904** | **778** | **15** | **71** |
| *9A3ZG | A | 55,870 | 213 | 43 | 108 |
| *9A3ZO | " | 1,911 | 33 | 15 | 24 |
| ***9A3QK** | **3.5** | **36,840** | **539** | **8** | **52** |

## CZECHOSLOVAKIA

| | | | | | |
|---|---|---|---|---|---|
| **OK1ALQ** | **A** | **157,122** | **414** | **55** | **93** |
| **OK1ALW** | **21** | **563,316** | **1420** | **38** | **119** |
| **OK1HCG** | **7** | **29,316** | **180** | **18** | **66** |
| **OK1JJF** | **3.5** | **100,260** | **785** | **16** | **74** |
| OK1DRO | " | 75,064 | 591 | 16 | 72 |
| **OK1JDX** | **1.8** | **22,446** | **372** | **9** | **49** |
| ***OK1KT** | **A** | **747,544** | **877** | **117** | **412** |
| ***OK1FMR** | **"** | **579,278** | **892** | **91** | **231** |
| *OK1VD | " | 480,469 | 650 | 106 | 235 |
| *OK1FFS | " | 451,080 | 851 | 81 | 189 |
| *OK1KZ | " | 371,924 | 726 | 70 | 189 |
| *OK1PG | " | 352,728 | 568 | 78 | 198 |
| *OK1PEG | " | 347,279 | 669 | 77 | 192 |
| *OK1DUT | " | 327,450 | 790 | 62 | 160 |
| *OK1BLC | " | 323,348 | 666 | 57 | 172 |
| *OK1DXW | " | 270,084 | 467 | 86 | 198 |
| *OK1FFG | " | 132,012 | 273 | 60 | 133 |
| *OK1DSZ | " | 115,948 | 385 | 48 | 125 |
| *OK1MHI | " | 69,696 | 321 | 39 | 105 |
| *OK1EV | " | 50,876 | 257 | 25 | 54 |
| *OK1SZ | " | 28,072 | 113 | 41 | 47 |
| *OK1FOI | " | 27,405 | 138 | 41 | 64 |
| *OK1DMP | * | 384 | 8 | 3 | 8 |
| ***OK1AES** | **28** | **103,500** | **313** | **34** | **91** |
| ***OK1DJO** | **21** | **121,914** | **464** | **33** | **84** |
| *OK1FHI | * | 85,158 | 292 | 33 | 81 |
| *OK1FKW | * | 48,048 | 256 | 23 | 55 |
| *OK1FKI | * | 16,297 | 135 | 19 | 24 |
| ***OK1MKI** | **14** | **79,712** | **416** | **26** | **80** |
| *OK1JCJ | * | 9,800 | 109 | 15 | 34 |
| ***OK1JST** | **7** | **16,926** | **161** | **14** | **48** |
| ***OK1DUG** | **3.5** | **89,440** | **208** | **8** | **43** |
| *OK1AEH | " | 132 | 14 | 2 | 9 |
| **OK2TBC** | **A** | **1,083,537** | **1405** | **99** | **152** |
| **OK2PAY** | **14** | **390,300** | **1230** | **35** | **116** |
| **OK2ABU** | **7** | **33,196** | **202** | **18** | **68** |
| ***OK2HI** | **A** | **369,088** | **663** | **73** | **219** |
| *OK2EC | * | 302,738 | 589 | 71 | 158 |
| *OK2QX | * | 80,029 | 197 | 67 | 124 |
| *OK2PBG | * | 69,733 | 240 | 47 | 96 |
| *OK2BBQ | * | 63,063 | 351 | 28 | 89 |
| *OK2SWD | * | 61,498 | 266 | 33 | 64 |
| *OK2PPM | * | 22,612 | 412 | 47 | 135 |
| *OK2PSZ | * | 26,973 | 99 | 46 | 65 |
| *OK2PJW | * | 8,050 | 175 | 5 | 41 |
| ***OK2PLH** | **28** | **92,568** | **288** | **33** | **81** |
| ***OK2ON** | **21** | **123,585** | **490** | **29** | **78** |
| *OK2BNF | * | 27,216 | 168 | 21 | 42 |
| *OK2PAU | * | 20,894 | 137 | 19 | 43 |
| *OK2PSC | 7 | 49,136 | 274 | 19 | 64 |
| ***OK2ZBU** | **3.5** | **62,216** | **574** | **14** | **74** |
| ***OK2PWJ** | **1.8** | **13,389** | **213** | **8** | **48** |
| *OK2BWM | * | 6,210 | 128 | 8 | 37 |
| **OK3RM** | **7** | **682,970** | **1775** | **39** | **124** |
| **OK3TPV** | **3.5** | **245,323** | **1139** | **27** | **86** |
| ***OK3IA** | **A** | **550,956** | **818** | **76** | **218** |
| *OK3PQ | * | 520,832 | 777 | 87 | 226 |
| *OK3CCC | * | 369,795 | 639 | 77 | 190 |
| *OK3DT | " | 277,134 | 645 | 63 | 158 |
| *OK3BA | * | 265,558 | 487 | 72 | 179 |
| *OK3CDZ | * | 258,780 | 714 | 62 | 165 |
| *OK3TGC | * | 37,360 | 219 | 24 | 56 |
| *OK3IF | * | 34,762 | 203 | 28 | 63 |
| *OK3CWF | * | 25,957 | 232 | 25 | 76 |
| *OK3TBB | * | 4,284 | 51 | 13 | 15 |
| ***OK3TAY** | **28** | **28,304** | **193** | **24** | **34** |
| *OK3WST | * | 15,569 | 105 | 19 | 44 |
| ***OK3CAP** | **21** | **126,730** | **489** | **30** | **85** |
| *OK3TLI | " | 6,148 | 103 | 10 | 19 |
| ***OK3CAB** | **14** | **39,973** | **333** | **20** | **51** |
| ***OK3CND** | **3.5** | **66,994** | **567** | **16** | **66** |
| *OK3TEG | " | 18,306 | 299 | 8 | 46 |
| *OK3CDN | " | 15,394 | 241 | 9 | 48 |
| ***OK3TQX** | **1.8** | **11,550** | **191** | **7** | **48** |
| *OK3QW | " | 5,762 | 130 | 6 | 37 |
| *OK3TYM/P | " | 3,700 | 101 | 5 | 32 |

## DENMARK

| | | | | | |
|---|---|---|---|---|---|
| **OZ1LO** | **A** | **2,949,492** | **2586** | **140** | **406** |
| OZ5DX | " | 767,536 | 1017 | 100 | 292 |
| OZ2RH | " | 10,138 | 45 | 27 | 47 |
| **OZ8RO** | **7** | **69,904** | **232** | **35** | **101** |
| **OZ7HT** | **3.5** | **147,630** | **954** | **19** | **76** |
| ***OZ8AE** | **A** | **1,021,108** | **989** | **127** | **379** |
| *OZ5MJ | * | 959,459 | 1073 | 97 | 324 |
| *OZ1FFG | * | 601,302 | 896 | 97 | 289 |
| *OZ1LQH | * | 490,356 | 778 | 83 | 235 |
| *OZ5KJ | * | 464,538 | 762 | 86 | 192 |
| *OZ5ABD | * | 38,864 | 211 | 39 | 73 |
| *OZ /SM7GCZ | 28 | 9,163 | 73 | 16 | 33 |
| *OZ1BVA | 21 | 16,132 | 174 | 14 | 23 |
| *OZ5MAY | 14 | 1,485 | 39 | 7 | 20 |
| *OZ7GF | * | 576 | 12 | 8 | 8 |
| *OZ1IZB | 3.5 | 546 | 22 | 4 | 17 |
| ***OZ5PA** | **1.8** | **2,574** | **51** | **7** | **32** |

## DODECANESE ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| ***SV5 /W4PRO** | **A** | **1,074,864** | **2142** | **79** | **257** |
| ***SV5 /SMØCMH** | **A** | **827,206** | **2033** | **67** | **207** |

## ENGLAND

| | | | | | |
|---|---|---|---|---|---|
| **G4BUO** | **A** | **3,983,382** | **2854** | **145** | **442** |
| G3MXJ | * | 3,270,278 | 2331 | 140 | 422 |
| G3VHB | * | 2,444,160 | 2625 | 116 | 286 |
| G3UFY | * | 1,665,348 | 1733 | 107 | 321 |
| G4IVJ | * | 658,552 | 1136 | 75 | 188 |
| G3TXF | * | 127,788 | 205 | 88 | 188 |
| G3KKQ | * | 99,066 | 279 | 47 | 111 |
| **G4CNY** | **21** | **462,985** | **1304** | **37** | **108** |
| G4ZKJ | " | 2 | 1 | 1 | 1 |
| **G3WRR** | **7** | **26,588** | **202** | **14** | **54** |
| **G3KDB** | **3.5** | **360,822** | **1488** | **28** | **93** |
| G4ARI | * | 92,334 | 869 | 14 | 52 |
| **G4PIQ** | **1.8** | **50,410** | **580** | **11** | **60** |
| G3KMA | * | 33,361 | 390 | 12 | 61 |
| ***G3SWH** | **A** | **1,030,788** | **1252** | **96** | **300** |
| *G3PJT | " | 687,084 | 850 | 99 | 273 |
| *G3ESF | " | 612,340 | 917 | 73 | 242 |
| *GØIDE | " | 339,273 | 712 | 61 | 146 |
| *G3GGS | " | 272,994 | 433 | 69 | 194 |
| *G5MY | " | 246,906 | 461 | 71 | 187 |
| *G6QQ | " | 236,915 | 449 | 71 | 174 |
| *G3JKY | * | 205,567 | 547 | 59 | 140 |
| *G3NKS | * | 151,216 | 383 | 57 | 151 |
| *G3XVF | * | 145,600 | 427 | 53 | 129 |
| *G4ZME | * | 116,998 | 396 | 39 | 83 |
| *G4OBK | " | 4,998 | 46 | 22 | 27 |
| ***G3KHZ** | **28** | **319,340** | **890** | **34** | **106** |
| *G4UZN | " | 110,502 | 362 | 31 | 95 |
| ***G4ZOB** | **7** | **72,700** | **389** | **21** | **75** |
| ***G3BDQ** | **1.8** | **5,808** | **102** | **8** | **40** |

## ESTONIA

| | | | | | |
|---|---|---|---|---|---|
| **ES1AW** | **28** | **56,336** | **228** | **33** | **79** |
| **ES5MC** | **14** | **593,181** | **1775** | **37** | **116** |
| **ESØNW** | **7** | **34,539** | **231** | **22** | **65** |
| ***ES6PZ** | **A** | **337,084** | **695** | **80** | **246** |
| ***ES1CW** | **3.5** | **28,014** | **430** | **9** | **49** |

## FAROE ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **OY1CT** | **A** | **1,189,944** | **2009** | **85** | **293** |
| **OY9JD** | **1.8** | **52,710** | **663** | **10** | **60** |

## FINLAND

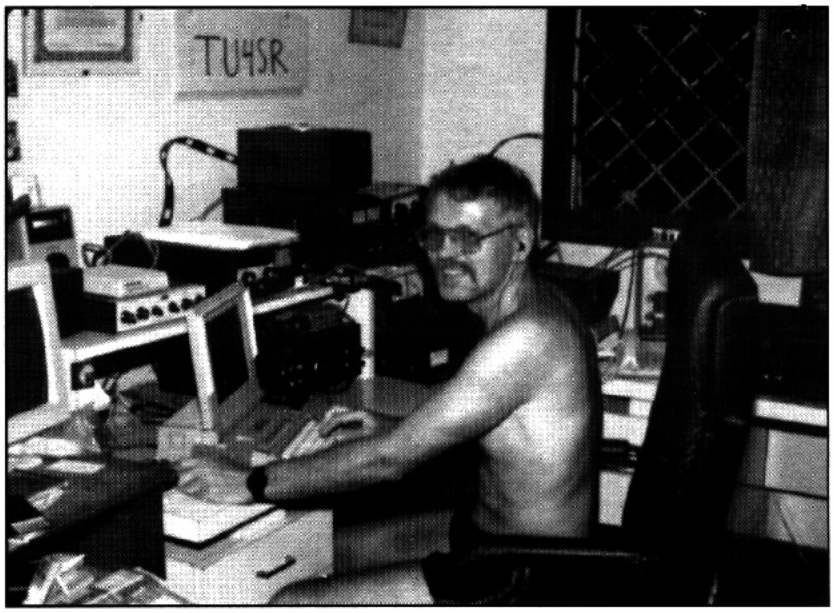
| | | | | | |
|---|---|---|---|---|---|
| **OH6WZ** | **A** | **2,949,503** | **2157** | **134** | **417** |
| OH5NQ | " | 699,264 | 1047 | 82 | 206 |
| | | | (Opr. OH1WZ) | | |
| OH2LJ | " | 366,933 | 653 | 81 | 222 |
| OH2VZ | " | 225,766 | 338 | 96 | 180 |
| OH6NEV | " | 197,670 | 320 | 91 | 239 |
| OH2AC | " | 39,664 | 113 | 56 | 92 |
| OH2BGD | " | 32,240 | 86 | 55 | 75 |
| OH1PY | " | 18,104 | 130 | 23 | 50 |
| OH2BBT | " | 7,790 | 70 | 16 | 25 |
| **OG6QU** | **28** | **217,560** | **769** | **36** | **111** |
| OG3MFT | " | 202,575 | 607 | 38 | 117 |
| OH5PA | " | 4,840 | 37 | 20 | 35 |
| **OH2BH** | **21** | **757,520** | **1855** | **38** | **132** |
| | | | (Opr. OH6UM) | | |
| OG8VJ | " | 361,440 | 1388 | 33 | 87 |
| OH3NM | " | 84,371 | 238 | 31 | 88 |
| OH3WS | " | 41,097 | 165 | 27 | 70 |
| **OH4NRC** | **14** | **864,058** | **2124** | **39** | **128** |
| OG8LQ | " | 602,390 | 2376 | 29 | 89 |
| OH6NEX | " | 474,176 | 1631 | 30 | 94 |
| OG1AT | " | 252,306 | 952 | 34 | 97 |
| OH3MC | " | 48,048 | 232 | 27 | 64 |
| OH2BCD | " | 32,264 | 196 | 21 | 53 |
| **OG7MA** | **7** | **495,880** | **1474** | **38** | **123** |
| **OH7UE** | **3.5** | **218,766** | **1107** | **29** | **85** |
| OH2PM | " | 174,720 | 956 | 30 | 90 |
| OH2BCI | " | 174,592 | 877 | 30 | 98 |
| OG3OJ | " | 25,872 | 301 | 15 | 51 |
| OH7MEH | " | 23,157 | 120 | 18 | 65 |
| **OH1MA** | **1.8** | **18,910** | **259** | **10** | **52** |
| ***OG6NIO** | **A** | **2,296,625** | **2073** | **121** | **354** |
| ***OH3LIM** | **"** | **1,149,120** | **1392** | **111** | **337** |
| *OH2BSQ | " | 830,304 | 1080 | 104 | 326 |
| *OH3TY | " | 690,060 | 697 | 112 | 342 |
| *OH6VR | " | 534,225 | 568 | 108 | 311 |
| *OH1TN | " | 507,848 | 611 | 98 | 300 |
| *OH6LNI | " | 391,590 | 565 | 92 | 250 |
| *OH2UBF | " | 364,296 | 571 | 85 | 259 |
| *OH2BJG | " | 352,260 | 626 | 77 | 232 |
| *OH5LLR | " | 304,128 | 822 | 64 | 200 |
| *OG7NW | " | 120,669 | 361 | 51 | 168 |
| *OH4LYX | " | 104,152 | 381 | 52 | 136 |
| *OG6YLS | " | 83,160 | 341 | 39 | 115 |
| *OH3GZ | " | 62,832 | 232 | 51 | 117 |
| *OH2WJW | " | 47,995 | 253 | 38 | 107 |
| *OH2VF | " | 31,414 | 100 | 50 | 63 |
| *OG6MIL | " | 18,490 | 101 | 32 | 54 |
| *OH5NU | " | 15,732 | 96 | 33 | 59 |
| ***OH7NVU** | **28** | **182,912** | **429** | **31** | **97** |
| *OH2MPO | " | 89,100 | 310 | 31 | 101 |
| *OH6RC | " | 69,948 | 235 | 33 | 101 |
| *OH2YL | " | 39,220 | 155 | 29 | 77 |
| *OH8MIZ | " | 33,338 | 306 | 24 | 55 |
| ***OH3MEO** | **21** | **127,420** | **507** | **30** | **85** |
| *OH4ML | " | 103,788 | 408 | 32 | 92 |
| *OH8LC | " | 76,320 | 349 | 31 | 59 |
| *OH8NLC | " | 75,504 | 325 | 27 | 77 |
| *OH7EU | " | 55,545 | 221 | 27 | 78 |
| *OH6MBQ | " | 34,816 | 271 | 19 | 49 |
| ***OH9UW** | **14** | **74,166** | **386** | **27** | **67** |
| *OG6JP | " | 7,406 | 75 | 15 | 37 |
| ***OH5OY** | **7** | **24,050** | **200** | **15** | **59** |
| *OH73QT | " | 22,620 | 167 | 17 | 61 |
| *OH6LL | " | 15,535 | 149 | 16 | 49 |
| ***OG3MMF** | **1.8** | **30,745** | **445** | **9** | **56** |
| *OH1KF | " | 22,176 | 311 | 9 | 54 |
| *OG4YR | " | 11,368 | 202 | 7 | 42 |
| *OH2BO | " | 5,985 | 74 | 9 | 48 |

