Results of the 2005 CQ WW DX CW Contest

BY BOB COX,* K3EST

Expanded CQ WW Contest Results on the Web

Several elements of our contest reporting are on the CQ website, including Station Operators of Multi-Op stations and expanded QRM.To view these additional and expanded elements of this year's CQ WW results, go to <http://www.cq-amateur-radio.com/cqwwhome.html>, then click on "Expanded results, 2005 CQ WW CW" and select the category you want to see. You may also get there by going to our home page at <http://www.cq-amateur-radio.com>, clicking on "Contest Rules & Info," then clicking on "CQ World Wide DX Contest" and selecting "Expanded Results, 2005 CQ WW CW."

The 2005 CQ WW DX CW Contest was looked forwarded to by contesters from around the world. Sure the sunspots were had all but disappeared, but undeterred by this information, a record number of CW logs were submitted from over 172 countries. The CQ WW CW test had a lot of surprises. The low bands were outstanding. Only 10 meters showed the sun's effects. The 2005 contest marks the highest number of submitted CW logs in radio history. Over 4100 logs were received. Contesters got on the air in droves from everywhere in the world.

Hundreds of contesters left home to try an adventure from a DX location. The CQ WW is a fantastic competition. It brings out the best in ham radio. Months of preparation honing skills, learning antenna theory and design, trying out the new antennas and equipment, and learning propagation leads to finally bringing it all together in a celebration of ham radio skill and effort over a fun-filled 48 hours. If you enter the CQ WW, you can't help but get caught up in the party.

Single Op, All Band, High Power

Winning the Single Op All Band category places you on the world stage in excellent historical company.

Jose, CT1BOH, has found a location in CT3 which provides him with an opportunity to maximize his already excellent skills. Standing at the #1 position in the world was CT3EN operated by CT1BOH. Taking advantage of being in Africa maximizes point total (http://www.qsl.net/ct1boh). Second place went to longtime top ten entrant W2GD operating P40W. John has been to Aruba so many times that the airline must have a special seat assigned to him. Third place went to Tom, W2SC, operating from 8P5A.

In Europe the top step was occupied by CU2A, with Toni, OH2UA, at the key. What a great job he did (http://www.cu2a.com/). If you cannot be in CU-land, the next best place is Portugal. Timo, OH1NOA, using CT8T took second place Europe. This was Timo's 5th CQWW from CT-land. Third place went to World Cup Soccer player Sergiy, UT5UDX, operating from ER4DX.

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Reprising his station's position on SSB, Randy, K5ZD/1, took USA first place (http://www.k5zd.com/). Second place went to Alexander, LZ4AX, putting K3CR, the Penn State ARC, to good use (http://k3lr.com/W1AW/w1aw18.htm). Andy, N2NT, took the bronze for the USA (http://wrtc2000.bit.si/n2nt.htm).

The continental winners were: North America 8P5A (W2SC), USA K5ZD/1, Africa CT3EN (CT1BOH), Asia A45XR, Japan JH4UYB, Europe CU2A, Oceania VK2GC (K5KG), South America P40W (W2GD).

Single Op, All Band, Low Power

The category with the most entrants by far is low power. Running only a transmitter without an amplifier is how most of the world operates a contest. To rise to the top in this category requires hard work and skill. Winning for the world is very difficult.

Taking the first position in 2005 was longtime low-power advocate Joe, AA3B, who pushed V26K to the top. Second place went to CT9A operated by Jusi-Pettra, OH6RX (http://lipas.uwasa.fi/~h78848/). Third place went to traveler Carsten, DL1EFD, operating at FG5BG.

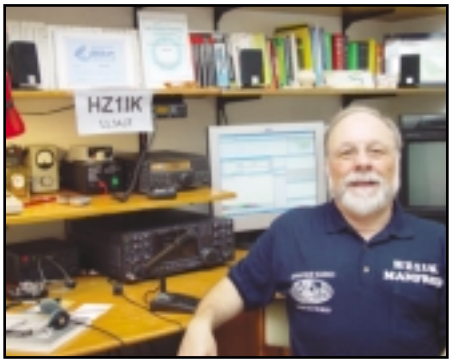
The number one score in Europe and #4 in the world was CT6A operated by 19-year-old Felipe, CT1ILT (http://ct1ilt.cybton.com/). Felipe also won the World Under 21 trophy! Second place in Europe went to Kreso, 9A5K. Manuel, EA7RM, who consistently finishes near the top, took third place Europe.

Moving up from last year's second place USA was Ed, N1UR, who took top honors. Second place went to WRTC veteran Ann, WA1S (http://home.tiac.net/~wa1s/), and third was Marvin, N5AW (http://www.ctdxcc.org/n5aw/).

The continental winners were: North America V26K(AA3B), USA N1UR, Africa CT9A, Asia HSØZAR, Japan JA8SLS, Europe CT6A (CT1ILT), Oceania YBØDPO, South America L73E.

QRP

Capturing first place in the QRP category close to the bottom of the sunspot cycle means that you have done a lot of search and pounce. You must have sharpened contesting skills to find stations, and to know where and when to call



Manfred, HZ1IK, put Saudia Arabia on the map on 7 MHz.

to make a good contact. It is surprising what you can work with just 5 watts. Renewing the thrill of working DX is a sure thing in the QRP category.

The number one score again in 2005 came from John, P40A (KK9A). Travelling to Aruba combines fun and a great vacation (http://www.qrz.com/p40a). Second place went to Dan, K1TO/4, located in Florida. Dan also took top honors in the USA. Traveling a great distance to join in the Caribbean fun was Yuriy, UR5DEM, who operated C6AUR and placed third worldwide.

Placing second in the USA was Bill, N8ET. He always places near the top in the QRP category. Almost breaking a thousand QSOs in the small-signal category means you are doing something right. Taking third was Tom, N1TM.

Over in Europe, Joe, DK5WL, took top honors (http://www.160m.de/). Second place went to Antonin, OK1VBA, and third to David, EA1FAQ. A special mention must be made of JR4DAH, W6JTI, RV9COI, and VK2BAA, who maxed out their scores operating far from population centers.

The continental winners were: North America K1TO/4, USA K1TO/4, Africa (No Entry), Asia JR4DAH, Japan JR4DAH, Europe DK5WL, Oceania VK2BAA, South America P40A (KK9A).

Assisted

Using any type of DX spotting help places the entrant in the Assisted category. There are lots of reasons to try this category: helping your club when you have limited time or just for fun are just a couple.

This year's world top scorer was Jack, RW3QC. He put the distinctive callsign 5B/AJ2O to good use by keying the Cyprus station to first place in the world. He was followed closely by a station operating half a world away on Christmas island, VK9AA operated by

The OM7M team, #1 world Multi-Single.

Bernd, VK2IA (http://www.contesting.com/articles/611). Breaking into the world top three from the USA was Barry, W2UP/3. Located near beautiful Lake Constance, Manfred, DJ5MW, had the right combination of QSOs and mults to take first place Europe (http://www.dj5mw.de/). Second place went to Braco, OE4A (OE1EMS), operating from eastern Austria (http://www.oe8ydq.com/ cpg132/thumbnails.php?album=15). Third place in Europe went to Vlad, RX4HZ. Long time Assisted aficionado, Charles, K3WW, was second in the USA followed by Ray, W2RE.

The continental winners were: North America W2UP/3, USA W2UP/3, Africa D44TD, Asia 5B/AJ2O, Japan JF2SKV, Europe DJ5MW, Oceania VK9AA (VK2IA), South America PJ4M (K2QM).

Multi-Single

The Multi-Single category is the most popular Multi category. If you look at all the stations listed, you will see almost a thousand. A real battle occurred in the Multi-Single category. Three FB stations with top operators went head to head.

The four-man team from the USA West Coast travelled to where QSOs are made, P40L, and keyed their way to world number one. They convincingly took the gold. Second place went to the Serbian team who put 3V5A on the map. Third place went to the all-Spanish team at EA8ZS (http://www.grupodxgc.com/).

Over in Europe the Low Bands Contest Club, OM7M, took first place (http://www.qsl.net/om7m/), second place went to the Irish/Latvian team at EI7M (http://www.lral.lv/exped/ei7m/index.html), and third went to another fine Slovakian team, OM8A (http://www.om8a.org/).

In the USA first place went to Ted's team from New Hampshire, KT1V. Second place was taken by K1IR (http://www.designet.com/k1ir/), and third by Tom's station, K1KI.

Special mention must be made of the continued outstanding efforts of the Japanese team at AH2R. Also, a surprise this year was the Russian team who put T88AA in a lot of logs (http://www.sakurai.or.jp/HAM/T88/photos.html).

The continental winners were: North America KT1V, USA KT1V, Africa 3V5A, Asia 4XØG, Japan JA8RWU, Europe OM7M, Oceania AH2R, South America P40L.

Multi-Two

The M2 category continues to increase in popularity. Several good antennas, operators, and lots of coffee and you can vie for a high place in the M2 category.

In 2005 rare DX decided to hand out M2 QSOs. The M2 category is always a real challenge. Taking the gold was IH9P of the Tikirriki Contest Club (http://www.ih9p.com/). They handed out a lot QSOs. Second place in the world went to the Russian team of 8Q7DV (http://public.fotki.com/8q7dv/). They showed what can happen when good operators go someplace rare. Third place was VP5W operating from the beautiful Turks and Caicos islands.

In Europe top honors went to RU1A. They get out *and* hear well (http://ru1a.ru/eng/). Silver went to the Spanish team at EA6IB (http://www.qsl.net/ea6ib/home.htm). Radio Club Varazdin, 9A7A, took the bronze (http:// www.qsl.net/9a7a). The club's website sums up the

TROPHY WINNERS AND DONORS

SINGLE OPERATOR
ALL BAND
World
CT3EN (Opr: Jose Carlos Cardoso Nunes, CT1BOH)
Donor: K4FW Memorial (Scott Robbins, W4PA)

World Low Power
V26K (Opr: Joseph Trench, AA3B)
Donor: Slovenia Contest Club

World QRPp
P40A (Opr: John Bayne, KK9A)
Donor: Gene Walsh, N2AA

World Assisted
5B/AJ2O (Opr: Jack Danielyan, RW3QC)
Donor: Robert McGwier, N4HY

USA
Randall Thompson, K5ZD/1
Donor: Frankford Radio Club

USA Low Power
Edward Sawyer, N1UR
Donor: North Coast Contesters

USA - Zone 3
Terry Baxter, N6CW/7
Donor: Central Arizona DX Association

USA - Zone 4
Michael Wetzel, W9RE
Donor: The Society of Midwest Contesters

Canada
VY2TT (Opr: Kenneth Widelitz, K6LA)
Donor: John Sluymer, VE3EJ & Jim Roberts, VE7ZO

Carib./C.A.
8P5A (Opr: Tom Georgens, W2SC)
Donor: Chuck Shinn, W7MAP

Europe
CU2A (Opr: Toni Linden, OH2UA)
Donor: W3AU Memorial (Pete Raymond, N4KW)

Europe - Low Power
CT6A (Opr: Filipe Monteiro Lopes, CT1ILT)
Donor: Scott Jones, N3RA & Tim Duffy, K3LR

Scandinavia
OHØE (Opr: Ville Hiilesmaa, OH2MM)
Donor: W3FYS Memorial (Chas Weir, Jr., W6UM)

Russia
Alexander V. Shuklin, RA9SG
Donor: Roman Thomas, RZ3AA

Africa
ZD8A (Opr: Glenn Rattmann, K6NA)*
Donor: Gordon Marshall, W6RR

Asia
Chris Dabrowski, A45XR
Donor: Chuck Shinn, W7MAP

Japan
Masaki Masa Okano, JH4UYB
Donor: Tack Kumagai, JE1CKA

Japan - Low Power
Nobuhiro Iwasa, JH8SLS
Donor: Western Washington DX Club

Oceania
VK2GC (Opr: George Wagner, K5KG)
Donor: Chris Tran, ZL1CT

South America
P40W (Opr: John Crovelli, W2GD)
Donor: Venezuela DX Club

SINGLE OPERATOR, SINGLE BAND
World - 28 MHz
Juan Manuel Morandi, LU1HF
Donor: Joel Chalmers, KG6DX

World - 21 MHz
PT5A (Opr: Eric Castro, PY2EMC)
Donor: Lew Sayre, W7EW

World - 14 MHz
5Z1A (Opr: Alex C.J. Van Eijk, PA3DZN)
Donor: W2JT Memorial (North Jersey DX Assn.)