## FRANCE

| | | | | | |
|---|---|---|---|---|---|
| **F6CEL** | **A** | **1,469,400** | **2108** | **84** | **226** |
| F5IG | " | 606,854 | 1001 | 77 | 216 |
| F6HWU | " | 225,891 | 505 | 56 | 115 |
| FE1LHI | " | 184,494 | 483 | 57 | 137 |
| F6GIN | " | 94,848 | 283 | 45 | 83 |
| F3VV | " | 47,642 | 120 | 66 | 100 |
| FE1NLX | " | 46,872 | 268 | 35 | 73 |
| **FE1NEP** | **28** | **32,640** | **182** | **24** | **44** |
| **FF6KBF** | **14** | **270,072** | **964** | **34** | **90** |
| | | | (Opr. F6HSV) | | |
| F1QZF | 7 | 54,000 | 238 | 27 | 81 |
| F6JIC | " | 24,900 | 170 | 19 | 56 |
| **F2CW** | **3.5** | **237,558** | **1394** | **23** | **79** |
| F1NBX | " | 116,266 | 783 | 17 | 52 |
| **F6CWA** | **1.8** | **28,644** | **373** | **11** | **55** |
| F6AML | " | 10,024 | 167 | 8 | 48 |
| ***F6FGZ** | **A** | **1,717,664** | **1580** | **111** | **305** |
| ***F1OIE** | **"** | **714,384** | **1071** | **84** | **244** |
| *F6EQV | " | 309,890 | 630 | 66 | 167 |
| *FD1NQL | " | 307,257 | 674 | 69 | 150 |
| *FD1SLQ | " | 296,184 | 524 | 66 | 180 |
| *F6EQV | " | 286,590 | 630 | 66 | 167 |
| *F1MOY | " | 256,434 | 532 | 72 | 165 |
| *F5FII | " | 203,229 | 499 | 56 | 135 |
| *F5DZD | " | 116,160 | 338 | 50 | 110 |
| *F1JLV | " | 103,277 | 310 | 48 | 91 |
| *F5FTB | " | 100,594 | 283 | 48 | 98 |
| *F1NKX | " | 96,849 | 211 | 69 | 142 |
| *FE1LBG | " | 91,632 | 299 | 53 | 131 |
| *FE1MGZ | " | 87,248 | 288 | 47 | 105 |
| *F8TM | " | 48,480 | 195 | 37 | 83 |
| *F9BB | " | 43,608 | 179 | 35 | 103 |
| *F5CYT | " | 33,968 | 165 | 30 | 58 |
| *FD1RAB | " | 28,980 | 142 | 30 | 75 |
| *FD1SFM | " | 28,100 | 166 | 28 | 72 |
| *F9QE | " | 23,782 | 128 | 33 | 61 |
| *F5AM | " | 10,446 | 96 | 13 | 30 |
| ***FD1OQJ** | **28** | **102,917** | **420** | **29** | **68** |
| *F6AXD | " | 540 | 23 | 5 | 5 |
| ***FFØXX** | **14** | **82,700** | **443** | **27** | **73** |
| *FD1PBL | " | 23,790 | 214 | 17 | 44 |
| ***F1MXH** | **7** | **266,772** | **1289** | **21** | **73** |

## GERMANY

| | | | | | |
|---|---|---|---|---|---|
| **DJ5JH** | **A** | **1,691,687** | **1442** | **137** | **384** |
| **DL1SBR** | **"** | **1,561,875** | **1609** | **105** | **320** |
| **DL7MAE** | **"** | **1,382,370** | **1076** | **144** | **446** |
| Y51TD | " | 991,743 | 1190 | 107 | 304 |
| DJ6QT | " | 948,295 | 1059 | 110 | 335 |
| DL5JQ | " | 873,509 | 1224 | 83 | 248 |
| DL1NCT | " | 808,640 | 1052 | 105 | 256 |
| DJ7MG | " | 798,700 | 1067 | 101 | 249 |
| DJ8CR | " | 749,050 | 1040 | 87 | 268 |
| DL1JF | " | 746,360 | 894 | 105 | 292 |
| DL8KAW | " | 628,895 | 830 | 93 | 272 |
| DK3YD | " | 606,298 | 890 | 85 | 256 |
| DL4FJ | " | 530,142 | 837 | 80 | 218 |
| DJ7AA | " | 491,040 | 1430 | 38 | 122 |
| DK5QK | " | 460,591 | 739 | 86 | 225 |
| DF4TD | " | 376,380 | 657 | 84 | 222 |
| DL4HU | " | 330,395 | 502 | 92 | 207 |
| DL5YAS | " | 313,500 | 660 | 66 | 162 |
| DK4TB | " | 296,180 | 500 | 79 | 172 |
| DK4RM | " | 285,278 | 501 | 86 | 201 |
| DF4PD | " | 270,401 | 400 | 102 | 215 |
| DJ5AV | " | 253,858 | 523 | 63 | 156 |
| DJ1YH | " | 253,588 | 416 | 89 | 203 |
| DL9NCR | " | 252,840 | 507 | 71 | 174 |
| DK5AD | " | 235,524 | 504 | 71 | 157 |
| DFØIT | " | 224,644 | 533 | 61 | 165 |
| DL8UED | " | 221,496 | 365 | 78 | 186 |
| DF5BM | " | 177,750 | 441 | 44 | 106 |
| DL8UCC | " | 177,513 | 259 | 104 | 133 |
| DJ2YE | " | 152,092 | 470 | 44 | 144 |
| DF9ZP | " | 150,120 | 225 | 87 | 191 |
| DL8CM | " | 130,800 | 270 | 92 | 235 |
| DLØWCM | " | 92,576 | 227 | 64 | 112 |
| DJ2UU | " | 63,888 | 244 | 36 | 85 |
| DL5AKF | " | 31,752 | 178 | 29 | 97 |
| DJ8CG | " | 26,950 | 97 | 45 | 53 |
| DL4NBV | " | 20,648 | 137 | 25 | 64 |
| DF1QQ | " | 11,178 | 102 | 23 | 46 |
| **DL1SBF** | **28** | **56,870** | **201** | **29** | **81** |
| DL7YS | " | 1,166 | 19 | 9 | 13 |
| **DLØLR** | **21** | **135,110** | **506** | **31** | **87** |
| DL3BRA | " | 110,611 | 420 | 34 | 95 |
| DL7DE | " | 46,231 | 236 | 25 | 57 |
| **DF7TU** | **14** | **25,134** | **251** | **19** | **51** |
| **Y42MK** | **7** | **249,990** | **794** | **32** | **98** |
| DK3KD | " | 68,932 | 378 | 23 | 56 |
| **DL1HBT** | **3.5** | **92,856** | **601** | **24** | **82** |
| DL1BJL | " | 53,690 | 617 | 13 | 52 |
| DF4SA | " | 29,376 | 291 | 12 | 56 |
| ***DL2SCJ** | **A** | **1,417,680** | **1154** | **142** | **386** |
| ***DA1AM** | **"** | **1,115,154** | **1451** | **92** | **294** |
| | | | (Opr. KB8N) | | |
| ***Y88VO** | **"** | **986,542** | **1062** | **115** | **339** |
| ***DF4ZL** | **"** | **704,469** | **937** | **102** | **279** |
| *DJ5CC | " | 672,818 | 873 | 93 | 260 |
| *DJ6WD | " | 587,407 | 808 | 92 | 247 |
| *DL7CF | " | 511,500 | 696 | 91 | 250 |
| *DL4JYT | " | 498,261 | 745 | 78 | 229 |
| *DL7QU | " | 460,831 | 719 | 72 | 229 |
| *DL1TH | " | 425,952 | 736 | 78 | 210 |
| *DF3OL | " | 389,400 | 609 | 84 | 211 |
| *DL5DXF | " | 376,464 | 515 | 93 | 275 |
| *DF1AZ | " | 345,852 | 747 | 62 | 172 |
| *DL2GBB | " | 319,428 | 656 | 63 | 165 |
| *DL6JFA | " | 233,810 | 520 | 59 | 168 |
| *Y54NL/A | " | 207,466 | 418 | 71 | 132 |
| *DL7BQ/P | " | 202,250 | 484 | 68 | 182 |
| *DL6AXI | " | 184,912 | 383 | 63 | 145 |
| *DL1ZQ | " | 182,938 | 425 | 61 | 118 |
| *DK8FD | " | 176,151 | 369 | 61 | 152 |
| *DL5LYM | " | 155,760 | 325 | 67 | 109 |
| *DL5SDN | " | 153,600 | 341 | 64 | 136 |
| *Y54TO | " | 128,544 | 317 | 62 | 137 |
| *Y35WF | " | 124,248 | 391 | 44 | 123 |
| *DL2DWA | " | 120,615 | 227 | 65 | 102 |
| *DL1ARJ | " | 117,436 | 314 | 54 | 103 |
| *DJ8EW | " | 112,860 | 270 | 67 | 113 |
| *DL3HSC | " | 101,897 | 322 | 55 | 118 |
| *Y57UD | " | 97,680 | 401 | 44 | 104 |
| *Y21TO | " | 85,212 | 240 | 45 | 117 |
| *DL2DRZ | " | 76,201 | 195 | 63 | 118 |
| *DL8UVG | " | 69,615 | 255 | 40 | 65 |
| *DL2HTF | " | 65,100 | 190 | 49 | 101 |
| *DL9VDQ | " | 53,333 | 196 | 43 | 90 |
| *DL6HRW | " | 43,785 | 176 | 43 | 96 |
| *DL3DBY | " | 34,250 | 213 | 38 | 87 |
| *DF2UU | " | 30,956 | 93 | 57 | 97 |
| *DJ3GE | " | 28,801 | 141 | 23 | 50 |
| *Y38YE | " | 27,732 | 148 | 29 | 47 |
| *DL5JEN | " | 22,274 | 140 | 28 | 46 |
| *DL8MKW | " | 22,032 | 112 | 45 | 57 |
| *Y23GB | " | 18,469 | 107 | 26 | 47 |
| *DL2VLA/P | " | 14,716 | 102 | 24 | 42 |
| *DF3QN | " | 10,960 | 80 | 29 | 51 |
| *DL8ZWG | " | 10,168 | 70 | 14 | 48 |
| *DL3HWW | " | 6,386 | 61 | 19 | 43 |




*Thanks to TU4SR, shown here, for giving us all the TU multiplier on 14 MHz.*

| | | | | | |
|---|---|---|---|---|---|
| *DL9GMC | " | 4,270 | 73 | 13 | 22 |
| *DL3JRA | " | 2,448 | 36 | 16 | 20 |
| ***DL8NBY** | **28** | **58,695** | **233** | **25** | **66** |
| *DL5OBD | " | 41,296 | 172 | 26 | 63 |
| *DL4XU | " | 37,262 | 233 | 21 | 41 |
| *DF5WN | " | 34,500 | 235 | 21 | 39 |
| *DL2HRE | " | 31,228 | 168 | 22 | 52 |
| *DL9SDD | " | 5,220 | 63 | 14 | 22 |
| ***DL5JRA** | **21** | **101,232** | **383** | **23** | **88** |
| *DL6RDE | " | 100,152 | 424 | 30 | 77 |
| *DL2VKA | " | 4,680 | 42 | 20 | 20 |
| ***DL6UNF** | **14** | **40,455** | **269** | **24** | **63** |
| *Y71VG | " | 3,612 | 34 | 18 | 24 |
| *Y23BF | " | 748 | 12 | 10 | 12 |
| *DL1ASZ | 7 | 15,488 | 145 | 24 | 40 |
| *DL1DWT | " | 1,820 | 35 | 7 | 21 |
| ***DL6MTA** | **3.5** | **21,216** | **288** | **13** | **48** |
| *DK3LM | " | 13,380 | 159 | 11 | 49 |
| ***DJ9LJ** | **1.8** | **17,568** | **262** | **8** | **53** |
| ***DJ4KW** | **"** | **17,325** | **253** | **9** | **54** |
| *Y28AN | " | 9,700 | 199 | 7 | 43 |
| *DL2NXC | " | 5,243 | 90 | 7 | 42 |
| *Y22AA | " | 4,557 | 78 | 7 | 42 |

## HUNGARY

| | | | | | |
|---|---|---|---|---|---|
| **HA9PP** | **28** | **359,640** | **975** | **36** | **112** |
| HA7TM | " | 269,392 | 909 | 34 | 79 |
| **HA8VK** | **21** | **322,924** | **1086** | **36** | **97** |
| **HA5MY** | **7** | **234,220** | **864** | **35** | **105** |
| ***HA1CW** | **A** | **1,330,608** | **1539** | **115** | **341** |
| *HAØHW | " | 820,287 | 1106 | 99 | 252 |
| *HAØDD | " | 225,155 | 505 | 58 | 177 |
| *HA6VA | " | 202,400 | 464 | 57 | 163 |
| *HA5JP | " | 40,482 | 132 | 43 | 74 |
| ***HA6NW** | **21** | **117,562** | **559** | **24** | **62** |
| ***HA5LZ** | **14** | **108,395** | **348** | **35** | **98** |
| ***HA4EHQ** | **1.8** | **13,359** | **188** | **8** | **53** |

## ICELAND

| | | | | | |
|---|---|---|---|---|---|
| **TF3CW** | **7** | **211,677** | **1004** | **27** | **84** |

## IRELAND

| | | | | | |
|---|---|---|---|---|---|
| **EI6FR** | **14** | **243,225** | **743** | **26** | **83** |
| ***EI5DI** | **28** | **238,784** | **1087** | **25** | **66** |

## ISLE OF MAN

| | | | | | |
|---|---|---|---|---|---|
| ***GD4UOL** | **A** | **1,609,647** | **1866** | **102** | **345** |
| *GDØPWW | " | 412,542 | 1167 | 52 | 194 |
| | | | (Opr. W3TB) | | |

## ITALY

| | | | | | |
|---|---|---|---|---|---|
| **I8QFK** | **A** | **290,738** | **550** | **78** | **188** |
| IK1PMR | " | 255,136 | 401 | 92 | 180 |
| IC8FBU | " | 209,664 | 561 | 55 | 127 |
| I3FDZ | " | 159,005 | 312 | 83 | 162 |
| IK3SCB | " | 7,370 | 64 | 22 | 33 |
| **IØHCJ** | **28** | **309,450** | **966** | **37** | **103** |
| IK3HUG | " | 139,965 | 589 | 30 | 63 |
| **IR4T** | **21** | **526,792** | **1452** | **38** | **123** |
| | | | (Opr. IK2HBX) | | |
| I5NSR | " | 201,552 | 766 | 30 | 84 |
| **IN3NJB** | **14** | **376,614** | **1186** | **36** | **111** |
| IØIA | " | 264,040 | 1212 | 30 | 85 |
| | | | (Opr. IØRKV) | | |
| I5QQV | " | 9,405 | 98 | 14 | 41 |
| **I3JSS** | **7** | **718,080** | **1918** | **38** | **122** |
| **I3VHO** | **3.5** | **134,640** | **949** | **21** | **69** |
| I7ALE | " | 80,410 | 662 | 17 | 63 |
| **IK1GPG** | **1.8** | **6,864** | **126** | **7** | **45** |
| I2FUM | " | 63 | 8 | 2 | 7 |
| ***IK2AHB** | **A** | **446,424** | **815** | **79** | **185** |
| ***IKØHBN** | **"** | **372,060** | **561** | **97** | **221** |
| *IK5TSS | " | 297,414 | 540 | 66 | 180 |
| *IKØADY | " | 230,910 | 411 | 83 | 175 |
| *IK1OUK | " | 158,594 | 383 | 71 | 108 |
| *IK2AIT | " | 158,346 | 421 | 51 | 120 |
| *IKØCNA | " | 136,950 | 409 | 45 | 120 |
| *I1ZCD | " | 116,887 | 336 | 50 | 129 |
| *IØZUT | " | 108,331 | 511 | 36 | 91 |
| *IK4IDE | " | 96,021 | 323 | 47 | 84 |
| *IKØREH | " | 84,672 | 214 | 61 | 107 |
| *I2UIY | " | 75,078 | 245 | 41 | 83 |
| *IØFSP | " | 18,060 | 130 | 20 | 50 |
| *IK2NVE | " | 14,364 | 87 | 34 | 50 |
| *IK2MAR | " | 5,544 | 44 | 28 | 35 |
| *IKØJRH | 28 | 19,110 | 114 | 26 | 39 |
| *IK2IKW | " | 4,462 | 54 | 16 | 21 |
| ***I3JTE** | **21** | **132,787** | **561** | **28** | **79** |
| *IK2RHE | " | 9,154 | 76 | 20 | 25 |
| ***I2IFT** | **7** | **56,420** | **317** | **21** | **70** |
| *IKØFUX | 3.5 | 9,804 | 113 | 10 | 47 |

## JERSEY

| | | | | | |
|---|---|---|---|---|---|
| **GJ/K2WR** | **A** | **1,840,125** | **2560** | **82** | **293** |

## KALININGRAD

| | | | | | |
|---|---|---|---|---|---|
| *UA2WJ | A | 6,678 | 50 | 17 | 35 |

## KARELIA

| | | | | | |
|---|---|---|---|---|---|
| **UA1NDY** | **A** | **340,844** | **717** | **73** | **256** |
| ***UA1NFA** | **14** | **28,440** | **261** | **19** | **53** |
| ***UA1NDX** | **1.8** | **3,906** | **116** | **5** | **25** |

## LATVIA

| | | | | | |
|---|---|---|---|---|---|
| **YL2KO** | **A** | **956,384** | **1165** | **106** | **310** |
| **YL2KL** | **7** | **585,120** | **1699** | **40** | **122** |
| ***YL2SM** | **A** | **851,596** | **1035** | **114** | **308** |
| *YL2GVW | " | 294,644 | 722 | 60 | 178 |
| *YL2EC | " | 198,016 | 443 | 61 | 177 |
| *YL2SB | " | 12,500 | 92 | 22 | 28 |
| ***YL2HB** | **21** | **65,800** | **320** | **25** | **75** |
| ***YL2GN** | **14** | **174,960** | **805** | **30** | **90** |
| ***YL2UZ** | **7** | **52,185** | **365** | **22** | **83** |

## LITHUANIA

| | | | | | |
|---|---|---|---|---|---|
| **LY3BU** | **A** | **1,117,240** | **1313** | **104** | **320** |
| LY3BX | " | 827,632 | 1213 | 99 | 269 |
| LY2BNC | " | 509,760 | 915 | 78 | 242 |
| LY1CJ | " | 174,244 | 496 | 53 | 143 |
| **LY1CX** | **28** | **112,748** | **431** | **36** | **106** |
| **LY2OU** | **21** | **150,335** | **537** | **31** | **76** |
| **LY5R** | **7** | **598,671** | **1575** | **39** | **132** |
| | | | (Opr. LY3BP) | | |
| LY2EN | " | 121,618 | 617 | 30 | 89 |
| LY1DO | " | 68,265 | 320 | 29 | 82 |
| **LY3BS** | **3.5** | **164,302** | **960** | **27** | **86** |
| LY1DS | " | 155,268 | 933 | 24 | 90 |
| LY2BCO | " | 125,677 | 740 | 24 | 85 |
| LY2PAQ | " | 49,680 | 476 | 16 | 64 |
| LY2BIC | " | 14,250 | 207 | 11 | 46 |
| **LY2BR** | **1.8** | **14,280** | **257** | **7** | **44** |
| ***LY1DR** | **A** | **664,048** | **1026** | **100** | **292** |
| *LY2BRE | " | 180,405 | 466 | 56 | 155 |
| *LY2BKM | " | 129,470 | 298 | 63 | 179 |
| ***LY1DW** | **28** | **180,561** | **533** | **36** | **103** |
| ***LY1CM** | **21** | **165,960** | **622** | **30** | **90** |
| ***LY1BC** | **7** | **38,442** | **268** | **19** | **67** |
| ***LY2BIP** | **3.5** | **79,242** | **556** | **19** | **75** |

## LUXEMBOURG

| | | | | | |
|---|---|---|---|---|---|
| **LXØRL** | **7** | **534,612** | **1972** | **35** | **114** |
| | | | (Opr. OH2PQ) | | |

## MALTA

| | | | | | |
|---|---|---|---|---|---|
| **9H1EL** | **28** | **794,046** | **2249** | **39** | **120** |

## MOLDAVIA

| | | | | | |
|---|---|---|---|---|---|
| **ROØF** | **A** | **2,659,096** | **2711** | **142** | **394** |
| | | | (Opr. RB5FF) | | |
| UO5OA | " | 159,576 | 407 | 62 | 121 |
| UO5WU | 28 | 1,344 | 17 | 12 | 16 |
| **UO5OIV** | **21** | **68,335** | **339** | **24** | **69** |
| **UO5OGB** | **7** | **33,820** | **202** | **24** | **65** |
| ***UO5OED** | **A** | **305,844** | **852** | **47** | **84** |
| ***UO5OIS** | **14** | **38,678** | **260** | **25** | **58** |
| ***UO5GR** | **1.8** | **7,691** | **124** | **7** | **42** |

## NETHERLANDS

| | | | | | |
|---|---|---|---|---|---|
| **PAØADT** | **A** | **189,138** | **549** | **49** | **125** |
| PA3BTH | " | 156,992 | 360 | 61 | 162 |
| PAØCLN | " | 146,032 | 354 | 76 | 152 |
| PAØUV | " | 46,561 | 178 | 42 | 59 |
| PA3BUD | " | 7,910 | 65 | 21 | 49 |
| **PAØOOS** | **28** | **270,153** | **920** | **33** | **84** |
| PA3BNH | 14 | 900 | 25 | 7 | 13 |
| **PA3EBT** | **7** | **205,128** | **790** | **31** | **95** |
| **PA3DFT** | **3.5** | **206,232** | **1240** | **25** | **79** |
| PA3ADJ | " | 9,729 | 155 | 10 | 37 |
| PAØWDW | 1.8 | 110 | 11 | 2 | 8 |
| ***PAØLOU** | **A** | **878,240** | **985** | **117** | **323** |
| *PA3FNE | " | 250,656 | 650 | 58 | 166 |
| *SM6LQG/PA | " | 193,440 | 428 | 59 | 149 |
| *PAØSNG | " | 158,670 | 359 | 58 | 157 |
| *PAØSKF | " | 94,720 | 252 | 60 | 125 |
| *PAØGIN | " | 79,212 | 273 | 44 | 79 |
| *PAØDIN | " | 47,580 | 152 | 43 | 152 |
| *PA2CHM | " | 45,064 | 235 | 42 | 75 |
| *PAØYN | " | 24,225 | 285 | 29 | 56 |
| *PA3BEJ | " | 2,350 | 40 | 10 | 37 |
| ***PAØLVB** | **14** | **138,300** | **477** | **38** | **112** |
| *PA3FLD | " | 125,742 | 572 | 28 | 86 |
| *PA3DKX | " | 33,899 | 144 | 27 | 82 |
| *PAØPLN | " | 25,365 | 263 | 12 | 45 |
| ***PA3AAV** | **7** | **79,696** | **265** | **33** | **103** |
| *PA2REH | " | 40,673 | 250 | 22 | 67 |
| ***PAØVDV** | **1.8** | **18,411** | **314** | **9** | **48** |

## NORTHERN IRELAND

| | | | | | |
|---|---|---|---|---|---|
| ***GIØKOW** | **A** | **678,304** | **1172** | **80** | **248** |

## NORWAY

| | | | | | |
|---|---|---|---|---|---|
| **LA6MP** | **A** | **1,023,230** | **1314** | **105** | **337** |
| LA6IHA | " | 281,220 | 819 | 51 | 167 |
| LAØEW | " | 256,208 | 631 | 70 | 169 |
| LA4RJ | " | 61,019 | 250 | 50 | 111 |
| LA9GY | " | 37,146 | 178 | 41 | 82 |
| LA5AP | " | 7,198 | 96 | 15 | 46 |
| LA9HFA | 7 | 3,465 | 55 | 11 | 24 |
| **LA9HW** | **3.5** | **105,370** | **993** | **18** | **64** |
| **LA2UA** | **1.8** | **7,155** | **152** | **7** | **38** |
| ***LA2O** | **A** | **299,925** | **680** | **59** | **156** |

| | | | | | |
|---|---|---|---|---|---|
| *LA7SI | " | 137,335 | 302 | 68 | 159 |
| *LA4BQ | " | 120,330 | 281 | 64 | 146 |
| *LA9PEA | " | 42,330 | 161 | 50 | 116 |
| *LA5XQ | " | 40,576 | 174 | 35 | 93 |
| *LA8GHA | " | 38,236 | 194 | 37 | 84 |
| *LA6PB | " | 19,864 | 109 | 37 | 67 |
| *LA9WDA | " | 15,405 | 118 | 28 | 51 |
| *LA8GK | " | 7,840 | 63 | 21 | 28 |
| *LA1VL | 28 | 8,892 | 96 | 13 | 25 |
| *LA1PHA | " | 4,840 | 49 | 13 | 27 |
| ***LA1B** | **3.5** | **28,404** | **352** | **11** | **43** |
| *LA8WG | " | 23,026 | 312 | 14 | 44 |
| ***LA4LN** | **1.8** | **11,610** | **190** | **9** | **45** |

## POLAND

| | | | | | |
|---|---|---|---|---|---|
| **SP3HC** | **A** | **485,254** | **916** | **69** | **205** |
| SP9CTW | " | 435,200 | 688 | 83 | 237 |
| SP4EEZ | " | 241,800 | 281 | 122 | 203 |
| SP5FLA | " | 29,344 | 132 | 31 | 81 |
| SP7GAQ | " | 24,150 | 100 | 43 | 72 |
| SP9IQH | " | 1,363 | 17 | 12 | 17 |
| **SP5DDJ** | **28** | **202,692** | **583** | **34** | **99** |
| SP6EQZ | " | 10,878 | 78 | 22 | 27 |
| SP2BEA | " | 3,552 | 39 | 16 | 21 |
| SP7ENL | 21 | 18,483 | 123 | 24 | 37 |
| **SP2FOV** | **14** | **49,632** | **337** | **24** | **64** |
| **SP7GIQ** | **7** | **530,222** | **1542** | **36** | **118** |
| SP2FAP | " | 127,136 | 557 | 36 | 101 |
| SP8TQ | " | 123,888 | 478 | 28 | 88 |
| **SN3A** | **3.5** | **297,815** | **1364** | **29** | **98** |
| SP6AZT | " | 62,780 | 512 | 19 | 67 |
| ***SP6EIY** | **A** | **632,632** | **995** | **87** | **221** |
| ***SP9BBH** | **"** | **539,019** | **1107** | **67** | **204** |
| *SP3FLR | " | 277,856 | 502 | 85 | 219 |
| *SP6NIC | " | 269,824 | 562 | 71 | 177 |
| *SP1AEN | " | 258,420 | 561 | 64 | 172 |
| *SP9WZJ | " | 198,896 | 395 | 51 | 197 |
| *SP3FIM | " | 166,040 | 283 | 74 | 206 |
| *SP6FVF | " | 151,099 | 343 | 63 | 134 |
| *SP8IOD/P | " | 147,393 | 428 | 44 | 115 |
| *SP3KB | " | 123,327 | 285 | 72 | 121 |
| *SP3MGM | " | 73,435 | 199 | 63 | 114 |
| *SP2BKF | " | 70,040 | 203 | 42 | 128 |
| *SP2UKB | " | 49,896 | 189 | 48 | 106 |
| *SP9MDY | " | 41,002 | 191 | 33 | 50 |
| *SP3CNP | " | 39,562 | 118 | 58 | 93 |
| *SP3XR | " | 39,114 | 180 | 37 | 86 |
| *SP5JCL | " | 38,554 | 121 | 46 | 78 |
| *SP6AUI | " | 37,950 | 253 | 34 | 116 |
| *SP3FAR | " | 37,234 | 105 | 57 | 85 |
| *SP8FHJ | " | 33,252 | 162 | 38 | 64 |
| *SP5BLI | " | 28,623 | 129 | 41 | 46 |
| *SP7BCA | " | 27,724 | 217 | 13 | 45 |
| *SP3IOE | " | 22,689 | 77 | 49 | 58 |
| *SP5CEQ | " | 13,055 | 117 | 26 | 39 |
| *SP5FHF | " | 9,870 | 83 | 15 | 27 |
| *SP3KPN | " | 144 | 10 | 4 | 3 |
| ***SP2FWC** | **28** | **165,340** | **485** | **35** | **105** |
| *SP5YQ | " | 119,196 | 344 | 34 | 98 |
| *SP9BRP | " | 81,098 | 168 | 22 | 49 |
| *SP9ATE | " | 68,728 | 217 | 35 | 86 |
| *SP5MBA | " | 25,662 | 115 | 29 | 49 |
| *SP6AUI | " | 25,023 | 155 | 24 | 33 |
| *SP3AOT | " | 22,703 | 122 | 21 | 52 |
| *SP9CXH | " | 18,260 | 118 | 22 | 33 |
| *SP9ZD | " | 15,340 | 93 | 24 | 41 |
| *SP9DTH | " | 12,415 | 67 | 26 | 39 |
| *SP3DIK | " | 9,912 | 62 | 24 | 35 |
| ***SP5JTR** | **21** | **244,180** | **698** | **33** | **112** |
| *SP8LZC | " | 152,692 | 545 | 32 | 86 |
| *SP7VCO | " | 129,120 | 474 | 33 | 87 |
| *SP6YAQ | " | 109,725 | 429 | 29 | 76 |
| *SP6CYX | " | 81,247 | 313 | 33 | 80 |
| *SP9QJ | " | 52,976 | 252 | 20 | 66 |
| *SP3FPF | " | 31,713 | 138 | 27 | 66 |
| *SP8KEA | " | 20,382 | 92 | 26 | 60 |
| *SP3JUN | " | 10,234 | 90 | 15 | 28 |
| *SP4AVG | " | 6,475 | 73 | 12 | 23 |
| ***SP6PAX** | **14** | **111,150** | **140** | **15** | **39** |
| *SP8IOV | " | 36,960 | 253 | 26 | 51 |
| ***SP3LWP** | **7** | **79,170** | **474** | **23** | **82** |
| *SP3VAL | " | 25,064 | 94 | 34 | 70 |
| ***SP9NLK** | **3.5** | **25,550** | **260** | **12** | **61** |
| ***SP4DCR** | **"** | **22,860** | **334** | **10** | **50** |
| *SO2FCJ | " | 19,344 | 309 | 11 | 41 |
| ***SP5ZIM** | **1.8** | **37,027** | **559** | **9** | **52** |
| *SP6GDB | " | 16,182 | 228 | 9 | 53 |
| *SP9AAB | " | 16,002 | 232 | 8 | 55 |
| *SP5GH | " | 6,893 | 70 | 7 | 54 |
| *SP9PT | " | 2,632 | 58 | 6 | 42 |

## PORTUGAL

| | | | | | |
|---|---|---|---|---|---|
| CT1CHU | 14 | 10,176 | 80 | 17 | 36 |
| **CT1AOZ** | **1.8** | **56,214** | **445** | **17** | **64** |
| ***CR5A** | **A** | **939,774** | **1860** | **84** | **268** |
| | | | | | **(Opr. G4ODV)** |
| *CT1ZC | " | 58,164 | 199 | 49 | 72 |
| *CT4DX | 7 | 19,688 | 164 | 13 | 33 |

## ROMANIA

| | | | | | |
|---|---|---|---|---|---|
| YO7LFV | A | 74,385 | 254 | 42 | 103 |
| ***YO2DFA** | **A** | **591,360** | **1008** | **92** | **244** |
| *YO8FR | " | 287,802 | 595 | 68 | 203 |
| *YO8BNG | " | 180,268 | 373 | 76 | 111 |
| *YO6LV | " | 100,340 | 266 | 54 | 119 |
| *YO2CMI | " | 39,102 | 161 | 46 | 87 |
| *YO7ARY | " | 28,431 | 196 | 25 | 92 |
| *YO4FRF | 1.8 | 255 | 15 | 4 | 11 |