World - 7 MHz
Vakhtang Mumladze, 4L8A
Donor: Alex M. Kasevich, VP2MM

World - 3.5 MHz
CN2R (Opr: James Sullivan, W7EJ)
Donor: Fred Capossela, K6SSS

World - 1.8 MHz
Jeffrey Briggs, VY2ZM
Donor: Kenneth Byers, Jr., K4TEA

USA - 28 MHz
Bob Patten, N4BP
Donor: Wireless Institute of the Northeast

USA - 21 MHz
James McCook, W6YA
Donor: Wayne Carroll, W4MPY

USA - 14 MHz
Donald Binkley, N4ZZ
Donor: Northern Illinois DX Association

USA - 7 MHz
Bill Kollenbaum, K4XS
Donor: W6AM Memorial (Jan Perkins, N6AW)

USA - 3.5 MHz
Robye Lahlum, W1MK
Donor: Bill Feidt, NG3K

USA - 1.8 MHz
Paul Newberry, Jr, N4PN
Donor: Kat Obermann Memorial
CQ magazine

Canada (14 MHz)
VE6JY (Opr: Einar Todd Bendtsen, VE5MX)
Donor: Radio Amateurs of Canada

Carib./C.A.(14 MHz)
HI9L (Opr: Stefan Radtke, DL5XX)
Donor: Bill Hein, NT1Y

Europe - 28 MHz
Alexsander Zagar, S57S
Donor: Jay Pryor, K4OGG

Europe - 21 MHz
Ivica Matkic, T96Q
Donor: Robert Naumann, N5NJ

Europe - 14 MHz
OH6KN (Opr: Pasi Luoma-aho, OH6UM)
Donor: G3FXB Memorial (Maud Slater)

Europe - 7 MHz
Olivier Cado F6ARC
Donor: Ivo Pezer, 9A3A

Europe - 3.5 MHz
OJØB (Opr: Pertti Simovaara , OH2PM)
Donor: K3VW Memorial (Frankford Radio Club)

Europe - 1.8 MHz
SO2R (Opr: Kazimierz Drzewiecki, SP2FAX)
Donor: Pat Barkey, N9RV & Terry Zivney, N4TZ

Japan - 21 MHz
Akito Nagi, JA5DQH
Donor: DX Family Foundation

Japan - 14 MHz
Kenji Koishi, JH3AIU
Donor: Chris Terkla, N1XS

Asia – 14 MHz
H2G (Opr: George Beasley, 5B4AGC)
Donor: JA4WFM Memorial
(Alexander Teimurazov, 4L5A)

MULTI-OPERATOR, SINGLE TRANSMITTER
World
P40L (Oprs: W6LD, N7MH, KX7M, N6XI)
Donor: Anthony Susen, W3AOH

U.S.A.
KT1V (Oprs: KC1F, KT1V, KM3T)
Donor: Douglas Zwiebel, KR2Q

Canada
VE3NE (Oprs: HAØHW, VE3NZ, VE3NE)
Donor: Eastern Canadian DX Assn.

Carib./C.A.
VP2E (Oprs: KC5EA, N5AU)
Donor: Lone Star DX Association

Africa
3V5A (Oprs: YT1AD, YU1RL, YZ1BX, YU7NU)
Donor: Harry Booklan, RA3AUU

Asia
4XØG (Oprs: W3GG, WD3I, 4Z4KX, 4X6ZK)
Donor: Steve Merchant, K6AW

Europe
OM7M (Oprs: OK2BFN, OM1KW, OM2XW, OM3TZQ, OM3PA, OM5RM, OM5ZW)
Donor: Bob Cox, K3EST

Japan
JA8RWU (Oprs: JF1NHD, JO1DFG, JA8RWU, JH8PNE)
Donor: CQ magazine

Oceania - Pacific Rim
AH2R (Oprs: JI3ERV, JR7OMD, JR8VSE, JE8KKX)
Donor: Junichi Tanaka, JH4RHF

South America
5J1W (Oprs: AG9A, NN1N, K9ZO)
Donor: Araucaria DX Group

MULTI-OPERATOR, TWO-TRANSMITTER
World
IH9P (Oprs: IT9BLB, IT9VDQ, IT9ZGY, IV3SKB, I2IFT, IK2AHB)
Donor: CQ magazine

USA
K1AR (Oprs: K1AR, K1EA)
Donor: Northern Neck Contest Club

Europe
RU1A (Oprs: RU1AA, RW1AC, RK1AM, RX1AA, RA1AIP, UA1ARX, UA1ACC, UA1AKC)
Donor: Aki Nagi, JA5DQH

MULTI-OPERATOR, MULTI-TRANSMITTER
World
HC8N (Oprs: N6AN, K6AW, N7BG, K2UA, N2MG, W6NL, K6BL, N5KO)
Donor: K2GL Memorial (Doug Zwiebel, KR2Q)

USA
KC1XX (Oprs: WA1Z, K1QX, W1FV, K1GQ, N2AA, W2RQ, N3RD, KC1XX)
Donor: N6RJ Memorial (Bob Ferrero, W6RJ)

Europe
LZ9W (Oprs: LZ1UQ, LZ1ZD, LZ1PJ, LZ1ANA, LZ1PM, LZ2UZ, LZ2CJ, LZ2HM, LZ2PO, LZ2FV, LZ3UM, LZ3FN, LZ3FM, LZ5VK, LZ4UU)
Donor: Finnish Amateur Radio League

Japan
JA3YBK (Oprs: JG3KIV, JI3OPA, JP3PZD, JH3PRR, JH4NMT, JR4ISF, JF4FUF)
Donor: Ryozo Goto, JH3JYS

Oceania
ZL6QH (Opr: ZL2BSJ, ZL2IFB/G4IFB, ZL1TM, ZL1BYZ, ZL2AGY, ZL1AZE)
Donor: CQ magazine

WORLD - SSB/CW COMBINED
KC1XX (30,307,458)
Donor: WØID Alpha Award

USA - MULTI-MULTI SSB/CW COMBINED
K3LR (30,126,098)*
Donor: N8SM Memorial (Operators of K3LR)

CONTEST EXPEDITIONS
World Single Operator
3DAØNW (Opr: Michael Tessmer, K9NW)
Donor: Yankee Clipper Contest Club

WORLD MULTI-SINGLE
T88AA (Oprs: RZ3AA, UA3AB, RA3AUU)
Donor: Carl Cook, AI6V

WORLD MULTI-MULTI – Jim Neiger, N6TJ Award
R1MVC (Oprs: DL3DXX, DL5LYM, OH5NE, RA1AR, RA2FW, RA6LBS, RK3FA, RU1AS, RV1AC, RV2FW/1, RX1AX, UA1CDA, UA2FF, UA2FM, UA9XC)
Donor: Alexander Teimurazov, 4L5A

SPECIAL - SINGLE OPERATOR AWARD
World SSB/CW Combined
P40W (Opr: John Crovelli, W2GD)
34,038,802 points
Donor: Hrane Milosevic, YT1AD

WORLD ALL BAND: Under 21 years old
CT6A (Opr: Filipe Monteiro Lopes, CT1ILT)
Donor: Chuck Shinn, W7MAP

CLUB
World SSB/CW
Yankee Clipper Contest Club 291,818,776
Donor: W1WY Memorial (CQ magazine)

Non-USA SSB/CW
Bavarian Contest Club: 232,211,460
Donor: N6AUV Memorial
(Northern California Contest Club)

** Second Place*

Vlad, UN5J, placed in the top scores on 21 MHz, low power.

Dave, K1ZZ, placed in the top scores, U.S., all band, high power

ham spirit: "Everything we have achieved in the contests is the result of our friendship, as well as love for our hobby."

In the USA, the two-man team of K1AR and K1EA walked away with the trophy. Second place went to Howie's team at NY4A, and third went to Jerry's team at KØTV/1 (http://www.k0tv.com/).

Special mention is made of the fanatastic efforts of 3B8/OM3PC (http://www.vhf.sk/3b8/) and 9M2CNC (http://www.9m2cnc.com/).

The continental winners were: North America VP5W, USA K1AR, Africa IH9P, Asia 8Q7DV, Japan JF3GKE, Europe RU1A, Oceania (No Entry), South America PZ5C.

Multi-Multi

The Multi-Multi category requires a lot of pre-contest planning and work. Building a super station, recruiting good operators, and often maintaining the station from a distance are just the beginning of the preparation done by multi-multis. The top three World, Europe, and USA winners all have made a big time investment.

This 2005 winner is a familiar one. HC8N is located on the slopes of a volcanic mountain on San Cristobal island. Almost on the equator, the fine operators of HC8N always wring the most from the bands (http://www.hc8n. info/). For second place, travel over to Mali and you will find the VooDoo's operating as TZ5A. This group of friends has been active from Africa for many years (http://www.idiompress.com/books-contesting-africa.html). Third place was taken by the Caribbean Contesting Consortium: PJ2T (http://www.pj2t.org/).

The LZ9W contest station is in a small hotel called "Bardoto," located at 900 meters elevation about 60 km southwest of Sofia. The team's fine effort resulted in the #1 score in Europe (http://www.qsl.net/lz9w/). Second place went to the perennial high-scoring team of the Llmenau Contest Club, DQØQ (http://www.stud.tu-ilmenau.de/~df0hq/). Third place went to the RW2F team from Kaliningrad.

After the dust settled on the very competitive USA MM scene, Matt's team at KC1XX took the top prize (http://www.kc1xx.com/). Second place went to Tim's team, K3LR, in western PA (http://www.k3lr.com/), just edging out Frank's team at W3LPL (http://homepage.mac.com/rrucker/PhotoAlbum46.html).

The continental winners were: North America KC1XX, USA KC1XX, Africa TZ5A, Asia UP5G, Japan JA3YBK, Europe LZ9W, Oceania ZL6QH, South America HC8M.

Nodir, EY8MM, finished in the top scores on 7 MHz, high power.

Team Contesting

The number of teams this year exceeded all expectations. Take any five contesters from anywhere in the world and form a team. Why not try an intra-club competition to boost your local club score? Or take members from anywhere, as the World Wide Young Contesters have done. All you have to do is register your team before the contest and you are all set to enter the Team Contesting category. This year's CW top team is far from a group of lids!

1. **League of Distinguished Lids:** K5ZD/1, N2NT, K1DG, VE3EJ, N2IC/5 – 23,578,243.
2. **Contest Club Finland Team Mannerheim:** CT8T (OH1NOA), CU2A (OH2UA), ES5TV, OH1F (OH1MDR), OH6NIO – 22,430,326.
3. **Rhein-Ruhr Steamboats:** DJ2YA, DL3YM, GD6IA (DL2OBF), V31TM (DL1HCM), FG5BG (DL1EFD) – 19,193,264.
4. **VK-Contest Club Team Australis:** VK9AA (VK2IA), VK2IMM, VK2BAA, VK2NU, VK2GC (K5KG) – 10,320,345.
5. **PVRC Strike Team Alpha:** W4RX, N2YO/4, N4TX, K4ZW, W4EE – 9,730,412.
6. **Have CW – Will Contest:** ZS1EL, ZS4TX, VE1OP, VO1AU, K5UN – 9,108,334.
7. **SP HQ Contest Team:** HI3/SP9XCN, SP4Z, SN5M (SP5UAF), SN8F (SP8FHK) – 8,888,505.
8. **Contest Club Ontario #2:** W1AJT/VE3, VE3EY, VE3JM, VE3KZ, VE3DZ – 8,282,071.
9. **Contest Club Finland Team Finlandia:** 6Y5/OH3RB, OH5B (OH5BM), OH6AC (OH6CS), OH6KN (OH6UM), EA8/OH4NL (OH2BYS) – 6,923,754.
10. **Kaunu Technologijos Universiteto Radijo Klubas:** LY2OO, LY6ØBY (LY3BY), LY5R (LY3BP), LY6A (LY3BA), LY9A (LY2BM) – 5,451,859.
11. **World Wide Young Contesters Team #1:** 9A5K, N4YDU, GØRTN, SQ9C – 5,388,333.
12. **Florida Contest Group Team #1:** AD4Z, CW5T (K9VV), K4XS, WJ9B, WK2G – 4,124,658.

13. **Contest Club Finland Team Nurmi:** OH2LU, OH6GAW, OH6OS, OHØE (OH2MM) – 3,943,227.

14. **Florida Contest Group Team #2:** CX7TT, K1TO, K9OM, K4PV – 3,187,988.

15. **Contest Club Ontario #1:** VA3NR, VA3DX, VE3CR, VE3XD – 3,104,006.

16. **Florida Contest Group Team #4:** W4ZW, K1PT, N4EK, WD4AHZ – 3,048,446.

17. **Contest Club Finland Team Sibelius:** OHØM (OH5DX), OH2BH (OH1WZ), OH2U (ES5RR), OH5Z (OH5CW), OH6BG – 2,631,535.

18. **DXXE-1:** XE1MM, XE2AC – 2,502,982.

19. **PVRC Strike Team Omega:** NN3W, WX3B, K3WA – 1,657,856.

20. **VK Contest Club Team Southern Lights:** VK6HZ, PAØMIR, VK7GN, VK4AN – 1,538,928.

21. **World Wide Young Contesters Team #2:** MØTDG, OZ5BD, OO5ZO, CX9AU – 885,210.

22. **Contest Club Ontario #4:** VE3ZI, VE3KP, VE3HLS, VE3FH – 847,716.