## RUSSIA

| | | | | | |
|---|---|---|---|---|---|
| RV1AB | A | 1,554 | 43 | 9 | 28 |
| **UA3UCD** | **A** | **53,680** | **256** | **63** | **244** |
| **UW3RQ** | **7** | **187,953** | **770** | **31** | **98** |
| ***UX3D** | **A** | **1,020,558** | **1299** | **127** | **335** |
| *UA3AB | " | 774,219 | 935 | 118 | 303 |
| *RA3DUT | " | 318,696 | 713 | 71 | 223 |
| *RA3PP | " | 277,876 | 733 | 56 | 198 |
| *UE3WZ | " | 93,562 | 202 | 47 | 116 |
| *RW3QA | " | 87,746 | 342 | 42 | 104 |
| *UA3SDN | " | 55,909 | 217 | 48 | 115 |
| ***UV3ALO** | **21** | **30,940** | **182** | **26** | **59** |
| *UA3VRP | 14 | 8,556 | 187 | 13 | 33 |
| ***UV3WU** | **3.5** | **91,605** | **778** | **21** | **72** |
| **UA4LJ** | **A** | **678,632** | **1111** | **92** | **236** |
| **4K4BAT** | **14** | **25,704** | **252** | **23** | **45** |
| **UA4NGC** | **3.5** | **35,350** | **423** | **12** | **58** |
| ***UA4YG** | **A** | **167,418** | **517** | **54** | **159** |
| *UA4QK | " | 120,604 | 324 | 54 | 118 |
| *RA4HW | 14 | 14,550 | 121 | 25 | 50 |
| **UA6HRZ** | **21** | **268,051** | **828** | **37** | **112** |
| UA6LCN | " | 64,196 | 424 | 29 | 68 |
| **UA6LTI** | **7** | **367,140** | **1159** | **36** | **109** |
| **UA6BAD** | **3.5** | **59,670** | **504** | **17** | **68** |

## SARDINIA

| | | | | | |
|---|---|---|---|---|---|
| ***ISØOMH** | **A** | **352,440** | **980** | **51** | **169** |
| *ISØUWX | 14 | 7,155 | 95 | 15 | 38 |
| ***ISØMKU** | **7** | **27,665** | **318** | **9** | **46** |

## SCOTLAND

| | | | | | |
|---|---|---|---|---|---|
| **GM4SID** | **A** | **103,896** | **340** | **48** | **100** |
| ***GMØ /NX1T** | **A** | **466,817** | **1212** | **58** | **183** |
| ***GM3CFS** | **28** | **79,478** | **351** | **24** | **74** |

## SICILY

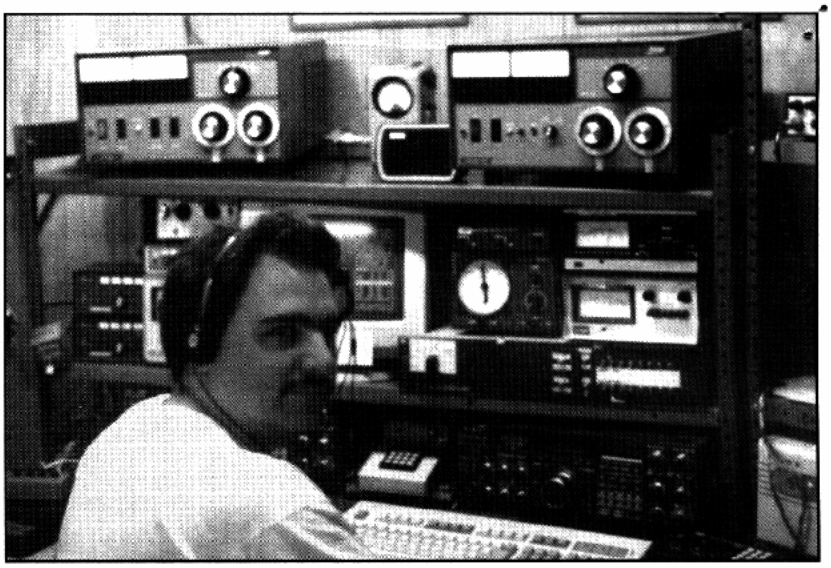
| | | | | | |
|---|---|---|---|---|---|
| **IT9TQH** | **7** | **583,184** | **1775** | **37** | **127** |
| ***IO9AF** | **7** | **97,524** | **539** | **27** | **81** |

## SLOVENIA

| | | | | | |
|---|---|---|---|---|---|
| **S52AA** | **A** | **5,195,440** | **3208** | **158** | **485** |
| S51FA | " | 1,202,000 | 1387 | 102 | 298 |
| **S59AA** | **28** | **608,796** | **1485** | **40** | **122** |
| S51QZ | " | 443,750 | 1418 | 35 | 90 |
| S51SO | " | 185,598 | 560 | 38 | 88 |
| **S57EK** | **21** | **445,632** | **1359** | **36** | **96** |
| S59EKL | " | 258,170 | 1006 | 30 | 80 |
| **S57DX** | **14** | **620,412** | **1798** | **36** | **120** |
| S59WA | " | 517,497 | 1623 | 35 | 104 |
| **S59UN** | **7** | **971,049** | **2484** | **38** | **135** |
| **S59KAB** | **3.5** | **289,050** | **1212** | **29** | **94** |
| | | | | | **(Opr. S51IX)** |
| S53EA | " | 203,528 | 1118 | 25 | 79 |
| S510J | " | 172,088 | 1004 | 22 | 76 |
| S51NA | " | 149,836 | 1005 | 20 | 74 |
| ***S51MF** | **A** | **193,732** | **330** | **89** | **170** |
| *S51WA | " | 179,580 | 355 | 67 | 152 |
| *S52FB | " | 73,346 | 218 | 68 | 114 |
| ***S57AL** | **28** | **233,632** | **795** | **29** | **83** |
| *S57JZ | " | 177,004 | 503 | 36 | 101 |
| *S52CW | " | 60,507 | 295 | 22 | 59 |
| *S53DO | " | 55,335 | 273 | 30 | 63 |
| ***S57DZD** | **21** | **347,060** | **1066** | **34** | **100** |
| *S51NM | " | 7,518 | 71 | 16 | 26 |
| ***S59ZZ** | **3.5** | **75,594** | **647** | **16** | **70** |
| *S58BKL | " | 2,580 | 80 | 7 | 23 |
| ***S51RW** | **1.8** | **14,586** | **279** | **7** | **44** |
| *S51SA | " | 5,017 | 173 | 5 | 24 |

## SPAIN

| | | | | | |
|---|---|---|---|---|---|
| **EA1JO** | **A** | **884,260** | **1117** | **97** | **261** |
| EA1FD | " | 107,146 | 293 | 50 | 119 |
| EA2CR | " | 56,125 | 235 | 40 | 85 |
| EA7HAB | " | 27,440 | 108 | 39 | 59 |
| **EA2IA** | **28** | **426,092** | **1182** | **37** | **112** |
| EA7CDT | " | 7,600 | 79 | 17 | 33 |
| **EA7KW** | **7** | **452,867** | **1479** | **31** | **100** |
| **EA7BJ** | **3.5** | **150,768** | **807** | **25** | **83** |
| EA7XC | " | 14,196 | 195 | 11 | 41 |
| ***EA5WU** | **A** | **1,844,525** | **1944** | **110** | **335** |
| ***EA3BOW** | **"** | **374,595** | **643** | **81** | **174** |
| *EA5GDT | " | 295,872 | 621 | 58 | 143 |
| *EC3DEA | " | 229,520 | 709 | 50 | 140 |
| *EA1FDO | " | 179,361 | 563 | 55 | 134 |
| *EA7JA | " | 160,304 | 397 | 77 | 156 |
| *EA3GCV | " | 155,844 | 340 | 66 | 156 |
| *EA7FZ | " | 110,838 | 326 | 55 | 119 |
| *EC3DDL | " | 107,865 | 484 | 34 | 101 |
| *EA3DBO | " | 83,430 | 193 | 70 | 92 |
| *EA2CKP | " | 79,265 | 192 | 64 | 127 |
| *EA7CA | " | 78,432 | 222 | 55 | 117 |
| *EA1EVZ | " | 74,930 | 242 | 42 | 85 |
| *EC5CXN | " | 63,440 | 270 | 34 | 96 |
| *EC4CPA | " | 25,612 | 166 | 22 | 54 |
| *EC3CZS | " | 20,303 | 119 | 26 | 53 |
| *EA5EYJ | " | 16,951 | 107 | 27 | 40 |
| *EA3DIH | " | 15,036 | 89 | 34 | 50 |
| *EA7BY | " | 14,430 | 109 | 29 | 45 |
| *EA1AW | " | 13,050 | 101 | 21 | 37 |
| *EA7CWV | " | 12,191 | 97 | 24 | 49 |
| *EA7HCB | " | 12,008 | 143 | 15 | 23 |
| *EA3BHK | " | 10,512 | 57 | 31 | 42 |
| *EA7CWA | " | 6,405 | 50 | 28 | 33 |



*Bob, KQ2M, shows us his operating position at KM1H. Bob finished third Stateside in the All Band category.*

| | | | | | |
|---|---|---|---|---|---|
| *EA5WX | " | 3,404 | 36 | 21 | 25 |
| *EA5GJI | " | 3,306 | 31 | 18 | 21 |
| *EA4DUL | " | 2,000 | 30 | 12 | 13 |
| *EA3GF | " | 1,140 | 23 | 10 | 10 |
| ***EA4EP** | **28** | **59,878** | **269** | **26** | **72** |
| *EA7CP | " | 6,225 | 73 | 14 | 31 |
| *EA3GIJ | 21 | 7,448 | 113 | 9 | 29 |
| ***EA2IF** | **14** | **85,387** | **466** | **25** | **77** |

## SVALDBARD

| | | | | | |
|---|---|---|---|---|---|
| **JW9XG** | **A** | **1,647,992** | **1915** | **114** | **227** |

## SWEDEN

| | | | | | |
|---|---|---|---|---|---|
| **SM3PZG** | **A** | **1,542,425** | **1562** | **137** | **378** |
| SM6DHU | " | 1,306,692 | 1391 | 112 | 332 |
| SM5CLE | " | 754,810 | 902 | 108 | 302 |
| SM5AOE | " | 614,768 | 850 | 89 | 215 |
| SM6NJK | " | 463,610 | 638 | 88 | 282 |
| SM5RE | " | 105,648 | 390 | 45 | 97 |
| SK5SE | " | 7,560 | 66 | 22 | 50 |
| **SM6BJI** | **28** | **298,768** | **845** | **36** | **106** |
| **SMØKV** | **21** | **258,248** | **754** | **37** | **115** |
| SM5AD | " | 127,185 | 355 | 34 | 105 |
| SM6BSK | " | 121,320 | 408 | 30 | 90 |
| SM5GLC | " | 88,008 | 299 | 31 | 83 |
| **SM2EKM** | **14** | **431,120** | **1350** | **35** | **101** |
| SMØTW | " | 374,535 | 1105 | 36 | 109 |
| SM2JEB | " | 130,741 | 627 | 28 | 61 |
| SM6JY | " | 9,295 | 114 | 15 | 40 |
| SM2BUW | " | 2,628 | 29 | 15 | 21 |
| **SM7PKK** | **7** | **110,103** | **638** | **24** | **83** |
| SM6EAN | " | 84,072 | 500 | 23 | 70 |
| SM6LPF | " | 25,641 | 167 | 21 | 56 |
| **SM6MCW** | **3.5** | **271,570** | **1151** | **30** | **100** |
| SM6DYK | " | 185,259 | 1048 | 26 | 85 |
| SM6REA | " | 6,360 | 125 | 8 | 32 |
| **SM6CMR** | **1.8** | **13,324** | **205** | **9** | **48** |
| ***SM3CVM** | **A** | **551,625** | **834** | **98** | **277** |
| *SM6TIA | " | 131,580 | 350 | 53 | 162 |
| *SM6ASB | " | 130,950 | 675 | 52 | 142 |
| *SM6HVR | " | 115,584 | 403 | 43 | 129 |
| *SM7BHM | " | 35,256 | 181 | 31 | 73 |
| *SM7HCJ | " | 9,116 | 52 | 39 | 47 |
| *SMØBDS | " | 4,505 | 63 | 14 | 39 |
| *SM6TOL | " | 1,848 | 21 | 16 | 17 |
| *SM5DUT | 28 | 24,806 | 136 | 25 | 54 |
| *SM7LAZ | 21 | 4,320 | 72 | 11 | 13 |
| *SMØCGO | " | 2,392 | 40 | 9 | 17 |
| ***SM2JVH** | **14** | **64,220** | **325** | **28** | **67** |
| *SM2CDF | " | 37,960 | 313 | 17 | 48 |
| *SM7TV | " | 22,950 | 189 | 19 | 56 |
| *SM4SEF | " | 6,716 | 70 | 14 | 32 |
| ***SM6OLL** | **1.8** | **18,368** | **238** | **11** | **53** |
| *SM5DXV | " | 1,820 | 52 | 5 | 23 |

## SWITZERLAND

| | | | | | |
|---|---|---|---|---|---|
| **HB9AGA** | **A** | **657,408** | **1014** | **88** | **233** |
| HB9FAP | " | 311,682 | 777 | 50 | 131 |
| HB9BOW | " | 43,872 | 201 | 35 | 61 |
| **HB9KC** | **28** | **30,480** | **180** | **21** | **39** |
| HB9DDZ | 3.5 | 2,923 | 35 | 11 | 26 |
| ***HB9ZE** | **A** | **333,831** | **701** | **60** | **163** |
| HB9QA | " | 30,380 | 136 | 36 | 62 |
| ***HB9HLE** | **21** | **54,136** | **259** | **26** | **75** |
| ***HB9APJ** | **7** | **38,554** | **353** | **17** | **57** |

## UKRAINE

| | | | | | |
|---|---|---|---|---|---|
| **UB7W** | **A** | **2,709,504** | **2283** | **136** | **430** |
| **RB5QF** | **"** | **2,652,195** | **2310** | **146** | **463** |
| UT4UZ | " | 2,478,464 | 2449 | 138 | 406 |
| UT4UX | " | 2,199,012 | 2015 | 136 | 398 |
| RY8B | " | 1,770,002 | 2013 | 121 | 373 |
| RB5EX | " | 728,842 | 1069 | 107 | 266 |
| UB4IX | " | 386,688 | 710 | 82 | 236 |
| RB5HY | " | 300,195 | 515 | 75 | 240 |
| UB5MLP | " | 123,984 | 225 | 86 | 201 |
| UB5XAN | " | 42,808 | 127 | 40 | 116 |
| **RB5QW** | **28** | **319,680** | **1055** | **34** | **110** |
| RB4EK | " | 57,942 | 288 | 25 | 61 |
| **UB4HO** | **21** | **287,568** | **1003** | **40** | **104** |
| RB5LJ | " | 217,650 | 678 | 36 | 114 |
| UT5UPM | " | 11,305 | 152 | 9 | 26 |
| UB5PDM | " | 2604 | 74 | 6 | 15 |
| **UB5NQ** | **14** | **318,790** | **1105** | **37** | **105** |
| UB5LF | " | 246,960 | 842 | 37 | 103 |
| UB5VK | " | 30,640 | 197 | 21 | 59 |
| **RB5NS** | **7** | **320,410** | **583** | **35** | **100** |
| RB5VM | " | 171,912 | 765 | 29 | 75 |
| UT5UIA | " | 167,050 | 607 | 32 | 98 |
| RB5PD | " | 87,241 | 409 | 27 | 76 |
| UB5NBW | " | 77,862 | 342 | 29 | 85 |
| UY5WA | " | 21,515 | 181 | 19 | 46 |
| RT5UB | " | 11,764 | 75 | 20 | 48 |
| UB5ECO | " | 11,684 | 126 | 14 | 32 |
| RB5VT | " | 10,638 | 111 | 14 | 40 |
| **UB7VA** | **3.5** | **120,201** | **802** | **23** | **80** |
| UB5YAR | " | 100,389 | 619 | 27 | 82 |
| UB4QYA | " | 70,300 | 622 | 16 | 60 |
| UB5CDX | " | 70,110 | 515 | 21 | 69 |
| UB4LCB | " | 30,030 | 366 | 10 | 56 |
| UB4ZKG | " | 26,040 | 283 | 11 | 60 |
| RB5PE | " | 25,806 | 338 | 12 | 54 |
| **RB5ELM** | **1.8** | **7,920** | **140** | **8** | **40** |
| ***UB5QMA** | **A** | **1,870,088** | **1686** | **141** | **397** |
| *UR5NRJ | " | 469,265 | 492 | 102 | 191 |
| *UY5TE | " | 447,876 | 839 | 73 | 224 |
| *UB5IG | " | 436,908 | 880 | 70 | 206 |
| *UB5EF | " | 369,873 | 663 | 79 | 230 |
| *UB3MP | " | 261,840 | 701 | 57 | 183 |
| *UT4JWI | " | 149,720 | 357 | 62 | 135 |
| *UB5BCJ | " | 133,988 | 314 | 61 | 111 |
| *UB5SBW | " | 96,600 | 230 | 48 | 182 |
| *UT5HP | " | 66,466 | 334 | 69 | 130 |
| *UB5ISW | " | 26,832 | 120 | 35 | 69 |
| *UB5EIT | " | 7,777 | 67 | 26 | 51 |
| ***UB5NU** | **28** | **80,504** | **266** | **33** | **83** |
| ***U5WF** | **21** | **315,980** | **936** | **34** | **106** |
| *RB5ESK | " | 64,600 | 398 | 21 | 64 |
| *UB4JLC | " | 63,315 | 278 | 22 | 83 |
| ***UB5RAF** | **14** | **96,092** | **461** | **30** | **86** |
| *UB5JNW | " | 4,968 | 40 | 21 | 33 |
| *RB5ERX | " | 1,740 | 59 | 8 | 21 |
| ***RB5QCV** | **7** | **123,970** | **643** | **25** | **85** |
| *UT5BP | " | 62,216 | 401 | 22 | 79 |
| *UB5NFR | " | 12,150 | 100 | 16 | 29 |
| ***UB5PCU** | **3.5** | **65,190** | **620** | **17** | **65** |
| *UB5EEP | " | 6,216 | 121 | 7 | 35 |
| ***RB4INR** | **1.8** | **12,582** | **216** | **8** | **46** |

## WALES

| | | | | | |
|---|---|---|---|---|---|
| ***GW3JI** | **A** | **483,095** | **950** | **67** | **198** |

## YUGOSLAVIA

| | | | | | |
|---|---|---|---|---|---|
| **YU7AV** | **A** | **3,709,604** | **2764** | **143** | **435** |
| YT1AD | " | 3,218,072 | 2534 | 138 | 434 |
| YU7BW | " | 3,208,920 | 2571 | 146 | 426 |
| YU7KM | " | 157,806 | 450 | 63 | 135 |
| YU1PJ | " | 26,625 | 100 | 45 | 80 |
| **YT7WW** | **21** | **322,915** | **965** | **36** | **109** |
| **4N5M** | **14** | **639,220** | **1934** | **37** | **118** |
| YT1BB | " | 483,360 | 1568 | 38 | 114 |
| **4N1Z** | **7** | **802,536** | **2238** | **39** | **129** |
| | | | | | **(Opr. YU4NW)** |
| **YU1DHI** | **3.5** | **27,018** | **424** | **14** | **43** |
| ***YU1LJ** | **A** | **226,008** | **487** | **59** | **160** |
| *YU7ZV | " | 175,344 | 424 | 62 | 146 |
| *YT7ZV | " | 72,200 | 212 | 35 | 70 |
| ***YU7SF** | **28** | **77,456** | **316** | **27** | **67** |
| ***YT7P** | **21** | **59,130** | **386** | **20** | **53** |
| ***4N5W** | **3.5** | **63,378** | **121** | **10** | **53** |
| ***4N7MOD** | **"** | **62,868** | **638** | **13** | **65** |

# OCEANIA

## AUSTRALIA

| | | | | | |
|---|---|---|---|---|---|
| **VK8AV** | **A** | **1,730,814** | **1625** | **116** | **250** |
| **VK4TT** | **14** | **100,560** | **421** | **25** | **55** |
| ***VK3DXI** | **A** | **1,867,762** | **1706** | **120** | **254** |
| ***VK2BQQ** | **"** | **355,384** | **500** | **90** | **158** |
| *VK2VM | " | 218,094 | 463 | 61 | 101 |
| *VK3VT | " | 70,680 | 213 | 40 | 74 |
| ***VK8SD** | **"** | **44,070** | **216** | **36** | **42** |
| *VK2NV | " | 28,122 | 120 | 38 | 48 |
| *VK2SU | " | 3,645 | 45 | 13 | 14 |
| ***VK4XA** | **28** | **251,120** | **1014** | **26** | **60** |
| *VK8BE | " | 7,548 | 74 | 15 | 19 |
| ***VK6BB** | **21** | **49,714** | **263** | **24** | **43** |
| ***VK6LW** | **7** | **533,696** | **1453** | **31** | **93** |
| *VK3APN | " | 88,176 | 334 | 26 | 62 |

## BRUNEI

| | | | | | |
|---|---|---|---|---|---|
| V85PB | A | 30,179 | 103 | 48 | 55 |

## EASTERN KIRIBATI

| | | | | | |
|---|---|---|---|---|---|
| **T32BE** | **A** | **730,418** | **1456** | **71** | **98** |
| ***T32AF** | **1.8** | **49,210** | **474** | **13** | **22** |
| | | | | | **(Opr. KH6UR)** |

## EASTERN MALAYSIA

| | | | | | |
|---|---|---|---|---|---|
| **9M6NA** | **A** | **5,814,765** | **3960** | **147** | **348** |
| | | | | | **(Opr. JE1JKL)** |

## GUAM

| | | | | | |
|---|---|---|---|---|---|
| **KG6DX** | **14** | **694,944** | **1641** | **38** | **106** |

## HAWAII

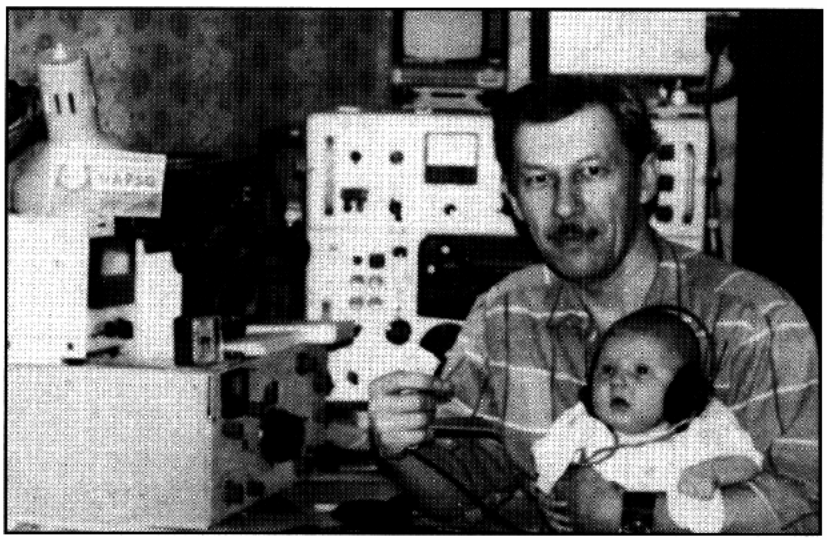
| | | | | | |
|---|---|---|---|---|---|
| **NH6T** | **A** | **5,761,254** | **4287** | **157** | **296** |
| | | | | | **(Opr. WØZZ)** |
| AH6JF | " | 857,315 | 1467 | 93 | 108 |
| **N6VI/KH6** | **21** | **695,760** | **1810** | **37** | **93** |
| **KH6CC** | **1.8** | **41,217** | **419** | **13** | **20** |
| ***KH6XT** | **21** | **298,860** | **989** | **35** | **67** |
| *KH6HNT | " | 212,520 | 935 | 30 | 47 |
| *NH6DV | 14 | 4,408 | 56 | 14 | 15 |

## INDONESIA

| | | | | | |
|---|---|---|---|---|---|
| **YE2C** | **A** | **1,539,200** | **1634** | **106** | **214** |
| | | | | | **(Opr. YB2HAP)** |
| YB6AVE | " | 629,844 | 744 | 98 | 194 |
| | | | | | (Opr. DL8WPX) |
| ***YB3OSE** | **A** | **194,376** | **417** | **60** | **96** |
| *YB7KD | " | 14,582 | 111 | 23 | 23 |



Say You Saw It In CQ



*Rafael, UA9SG, shows us the secret to his success in the QRP category-his second op.*

| | | | | | |
|---|---|---|---|---|---|
| ***YB6TI** | **21** | **183,708** | **763** | **29** | **52** |
| *YC3FTB | " | 85,506 | 393 | 24 | 50 |

### MARSHALL ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **V73C** | **7** | **274,804** | **1010** | **28** | **64** |

### NEW ZEALAND

| | | | | | |
|---|---|---|---|---|---|
| ZL3SL | A | 3,232 | 47 | 22 | 34 |

### OGASAWARA ISLAND

| | | | | | |
|---|---|---|---|---|---|
| *JJ2NYI /JD1 | 3.5 | 408 | 34 | 2 | 2 |

### PAPUA-NEW GUINEA

| | | | | | |
|---|---|---|---|---|---|
| **P29DK** | **A** | **398,738** | **712** | **79** | **114** |
| *P29JA | A | 1,300 | 19 | 12 | 13 |

### PHILIPPINES

| | | | | | |
|---|---|---|---|---|---|
| ***DU3HF** | **A** | **349,650** | **647** | **71** | **114** |

### SOUTHERN COOK ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| ***ZK1TB** | **A** | **477,615** | **671** | **100** | **155** |

**(Opr. W7TB)**

### SOLOMON ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **H44IO** | **A** | **3,115,575** | **3477** | **112** | **193** |

**(Opr. DL7UCX)**

## SOUTH AMERICA

### ARGENTINA

| | | | | | |
|---|---|---|---|---|---|
| LW2EUE | A | 17,100 | 93 | 26 | 50 |
| LU7EAR | 21 | 16,380 | 121 | 26 | 44 |
| *LU3EAQ | 14 | 11,254 | 93 | 18 | 25 |
| *LU6BEQ | 7 | 13,986 | 124 | 15 | 27 |
| *LU1DQW | 1.8 | 54 | 7 | 3 | 6 |

### ARUBA

| | | | | | |
|---|---|---|---|---|---|
| **P40W** | **A** | **9,554,775** | **5605** | **151** | **422** |

**(Opr. W2GD)**

| | | | | | |
|---|---|---|---|---|---|
| P40I | A | 7,214,236 | 4304 | 155 | 411 |
| P40J | A | 6,314,769 | 4819 | 138 | 309 |

(Opr. WX4G)

| | | | | | |
|---|---|---|---|---|---|
| **P40X** | **28** | **1,174,032** | **2746** | **33** | **111** |

**(Opr. N6BT)**

### BRAZIL

| | | | | | |
|---|---|---|---|---|---|
| PR1M | A | 106,774 | 281 | 55 | 83 |

(Opr PY1AJK)

| | | | | | |
|---|---|---|---|---|---|
| PY3CJI | " | 14,464 | 91 | 24 | 43 |
| **PY1CE** | **21** | **101,619** | **549** | **20** | **43** |
| PU2KEF | " | 43,360 | 189 | 23 | 57 |
| **ZV5A** | **14** | **794,260** | **1781** | **37** | **114** |

**(Opr. PY5CW)**

| | | | | | |
|---|---|---|---|---|---|
| ***PW2N** | **A** | **1,094,373** | **1445** | **83** | **178** |

**(Opr. PY2NY)**

| | | | | | |
|---|---|---|---|---|---|
| *PY5BLG | " | 258,296 | 537 | 60 | 106 |
| *PY2NZR | " | 79,170 | 214 | 43 | 87 |
| *PY2YN | " | 60,480 | 199 | 44 | 64 |
| *PY2FWA | " | 57,138 | 158 | 30 | 59 |
| *PX2A | " | 46,561 | 174 | 41 | 60 |
| *ZX4VG | " | 44,870 | 230 | 35 | 35 |
| *PY4WS | " | 17,430 | 78 | 38 | 45 |
| *PY2ERA | " | 13,629 | 70 | 35 | 42 |
| *PY2NX | " | 8,211 | 63 | 25 | 26 |
| *PU2VJJ | " | 2,277 | 30 | 17 | 16 |
| ***PY2NQ** | **28** | **226,197** | **629** | **33** | **90** |
| *PY2OU | " | 179,935 | 532 | 25 | 72 |
| *PY1LJA | " | 20,416 | 114 | 23 | 41 |
| *PY2SBY | " | 19,992 | 144 | 18 | 31 |
| ***PY2YP** | **21** | **127,260** | **435** | **29** | **72** |
| *PY2HF | " | 23,058 | 134 | 21 | 40 |
| *PU2NGL | " | 9,102 | 88 | 15 | 22 |
| *PY2CPJ | " | 8,288 | 79 | 18 | 25 |
| *PY2APQ | 14 | 8,443 | 76 | 17 | 22 |
| *PY1BVY | 1.8 | 375 | 14 | 8 | 7 |

### CHILE

| | | | | | |
|---|---|---|---|---|---|
| CE3BFZ | A | 19,384 | 142 | 22 | 25 |
| **XR3A** | **28** | **982,500** | **2551** | **32** | **99** |

**(Opr. CE3DNP)**

### COLOMBIA

| | | | | | |
|---|---|---|---|---|---|
| *HK6LVO | 21 | 6,120 | 45 | 18 | 32 |

### CURACAO

| | | | | | |
|---|---|---|---|---|---|
| **PJ9M** | **28** | **350,097** | **1164** | **29** | **74** |

**(Opr. OH6RM)**

| | | | | | |
|---|---|---|---|---|---|
| **PJ9U** | **7** | **1,171,864** | **2655** | **30** | **118** |
| **PJ9V** | **1.8** | **53,251** | **419** | **14** | **33** |

### FERNANDO DE NORONHA

| | | | | | |
|---|---|---|---|---|---|
| **PT0F** | **A** | **4,971,754** | **3630** | **129** | **337** |

**(Opr. AH3C)**

### FRENCH GUIANA

| | | | | | |
|---|---|---|---|---|---|
| **FY5YE** | **14** | **1,331,307** | **2818** | **37** | **122** |

**(Opr. OH7XM)**

| | | | | | |
|---|---|---|---|---|---|
| ***FY5FP** | **A** | **421,372** | **962** | **46** | **103** |

**(Opr. ON4ZD)**

### GALAPAGOS ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **HC8N** | **A** | **10,773,628** | **6028** | **159** | **412** |

**(Opr. WN4KKN)**

### GUYANA

| | | | | | |
|---|---|---|---|---|---|
| **8R1K** | **A** | **6,652,614** | **4122** | **148** | **399** |

**(Opr. OH0XX)**

### PERU

| | | | | | |
|---|---|---|---|---|---|
| **OA4CWR** | **A** | **2,318,316** | **2546** | **100** | **208** |
| ***OA4ZV** | **A** | **1,954,555** | **2032** | **111** | **220** |

### TRINIDAD AND TOBAGO

| | | | | | |
|---|---|---|---|---|---|
| **9Y4H** | **A** | **7,960,980** | **4886** | **149** | **405** |

**(Opr. K6NA)**

| | | | | | |
|---|---|---|---|---|---|
| **9Y4VU** | **21** | **1,084,180** | **2434** | **35** | **116** |

### URUGUAY

| | | | | | |
|---|---|---|---|---|---|
| **CX5BW** | **28** | **988,410** | **2358** | **33** | **108** |
| **CX8CW** | **21** | **1,818,656** | **3244** | **39** | **145** |

**(Opr. CX8BBH)**

| | | | | | |
|---|---|---|---|---|---|
| ***CX4SS** | **28** | **261,000** | **1011** | **26** | **61** |
| ***CX9AU** | **7** | **95,341** | **488** | **22** | **45** |

### VENEZUELA

| | | | | | |
|---|---|---|---|---|---|
| **4M2BYT** | **A** | **7,081,234** | **4742** | **140** | **363** |
| **YX5A** | **7** | **515,816** | **1326** | **28** | **94** |

**(Opr. YV5ANT)**

| | | | | | |
|---|---|---|---|---|---|
| ***4M7A** | **21** | **45,920** | **281** | **19** | **37** |
| ***4M5X** | **14** | **1,145,087** | **2227** | **39** | **135** |

**(Opr. WM2C)**

## MARITIME MOBILE

| | | | | | |
|---|---|---|---|---|---|
| **UA0ZDA /MM** | **A** | **579,744** | **1219** | **88** | **110** |
| **EA1FBJ /MM** | **A** | **35,471** | **159** | **30** | **49** |
| *W7SW/MM | " | 26,460 | 210 | 23 | 19 |