23. **Florida Contest Group Team #3:** KN4Y, NA4CW, K1UM/4 – 835,750.

24. **Contest Club Ontario #3:** VE3MGY, VE3JAQ, VE3HG, VE3PL, VE3RZ – 812,585.

25. **Multi-Multi QRM:** YU1LA, YT5A (YU1EA) – 628,140.

26. **Contest Club Finland Team Sauna:** OH1ØA (OH3WW), OH1MM, OH4MFA, OH6TN – 508,598.

27. **DXXE-2:** XE1KK, XE1CT, XE1NW, XE3WAO – 278,124.

28. **Lids of the Wild Wild West:** W7AT (W7EW), K7RAT (N6TR), NØAX/7 – 257,873.

29. **Florida Contest Group Team #5:** K4CC, W4EBA, N4BP – 52,513.

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TOP SCORES

WORLD

All Band

CT3EN 12,489,525
P40W 11,100,243
8P5A 9,902,340
A45XR 9,626,226
ZD8A 8,834,449
EA8EW 8,300,250
CU2A 7,915,656
YW4D 7,717,876
ZF1A 7,335,327
6W1RW 6,942,460

28 MHz

LU1HF 363,610
CX7TT 285,798
LU6ETB 282,672
LT2H 273,258
S57S 15,808
JA6WIF 14,022

21 MHz

PT5A 1,021,776
AY8A 855,760
ZC4LI 849,400
PY2NA 789,239
4X4DZ 773,761
LT1F 710,016

14 MHz

5Z1A 1,767,150
HI9L 1,454,436
HP1/OA4WW 1,302,775
ZX5J 1,230,120
CW5T 1,173,008
OH6KN 1,119,048

7 MHz

4L8A 1,387,650
EA8/OH4NL 1,298,385
A61AR 1,197,180
KH7X 1,152,704
EY8MM 1,085,276
UA9AYA 1,002,244

3.5 MHz

CN2R 1,206,128
OJØB 608,896
OH2BH 593,922
9A9A 583,360
SN3A 581,532
S50C 467,166

1.8 MHz

VY2ZM 497,152
SO2R 234,720
OK1RF 232,185
SP3BQ 228,327
SN7Q 202,242
OHØZ 188,552

LOW POWER
All Band

V26K 6,960,084
CT9A 5,544,350
FG5BG 4,908,384
CT6A 4,730,157
HI3/SP9XCN 3,681,202
WP3C 2,938,800
C6AQQ 2,935,464
J79CW 2,553,160
EA8CN 2,548,680
9A5K 2,534,280

28 MHz

LU1FAM 155,156
LW5EE 15,840
PY1MK 13,455
LW2DX 9,361
LZ9X 8,883
K4WI 5,360

21 MHz

5H3EE 597,432
TI5X 413,056
9A7D 290,680
PJ7/K7ZUM 277,447
UN5J 228,361
IR2M 196,420

14 MHz

CN2WW 1,150,556
TI5A 639,360
9A3B 506,198
OK1FDR 440,398
G6M 430,110
DL1LH 398,848

7 MHz

TA3DD 675,176
HZ1IK 667,821
IY4W 626,202
S54A 333,540
SN3X 233,064
YU1LA 217,664

3.5 MHz

YO6EX/P 53,437
YO6ADW 43,891
W3NO 30,841
JA9XBW 10,395
CT1FNT 6,345
DC1LC 1,320

1.8 MHz

TE1W 43,524
9A3RE 36,894
RW3GB 32,504
9H3MR 32,093
OMØTT 31,727
UT1FA 27,744

QRP
All Band

P40A 4,014,648
K1TO/4 1,529,442
C6AUR 1,336,677
DK5WL 605,862
UA9SG 562,565
N8ET 553,443
OK1VBA 549,664
EA1FAQ 533,455
SM3C 402,537
RA9SO 401,024

ASSISTED
All Band

5B/AJ2O 9,445,098
VK9AA 6,878,488
W2UP/3 6,181,648
VP9I 5,528,907
DJ5MW 5,450,967
RG9A 4,983,841
OE4A 4,923,750
RX4HZ 4,923,400
K3WW 4,835,880
UW8M 4,331,040

MULTI-SINGLE

P40L 16,270,104
3V5A 14,026,738
EA8ZS 11,950,225
5J1W 11,675,367
KT1V 9,067,590
LR2F 8,377,160

MULTI-TWO

IH9P 23,649,712
8Q7DV 14,520,720
VP5W 13,454,000
WP2Z 12,969,736
RU1A 12,240,060
EA6IB 11,061,600

MULTI-MULTI

HC8N 38,368,108
TZ5A 28,747,008
PJ2T 27,392,376
KC1XX 15,825,048
LZ9W 14,318,682
K3LR 13,842,250

UNITED STATES

All Band

K5ZD/1 6,900,552
K3CR 5,287,744
N2NT 5,143,683
W1KM 4,548,425
K4ZW 4,445,562
K1ZZ 4,169,056
W9RE 3,907,904
AA1K/3 3,844,272
N2LT 3,614,850
WC1M 3,514,037

28 MHz

N4BP 6,498

21 MHz

W6YA 186,975
K4OAQ 159,372
K2BA 128,742
W7UT 99,792
K1UM/4 77,470
K4RV 45,408

14 MHz

N4ZZ 512,968
W7WA 506,550
K9OM/4 488,228
W6NV 336,447
K2AAW/9 271,123
N7CW/6 221,444

7 MHz

K4XS 600,066
N2MF 386,078
KØEJ/4 347,602
WF3J/4 101,184
K5NZ 99,946
K9CJ 98,814

3.5 MHz

W1MK 380,365
KU1CW/Ø 227,283
W5UN 201,684
K5RX 163,047
N9AG/8 160,082
N2GC 112,100

1.8 MHz

N4PN 136,653
W3GH 25,120
WF2W 18,207
KK4SI 6,720
W4EF/6 6,601
N2OO 4,477

LOW POWER
All Band

N1UR 2,129,919
WA1S 1,683,068
N5AW 1,644,186
K2PS 1,465,380
N4KG 1,153,668
W1JQ 1,073,852
K3AU 1,005,488
K4GKD 991,701
N4YDU 863,471
K1HT 834,771

28 MHz

K4WI 5,360
W9JUV 3,598
AA1ZT 2,277

21 MHz

WB4TDH 132,618
N6RV 25,550
KR2AA 21,534
K7SP 11,349

14 MHz

K2MFY 187,293
N7WA 130,196
N9XX 119,460
N4IJ 103,752
KA7T 74,008
K1EFI/3 55,762

7 MHz

KN5G 163,152
N4PSE 56,448
WA1FCN/4 49,839
W9ILY 35,409
K5MQ 31,556
K9UIY 20,448

3.5 MHz

W3NO 30,841

1.8 MHz

K1PX 5,130
K3MQ 780
KR4OW 442
W7DRA/7 407

QRP
All Band

K1TO/4 1,529,442
N8ET 553,443
N1TM 350,842
W6JTI 332,847
WA8WV 207,691
K8ZT 197,099
N8IE 147,168
NU4B 127,305
W5KDJ 88,816
NDØC 85,086

ASSISTED
All Band

W2UP/3 6,181,648
K3WW 4,835,880
W2RE 3,252,060
K5YA 3,142,958
WE3C 3,084,378
K3PH 2,834,512
KQ3F 2,400,444
K1PT/4 2,350,240
K3SV 2,211,900
W3FV 2,147,560

MULTI-SINGLE

KT1V 9,067,590
K1IR 6,441,380
K1KI 6,326,124
W2FU 5,969,292
K8AZ 5,458,329
K3OO 5,046,977

MULTI-TWO

K1AR 8,164,728
NY4A 8,012,145
KØTV/1 5,469,075
N4WW 5,248,440
NØNI 3,990,462
W8ZA 2,594,480

MULTI-MULTI

KC1XX 15,825,048
K3LR 13,842,250
W3LPL 13,790,784
N3RS 10,312,234
NQ4I 9,285,396
K1TTT 8,232,648

EUROPE

All Band

CU2A 7,915,656
CT8T 6,374,362
ER4DX 5,806,866
S50A 4,752,033
TM6X 4,290,840
GD6IA 4,158,378
MW5A 4,063,103
DL3YM 3,917,702
G3TXF 3,682,949
ES5TV 3,581,200

28 MHz

S57S 15,808
YU2A 3,895
EU3AR 3,807
RA6AFB 10

21 MHz

T96Q 570,473
9A5Y 523,260
OHØM 442,750
S50K 365,672
RZ6FA 250,305
OK1FFU 233,597

14 MHz

OH6KN 1,119,048
YZ9A 670,419
OH6AC 611,776
S57AL 580,470
SM5INC 572,976
S59ABC 572,241

7 MHz

F6ARC 959,139
OH5Z 724,592
HA8DU 711,666
OH2U 694,620
YT7A 682,136
YU7KW 672,864

3.5 MHz

OJØB 608,896
OH2BH 593,922
9A9A 583,360
SN3A 581,532
S50C 467,166
ISØN 442,986

1.8 MHz

SO2R 234,720
OK1RF 232,185
SP3BQ 228,327
SN7Q 202,242
OHØZ 188,552
GMØGAV 185,136

LOW POWER
All Band

CT6A 4,730,157
9A5K 2,534,280
EA7RM 2,039,040
LY9A 1,859,449
UA4FER 1,755,890
EA2AZ 1,754,739
UR5HAC 1,671,824
F6HKA 1,654,797
YO3APJ 1,533,672
OK2ZC 1,409,980

28 MHz

LZ9X 8,883
F8AKC 5,085
9A3VM 4,988
DL9URZ 3,360
UA6ADC 3,003
EA7GV 2,046

21 MHz

9A7D 290,680
IR2M 196,420
9A5D 186,914
OK2N 170,040
4N1N 169,717
RN6HZ 132,820

14 MHz

9A3B 506,198
OK1FDR 440,398
G6M 430,110
DL1LH 398,848
YL5W 285,246
YZ1AU 260,316

7 MHz

IY4W 626,202
S54A 333,540
SN3X 233,064
YU1LA 217,664
T94OM 210,080
ON9CTZ 208,656

3.5 MHz

YO6EX/P 53,437
YO6ADW 43,891
CT1FNT 6,345
DC1LC 1,320

1.8 MHz

9A3RE 36,894
RW3GB 32,504
9H3MR 32,093
OMØTT 31,727
UT1FA 27,744
YO2IS 26,820

QRP
All Band

DK5WL 605,862
OK1VBA 549,664
EA1FAQ 533,455
SM3C 402,537
US2IZ 381,350
OK1JOC 346,896
DF1DX 336,441
UA6LCJ 302,742
G3YMC 301,860
GW4ALG 298,196

ASSISTED
All Band

DJ5MW 5,450,967
OE4A 4,923,750
RX4HZ 4,923,400
UW8M 4,331,040
S52ZW 2,968,992
S57DX 2,940,288
OK2FD 2,841,344
YZØZ 2,771,194
DJ2YA 2,578,050
SN8F 2,444,904

MULTI-SINGLE

OM7M 8,176,644
EI7M 7,874,332
OM8A 7,850,888
G6PZ 7,406,250
OK5W 7,278,271
TM2Y 6,978,108

MULTI-TWO

RU1A 12,240,060
EA6IB 11,061,600
9A7A 10,981,728
IR4X 10,619,504
UU7J 9,047,168
HG6N 8,015,190

MULTI-MULTI

LZ9W 14,318,682
DQØQ 13,181,952
RW2F 11,960,032
DFØCG 11,592,276
YT6A 9,161,880
R1MVC 7,720,906

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
CT3EN	375/18/61	868/21/83	1707/29/103	1145/32/106	2142/34/121	183/17/50
P4ØW	350/18/57	808/22/80	1255/30/89	1854/35/110	1744/29/100	427/15/24
8P5A	449/17/58	941/23/86	1121/29/102	1566/30/99	1959/29/103	525/17/37
A45XR	227/13/53	392/23/73	1777/37/123	1597/34/120	1476/32/106	50/15/25
ZD8A	122/13/38	256/17/63	885/26/86	1070/30/104	2197/31/120	498/23/60
EA8EW	157/11/47	661/17/58	1543/25/84	1454/28/84	1636/22/76	198/18/57
CU2A	255/15/60	970/22/83	1754/27/97	1455/29/107	1782/30/108	103/14/44
YW4D	254/13/57	682/22/84	1054/27/92	1106/31/74	1267/30/106	373/17/34
ZF1A	263/15/43	543/18/72	1680/29/99	1691/33/111	1442/24/89	38/13/17
6W1RW	38/11/24	307/16/65	724/24/90	1034/31/107	1690/30/112	297/18/67

USA TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
K5ZD/1	112/17/56	789/22/92	815/29/107	1447/36/125	546/25/104	40/12/23
K3CR	103/13/50	523/22/92	502/33/104	1472/34/114	466/24/94	45/12/24
N2NT	132/15/57	668/21/91	619/28/104	1300/32/114	303/24/90	44/12/25
W1KM	138/14/52	668/19/73	544/30/103	1266/29/100	336/22/79	35/11/21
K4ZW	71/14/49	438/23/83	620/29/106	1189/32/111	453/19/85	26/10/18
K1ZZ	90/13/46	313/24/90	610/28/99	1065/31/111	333/25/100	48/13/28
W9RE	89/16/46	476/18/82	444/28/91	1141/34/113	398/25/88	38/9/22
AA1K/3	147/15/54	471/23/82	493/30/94	1193/30/105	246/22/79	35/11/21
N2LT	81/11/40	234/16/72	535/32/104	1086/34/114	393/24/88	16/6/13
WC1M	50/12/41	404/17/70	460/26/90	1334/36/114	143/20/68	23/9/20

WORLD MULTI-OPERATOR SINGLE TRANSMITTER

P4ØL	346/17/66	667/25/104	2350/36/131	1796/35/138	1672/33/121	636/19/48
3V5A	270/17/72	1606/26/94	1584/34/123	2550/36/123	1095/34/120	32/16/32
EA8ZS	192/17/66	554/23/100	1672/35/130	1145/35/140	1856/35/141	65/22/61
5J1W	83/8/19	760/23/85	2003/32/110	1554/37/121	1777/28/103	396/19/42
KT1V	111/16/76	867/29/111	1368/38/135	1492/36/142	326/29/116	35/14/35
LR2F	13/8/10	144/19/43	907/34/115	1290/36/123	2115/36/133	507/22/53

USA MULTI-OPERATOR SINGLE TRANSMITTER

KT1V	111/16/76	867/29/111	1368/38/135	1492/36/142	326/29/116	35/14/35
K1IR	86/14/66	703/25/107	652/34/131	1456/37/139	324/25/112	35/13/34
K1KI	121/16/75	667/27/108	720/35/130	1146/38/140	406/27/116	48/13/37
W2FU	80/16/63	674/27/105	519/34/126	1735/38/132	128/25/101	36/14/35
K8AZ	58/15/57	340/28/103	667/38/139	1562/38/146	184/27/108	44/14/34
K3OO	58/14/54	440/25/101	603/35/128	1333/35/133	293/25/109	27/13/25

WORLD MULTI-OPERATOR TWO TRANSMITTER

IH9P	658/19/79	1695/27/109	2930/35/138	2638/37/133	1836/37/142	239/20/53
8Q7DV	266/19/58	744/33/100	2480/38/140	1468/36/133	2037/35/133	325/23/68
VP5W	438/13/59	827/24/97	2425/34/121	2453/34/121	1987/33/122	46/15/27
WP2Z	254/11/33	796/18/81	2163/35/123	2191/36/122	2150/32/120	545/20/58
RU1A	844/28/95	1879/35/131	1924/38/151	2104/39/144	583/37/142	174/17/49
EA6IB	646/19/76	1662/28/111	1919/36/137	2096/38/135	1233/36/136	131/18/55

USA MULTI-OPERATOR TWO TRANSMITTER

K1AR	102/17/56	464/24/101	963/35/134	1910/38/143	712/27/124	33/10/23
NY4A	125/16/61	831/28/105	1192/31/117	1542/35/131	787/25/110	30/13/19
KØTV/1	107/14/56	556/26/101	759/31/127	1145/33/125	423/24/104	32/9/19
N4WW	89/14/63	279/26/101	807/35/128	1123/37/136	625/28/119	53/15/30
NØNI	92/15/44	300/27/98	520/37/127	1112/36/129	320/28/102	50/13/30
W8ZA	62/10/31	171/19/85	261/29/101	1085/36/125	203/23/83	27/7/16

WORLD MULTI-OPERATOR MULTI-TRANSMITTER

HC8N	1069/21/78	1638/31/111	3640/37/139	3525/40/157	3570/38/148	1505/29/93
TZ5A	329/16/64	638/22/87	2545/35/139	4149/39/153	3657/39/152	570/25/93
PJ2T	1000/22/89	1220/28/106	2878/37/135	3275/37/137	2522/33/133	959/21/58
KC1XX	385/21/83	1618/33/120	1418/36/142	2356/38/150	1011/32/136	141/16/45
LZ9W	883/15/71	2046/32/120	2713/37/149	2591/38/147	1255/37/146	111/19/51
K3LR	292/20/79	1100/32/121	1479/38/154	2439/38/155	677/30/123	144/16/44

USA MULTI-OPERATOR MULTI-TRANSMITTER

KC1XX	385/21/83	1618/33/120	1418/36/142	2356/38/150	1011/32/136	141/16/45
K3LR	292/20/79	1100/32/121	1479/38/154	2439/38/155	677/30/123	144/16/44
W3LPL	366/20/91	1129/31/119	1370/39/149	2135/38/157	943/31/132	194/16/45
N3RS	113/16/63	649/29/107	1368/37/144	1950/38/144	701/28/122	81/15/39
NQ4I	248/19/73	503/27/106	1191/38/147	1771/38/146	1044/30/129	165/15/36
K1TTT	190/15/66	822/26/102	872/37/134	1591/38/141	676/26/118	154/17/42

Records

On the CQWW.com web page are the all-time records for each continent and country. Setting a new record is difficult and challenging. Take a look at your country's records and choose a record you can try to beat. Congratulations to the following stations which set new world and continental records. The fantastic low-band conditions produced several records.

World: 3.5 CN2R (W7EJ), 1.8 VY2ZM (K1ZM), Q14 SU8BHI; **Africa:** 3.5 CN2R (W7EJ), Q14 SU8BHI, MS 3V5A; **Asia:** 7 TA3DD; **Europe:** ALL CU2A (OH2UA), L7 IY4W (IK4ZGO), Q14 S56A, Q7 S54AA; **Japan:** (None); **North America:** 1.8 VY2ZM (K1ZM), L14 TI5A (K2PLF), L1.8 TE1W (NØKE), A14 KP4KE; **USA:** 1.8 VY2ZM (K1ZM), Q1.8 K3BU, A14 W5MX/4; **Oceania:** 7 KH7X (KH6ND); **South America:** L1.8 PV8DX, A21 LU4DX (LU5DX), MS P40L.

Special Mention

The CQ WW is a great place to pick up new countries. Hundreds of contesters leave their QTHs and spread out across the world, heading for exotic locations. In the 2005 CW contest, 172 countries submitted logs! The total number of countries available in all the logs was 221. DXCC and WAZ are obtainable in one weekend. Thanks to the many DXpeditions and the efforts of hundreds of contesters who made the contest experience more interesting for all of us. Here are a few of the calls you probably worked:

CU2A, CU2/OH3BHL, TK/DJ9RR, J45A, J45KLN, ZB2X, J43J, J43F, GD6IA, GJ2A, LX/DL5SE, LX/DK4ARL, 9H3LEO, OJØB, OJØJ, ISØN, 9M8YY, 4W3ZZ, KH6RZ, A35TT, P40W, P40A, PS2T, ZPØR, 9Y4AA, CW5T, C6AUR, SU8BHI, KH6WW, VP9I, V31TM, FM5JC, KP4KE, D44TD, 5B/AJ2O, VK9AA, VK3KE, VK2GC, KH6/VE7AHA, ZL3TE, FY/F5IRO, PJ4M, 6Y7A, VP2E, 7XØRY, 3V5A, A52CDX, 4XØG, LX7I, T88A, AH2R, P40L, 5J1W, VP5W, IH9P, 3B8/OM3PC, 8Q7DV, BVØJ, 9M2CNC, TF4M, PZ5C, FP/K8DD, TZ5A, R1MVC, HC8N, PJ2T, 4U6ØUN, V26K, C6AQQ, C6AGY, C6AWS, 8P5A, VY2TT, ZF1A, VY2ZM, TI3M, TI5N, TI5X, TI5A, TE1W, J79CW, HI9L, HI3/SP9XCN, FG5BG, 6Y3R, HP1/OA4WW, V47/AB2RF, PJ7/K7ZUM, J88DR, HKØFD, KP2TM, KP2/K3MD, ZD8A, ZD8R, EA8EW, EA8/OH4NL, 9G5GJ, 5Z1A, CT3EN, CT9A, CN2R, CN2WW, 6W1RW, STØRM, 3DAØNW, YI9LZ, T6X, HSØZAR, OHØE, OHØM, OHØZ.

Comments

To anyone who participated in the 2005 CW contest, it was clear that conditions on the low bands were really good. The number of countries on 160 and 80 meters hit all-time highs. N4PN had 96 countries on 160! It wasn't so long ago that 96 countries on 80 was an outstanding effort.

In October of 2005, just before the SSB contest, CQ WW certificates which had been in arrears were brought up to date. Thanks to Barry, W5GN, for his support and hard work to help clear the decks.

The percentage of electronically submitted logs was again about 95%! The CQ WW Contest Committee thanks all the entrants who took the time to submit their log electronically via the CQWW robot. Your effort to submit an electronic log allows for a fairer adjudication process. No matter how small your log, please send it to the CQ WW robot. It is easy. Send your CW log to <cw@cqww.com> (SSB to <ssb@cqww.com>). Send your log in Cabrillo format, which all the logging programs will create as an output. If you did everything okay, you will get back an acknowledgment and a tracking number. This tracking number is *not* the same as the password needed to access your UBN report. We will send your password sometime in the spring. If there was something wrong with your log submission, you will get a message telling you what to do to correct the error. You can then resubmit your log to the same above addresses. If you still are having trouble, contact <questions@cqww.com> for help. We will be happy to assist you.

The CQWWCC provides many ways for an entrant to check his/her log for category, club, operator, and score accuracy long before the final results are published. The logs-received list showing your category and the UBN list listing your final score are two ways you can interact with the CQWWCC before final printing (cqww.com). Thanks to the input from several entrants, corrections were made to their final scores. All these efforts help to make the results as accurate as possible.

Please remember that receiving help to find multipliers (using the DX Summit, for example) or QSOs places you in the Assisted category. Having a person help you at your operating location places you in a Multi

EUROPE TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
CU2A	255/15/60	970/22/83	1754/27/97	1455/29/107	1782/30/108	103/14/44
CT8T	181/11/51	710/21/81	1753/32/113	1453/33/109	1205/32/100	52/14/34
ER4DX	377/8/52	840/26/96	1586/36/132	1876/37/127	313/33/104	54/8/24
S5ØA	152/16/56	766/25/73	1063/31/100	1076/32/109	658/34/93	48/18/40
TM6X	126/13/53	752/18/85	984/27/99	986/28/79	722/33/109	36/12/24
GD6IA	559/12/57	1035/21/86	1149/27/98	1286/27/90	477/28/88	79/8/25
MW5A	189/9/46	648/17/77	1029/26/96	1583/31/95	512/29/76	25/5/10
DL3YM	240/12/56	708/18/78	1129/30/109	1053/29/83	418/31/95	23/7/14
G3TXF	296/14/54	621/19/75	729/21/84	1558/31/92	358/24/70	67/11/26
ES5TV	440/19/62	764/23/81	772/27/82	1339/31/91	458/28/84	57/8/24

EUROPE MULTI-OPERATOR SINGLE TRANSMITTER

OM7M	178/21/76	882/29/114	1523/37/146	1451/35/140	610/37/139	61/18/60
EI7M	442/17/74	1448/28/107	1311/29/121	2077/36/132	914/34/121	38/8/24
OM8A	241/18/79	554/26/108	1560/38/143	1458/39/142	731/37/135	100/19/60
G6PZ	288/18/72	865/26/108	1380/33/120	1980/37/127	555/35/133	30/11/30
OK5W	176/19/73	1023/31/118	1272/38/146	1297/38/140	493/36/125	65/18/65
TM2Y	234/18/79	773/26/105	1380/36/136	1472/39/135	634/35/127	66/13/37

EUROPE MULTI-OPERATOR TWO TRANSMITTER

RU1A	844/28/95	1879/35/131	1924/38/151	2104/39/144	583/37/142	174/17/49
EA6IB	646/19/76	1662/28/111	1919/36/137	2096/38/135	1233/36/136	131/18/55
9A7A	749/17/72	1535/29/112	2357/36/141	1799/36/134	899/36/140	101/19/44
IR4X	330/16/77	1438/29/113	1854/39/137	1762/38/146	1006/36/135	83/20/62
UU7J	504/18/78	1265/29/110	2202/39/152	2000/38/145	1000/36/131	85/17/39
HG6N	494/14/69	1021/26/105	1518/36/141	1745/37/136	870/37/137	100/14/43