## QRP

| | | | | | |
|---|---|---|---|---|---|
| **AA2U** | **A** | **1,188,000** | **938** | **118** | **332** |
| **DL3KVR** | **"** | **473,518** | **705** | **77** | **246** |
| **N7IR** | **"** | **414,288** | **549** | **101** | **173** |
| **SM3CCT** | **"** | **371,460** | **701** | **71** | **231** |
| **LY3BA** | **"** | **348,475** | **704** | **67** | **198** |
| **N1AFC** | **"** | **290,598** | **523** | **61** | **170** |
| **UA4YJ** | **"** | **279,651** | **516** | **72** | **219** |
| **JA1GTF** | **"** | **258,770** | **402** | **93** | **136** |
| **WB6JMS** | **"** | **248,196** | **371** | **103** | **155** |
| **EA3IW** | **"** | **224,343** | **555** | **53** | **136** |
| **JA9YAV** | **"** | **216,909** | **359** | **87** | **144** |
| **KQ1V** | **"** | **185,724** | **266** | **83** | **185** |
| JA1AA | " | 174,085 | 342 | 70 | 115 |
| **LX2PA** | **"** | **170,766** | **523** | **50** | **129** |
| **WM4Z/5** | **"** | **169,747** | **317** | **75** | **124** |
| **KP4DDB** | **"** | **158,102** | **410** | **50** | **111** |
| **UB4IM** | **"** | **139,101** | **322** | **73** | **160** |
| DL2RUG | " | 130,299 | 422 | 45 | 124 |
| **KI0G** | **"** | **103,540** | **235** | **77** | **90** |
| **GM4HQF** | **"** | **97,664** | **364** | **37** | **72** |
| NF1J | " | 86,292 | 200 | 46 | 107 |
| **YO4RDN** | **"** | **81,260** | **320** | **40** | **130** |
| **UA9SG** | **"** | **80,668** | **285** | **38** | **96** |
| EA7AAW | " | 79,478 | 343 | 33 | 65 |
| WE2CPU | " | 77,367 | 222 | 32 | 91 |
| W4IF | " | 68,408 | 172 | 41 | 95 |
| EA1GT | " | 66,759 | 343 | 35 | 84 |
| **VE6GKD** | **"** | **58,918** | **306** | **39** | **50** |
| SM5CQ | " | 53,865 | 210 | 41 | 92 |
| VE4GH | " | 43,616 | 150 | 48 | 68 |
| WA0RPI | " | 37,740 | 132 | 34 | 68 |
| JI2MWH | " | 36,410 | 127 | 53 | 57 |
| Y25MN | " | 36,288 | 187 | 36 | 101 |
| PA0PUR | " | 35,672 | 158 | 37 | 54 |
| DL6ZLG | " | 31,122 | 139 | 36 | 42 |
| LY3BY | " | 30,174 | 212 | 29 | 78 |
| SM7CZC | " | 29,795 | 131 | 32 | 69 |
| ZZ4W | " | 25,234 | 119 | 26 | 48 |
| SM6SLC | " | 24,638 | 169 | 27 | 70 |
| DJ5QK | " | 19,205 | 167 | 31 | 84 |
| VE3RHJ | " | 15,525 | 106 | 33 | 36 |
| LY2BB | " | 14,328 | 96 | 24 | 48 |
| UA1OZ | " | 13,964 | 87 | 28 | 48 |
| VE7ABO | " | 11,240 | 81 | 24 | 35 |
| UW0SR | " | 6,450 | 52 | 9 | 34 |
| I3DGF | " | 5,341 | 61 | 19 | 30 |
| K0GT | " | 5,200 | 37 | 23 | 29 |
| JA4XHF/3 | " | 3,038 | 39 | 15 | 23 |
| WA1WPR | " | 3,034 | 33 | 14 | 23 |
| WD9IWP | " | 3,034 | 27 | 16 | 25 |
| EA5FX | " | 2,160 | 21 | 19 | 21 |
| IK5RUN | " | 1,333 | 20 | 15 | 16 |
| AL7OI | " | 504 | 15 | 9 | 9 |
| **4F3AAL** | **28** | **136,234** | **621** | **24** | **50** |
| **N5NMX** | **"** | **75,824** | **253** | **31** | **81** |
| **KA1CZF** | **"** | **71,116** | **270** | **21** | **71** |
| **4X1IF** | **"** | **65,340** | **450** | **13** | **41** |
| **JO1CRA** | **"** | **58,562** | **239** | **30** | **59** |
| **LU1FNH** | **"** | **30,342** | **264** | **13** | **26** |
| **YO8CMB/P** | **"** | **25,088** | **149** | **23** | **44** |
| OK1DKR | " | 13,140 | 107 | 18 | 27 |
| IK8HCM | " | 7,632 | 108 | 14 | 22 |
| OK1DZD | " | 1,188 | 44 | 4 | 5 |
| KA1UEH | " | 276 | 8 | 4 | 6 |
| **UL7CN** | **21** | **138,504** | **464** | **32** | **84** |
| **W0VX/5** | **"** | **121,590** | **341** | **32** | **94** |
| **N0AX** | **"** | **93,312** | **311** | **31** | **77** |
| WA0RJY | " | 85,648 | 302 | 32 | 69 |
| **G3DYY** | **"** | **71,020** | **256** | **27** | **79** |
| **OK3CPY** | **"** | **67,914** | **303** | **27** | **71** |
| **K3TW** | **"** | **62,118** | **227** | **26** | **76** |
| **I4KRF** | **"** | **45,560** | **293** | **23** | **44** |
| UB5LBX | " | 43,168 | 265 | 23 | 53 |
| ES1CR | " | 38,776 | 260 | 21 | 53 |
| UA9YC | " | 35,340 | 232 | 23 | 39 |
| JH2WIC | " | 30,530 | 169 | 23 | 48 |
| KY5N | " | 15,744 | 93 | 22 | 44 |
| ON7CC | " | 7,525 | 80 | 13 | 22 |
| JR4HCV/1 | " | 5,984 | 62 | 14 | 20 |
| OK2PXJ | " | 1,539 | 57 | 5 | 4 |
| SP5NOG | " | 1,020 | 27 | 7 | 13 |
| **UB4FXX** | **14** | **144,720** | **601** | **36** | **99** |
| **HA8LKE** | **"** | **112,840** | **447** | **37** | **103** |
| **W8IQ** | **"** | **46,558** | **168** | **29** | **69** |
| **DL1EFW** | **"** | **37,440** | **271** | **18** | **60** |
| 9A2EY | " | 20,790 | 218 | 13 | 53 |
| OK3TPL | " | 16,726 | 141 | 19 | 49 |
| G3LHJ | " | 12,314 | 132 | 11 | 36 |
| N2CQ | " | 7,781 | 57 | 7 | 29 |
| DL4OBJ | " | 6,520 | 99 | 11 | 29 |
| W6DN | " | 5,125 | 46 | 17 | 24 |
| SP2UUU | " | 1,260 | 37 | 7 | 21 |
| N5XJ/6 | " | 16 | 2 | 2 | 2 |
| **SM0DZH** | **7** | **26,427** | **216** | **14** | **55** |
| DL1DQY | " | 18,020 | 169 | 15 | 53 |
| YO5BQ | " | 11,368 | 176 | 10 | 46 |
| W8CZA/6 | " | 5,216 | 63 | 13 | 19 |
| PA0TA | " | 1,944 | 41 | 6 | 30 |
| EA1FTH | " | 1,932 | 43 | 7 | 16 |
| DL0VLT | " | 792 | 16 | 9 | 13 |
| **SP4GFG** | **3.5** | **33,150** | **416** | **13** | **52** |
| **OK3THV** | **"** | **11,711** | **226** | **8** | **41** |
| JA6GCE | " | 100 | 6 | 5 | 5 |
| **UC2WAF** | **1.8** | **27,280** | **369** | **10** | **52** |
| UC2WM | " | 13,780 | 239 | 7 | 45 |
| **RA9CTK** | **"** | **7,776** | **83** | **8** | **24** |
| **OK1CZ** | **"** | **5,192** | **116** | **5** | **39** |
| **UA3XDF** | **"** | **2,937** | **70** | **6** | **27** |
| OK2PAW | " | 2,346 | 71 | 4 | 29 |
| I0KHP | " | 640 | 28 | 4 | 16 |

## SINGLE OPERATOR ASSISTED NORTH AMERICA

### UNITED STATES

| | | | | | |
|---|---|---|---|---|---|
| **KC1XX** | **A** | **4,321,056** | **2031** | **165** | **571** |
| **W1PH** | **"** | **4,075,785** | **2107** | **156** | **509** |
| **K2SX** | **"** | **3,704,592** | **1909** | **162** | **521** |
| KC1F | " | 3,650,733 | 1881 | 157 | 512 |
| K1VR | " | 2,950,176 | 1614 | 151 | 481 |
| W1RR | " | 1,830,327 | 1078 | 145 | 446 |
| N4DW | " | 1,498,310 | 997 | 131 | 399 |
| K1GW | " | 1,461,774 | 959 | 143 | 399 |
| N4XR | " | 1,368,470 | 859 | 140 | 422 |
| WF1F | " | 1,333,605 | 1021 | 118 | 337 |
| W1NG | " | 1,179,008 | 713 | 154 | 450 |
| W1XS | " | 1,033,500 | 746 | 136 | 364 |
| K1EFI | " | 1,000,680 | 756 | 116 | 349 |
| K1KP | " | 778,320 | 608 | 116 | 344 |
| W1BIH | " | 708,874 | 535 | 136 | 342 |
| NY1L | " | 640,332 | 567 | 102 | 294 |
| W1AX | " | 620,517 | 569 | 102 | 289 |
| AB1U | " | 391,746 | 436 | 98 | 229 |
| WB2DND | " | 373,572 | 414 | 89 | 235 |
| KA1CLV | " | 266,166 | 338 | 73 | 206 |
| WA1G | " | 206,592 | 280 | 83 | 184 |
| WA1S | " | 199,230 | 322 | 66 | 163 |
| WS1H | " | 163,438 | 282 | 64 | 145 |
| WA1N | " | 126,100 | 234 | 55 | 139 |
| K1KNQ | " | 93,528 | 172 | 61 | 138 |
| K1FWF | " | 15,570 | 62 | 34 | 56 |
| **K5NA** | **A** | **4,363,824** | **1908** | **174** | **620** |
| **AA2DU** | **"** | **3,104,045** | **1655** | **149** | **506** |
| **K2PS** | **"** | **2,950,808** | **1621** | **153** | **479** |
| W2REH | " | 2,913,900 | 1529 | 158 | 502 |
| K2WK | " | 2,790,081 | 1460 | 151 | 510 |
| W1GD/2 | " | 1,602,744 | 985 | 144 | 428 |
| K2NJ | " | 1,431,060 | 968 | 129 | 381 |
| KF2O | " | 1,436,015 | 822 | 153 | 470 |
| K2BU | " | 1,337,553 | 830 | 135 | 432 |
| NR2H | " | 1,329,032 | 1003 | 117 | 349 |
| N2UN | " | 1,186,622 | 855 | 133 | 366 |
| W9NGA | " | 835,660 | 593 | 135 | 373 |
| K2OWE | " | 729,540 | 680 | 110 | 276 |
| K2DB | " | 457,135 | 483 | 102 | 251 |
| N2AIF | " | 454,476 | 449 | 99 | 264 |
| KA2HMJ | " | 424,274 | 610 | 68 | 165 |
| WR2G | " | 407,500 | 443 | 84 | 242 |
| KQ2D | " | 390,621 | 500 | 73 | 194 |
| KY2T | " | 377,122 | 353 | 106 | 280 |
| W2GMA | " | 339,570 | 380 | 95 | 234 |
| WA2MKM | " | 331,515 | 443 | 83 | 182 |
| W2GRD | " | 323,150 | 395 | 70 | 211 |
| WJ2W | " | 279,568 | 337 | 96 | 196 |
| KD2NT | " | 259,920 | 281 | 102 | 240 |
| N2SS | " | 233,168 | 282 | 96 | 208 |
| WA2JUK | " | 186,116 | 226 | 85 | 204 |
| KE2VB | " | 91,609 | 209 | 47 | 114 |
| W2XN | " | 84,623 | 187 | 50 | 107 |
| NA2M | " | 78,996 | 160 | 59 | 115 |
| K2ZH | " | 73,416 | 156 | 68 | 116 |
| K2SB | " | 64,848 | 139 | 55 | 113 |
| N2DBI | " | 29,925 | 108 | 31 | 64 |
| N2VW | " | 11,165 | 59 | 23 | 54 |
| **W2HG** | **28** | **161,330** | **384** | **34** | **112** |
| **W2VJN** | **7** | **84,409** | **198** | **35** | **116** |
| **KY2J** | **3.5** | **23,644** | **107** | **18** | **69** |
| **K3WW** | **A** | **4,664,550** | **2215** | **169** | **557** |
| **WR3E** | **"** | **3,916,080** | **1815** | **171** | **585** |
| **W3XU** | **"** | **3,760,429** | **1967** | **166** | **495** |
| W8FJ | " | 2,664,512 | 1485 | 147 | 485 |
| W3FV | " | 2,284,030 | 1622 | 125 | 362 |
| AA3B | " | 2,261,714 | 1412 | 138 | 421 |
| K3VW | " | 1,474,560 | 1002 | 131 | 381 |
| K3ND | " | 1,430,982 | 877 | 145 | 429 |
| NW3Y | " | 1,422,652 | 1151 | 118 | 316 |
| N3II | " | 1,377,244 | 885 | 136 | 418 |
| W3OV | " | 1,159,772 | 1013 | 112 | 286 |
| N3NA | " | 1,116,689 | 830 | 122 | 347 |
| KQ3F | " | 1,100,900 | 887 | 119 | 317 |
| K3SA | " | 555,753 | 528 | 98 | 265 |
| N3AM | " | 541,728 | 550 | 100 | 242 |
| K3RL | " | 523,983 | 420 | 130 | 319 |
| W3MM | " | 465,660 | 425 | 116 | 282 |
| W3KV | " | 448,836 | 485 | 100 | 231 |
| N3ARK | " | 416,500 | 416 | 90 | 260 |
| W3MA | " | 226,512 | 281 | 82 | 204 |
| NY3C | " | 226,048 | 318 | 75 | 181 |
| NM3K | " | 212,872 | 326 | 72 | 164 |
| NC3C | " | 200,070 | 255 | 87 | 198 |
| NV3V | " | 163,237 | 244 | 76 | 163 |
| K3NZ | " | 153,387 | 218 | 72 | 175 |
| KU3X | " | 136,701 | 203 | 74 | 175 |
| WW3F | " | 127,779 | 223 | 73 | 150 |
| K3LK | " | 112,270 | 197 | 52 | 144 |
| N3FDL | " | 102,372 | 159 | 59 | 159 |
| WD3P | " | 37,665 | 107 | 56 | 79 |
| N3UN | " | 34,870 | 112 | 35 | 75 |
| KD2RE | 28 | 9,381 | 66 | 18 | 35 |
| WR3L | 21 | 36,358 | 122 | 30 | 76 |
| **N4AA** | **A** | **1,952,568** | **1187** | **149** | **428** |
| **K4MF** | **"** | **814,104** | **734** | **110** | **282** |
| W4FDA | " | 806,348 | 716 | 110 | 288 |
| K4PB | " | 770,847 | 553 | 142 | 355 |
| KN4UB | " | 758,368 | 645 | 113 | 330 |
| KS4Q | " | 750,712 | 631 | 122 | 306 |
| K8UNP | " | 701,344 | 579 | 129 | 305 |
| AA4NU | " | 629,648 | 515 | 141 | 323 |
| NU4Y | " | 621,355 | 519 | 123 | 310 |
| K4FPF | " | 551,650 | 530 | 100 | 274 |
| AB4RU | " | 546,312 | 500 | 120 | 288 |
| KX3Q | " | 114,760 | 259 | 40 | 112 |
| N4RA | " | 111,034 | 196 | 56 | 140 |
| KB4SRE | " | 56,470 | 150 | 57 | 103 |
| K4PR | " | 40,470 | 115 | 57 | 85 |
| KO4RQ | " | 29,440 | 83 | 47 | 81 |
| AB4OH | " | 22,932 | 84 | 29 | 69 |
| N3RC | " | 22,176 | 80 | 36 | 63 |
| **W4MGX** | **28** | **109,208** | **283** | **34** | **102** |
| **K4XS** | **7** | **663,899** | **1397** | **36** | **127** |
| **N4KG** | **"** | **275,706** | **624** | **35** | **124** |
| NQ1W | " | 23,244 | 109 | 21 | 57 |
| **K4PI** | **3.5** | **115,168** | **347** | **30** | **88** |
| **K5NW** | **A** | **2,152,629** | **1399** | **155** | **394** |
| K5LP | " | 1,289,600 | 908 | 143 | 353 |
| KI3L/5 | " | 783,360 | 688 | 126 | 282 |
| K7GM | " | 477,700 | 509 | 108 | 232 |
| W5XJ | " | 477,264 | 516 | 108 | 218 |
| N3BB | " | 244,737 | 408 | 74 | 139 |
| WB5CRG | " | 53,835 | 146 | 71 | 136 |
| AA5ZT | " | 54,795 | 145 | 47 | 86 |
| WF5E | " | 47,144 | 122 | 55 | 87 |
| **K6QY** | **A** | **1,403,886** | **1046** | **140** | **338** |
| **W6OAT** | **"** | **1,224,520** | **939** | **139** | **321** |
| K6FU | " | 842,585 | 682 | 132 | 311 |
| AA6KX | " | 637,590 | 600 | 135 | 266 |
| NI6T | " | 628,728 | 562 | 135 | 267 |
| N6DA | " | 453,173 | 561 | 106 | 181 |
| W6BJII | " | 428,420 | 497 | 106 | 204 |
| N6IP | " | 423,894 | 575 | 103 | 155 |
| K6MA | " | 309,430 | 360 | 117 | 202 |
| N6OU | " | 114,950 | 217 | 89 | 120 |
| AD6E | " | 96,193 | 201 | 68 | 89 |
| N6DLU | " | 84,524 | 167 | 74 | 113 |
| W6TKF | " | 59,888 | 154 | 69 | 99 |
| N1FF/6 | " | 51,590 | 169 | 41 | 69 |
| N6RFM | " | 41,728 | 121 | 53 | 75 |
| **K6OZL** | **14** | **167,994** | **366** | **37** | **125** |
| WA5CTA | " | 37,136 | 151 | 25 | 63 |
| **N7IRR** | **A** | **444,132** | **538** | **103** | **189** |
| KF7YP | " | 391,779 | 481 | 110 | 193 |
| KK7A | " | 56,056 | 154 | 65 | 78 |
| **K7SP** | **28** | **97,926** | **306** | **31** | **83** |
| WJ7R | " | 42,700 | 243 | 26 | 35 |
| **WA2TMP /7** | **21** | **273,093** | **755** | **33** | **96** |
| **K8AZ** | **A** | **4,740,060** | **2334** | **171** | **537** |
| **K8MR** | **"** | **2,030,506** | **1260** | **147** | **415** |
| KF8QE | " | 1,333,632 | 1269 | 113 | 271 |
| K8EL | " | 324,351 | 410 | 91 | 202 |
| KU8U | " | 287,300 | 314 | 108 | 220 |
| K8CV | " | 282,186 | 388 | 79 | 178 |
| N8JQX | " | 230,490 | 349 | 76 | 158 |
| KB3X | " | 143,280 | 225 | 81 | 159 |
| W8NJR | " | 29,318 | 96 | 43 | 64 |
| AJ8B | " | 10,854 | 55 | 38 | 43 |
| **AA8U** | **28** | **172,815** | **509** | **32** | **91** |
| **W8UVZ** | **14** | **302,736** | **624** | **40** | **128** |
| WR8VPA | " | 51,972 | 153 | 34 | 88 |
| **W9OP** | **A** | **1,168,860** | **894** | **128** | **334** |
| **K8JP** | **"** | **1,153,476** | **769** | **155** | **382** |