EUROPE MULTI-OPERATOR MULTI-TRANSMITTER

LZ9W	883/15/71	2046/32/120	2713/37/149	2591/38/147	1255/37/146	111/19/51
DQØQ	1124/20/88	2071/32/119	2676/38/154	1993/38/145	606/37/136	310/20/69
RW2F	1378/24/90	1780/28/113	2209/38/147	1953/37/136	611/36/142	161/13/52
DFØCG	827/14/72	1876/32/121	2186/38/150	1926/39/143	763/36/142	142/18/61
YT6A	586/17/74	1167/27/98	2192/38/140	2392/37/138	927/36/115	92/18/42
R1MVC	1629/21/82	2558/29/114	2235/35/113	1732/31/116	345/25/85	9/4/7

TOP SCORES IN VERY ACTIVE ZONES

Zone 3

N6CW/7.....2,509,784
W7RN.....2,265,417
K7GK.....1,902,865
K6XX.....1,406,898
W6PH.....1,288,560
W2VJN/7.....1,023,960
VE7UF.....974,700
WA7LT.....774,630
N7TT.....767,988
K7ZZ.....758,016

Zone 4

VE3EJ.....4,721,808
VC3O.....4,280,916
W9RE.....3,907,904
N2IC/5.....3,348,750
VE3EY.....3,323,781
*VE3DZ.....2,313,036
WXØB/5.....1,730,099
*N5AW.....1,644,186
KØEU.....1,596,062
*VE3JM.....1,474,083
W5VX.....1,395,456
KØSR.....1,359,694

Zone 5

K5ZD/1.....6,900,552
K3CR.....5,287,744
N2NT.....5,143,683
VY2TT.....4,966,176
W1KM.....4,548,425
K1ZZ.....4,169,056
AA1K/3.....3,844,272
VO1AU.....3,744,921
N2LT.....3,614,850
WC1M.....3,514,037

Zone 14

CU2A.....7,915,656
CT8T.....6,374,362
*CT6A.....4,730,157
TM6X.....4,290,840
GD6IA.....4,158,378
MW5A.....4,063,103
DL3YM.....3,917,702
G3TXF.....3,682,949
EA5FV.....3,116,265
GMØF.....2,491,314

Zone 15

S5ØA.....4,752,033
ES5TV.....3,581,200
OHØE.....3,534,100
OL8R.....3,137,913
OH1F.....2,822,175
9H1ZA.....2,807,872
SP4Z.....2,743,227
*9A5K.....2,534,280
YL2KO.....2,375,520
HA8A.....2,104,832

Zone 16

ER4DX.....5,806,866
RW1ZA.....2,241,296
RW3GU/3.....2,229,400
UA3QDX.....2,027,400
*UA4FER.....1,755,890
*UR5HAC.....1,671,824
RT3T.....1,443,420
UW5U.....1,399,648
UA4CCG.....1,198,880
*RN6FA.....1,175,094

Zone 25

JH4UYB.....4,160,646
JF1SQC.....2,176,850
JE1CKA.....1,880,016
JH7XGN.....1,299,293
*JH8SLS.....749,436
*JI1RXQ.....736,452
JA7DLE.....663,336
*JH2NWP.....597,402
JA1JKG.....530,140
JF3CCN.....505,042

** Low Power*

DX QRM

Most interesting adventure! Thanks for the QSOs! . . . **3DAØNW.** This is a great contest that everybody can enjoy . . . **4S7RS.** Great. First use of 5Z4LS since left Kenya in 1970. Higher bands hard work, especially with 19 hr power cut. Worked from hired car when no AC power, hand logging . . . **5Z4LS.** First time out in the low power section. The great advantage was that it kept the temperature down to a reasonable level. Good condx helped a lot here at 64 degrees north . . . **7S2E.** I'm slow on CW, tnx for QRS. I operated few hours in the afternoon on 20m with 100w and a wire vertical from Gozo Island EU-023. . . . **9H3LEO.** Nice contest from Bhutan . . . **A52CDX.** It was fun. Limited working conditions. Only a homebrew fishing rod was used during the contest, and propagation on high bands was fair. See you next year . . . **B4TB.** Contesting, beach walks, and cinnamon rolls in paradise. What a life! . . . **C6AGY.** SO2R rocked!! Tks to my father for helping with the antennas and CT1BOH for WXØB box . . . **CT6A.** Again a lot of fun! Despite the bad conditions on 10m and 15m I worked QRP-DXCC (in total 105 entities). Surprising the many U.S. and Caribbean stations who copied my QRP signal on 40m, some even on 80m! VY2ZM copied my 5 watts on 160m on first call . . . **DK5WL.** Conditions pretty good this year except 10m which was nearly dead; only some very short openings or perhaps everybody thought that the band was dead and didn't try to activate it! . . . **F6FTB.**

As disappointing as 15 was, and truly pathetic as 10 was, they were made up for by the stunning low band conditions. I have never before worked ZL or the U.S. West Coast on 80! 20 was great too, though it closed early. This contest is the high point of the operating year for many, and more fun than I have doing anything else in radio. Thank you to the committee for organising it. Thanks also to G3LET for letting me use his station for the weekend, and to everyone for the QSOs . . . **GØRTN.** Best ever CW entry for own category. If you are single operator in *any* category, you cannot receive help in *any* way from another person. The use of packet to self-spot is also against the rules. There is nothing wrong with coming across a station and spotting it, but self-spotting is against the rules. The CQ WW provides a great opportunity to work new countries and prefixes. Everyone is counting on the other person to act in an honest manner, yielding true winners in all the categories.

Thanks

Thanks to the members of the CQ WW Contest Committee. Their hard work helped to resolve submission problems, validate the winners and provided insight into many contesting topics: K1DG, K3WW, K3ZO, KR2Q, N2AA, N2NC, N3ED, N6ZZ, N9RV, W3ZZ, K1AR, KM3T, KT3Y, N5TJ, W5OV, K6AW, W5GN, and N8BJQ. The DX advisors offered advice and help to sort out problem logs: CT1BOH, EA3DU, F6BEE, G3SXW, I2UIY, JE1CKA, OH2KI, OH2MM, PY5EG, S50A, UA9BA, VA7RR, VE3EJ, RA3AUU, E21EIC. A special thanks to Dick, N6AA; Larry, N6TW; and Phil, N6ZZ, who spent countless hours to make the CQWW as accurate as possible. The CQWW uses the software developed by Tree, N6TR. Additional software provided by WT4I was used. The CQ WW records are maintained by John, N2NC, and K3EST. Barry, W5GN, helped provide software which produced the details of the final results and certificates.

Congratulations to all the winners and entrants! CU in the 2006 WW DX contests! 73, Bob, K3EST

personal record! Conditions on LF bands good, nil on 10m this time (well only few!). Need more energy, but not too bad for a 76 year old! . . . **GW3JXN.** First time with 5 watts and 3-element Yagi on 10-15-20 meters and FD-4 Windom on 40/80 meters. Amazing what can be achieved with 5 watts and a Yagi! Wonderful contest, good conditions . . . **HB9CBR.** Surprising opening on 160 near my dawn. I heard and worked many NW EU stations . . . **HSØZDJ.** Military exercises started the night before the contest and I was not permitted to use the telescopic aluminium tower, hidden in the mountains, in the area of maneuvres. Forget the Mediterranean sunshine. The rain had washed away access to the mountaintop /p operating position so I had to operate from a beach. Then a brand new IC706MkIIG (purposefully purchased for the contest) died a couple of hours after the beginning of the contest. What can i say? Cu next year! . . . **J45A.**

The openings on 10m were very limited from JA8, but we did our best especially for 80 and 20m mults as we spent more time on the bands and chased new ones. It certainly was a lot of fun. Thanks to our all operators, but me, who came all the way from JA1! . . . **JA8RWU.** Superb conditions, and a new Oceania 40m record. Aloha . . . **KH7X (KH6ND)** With only 100 watts I must say the guys had really good ears this time. USA on 80m? Wow! . . . **LA1PHA.** Great contest again. Condx were weird though. 40m never really opened towards NA and the important Caribbean mults were very hard to get. 15m produced some good mults but no run whatsoever. 10m was almost dead. Some of the mults we made on 10m were pure luck, as the signals were really weak with peaks lasting a few seconds or less. Low bands were great, with one juicy mult after the other! Happy to work you all in the contest! . . . **LN8W.** Conditions were much better than expected and working alone, set myself a slow target of 200 QSOs and was happy to achieve that comfortably and get a few new DXCC and IOTA callsigns. Looking forward to the next one already . . . **MØOIC.** My first opportunity to operate a contest from DX location. A different perspective from stateside operation, in that you are always in-demand and create a pile-up each time you call CQ. Many thanks to the members of Radio Club Peruano for their support and the use of the station . . . **OC4O (WØTT).** Super! About 3 ft fresh snow outside, a warm contest room. Best to do a relaxed contest . . . **OE8CCQ.** I am not favouring single band operations but this time even getting an 80m quaterwave vertical up was a challenging job. Sometimes the autumn stormy waves swept over the rocks. Glad to be able to give a multiplier and sometimes a new country to so many. However on single band I was badly missing the challenge and excitement of moving mults and timing the band changes. Missing those two elements one feels more like a spectator in a contest than a contester . . . **OJØB (OH2PM).** This is a special call of PI4NWG, Veron Afd. Nieuwegein. Had great fun with QRP. Thank you for a nice contest . . . **PI6ØNWG.** First CQWW CW out of W7 land, what a great time ! took my youngest son and his girlfriend with me, decided on doing a 15m, low power entry, so when the band folded, we all could go out in the evenings and check out the island nightlife! All in all, we had a great time, and will probally be back next year, but maybe a 20m effort. Need more action! . . . **PK7/K7ZUM.** Congratulations to all of the Multi-2 stations, especially EA6IB and IR4X. It's the competition from fine teams that get us fired up year after year . . . **RU1A.** Now I have reached 60 years of age but will work this contest as long as I can see, hear, or even stand up. It is great to participate in the world's largest concert! . . . **SM3C.** The team was composed of CW operators and some others who are learning the code. Once more it was a pleasure to enter in this contest even if the propagation on 10m is so poor. We missed some openings time to time but for sure we will improve the station and the operators for the next one . . . **TM4Q.**

Every time when I take part in CQWW DX I'm astonished how my weak signal (5w) is received, rather good so far. What good antennas, apparatus, and operators are there! . . . **UT5UQV.** Ah, if only it could be like this all year round! . . . **VK6HG.** 10 watts working from car! Finally battery is out and car cannot move . . . **YC3MM.** Good conditions from near Egypt. Surprised to hear two other /MMs in zone 34. Whole station (including antenna) only 8 kg! . . . **ZC4LI.**

CLUB SCORES

DX

Bavarian Contest Club	232,211,460
Rhein-Ruhr DX Association	137,816,881
Contest Club Ontario	89,723,652
Contest Club Finland	60,994,332
World Wide Young Contesters	55,965,351*
Russian Contest Club	53,255,010
Ural Contest Group (UA9)	49,328,221
Araucaria DX Group (PY5)	38,459,354
YU Contest Club	34,037,785
Chiltern DX Club (G)	31,483,424
Croatian Contest Club	30,430,809
Slovenian Contest Club	30,219,594
Tikirriki Contest Club (I)	28,600,499
Kaunas Technology Univ RC	26,003,075
Madeira Contest Team (CT3)	28,373,115
UA2 Contest Club	24,839,926
Ukrainian Contest Club	24,561,865
LBCC (OM)	22,346,871
VK Contest Club	21,546,933
SP DX Club	21,423,284
Lithuanian Contest Group	18,681,164
Crimean Contest Club	16,660,387
Maritime Contest Club (VE)	16,418,375
East Coast Canada Contest Club	14,948,556
Tartu Contest Team (ES)	14,828,198
South Ural Contest Club	13,832,681
Latvian Contest Club	13,129,172
Moscow Contest Club	12,974,496
HA DX Club	12,858,047
Low Land Crazy Contesters (PA)	12,713,087
Austrian Contest Club	12,186,398
Sky Contest Club (YU)	11,662,641
Lima Alpha Contest Club (LA)	10,361,243
KKKK (UA6A)	10,286,006
British Columbia DX Club	9,629,102
Bashkortostan DX Club (RA9W)	9,288,203
LDXG (F)	7,759,794
Tupy DX Group (PY)	7,479,378
Marconi Contest Club (I)	6,964,766
Orenburg RC (UA9S)	6,879,534
Israel ARC	6,778,396
Central Siberia DX Club (UAØA)	6,775,230
Z30M Contest Team	6,715,668
LU Contest Group	5,423,932
Kiev Contest Group	5,401,827
Lynx DX Group (EA)	5,189,908
Vrhnika Contesters (S5)	5,113,477
ATCC (EY)	5,014,930
ARUK (EX)	4,998,320
DXXE (XE)	3,671,918
GACW (LU)	3,316,046
Brimham Contest Group (G)	3,248,419
Bosnia-Herzegovinia Contest Club	3,027,197
Guara DX Group (PY7)	2,651,989
Kherson RS (UR-H)	2,536,227
Ivanovo DX Club (UA3U)	2,507,829
Top of Europe Contesters (SM)	2,475,736
Belarus Contest Club	2,467,700
Alberta Clippers (VE6)	2,404,949
Yamal Radio Club (UA9K)	2,387,128
Kemerovo Radio Club (UA9U)	2,005,562
Danish DX Group	1,957,391
Moscow City Radio Club	1,948,382
Fox Contest Club (YU)	1,828,564
Radio Club Costa Rico	1,822,807
Akmolinskiy Radio Club (UN)	1,793,681
Perm Club (UA9F)	1,492,910
Temirtau Contest Club (UN)	1,253,574
MRC (UA6Y)	1,237,266
Bristol Contest Group (G)	1,214,087
Omsk Region RC (UA9M)	1,205,573
Amsterdam DX Contest Club	1,133,980
Uirapuru DX Club (PY8)	1,126,156
South German DX Group	1,124,536
YO DX Club	1,079,302
ALRS (UA1)	1,073,170
Banat DX Group (YU7)	1,064,712
YO5KAD Club	1,002,170
Koryazhma DX Company (UA1O)	995,542
SP Contest Club	888,907
Siam DX Group	850,170
Belokranjec Club (S5)	801,063
Argo (US-I)	810,697
Parma Club (UA9X)	721,982
Serpuhov Radio Club (UA3D)	666,563
Bracknell ARC (G)	643,366
Czech Contest Club	592,059
Dozen Dashes Contest Club (OM)	579,457
RAST (HS)	576,036
ARM (ER)	553,178
RZ4AWA Club	448,825
Novio Magum DX Group (PA)	395,265
Radiosporting Team Vaaj (OH6)	361,076
Radio Club Vologna (UA1Q)	361,054
LKK (UR-W)	331,711
Podolsk Radio Club (UA3D)	326,479
Kirov RC (UA4N)	280,245
Kamchatka RC (UAØZ)	279,611
YO2KAR Club	276,846
Orel (UA3E)	240,805
Tokyo International ARA	235,174
Vladimir Radio Club (UA3V)	228,262
GM DX Group	200,778
Shakhan Contest Club (UA6A)	124,235
Amur (UAØC)	121,626
Paper DXers (JA)	109,657
University of Tokyo Contest Club	106,152
Parnu RC (ES8)	51,851
YU DX Club	47,493
SP5PSL Club	44,478
Nikolaev (UR-Z)	30,164

**Listed for completeness, however, not within Club rules.*

USA

Yankee Clipper Contest Club	291,818,776
Frankford Radio Club	270,969,017
Potomac Valley Radio Club	145,414,737
Southern California Contest Club	65,457,881
Northern California Contest Club	53,588,712
North Coast Contesters (W3)	53,368,416
Central Arizona DX Association	53,027,550
Florida Contest Group	42,559,145
Mad River Radio Club (W8)	33,779,344
Southeast Contest Club (W4)	28,873,413
Society Midwest Contesters	27,551,622
Tennessee Contest Group	24,921,750
Minnesota Wireless Association	24,589,534
Western Washington DX Association	24,147,713
Central Texas DXCC	20,800,555
Hudson Valley DXCC	19,422,409
North Texas Contest Club	18,999,112
Willamette Valley DX Club (W7)	12,308,355
Rochester DX Association (W2)	9,419,809
Grand Mesa Contest Club (WØ)	5,664,364
Mother Lode DXCC (W6)	4,097,659
Kentucky Contest Group	3,431,264
CT RI Contest Group	3,080,490
Low Country Contest Club (W4)	2,971,014
Spokane DX Association	2,847,214
Utah DX Association	2,082,821
Albuquerque DX Association.	1,476,745
North Carolina DXCC	1,357,059
Salt City DX Association (W2)	1,342,144
Texas DX Society	1,074,626
Order of Boiled Owls of NY	940,321
Northern Illinois DX Association.	906,393
Carolina DX Association.	862,007
Central Oregon DX Club	826,934
Bay Area Wireless (W9)	824,333
Northern Arizona DX Association	795,538
Utah's Dixie DX & Contest Club	649,752
Kansas City DX Club	599,357
Northeast Wisconsin DX Club	586,723
South Jersey DX Association	576,514
West Park RadioOps (W8)	534,441
Bergen ARA (W2)	524,114
Southeastern DX Club	343,924
South Texas DXCC	302,255
Western NY DX Association	216,397
Metro DX Club (W9)	150,374
Florida DXpedition Group	73,962
Redmond Top Key Contest Club (W7)	19,059
Caribbean Contesting Club (W7)	8,283

USA QRM

Lost AC power 2 hours before the end of the contest, so I missed the part I like the most. Other than that the bands were great and had a great time making a lot of contacts. Thanks to everyone who gave me a call . . . **AD5VJ.** Thanks to Jeff, K4JNY, and Scott, W4PA, for letting me play with the toys. Always a great contest! . . . **KØEJ.** Had a great time on the low bands . . . **KØRF.** Only operated a few hours because I had family visiting from out of town. Worked some rare DX from SE Asia late on Sunday, but never heard the 4W3ZZ, which would have made DXCC 330 for me . . . **K1KD.** Special thanks to PZ5C, YLØA, and others who would not give up pulling my callsign out of the noise. Stations should get bonus points for taking the extra time to work the low power stations . . . **K2TA.** Amazing low bands. Never would have expected to make so many QSOs on 80m! . . . **K5ZD.** Climbing the tower in a snow storm to fix a cable was a welcome break . . . **KE2WY.** Like pulling teeth to get some QSOs, but then got 5Z1A on one call. Go figure these weird cndx these days! . . . **KS7T.** Great low band conditions! JA's S9 on 80, wow! . . . **KTØR.** My best time was when I was close to dozing off Saturday night, the dial slowly turning in sleepy fingers, then OJØB! No pileup! Two calls and they were mine, then just down the dial a short piece R1MVC, the same, no pileup! Okay, so not everything was perfect, as couldn't land 8Q7DV (sigh) . . . **N2WN.** Amazing what you can score when you actually have time to operate! My highlights were contacting 5Z1A on the first try and working HC8N on four bands (including 40, which is surprising given my low power rig and dipole up around 30 feet!) Hopefully I'll be able to improve on my score in the years to come! . . . **N4HXI.** Great time, proving that 100w + homebrew ground mounted 20m vertical and limited operating time can bust into pileups (Mali and Kenya) . . . **W2BEE.** Got amp working 1 hour before contest. Whew! That was close . . . **W3HVQ.** Only QRM was the RFI from my son's plasma TV. It's gotta go! . .. **W5LEW.** Somehow I got it in my head to operate in major contests using only homebrew valve equipment. I had three breadboards connected together for the transmitter and another three for the receiver. The equipment worked well; it was the antennas that were poor. 30 to 50 mile na hour winds and driving rain. So much for antennas . . . **W7DRA.** Just a few hours to play on low bands. Nice to hear the Caribbean coming in so well . . . **WO9S.** Casual holiday weekend event, good fun, and good to see 20m and low bands so good! . . . **WX3B.**

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 bold. (All country terminology reflects the DXCC list at the time of the contest.)