| | | | | | |
|---|---|---|---|---|---|
| KA9LTR | " | 745,190 | 603 | 122 | 306 |
| K9MDO | " | 301,455 | 343 | 100 | 219 |
| KE9I | " | 259,689 | 293 | 115 | 206 |
| KB9CRY | " | 151,938 | 263 | 67 | 140 |
| N9XX | " | 146,487 | 218 | 91 | 162 |
| **W9XT** | **28** | **225,360** | **550** | **32** | **112** |
| **WAØPEV** | **A** | **1,130,415** | **925** | **127** | **302** |
| KMØL | " | 946,737 | 866 | 123 | 270 |
| KØOC | " | 906,378 | 726 | 130 | 313 |
| WYØJ | " | 871,112 | 756 | 140 | 278 |
| WØKZV | " | 791,600 | 704 | 126 | 274 |
| KØVBU | " | 121,877 | 273 | 56 | 105 |
| K1ER | " | 40,752 | 101 | 52 | 92 |
| WB8ZRL | " | 16,560 | 75 | 27 | 53 |
| AAØCY | " | 15,652 | 72 | 43 | 48 |
| **WØSR** | **28** | **51,700** | **167** | **32** | **78** |
| **KWØA** | **3.5** | **29,792** | **150** | **21** | **55** |

## CANADA

| | | | | | |
|---|---|---|---|---|---|
| **VD7DX** | **A** | **1,309,459** | **1388** | **133** | **258** |
| | | | | | **(Opr. N6HR)** |

# ASIA

## JAPAN

| | | | | | |
|---|---|---|---|---|---|
| **JR2BNF** | **14** | **169,540** | **428** | **38** | **102** |
| JL2LFX | " | 36,556 | 176 | 27 | 49 |
| **JA3VXH** | **A** | **340,425** | **529** | **83** | **142** |
| JG1EIQ/3 | " | 89,648 | 159 | 88 | 120 |
| **JA7SUR** | **A** | **440,056** | **604** | **104** | **164** |
| JA7UES | " | 179,728 | 342 | 75 | 113 |

# EUROPE

## AUSTRIA

| | | | | | |
|---|---|---|---|---|---|
| OE1TKW | A | 7,992 | 62 | 25 | 49 |

## BELGIUM

| | | | | | |
|---|---|---|---|---|---|
| **ON7RN** | **A** | **175,500** | **455** | **50** | **130** |

## ENGLAND

| | | | | | |
|---|---|---|---|---|---|
| **G5LP** | **A** | **681,492** | **1014** | **97** | **269** |
| G4PDQ | " | 175,050 | 360 | 67 | 158 |
| G4BWP | " | 155,925 | 301 | 76 | 155 |

## FINLAND

| | | | | | |
|---|---|---|---|---|---|
| **OH2BVM** | **A** | **607,620** | **652** | **133** | **359** |
| OH2BUQ | " | 458,616 | 599 | 108 | 280 |
| OH1GI | " | 120,666 | 300 | 62 | 120 |
| **OH3NLP** | **21** | **306,246** | **1063** | **36** | **93** |
| OH5MPZ | 14 | 7,791 | 88 | 15 | 38 |
| OH3GI | " | 5,356 | 77 | 11 | 15 |

## FRANCE

| | | | | | |
|---|---|---|---|---|---|
| **F6BEE** | **A** | **1,279,938** | **1156** | **131** | **342** |

## GERMANY

| | | | | | |
|---|---|---|---|---|---|
| **DF3CB** | **A** | **3,156,972** | **1997** | **164** | **522** |
| **DJ2YA** | **"** | **2,479,029** | **1490** | **160** | **519** |
| DL4MEH | " | 976,305 | 913 | 129 | 356 |
| DJ9IE | " | 961,376 | 1142 | 115 | 301 |
| DJ5BV | " | 893,320 | 816 | 133 | 327 |
| DF8WS | " | 675,008 | 739 | 105 | 293 |
| DL8QS | " | 672,204 | 608 | 107 | 310 |
| DL8YR | " | 612,420 | 798 | 93 | 253 |
| DL8KJ | " | 517,313 | 662 | 97 | 264 |
| DL4MFM | " | 375,877 | 626 | 76 | 195 |
| DK8FS | " | 368,402 | 570 | 90 | 244 |
| DK7ZH | " | 356,118 | 574 | 51 | 197 |
| DJ9MH | " | 275,968 | 524 | 75 | 181 |
| DL8AAM/P | " | 123,114 | 351 | 44 | 98 |
| **DJ3WE** | **3.5** | **21,321** | **225** | **12** | **57** |

## ITALY

| | | | | | |
|---|---|---|---|---|---|
| IKØQDB | A | 32,639 | 182 | 39 | 88 |

## ITU GENEVA

| | | | | | |
|---|---|---|---|---|---|
| **4U1ITU** | **A** | **4,111,980** | **3494** | **132** | **438** |
| | | | | | **(Opr. DL5XX)** |

## NETHERLANDS

| | | | | | |
|---|---|---|---|---|---|
| **PI4TUE** | **28** | **85,069** | **339** | **32** | **65** |

## NORWAY

| | | | | | |
|---|---|---|---|---|---|
| **LA7AFA** | **A** | **657,775** | **766** | **108** | **307** |
| LA5M | " | 631,540 | 1033 | 35 | 269 |

## SICILY

| | | | | | |
|---|---|---|---|---|---|
| IT9VDQ | A | 42,048 | 150 | 41 | 103 |

## SWEDEN

| | | | | | |
|---|---|---|---|---|---|
| SM6GOR | A | 17,484 | 100 | 31 | 63 |
| SMØCJZ | 7 | 27,707 | 139 | 26 | 77 |

## UKRAINE

| | | | | | |
|---|---|---|---|---|---|
| **UT2L** | **A** | **1,897,295** | **1670** | **150** | **414** |
| | | | | | **(Opr. UB5LCV)** |

# MULTI-OPERATOR SINGLE TRANSMITTER NORTH AMERICA

## UNITED STATES

| | | | | | |
|---|---|---|---|---|---|
| **K1KI** | | **8,207,815** | **3356** | **180** | **662** |
| **K1DG** | | **7,751,014** | **3332** | **182** | **641** |
| W1OO | | 5,337,058 | 2525 | 166 | 573 |
| K2TE | | 2,279,928 | 1396 | 137 | 437 |
| N1AU | | 1,897,184 | 1136 | 141 | 446 |
| WE1B | | 1,087,104 | 848 | 113 | 334 |
| W1BK | | 225,214 | 258 | 98 | 221 |
| **WW2Y** | | **6,062,210** | **2770** | **175** | **595** |
| K2SG | | 4,573,608 | 2445 | 153 | 489 |
| KN2M | | 4,300,470 | 2220 | 162 | 511 |
| K2QMT | | 2,617,112 | 1445 | 148 | 484 |
| WJ3A | | 1,566,630 | 1085 | 130 | 377 |
| W2UP | | 548,475 | 554 | 101 | 254 |
| **N3RS** | | **8,585,380** | **3478** | **186** | **574** |
| AA1K | | 4,287,140 | 2105 | 160 | 555 |
| W3GG | | 3,368,359 | 1949 | 150 | 453 |
| NN3Q | | 2,818,458 | 1732 | 130 | 428 |
| K3DI | | 2,159,410 | 1293 | 140 | 446 |
| KS3F | | 1,528,618 | 1111 | 131 | 350 |
| N3BNA | | 1,183,578 | 913 | 125 | 329 |
| K3CP | | 811,740 | 687 | 109 | 306 |
| **N4WW** | | **5,821,605** | **2634** | **181** | **602** |
| N4AR | | 4,837,710 | 2424 | 173 | 532 |
| K4LTA | | 2,148,311 | 1434 | 136 | 405 |
| K4FW | | 346,338 | 433 | 84 | 187 |
| KO4WE | | 75,600 | 152 | 71 | 118 |
| **W5WMU** | | **5,361,675** | **2565** | **180** | **557** |
| **W6GO** | | **5,252,702** | **2739** | **180** | **506** |
| K6XT | | 2,379,104 | 1499 | 154 | 405 |
| WA6IET | | 1,043,238 | 902 | 134 | 279 |
| KA6NAL | | 340,615 | 895 | 129 | 248 |
| **NK7U** | | **3,075,776** | **2030** | **153** | **391** |
| KF7AY | | 140,890 | 270 | 79 | 114 |
| **WD8LLD** | | **3,968,982** | **1995** | **170** | **539** |
| W8BI | | 2,942,640 | 1706 | 149 | 461 |
| K8LX | | 2,747,233 | 1835 | 143 | 378 |
| WA8TOB | | 823,754 | 696 | 124 | 295 |
| N8DPH | | 206,901 | 321 | 78 | 159 |
| **W9KDX** | | **2,431,906** | **1510** | **148** | **421** |
| KS9C | | 2,016,384 | 1579 | 136 | 336 |
| K9GR | | 179,826 | 257 | 89 | 169 |
| **WØCP** | | **3,121,965** | **1856** | **162** | **433** |
| NCØP | | 2,940,416 | 1999 | 145 | 368 |
| W1XE/Ø | | 1,812,536 | 1375 | 147 | 326 |

## CANADA

| | | | | | |
|---|---|---|---|---|---|
| **VE1RNS** | | **729,296** | **964** | **95** | **209** |
| **VE6AO** | | **349,804** | **917** | **75** | **107** |
| **VD7SV** | | **5,999,727** | **4132** | **170** | **417** |

## PUERTO RICO

| | | | | | |
|---|---|---|---|---|---|
| **K3TEJ/KP4** | | **2,247,552** | **2379** | **104** | **280** |

# AFRICA

## DIEGO GARCIA

| | | | | | |
|---|---|---|---|---|---|
| **VQ9IO** | | **3,197,428** | **2435** | **131** | **311** |

## SEYCHELLES

| | | | | | |
|---|---|---|---|---|---|
| **S79S** | | **5,191,765** | **3367** | **136** | **385** |

# ASIA

## BRITISH CYPRUS

| | | | | | |
|---|---|---|---|---|---|
| **ZC4Z** | | **11,091,918** | **5537** | **162** | **536** |

## CHINA

| | | | | | |
|---|---|---|---|---|---|
| **BY4SZ** | | **544,453** | **1320** | **92** | **125** |

## JAPAN

| | | | | | |
|---|---|---|---|---|---|
| **JA1ZLO** | | **1,823,998** | **1728** | **122** | **252** |
| **JE2YHS** | | **1,259,032** | **1523** | **104** | **188** |
| **JA3ZKK** | | **942,149** | **1124** | **105** | **194** |
| JA3ZNJ | | 866,632 | 934 | 119 | 213 |
| **JH5ZJS** | | **5,032,794** | **3054** | **175** | **396** |
| **JE6ZIH** | | **2,829,464** | **2063** | **147** | **337** |
| **JA6YCL** | | **1,452,890** | **1435** | **117** | **246** |
| **JA7YAA** | | **3,310,420** | **2243** | **162** | **353** |

## KAZAKH REPUBLIC

| | | | | | |
|---|---|---|---|---|---|
| **RL5P** | | **6,989,040** | **3663** | **158** | **562** |

## MONGOLIA

| | | | | | |
|---|---|---|---|---|---|
| **JT1T** | | **1,451,436** | **2450** | **74** | **185** |

## RUSSIA

| | | | | | |
|---|---|---|---|---|---|
| **RW9C** | | **1,939,464** | **1513** | **134** | **358** |
| **UZ9AWN** | | **1,938,678** | **1620** | **112** | **322** |
| UZ9XWH | | 1,193,037 | 1041 | 109 | 308 |
| **UZØCWW** | | **906,015** | **1320** | **104** | **181** |

## SAUDI ARABIA

| | | | | | |
|---|---|---|---|---|---|
| **HZ1AB** | | **3,602,776** | **2726** | **125** | **347** |

# EUROPE

## ALBANIA

| | | | | | |
|---|---|---|---|---|---|
| **ZA1A** | | **2,490,564** | **3241** | **101** | **284** |

## AUSTRIA

| | | | | | |
|---|---|---|---|---|---|
| **OE1XTU** | | **367,000** | **824** | **55** | **145** |

## BELGIUM

| | | | | | |
|---|---|---|---|---|---|
| **OT2D** | | **3,257,820** | **2729** | **132** | **408** |
| ON6AH | | 2,856,708 | 2705 | 130 | 356 |

## BULGARIA

| | | | | | |
|---|---|---|---|---|---|
| **LZ9A** | | **8,858,468** | **4786** | **194** | **650** |
| LZ6G | | 943,590 | 1270 | 100 | 255 |