2005 CW RESULTS
SINGLE OPERATOR
NORTH AMERICA

UNITED STATES

K5ZD/1	**A**	**6,900,552**	**3749**	**141**	**507**
W1KM	**"**	**4,548,425**	**2987**	**125**	**428**
K1ZZ	**"**	**4,169,056**	**2459**	**134**	**474**
WC1M	"	3,514,037	2414	120	403
K1DG	"	3,463,450	2326	125	440
W1WEF	"	3,428,532	2402	115	409
K5MA/1	"	1,941,708	1643	99	327
AA1ON	"	1,915,208	1709	104	320
K1NQ	"	1,187,122	1132	94	300
W1AA	"	823,109	751	97	316
W1ECT	"	692,736	740	85	267
K1RU	"	681,462	905	79	210
KQ2M/1	"	640,485	1105	55	160
W1RZF	"	412,830	589	71	226
W1ZT	"	303,044	432	68	206
W1FM	"	279,524	425	68	200
N3KCJ/1	"	263,529	435	66	201
WA1T	"	237,244	349	64	195
W3IZ/1	"	212,364	410	70	236
W1ZK	"	202,686	314	72	177
W1TO	"	103,930	217	54	136
W6KOK/1	"	84,816	206	51	135
W1ZS	"	70,176	198	35	101
W1WFZ	"	57,824	177	42	97
N1KWF	"	1,120	15	13	15
W1OHM	14	8,802	79	15	39
K3FN/1	**7**	**83,479**	**266**	**30**	**106**
W1MK	**3.5**	**380,365**	**1138**	**28**	**99**
W1HI	"	42,686	189	18	78
W7OT/1	"	27,571	147	14	65
***N1UR**	**A**	**2,129,919**	**1746**	**102**	**371**
***WA1S**	**"**	**1,683,068**	**1310**	**105**	**362**
*W1JQ	"	1,073,852	927	94	334
*K1HT	"	834,771	789	92	289
*W2JU/1	"	727,112	706	87	301
*W1EQ	"	613,664	735	71	231
*WA1LNP	"	588,665	633	87	298
*N1DC	"	395,063	542	69	220
*K1EP	"	386,130	511	75	230
*K1IB	"	346,086	483	74	232
*W1KT	"	301,928	402	72	220
*K1SE	"	271,679	398	64	199
*N1PGA	"	224,775	407	59	166
*K1VSJ	"	221,792	355	61	171
*K1ZE	"	165,375	284	59	166
*AK1Q	"	133,352	303	56	155
*AE1T	"	115,379	239	53	134
*KB1T	"	115,374	241	57	144
*K2KQ/1	"	112,435	216	55	144
*W1END	"	101,728	214	49	138
*N1DS	"	82,984	225	53	131
*W1BYH	"	74,620	198	63	142
*K1BD	"	51,612	169	43	95
*K1KAV	"	45,724	120	46	96
*AE1D	"	38,194	138	34	79
*KD6NA/1	"	28,500	86	41	84
*AA1TV	"	19,116	94	21	60
*KA1VMG	"	580	22	12	17
***AA1ZT**	**28**	**2,277**	**44**	**10**	**23**
***K1PX**	**1.8**	**5,130**	**62**	**11**	**27**
N2NT	**A**	**5,143,683**	**3066**	**132**	**481**
N2LT	**"**	**3,614,850**	**2345**	**123**	**431**
W2RU	"	2,401,152	1847	107	374
K2TW	"	2,114,439	1736	101	342
N2MM	"	1,821,625	1589	114	361
W2LC	"	1,817,436	1532	105	348
K2NV	"	1,701,776	1236	113	383
WE2F	"	1,292,238	1593	74	232
N2RM	"	1,191,630	1300	82	248
K2FU	"	986,309	865	91	346
W2YK	"	736,950	648	91	334
K2XF	"	590,769	612	83	286
AJ3K/2	"	521,248	543	96	268
K2UOP	"	477,819	561	88	259
WA2VYA	"	447,535	563	92	268
N2ED	"	370,856	539	85	222
KA2MGE	"	322,620	434	79	204
N2MR	"	289,157	401	70	201
KE2WY	"	272,052	394	83	214
K2UG	"	139,494	352	78	269
				(OP:	WA2JQK)
WB2HJV	"	139,490	296	57	128
KW2J	"	132,486	285	55	155
W2TN	"	131,157	327	71	176
WB2TPS	"	64,962	152	46	116
W2FUI	"	59,845	165	44	116
N2VM	"	20,298	117	32	70
K2SQS	"	17,745	77	35	70
WB2JEP	"	12,727	93	31	58
K2BA	**21**	**128,742**	**380**	**25**	**104**
N2MF	**7**	**386,078**	**1002**	**34**	**127**
N2GC	**3.5**	**112,100**	**356**	**23**	**95**
K2TA	"	33,180	158	12	67
WF2W	**1.8**	**18,207**	**196**	**12**	**51**
N2OO	"	4,477	50	8	29
K2YR	"	1,232	20	7	15
***K2PS**	**A**	**1,465,380**	**1258**	**99**	**321**
*NT2A	"	498,385	577	83	296
*NC2N	"	430,122	503	79	264
				(OP:	EW1AR)
*WB2AA	"	381,193	488	71	222
*K2EK	"	360,678	507	65	217
*AI2N	"	295,475	432	65	200
*K2UF	"	258,263	383	63	208
*KU2N	"	230,160	371	60	180
*W2GDJ	"	200,704	337	62	162
*WB2WPM	"	184,005	329	64	171
*WA2YSJ	"	179,169	334	64	184
*W2CVW	"	168,586	285	69	206
*KM2L	"	119,751	260	48	131
*AK2P	"	113,953	234	62	161
*K2CS	"	93,034	211	54	127
*W2TZ	"	90,900	236	37	113
*W2BEE	"	66,176	214	35	93
*W2NRA	"	46,357	122	49	102
*WW2P	"	32,860	110	43	81
*N2ZN	"	32,010	117	37	73
*K2YLH	"	29,520	112	41	79
*AI2I	"	20,748	98	38	76
*K2TV	"	19,548	110	34	74
*WA2MCR	"	7,622	75	25	49
*K2MK	"	4,428	49	15	26
*N2EK	"	3,174	29	18	28
*NA2NA	"	750	18	10	15
*WA2BMH	"	0	0	0	0
*KR2AA	21	21,534	134	17	57
***K2MFY**	**14**	**187,293**	**489**	**29**	**120**
*KC2KME	"	437	17	8	15
K3CR	**A**	**5,287,744**	**3111**	**138**	**478**
				(OP:	LZ4AX)
AA1K/3	**"**	**3,844,272**	**2585**	**131**	**435**
W3BGN	**"**	**3,431,878**	**2293**	**124**	**423**
N3AD	"	3,183,210	1920	134	492
N3AM	"	1,647,756	1438	94	324
KF3B	"	1,501,360	1464	90	302
K3ZZ	"	1,484,795	1428	103	328
N3UM	"	1,176,672	1235	81	276
K3TC	"	1,018,584	946	99	324
W9GE/3	"	645,660	604	91	331
K3WI	"	614,790	684	75	270
W3PT	"	501,847	485	92	341
W3IQ	"	386,687	582	61	198
N3KR	"	359,856	461	66	228
N3RJ	"	337,243	579	76	217
N3ST	"	320,334	504	67	196
K3TM	"	215,866	350	60	178
W3RJ	"	209,721	489	42	117
W3KV	"	190,694	380	54	166
W3DF	"	184,992	287	68	178
W4ZE/3	"	184,728	301	61	197
W3HVQ	"	120,120	306	57	153
K2LNS/3	"	85,305	224	41	100
WM3O	"	3,450	35	21	29
WA3AAN	**14**	**89,609**	**305**	**23**	**90**
NJ3C	"	17,686	112	18	56
W3FQE	"	2,112	57	12	32
K3GW	**7**	**39,372**	**162**	**24**	**78**
N3RW	"	30,783	161	21	72
K3JGJ	**3.5**	**66,229**	**258**	**18**	**85**
NA3M	"	53,500	203	22	85
NS3T	"	15,075	116	12	55
K3WGR	"	1,050	54	8	34
W3GH	**1.8**	**25,120**	**154**	**17**	**63**
***K3AU**	**A**	**1,005,488**	**984**	**90**	**304**
				(OP:	K2YWE)
*WW3S	"	432,866	476	93	250
*K3MSB	"	320,665	426	73	222
*W3IUU	"	193,856	313	66	167
*K3ASK	"	172,317	440	54	159
*N3HCN	"	154,125	295	63	162
*N3WT	"	130,269	274	46	127
*W3AP	"	89,544	232	56	126
*K3STX	"	66,993	161	46	117
*AB3AI	"	56,518	153	50	104
*WR3H	"	52,734	168	43	98
*K3CB	"	17,632	178	42	110
*N3NZ	"	14,630	97	26	51
*AE3J	"	5,467	61	33	44
*K3QC	"	5,160	38	24	37
***K1EFI/3**	**14**	**55,762**	**204**	**20**	**78**
*K3VA	"	50,160	212	18	70
*N3GE	7	120	10	4	6
***W3NO**	**3.5**	**30,841**	**144**	**16**	**76**
***K3MQ**	**1.8**	**780**	**95**	**8**	**22**
K4ZW	**A**	**4,445,562**	**2797**	**127**	**452**
N2YO/4	**"**	**3,298,482**	**2581**	**118**	**368**
N4GN	"	2,089,464	1423	131	412
W4RX	"	1,917,770	1513	119	374
K3ZM/4	"	1,795,380	1520	106	354
K4RO	"	1,730,898	1353	116	391
WJ9B/4	"	1,481,827	1639	99	284
K4SV	"	1,131,944	1025	100	318
K1GU/4	"	1,068,960	975	101	307
W4QM	"	1,059,312	870	106	358
N4TB	"	1,019,676	916	103	324
W9WI/4	"	979,116	878	101	316
W6NWS/4	"	924,148	772	105	358
KU8E/4	"	923,680	826	110	350
AA4NN	"	913,800	1400	72	228
K4PV	"	884,520	1156	95	269
K4LTA	"	812,890	955	83	287
W4RQ	"	804,807	753	96	305
AF4OX	"	710,102	848	88	271
N4XM	"	691,076	738	96	298
N4MM	"	675,157	695	102	322
NA4K	"	670,194	674	96	298
N4AA	"	657,248	626	83	293
K4DJ	"	648,976	644	93	283
W4FDA	"	570,078	517	104	310
WØUCE/4	"	490,912	568	81	287
WA4JUK	"	387,600	577	71	214
KR4M	"	338,542	430	86	216
W2OO/4	"	325,725	446	83	220
NW6S/4	"	274,822	426	61	213
W4RK	"	189,484	392	67	187
AA4CF	"	183,983	298	73	178
N4PD	"	170,391	329	53	168
KE4COH	"	163,779	299	70	161
K4ZGB	"	155,606	298	72	170
W2YE/4	"	155,271	276	62	157
W4ARM	"	144,305	261	58	159
K7CS/4	"	136,927	265	62	155
N4IR	"	130,400	250	53	147
W7QF/4	"	99,064	200	61	142
KØCOP/4	"	86,346	340	50	112
K4CEB	"	83,277	189	53	118
K6ETM/4	"	65,828	211	54	116
W4EI	"	56,448	184	43	101
N2AN/4	"	49,368	147	39	93
				(OP:	WC4E)
W4PRO	"	46,053	135	46	107
K4APG	"	41,700	119	42	97
NE4M	"	33,966	120	35	76
W4EEH	"	25,602	94	32	70
W4/AH6HJ	"	19,140	109	43	73
N4TX	"	18,836	110	25	62
WA4GLH	"	8,732	99	33	41
K4CC	"	5,715	50	11	34
N4BP	**28**	**6,498**	**121**	**13**	**25**
K4OAQ	**21**	**159,372**	**517**	**25**	**89**
K1UM/4	"	77,470	284	26	101
K4RV	"	45,408	141	28	104
N4ZZ	**14**	**512,968**	**1292**	**33**	**115**
K9OM/4	**"**	**488,228**	**1179**	**36**	**128**
K4RDU	"	103,334	301	27	95
N2TU/4	"	91,008	272	27	101
W4ZYT	"	72,048	254	25	89
K4XS	**7**	**600,066**	**1489**	**36**	**117**
KØEJ/4	**"**	**347,602**	**1054**	**33**	**118**
WF3J/4	"	101,184	306	27	97
N4NW	"	83,212	278	32	110
AA4VV	"	78,804	256	27	105
K4SB	"	28,614	160	29	85
AD4Z	**3.5**	**79,492**	**283**	**25**	**94**
N2WN/4	**"**	**74,368**	**263**	**22**	**90**
N3UA/4	"	58,266	211	23	94
K4DLJ	"	12,596	83	12	55
N4GU	"	1,209	26	9	22
N4PN	**1.8**	**136,653**	**581**	**27**	**96**
KK4SI	"	6,720	75	13	43
***N4KG**	**A**	**1,153,668**	**863**	**121**	**387**
***K4GKD**	**"**	**991,701**	**833**	**103**	**336**
*N4YDU	"	863,471	957	96	325
*WK2G/4	"	790,265	1134	87	250
*WA4DOU	"	567,756	602	91	287
*NA4CW	"	566,352	588	93	275
*K4OGG	"	565,796	675	81	253
*W4YE	"	539,231	620	82	247
*AA4FU	"	461,942	538	77	249
*K7CMZ/4	"	427,752	542	79	233
*K4IE	"	417,360	598	80	202
*WØAH/4	"	405,600	567	86	252
*K4MF	"	328,770	452	72	209
*K4FPF	"	313,233	458	65	198
*W4TAA	"	310,440	597	83	229
*WD4AHZ	"	251,850	401	60	170
*KN4Y	"	191,928	364	72	192
*N3JT/4	"	182,204	338	56	146
*N4EK	"	172,056	313	58	156
*KI3O/4	"	169,592	301	62	170
*AE4Y	"	120,204	235	57	155
*AA4LR	"	109,564	250	55	141
*KS4S	"	108,790	238	61	154
*K4KO	"	98,050	210	60	125
*W4UR	"	79,937	213	57	125
*K4DGJ	"	77,149	191	51	128
*N4WO	"	66,924	192	50	119
*N4HXI	"	55,233	165	45	108
*K1AA/4	"	55,152	156	47	97
*K4GMH	"	52,920	176	37	98
*KT4PD	"	45,584	150	46	102
*AI4CB	"	45,474	120	42	101
*WA4RTE	"	45,276	162	36	96
*N4WD	"	42,028	140	56	102
*W4EBA	"	40,300	142	40	90
*KU5D/4	"	36,630	255	49	116
*N4DXI	"	35,960	127	37	87
*KI4VB	"	32,604	119	45	87
*K4JAF	"	32,430	113	46	92
*W3TB/4	"	32,256	116	38	74
*AI4U	"	29,283	172	43	86
*WA4OSD	"	28,272	111	37	77
*AA4KD	"	25,389	126	39	78
*W4PFM	"	24,698	105	40	66
*K3MZ/4	"	23,220	100	35	73
*W4TDB	"	21,168	91	37	71
*N4UH	"	20,544	86	36	60
*K4BX	"	19,800	97	31	57
*K4LW	"	15,756	78	26	52
*N4JED	"	15,725	83	30	55
*N4NTO	"	13,608	71	28	53
*NN4DF	"	10,875	73	28	47
*WA4JQS	"	10,395	61	30	47
*KE4S	"	8,284	55	31	45
*WB4DNL	"	7,194	51	29	44
*W4OGG	"	5,448	47	21	33
*K8AJS/4	"	4,263	34	17	32
*AI4JW	"	4,116	44	21	28
*WA4FXX	"	2,460	28	16	25
*KA4AXS	"	1,260	29	9	21
*AJ2U/4	"	950	22	10	15
*W4BCG	"	888	17	8	16
*K4FTO	"	450	71	30	45
*K4OH	"	100	90	34	61
*AE4EC	"	100	42	21	33
***K4WI**	**28**	**5,360**	**56**	**12**	**28**
***WB4TDH**	**21**	**132,618**	**350**	**28**	**110**
***N4IJ**	**14**	**103,752**	**331**	**29**	**102**
***N4PSE**	**7**	**56,448**	**219**	**24**	**74**
*WA1FCN/4	"	49,839	205	27	84
*W9IXX/4	"	7,865	87	16	49
*KC4WQ	"	7,112	54	16	40
*WA2ASQ/4	"	5,624	57	13	35
*K4GM	"	2,280	28	8	22
***KR4OW**	**1.8**	**442**	**41**	**11**	**23**
N2IC/5	**A**	**3,348,750**	**2219**	**149**	**421**
WXØB/5	"	1,730,099	1677	117	322
				(OP:	AD5Q)
W5VX	"	1,395,456	1091	136	416
N5DO	"	1,180,472	981	123	349
N9MM/5	"	1,065,672	830	118	374
W5ZO	"	567,600	598	105	295
WD7Z/5	"	379,522	604	80	206
N5PA	"	307,260	430	67	203
W6TER/5	"	304,515	429	80	223
W6PU/5	"	301,688	450	93	204
N5ZK	"	259,752	415	75	199
				(OP:	W5ASP)
W5KI	"	179,336	299	62	170
W5WRL	"	100,854	296	71	163
NI5F	"	67,134	159	62	105
KD5JAA	"	48,824	151	48	88
K7IA/5	"	36,031	132	53	84
N5DEE	"	31,116	110	43	80
WA5Y	"	22,116	86	36	61
WT5U	"	17,415	93	24	57
N5PU	"	3,658	45	25	37
AD5Q	"	6	1	1	1
K5NZ	**7**	**99,946**	**316**	**29**	**92**
N5ZM	"	18,336	73	28	68
W5UN	**3.5**	**201,684**	**548**	**32**	**115**
K5RX	"	163,047	466	30	109
WS1L/5	"	5,141	55	15	38
W5GZ	"	1,560	29	11	15
***N5AW**	**A**	**1,644,186**	**1184**	**134**	**400**
*WD5K	"	709,365	693	97	296
*K5KLA	"	685,884	693	92	274
*N5PO	"	462,072	563	85	227
*N5CHA	"	218,828	384	63	164
*WA5SOG	"	147,630	290	63	147
*K5GM	"	132,458	268	69	137
*W5TM	"	56,826	172	53	101
*AD5MN	"	46,704	153	47	92
*K5WX	"	43,605	139	59	94
*K5SF	"	32,226	110	46	77
*K5WW	"	22,984	100	41	63
*W5PQ	"	17,922	100	33	54
*KE3D/5	"	17,710	79	42	68
*NA4M/5	"	11,830	68	22	48
*K5JJ	"	6,468	74	33	51
*KE5AQD	"	6,039	52	22	39
*WØZW/5	"	5,546	36	25	34
*W5GAI	"	5,408	41	21	31
*W4DLZ/5	"	1,862	32	17	21
*N5KEV	"	100	22	16	16
***KN5G**	**7**	**163,152**	**452**	**33**	**111**
*K5MQ	"	31,556	149	21	71
K6XX	**A**	**1,406,898**	**1258**	**131**	**292**
W6PH	"	1,288,560	1090	127	328
K6KM	"	616,986	895	102	200
				(OP:	AD6TF)
W6UM	"	591,376	593	105	263
K6LRN	"	368,637	476	104	205
N6MA	"	356,934	560	94	209
N6EM	"	137,196	330	78	128
N6TV	"	122,958	229	72	135
K6RB	"	116,613	248	72	117
K6III	"	103,000	199	73	133
WO6M	"	101,480	240	65	107
NF6V	"	95,700	246	54	111
K6NR	"	76,382	170	74	107
AJ6V	"	49,210	163	50	83
N6NIA	"	31,392	118	43	66
W6KC	"	18,700	88	37	63
W6OUL	"	10,872	63	26	46
WA6BOB	"	9,088	55	28	36
KI6CK	"	3,483	44	19	24
K6OGO	"	2,010	25	14	16
W6QE	"	1,615	65	37	48
W6YA	**21**	**186,975**	**542**	**30**	**105**
K6KO	"	512	12	6	10
W6NV	**14**	**336,447**	**942**	**36**	**117**
N7CW/6	"	221,444	514	41	125
W6DCC	"	55,404	237	28	80
W6NKR	"	49,152	195	26	70
N6AW	**7**	**91,500**	**252**	**35**	**115**
AE6PP	"	79,894	526	29	57
				(OP:	OH1VR)
K6OY	**3.5**	**94,116**	**398**	**35**	**89**
W4EF/6	**1.8**	**6,601**	**81**	**14**	**27**
K6SE	"	2,015	30	12	19
***KM6Z**	**A**	**200,925**	**382**	**80**	**145**
*N6TW	"	182,628	330	74	154
*W6RCL	"	168,720	349	69	121