## CROATIA

| | | | | | |
|---|---|---|---|---|---|
| **9A5D** | | **1,548,015** | **2722** | **86** | **259** |

## CZECHOSLOVAKIA

| | | | | | |
|---|---|---|---|---|---|
| **OK5W** | | **6,767,465** | **3627** | **178** | **607** |
| CL3A | | 2,503,314 | 2266 | 143 | 395 |
| **OK2KOD** | | **1,428,350** | **1395** | **123** | **367** |
| CK2KDS | | 429,330 | 798 | 73 | 255 |
| **OK3KCM** | | **5,292,284** | **3404** | **167** | **485** |
| CK3KAG | | 4,693,335 | 2943 | 162 | 533 |
| CK3KFO | | 2,194,610 | 1932 | 135 | 427 |
| CK3KLN | | 255,200 | 593 | 61 | 171 |
| CK3KXR | | 81,468 | 329 | 39 | 137 |

## DENMARK

| | | | | | |
|---|---|---|---|---|---|
| OZ5EDR | | 12,360 | 119 | 17 | 23 |

## ENGLAND

| | | | | | |
|---|---|---|---|---|---|
| **GB5DX** | | **5,181,192** | **3930** | **146** | **432** |
| GX3PHC | | 3,644,900 | 3404 | 128 | 380 |
| G3OZF | | 3,120,587 | 2311 | 144 | 453 |
| G3LZQ | | 2,302,510 | 2012 | 140 | 378 |
| G3SSC | | 916,371 | 1518 | 78 | 183 |
| G3XMZ | | 617,590 | 1047 | 82 | 220 |
| GØFOS | | 110,440 | 503 | 22 | 96 |

## FINLAND

| | | | | | |
|---|---|---|---|---|---|
| **OH2HE** | | **1,918,750** | **2702** | **85** | **122** |
| OH2BSI | | 1,001,232 | 1182 | 101 | 398 |

## FRANCE

| | | | | | |
|---|---|---|---|---|---|
| **TM9C** | | **7,937,423** | **5057** | **164** | **537** |
| TM5SA | | 3,306,996 | 3197 | 113 | 349 |
| TM5V | | 1,968,362 | 2599 | 106 | 312 |

## GERMANY

| | | | | | |
|---|---|---|---|---|---|
| **DLØWW** | | **7,998,770** | **3938** | **187** | **658** |
| DJ4AX | | 6,116,165 | 3550 | 162 | 509 |
| Y33VL | | 5,888,205 | 3608 | 173 | 558 |
| DLØUM | | 4,360,500 | 2877 | 163 | 483 |
| Y38I | | 3,478,626 | 2612 | 149 | 442 |
| DKØMM | | 2,979,190 | 2017 | 161 | 509 |
| DFØRR | | 2,840,343 | 2295 | 145 | 416 |
| DLØCMA | | 2,830,070 | 2423 | 129 | 378 |
| DLØTUD | | 1,676,960 | 1665 | 121 | 349 |
| DL2HTO | | 1,499,449 | 1629 | 116 | 315 |
| DL1MFL | | 1,446,562 | 1324 | 127 | 406 |
| DLØWH | | 1,356,750 | 1380 | 119 | 331 |
| DLØSSB | | 1,237,600 | 1347 | 101 | 324 |
| DA1WA | | 1,099,800 | 1168 | 111 | 357 |
| DA2UK | | 505,920 | 1048 | 70 | 178 |
| DL2GGA | | 414,105 | 691 | 77 | 208 |

## GREECE

| | | | | | |
|---|---|---|---|---|---|
| **SV1SV** | | **1,009,476** | **1853** | **92** | **259** |

## GUERNSEY

| | | | | | |
|---|---|---|---|---|---|
| **GU3HFN** | | **2,529,660** | **2967** | **89** | **291** |

## HUNGARY

| | | | | | |
|---|---|---|---|---|---|
| **HG1S** | | **6,276,290** | **4566** | **158** | **452** |
| HG6Y | | 3,433,954 | 3285 | 118 | 348 |
| HA8KCK | | 2,738,412 | 2432 | 134 | 415 |
| HA3KNA | | 2,232,360 | 2224 | 131 | 389 |

## IRELAND

| | | | | | |
|---|---|---|---|---|---|
| **EI7M** | | **863,525** | **1257** | **79** | **246** |

## ITALY

| | | | | | |
|---|---|---|---|---|---|
| **IQ4A** | | **9,197,700** | **4522** | **193** | **678** |
| II2A | | 6,571,656 | 4041 | 163 | 551 |
| IK3QAR | | 1,389,780 | 1516 | 108 | 312 |

## ITU VIENNA

| | | | | | |
|---|---|---|---|---|---|
| **4U1VIC** | | **5,487,531** | **4446** | **170** | **551** |

## KALININGRAD

| | | | | | |
|---|---|---|---|---|---|
| **UW2F** | | **8,049,966** | **4617** | **181** | **597** |

## LATVIA

| | | | | | |
|---|---|---|---|---|---|
| **YL1ZR** | | **881,121** | **1114** | **110** | **307** |

## LITHUANIA

| | | | | | |
|---|---|---|---|---|---|
| **LY4W** | | **5,611,980** | **3383** | **180** | **593** |

## LUXEMBOURG

| | | | | | |
|---|---|---|---|---|---|
| **LX/DFØBK** | | **1,018,080** | **1610** | **105** | **315** |

## NETHERLANDS

| | | | | | |
|---|---|---|---|---|---|
| **PI4COM** | | **2,859,615** | **2556** | **142** | **483** |
| PI4ZLC | | 768,384 | 1169 | 87 | 261 |
| PAØKHS | | 470,400 | 768 | 86 | 234 |

## NORWAY

| | | | | | |
|---|---|---|---|---|---|
| **LA8SDA** | | **2,599,152** | **2348** | **128** | **391** |
| LA1K | | 204,288 | 524 | 60 | 164 |

## POLAND

| | | | | | |
|---|---|---|---|---|---|
| SP3KAU | | 60,490 | 345 | 31 | 84 |

## RUSSIA

| | | | | | |
|---|---|---|---|---|---|
| **UZ1AWO** | | **2,303,716** | **4282** | **125** | **413** |
| UZ1OWZ | | 1,749,918 | 1495 | 137 | 397 |
| **RK3B** | | **2,430,472** | **2121** | **142** | **426** |
| RK3A | | 2,151,996 | 2114 | 133 | 415 |
| UZ3GYM | | 773,432 | 1282 | 92 | 282 |
| UZ3GXL | | 369,943 | 995 | 70 | 217 |
| **UZ4HXX** | | **1,243,474** | **1739** | **108** | **260** |
| UZ4LXD | | 90,514 | 340 | 42 | 125 |
| **R6Y** | | **1,785,945** | **2003** | **137** | **374** |

## SCOTLAND

| | | | | | |
|---|---|---|---|---|---|
| **GS4TMS** | | **495,940** | **1122** | **65** | **209** |

## SLOVENIA

| | | | | | |
|---|---|---|---|---|---|
| **S55AA** | | **2,850,730** | **2992** | **111** | **299** |

## SPAIN

| | | | | | |
|---|---|---|---|---|---|
| **EA3KU** | | **5,292,828** | **4161** | **170** | **529** |

## SWEDEN

| | | | | | |
|---|---|---|---|---|---|
| **SKØUX** | | **2,343,315** | **2041** | **144** | **447** |
| SK5AA | | 1,302,786 | 1315 | 127 | 334 |
| SKØHB | | 1,202,166 | 1452 | 118 | 288 |
| SK7JD | | 514,052 | 892 | 85 | 223 |

## UKRAINE

| | | | | | |
|---|---|---|---|---|---|
| **RB4IYJ** | | **700,200** | **1190** | **95** | **265** |
| UT4JWC | | 219,504 | 579 | 56 | 148 |

## YUGOSLAVIA

| | | | | | |
|---|---|---|---|---|---|
| **4N7M** | | **2,955,360** | **2564** | **135** | **389** |
| YT1R | | 2,113,310 | 2401 | 123 | 343 |
| YU/BCF | | 655,200 | 965 | 83 | 253 |

# OCEANIA

## FRENCH OCEANIA

| | | | | | |
|---|---|---|---|---|---|
| **FO /SM5NZY** | | **477,516** | **1045** | **73** | **83** |

## GUAM

| | | | | | |
|---|---|---|---|---|---|
| **KH2S** | | **7,249,952** | **4306** | **169** | **399** |

# SOUTH AMERICA

## ARGENTINA

| | | | | | |
|---|---|---|---|---|---|
| **LU7DP** | | **2,779,200** | **2175** | **142** | **308** |

# MULTI-OPERATOR MULTI-TRANSMITTER NORTH AMERICA

## UNITED STATES

| | | | | | |
|---|---|---|---|---|---|
| **K1AR** | | **19,473,615** | **7127** | **192** | **753** |
| **N2RM** | | **18,408,663** | **6780** | **195** | **736** |
| **W3LPL** | | **16,702,372** | **6220** | **195** | **737** |
| AD1C | | 12,690,432 | 5418 | 175 | 641 |
| **AA6TT** | | **9,460,602** | **4721** | **180** | **551** |
| KY1H | | 7,821,044 | 3652 | 174 | 584 |
| **N6DX** | | **7,800,895** | **4060** | **189** | **557** |
| **WØAIH** | | **7,748,370** | **3855** | **176** | **577** |
| **NO4I** | | **6,224,188** | **3133** | **174** | **542** |
| KY3N | | 6,216,800 | 2866 | 164 | 594 |
| W4MYA | | 5,868,284 | 2708 | 177 | 587 |
| WEBA | | 5,721,408 | 3012 | 172 | 503 |
| WB2F | | 3,715,577 | 1760 | 173 | 560 |
| K2TD | | 3,525,036 | 1850 | 153 | 515 |
| N6CQ/3 | | 3,233,536 | 2058 | 131 | 413 |
| AB2E | | 3,054,818 | 1873 | 152 | 434 |
| K3II | | 1,663,508 | 1182 | 127 | 364 |

## ALASKA

| | | | | | |
|---|---|---|---|---|---|
| **NL7G** | | **14,485,572** | **9100** | **175** | **436** |

## CANADA

| | | | | | |
|---|---|---|---|---|---|
| **VE2CSI** | | **8,184,910** | **6641** | **125** | **396** |
| **VE7ZZZ** | | **5,404,410** | **4730** | **145** | **332** |

# AFRICA

## CUETA & MELILLA

| | | | | | |
|---|---|---|---|---|---|
| **EA9EA** | | **30,038,639** | **12305** | **180** | **637** |

# ASIA

## HONG KONG

| | | | | | |
|---|---|---|---|---|---|
| **VS6WO** | | **17,799,960** | **9841** | **190** | **570** |

## JAPAN

| | | | | | |
|---|---|---|---|---|---|
| **JA3ZOH** | | **8,603,448** | **4545** | **187** | **477** |
| **JA1YDU** | | **7,452,544** | **4158** | **185** | **447** |
| JA1YXP | | 6,609,640 | 3888 | 172 | 424 |
| JA3YBF | | 4,445,376 | 2859 | 159 | 389 |

# EUROPE

## CROATIA

| | | | | | |
|---|---|---|---|---|---|
| **9A1A** | | **18,450,820** | **10440** | **188** | **632** |

## DENMARK

| | | | | | |
|---|---|---|---|---|---|
| **OZ5WQ** | | **1,827,837** | **2094** | **121** | **378** |
| OZ4HAM | | 477,504 | 1020 | 67 | 221 |

## ENGLAND

| | | | | | |
|---|---|---|---|---|---|
| **GB5CW** | | **4,355,548** | **3476** | **139** | **415** |

## ALAND ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **OHØW** | | **17,040,051** | **10488** | **194** | **667** |

## FINLAND

| | | | | | |
|---|---|---|---|---|---|
| **OG4NVX** | | **675,680** | **1038** | **100** | **312** |

## GERMANY

| | | | | | |
|---|---|---|---|---|---|
| **DLØCS** | | **12,118,804** | **6521** | **195** | **671** |
| DLØKF | | 6,640,882 | 4464 | 166 | 547 |
| DLØWU | | 1,348,528 | 1611 | 91 | 265 |
| DF3QG | | 930,517 | 1031 | 113 | 320 |
| DF9CY | | 629,993 | 1003 | 84 | 215 |

## HUNGARY

| | | | | | |
|---|---|---|---|---|---|
| **HG73DX** | | **17,812,935** | **9335** | **200** | **679** |

## LITHUANIA

| | | | | | |
|---|---|---|---|---|---|
| **LY7A** | | **8,261,409** | **5720** | **172** | **569** |

## RUSSIA

| | | | | | |
|---|---|---|---|---|---|
| **UX1A** | | **11,977,597** | **6073** | **211** | **718** |
| EZ6L | | 10,095,894 | 6110 | 190 | 647 |

## UKRAINE

| | | | | | |
|---|---|---|---|---|---|
| **RY1I** | | **10,320,133** | **6394** | **187** | **640** |

## WALES

| | | | | | |
|---|---|---|---|---|---|
| **GW8GT** | | **17,487,927** | **10250** | **184** | **639** |

# OCEANIA

## MARIANAS ISLANDS

| | | | | | |
|---|---|---|---|---|---|
| **KHØAM** | | **23,951,385** | **11253** | **190** | **527** |

## NEW ZEALAND

| | | | | | |
|---|---|---|---|---|---|
| **ZM2K** | | **7,636,830** | **5385** | **150** | **348** |

# SOUTH AMERICA

## ARGENTINA

| | | | | | |
|---|---|---|---|---|---|
| **LU4FM** | | **6,671,678** | **4558** | **139** | **367** |

## Check Logs

5Z4FO/A, 7K2GMF, AA4WX, CT1YH, DLØDRS, DL1ARL, DL1DQD, DL1RNE/P, DL1RPR, DL2AKF, DL2BQV, DL2BUT, DL2SZA, DL3JON, DL4LVM, DL4LXM, DL5AMF, DL5AVJ, DL5YSM, DL5YWM, DL6UCI, EA/OH5NR, EA1AUI, EA1EVM, EA1FAE, EA1KW, EA3CUU, EA5ND, EA5OI, EA6EJ, EA7CP, EA7KN, EA8ZS, F2FX, HA1VQ, HA2EOA, HA7PW, IK3SSX, IK3TCJ, IT9AUP, K6FM, K6ZDL/6, LA1B, LA1IO, LA2QM, LA3JHA, LA4IAA, LA4KF, LA4NE, LA4WJ, LA5LT, LA5QC, LA6BG, LA6FC, LA7DHA, LA7IJ, LA8CA, LA8CE, LA8PDB, LA8XM, LA9DFA, LA9FFA, LA9HF, LA9OI, LA9PHA, LZ1HX, LZ1IA, NJ9Z, OE6IMD, OG4MCV, OH1XX, OH2FQ, OH5FA, OH5PT, OH5PX, OH7WV, OH8LAE, OK2PLH, OK3CVX, OY9JD, OZ1EUO, OZ1JLX, OZ4ABH, OZ5UR, OZ7JU, OZ7QB, OZ9HBO, PA3ASC, PA3FSC, PT7AA, PT7WA, PU2ELV, PY2AE, PY2CZL, PY2IAX, PY2IQ, PY2SP, PY3AA, PY3ARD, PY3GSP, PY3MHZ, PY3ZAP, PY3ZH, PY4ZF, RA3DMA, RA3NB, RL7EC, S51VE, SMØBNK, SMØBTS, SMØBXT, SMØCSX, SMØNJO, SM3CBR, SM4ASI, SM4SCK, SM4TRE, SM5ARL, SM5BFJ, SM5LI, SM5MLE, SM5OL, SM5UH, SM6FPZ, SM7ASN, SP1BLE, SP2ERZ, SP2IU, SP3JIA, SP4DZT, SP4IQG, SP4LDT, SP5BWO, SP5BYY, SP5CBA, SP6BEN, SP6BGZ, SP6CPF, SP6FER, SP6JZB, SP6STS, SP6SYF, SP7DTP, SP7VCA, SP8FHM, SP8MCP, SP9DAE, SP9DOW, TF3DX, TU4SR, UAØUDY, UA1CCP, UA1NDX, UA2WJ, UA3DFV, UA3MIF, UA3RAG, UA3TFS, UA6LDF, UB4JMJ, UB4MQV, UB5CEV, UB5FDL, UB5ZBS, UB5ZKG, UC2LB, UC2LDU, UC2LEO, UT5UJY, UT5UOL, UV3DAV, UV3DRU, VE2EM, VE3BR, VE3NBE, W7LR, W8LYT, WA4SSI, WB4BUA, WD8QBP, WL7AFD, Y24OA, Y28YN, Y42CB, YL2GD, YO3FF, YO3FRI, YO3KAA, YO5BFJ, YU7KM, ZZ3Ø053.



Say You Saw It In CQ