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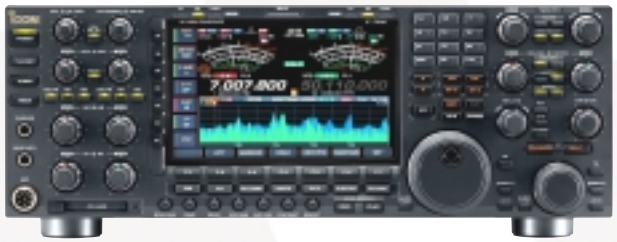

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*AA6EE	"	101,550	262	65	116
*AC6WY	"	81,686	239	63	95
*W6RFF	"	70,446	185	71	106
*N6YEU	"	61,306	159	53	98
*N6NG	"	51,766	162	49	94
*N3LQ/6	"	21,712	94	39	53
*NK6A	"	20,655	105	33	52
*KQ6ES	"	14,904	84	32	40
*N6RV	21	25,550	146	20	53
*K6CU	14	13,248	69	22	50
*KU6T	"	3,731	55	15	26
*W6PAP	7	19	4	1	1
N6CW/7	A	2,509,784	1715	144	412
W7RN	"	2,265,417	1685	145	394
					(OP: KL2A)
K7GK	"	1,902,865	1686	129	302
W2VJN/7	"	1,023,960	932	132	292
WA7LT	"	774,630	993	106	236
N7TT	"	767,988	910	106	245
K7ZZ	"	758,016	1133	93	195
K7ZA	"	626,202	685	108	234
K7BG	"	479,544	587	95	223
W7YS	"	267,786	404	84	177
N7RO	"	241,722	412	79	155
W7VJ	"	181,560	417	59	111
N7BF	"	137,416	290	64	129
K7LAZ	"	124,914	249	75	143
W7QN	"	95,880	242	62	108
W7IIT	"	86,361	247	50	105
N8GZ/7	"	79,335	221	84	131
K7RX	"	64,527	201	45	92
WO7T	"	48,015	147	55	110
KS7T	"	40,950	138	46	80
NW7DX	"	12,265	112	26	29
N6SS/7	"	6,909	62	19	28
W8TK/7	"	5,040	36	21	27
K8LJK/7	"	864	13	11	13
					(OP: W8TK)
N7CIX	"	10	3	3	3
W7UT	21	99,792	327	27	85
W7WA	14	506,550	1120	38	127
W7AYY	"	16	8	20	0
W6XI/7	7	51,156	191	32	94
K7RAT	3.5	75,915	350	27	78
					(OP: N6TR)
W8AEF/7	"	46,640	225	25	81
W7AT	1.8	2,544	71	11	13
					(OP: W7EW)
***N7ZG**	A	258,630	458	72	150
***W7QDM**	"	179,850	355	71	147
*NØAX/7	"	179,444	312	76	150
*W3CP/7	"	134,550	268	68	127
*NQ7R	"	123,024	268	83	150
*W6AEA/7	"	111,758	254	60	113
*NC7M	"	105,468	247	61	126
*N7OR	"	104,935	255	49	106
*AB7RW	"	89,700	242	48	102
*W7TMT	"	63,468	203	48	81
*W7YAQ	"	38,528	134	44	68
*W7HS	"	31,633	125	53	76
*N7YY	"	28,270	172	34	76
*KC7UP	"	27,170	106	37	73
*W7ZMD	"	25,110	122	32	58
*K6CSL/7	"	23,996	119	41	66
*N6KW/7	"	23,300	97	41	59
*K2DI/7	"	22,278	107	39	55
*W7SYJ	"	22,248	117	41	67
*NB7F	"	17,100	85	31	45
*K7AWB	"	17,028	89	39	47
*K7ARJ	"	16,974	104	33	49
*NI7R	"	15,288	77	32	46
*WA2OCG/7	"	12,671	76	32	47
*NE7L	"	11,792	82	32	56
*KT7G	"	9,398	75	30	44
*W7GTO	"	8,052	64	28	38
*K7TR	"	5,852	105	31	46
*KN7T	"	3,306	37	17	21
*K7FU	"	3,128	34	16	18
*N7EIE	"	2,720	34	16	16
*W7TSQ	"	1,131	31	18	21
*N7WI	"	276	17	12	11
*AA7PM	"	100	78	25	36
*K7SP	21	11,349	79	20	45
***N7WA**	14	130,196	418	31	90
*KA7T	"	74,008	268	27	89
*KA7FEF	"	2,318	97	12	17
*W7DRA/7	1.8	407	21	6	5
K8IR	A	543,655	616	88	255
W8TWA	"	422,237	498	81	232
N8EA	"	343,140	462	78	223
N8MZ	"	340,544	427	82	231
N8NB	"	155,857	316	57	190
W8PN	"	128,924	278	53	140
N8II	"	37,830	154	20	77
N8OL	21	14,912	87	17	47
N9AG/8	3.5	160,082	492	27	104
K8MD	"	41,184	215	20	79
K8DO	"	20,303	134	17	62
K3XO/8	"	19,866	116	10	56
K8KFJ	"	6,860	53	12	37
N8XP	1.8	140	57	7	13
***KV8Q**	A	484,946	646	80	249
***WB8YJF**	"	398,160	587	77	203
*WB8JUI	"	261,885	399	67	188
*W8GOC	"	239,343	384	69	178
*K8GT	"	196,533	312	72	179
*K9ALP/8	"	190,242	321	61	173
*WB8TLI	"	137,196	257	55	151
*W8IDM	"	120,474	237	63	144
*W8MV	"	117,670	251	58	147
*W8OP	"	112,608	266	58	146
*K8LY	"	83,200	206	61	147
*WD8S	"	81,532	203	46	141
*KD8RB	"	54,978	178	31	88
*K8AB	"	50,832	157	49	95
*W8WT	"	45,962	135	35	99
*N8UZE	"	32,718	108	41	82
*N8OH	"	32,526	108	40	77
*K8VUS	"	22,356	128	20	61
*KF8HR	"	13,104	62	28	56
*K8MJZ	"	9,880	63	27	49
*K8IW	"	9,310	56	26	44
*AF8C	14	100	13	5	10
W9RE	A	3,907,904	2586	130	442
NØIJ/9	"	1,249,738	1180	105	308
W9MU	"	1,051,884	912	110	369
WI9WI	"	601,263	696	86	265
W9SE	"	445,374	538	82	245
KJ9C	"	444,624	539	81	233
K9MA	"	294,492	425	71	182
W3HDH/9	"	244,528	352	70	202
KA9F	"	125,643	289	56	137
K9BZ	"	71,166	161	57	117
W9VA	"	44,544	151	35	81
W9GXR	"	25,927	104	37	74
W9SWS	"	21,375	97	41	84
WO9S	"	13,416	81	25	53
WB9AYW	"	5,820	40	22	38
K2AAW/9	14	271,123	842	31	106
K9CAN	"	93,219	302	30	101
KØSN/9	"	83,013	457	14	53
K9CJ	7	98,814	305	30	99
W9OP	3.5	57,443	229	22	87
KG9N	"	3,686	40	11	27
***K1TN/9**	A	233,426	365	62	192
*K9JE	"	159,732	301	56	148
*AC9X	"	143,228	290	76	168
*W9IL	"	130,508	303	41	117
*W9UM	"	64,261	192	53	126
*AJ9C	"	58,590	147	45	110
*W9YO	"	53,878	166	53	105
*W9VQ	"	32,096	114	36	82
*N9TTX	"	23,278	99	38	65
*KA9JAC	"	19,680	98	22	60
*WB8RFB/9	"	17,808	106	28	56
*KB9OWD	"	11,440	74	28	52
*W9ISC	"	5,824	58	18	38
*KD9FM	"	5,444	46	27	34
*N9LYE	"	4,539	52	23	28
*AD9T	"	2,336	31	12	20
*N9MTT	"	1,802	36	22	31
***W9JUV**	28	3,598	47	10	28
***N9XX**	14	119,460	328	27	105
*W9AEM	"	37,246	161	23	80
*N9GBB	"	1,236	22	10	17
*W9ILY	7	35,409	169	20	67
*K9UIY	"	20,448	112	23	62
KØEU	A	1,596,062	1459	119	323
KØSR	"	1,359,694	1108	114	379
KØCAT	"	898,398	872	101	292
					(OP: K9WIE)
K7RE/Ø	"	338,212	562	83	174
WØZA	"	264,114	545	69	150
NØSTL	"	257,224	322	84	232
KØUE	"	228,095	440	76	169
KØRI	"	215,364	383	83	191
KØDEQ	"	156,208	282	64	144
KØHW	"	139,462	295	68	138
WBØHCH	"	122,536	248	58	154
WØML	"	95,370	242	50	120
WNØL	"	92,322	227	69	138
KMØO	"	89,562	254	37	101
KJØG	"	57,255	193	58	107
K4IU/Ø	"	36,162	130	41	85
WØTY	"	24,852	143	34	75
K3WT/Ø	"	23,028	98	34	80
WA2MNO/Ø	"	20,532	102	40	76
NØXM	"	15,640	94	32	60
KØHB	"	7,467	52	19	38
KØVG	"	1,120	25	14	18
KKØHF	7	72,376	480	26	57
KØYW	"	29,274	191	31	92
KU1CW/Ø	3.5	227,283	623	30	107
***KØRC**	A	514,402	564	91	271
***WØETT**	"	394,638	516	94	224
*KØKP	"	320,973	459	76	215
*ACØW	"	165,765	308	75	182
*KØCIE	"	153,700	301	63	149
*KEØUI	"	130,200	282	68	142
*KØSQ	"	123,606	260	61	128
*KNØV	"	121,980	225	66	148
*KSØM	"	83,265	229	59	124
*KØCF	"	80,535	194	54	123
*KØPC	"	74,865	182	41	114
*K6MJ/Ø	"	56,571	191	55	118
*NAØN	"	38,664	129	34	74
*K5QQ/Ø	"	30,250	139	44	81
*NØEO	"	18,800	107	34	60
					(OP: AAØAW)
*NØFP	"	16,781	77	38	59
*KØRY	"	16,498	113	39	74
*NEØP	"	13,528	71	31	45
*NO2D/Ø	"	13,104	80	33	51
*KØMPH	"	7,308	55	22	41
*K2HT/Ø	"	7,194	49	28	45
*KØKGS	"	6,552	79	27	45
*NØIBT	"	6,534	49	23	31
*WØPC	"	5,510	51	19	39
*KØJV	"	4,636	45	29	32
*KCØSOG	"	3,010	33	17	26
*NØKQ	"	2,967	57	29	40
*KCØLUX	"	2,640	41	22	33
*WØPSS	"	1,674	26	14	17
*KIØJ	14	38,340	183	23	67
*NØGOS	"	26,149	138	21	58

4U-UNITED NATIONS

4U6ØUN	A	270,200	953	51	89
					(OP: OH1VR)

ALASKA

KL7WV	A	267,408	1221	51	57
					(OP: W3YQ)

ANTIGUA

***V26K**	A	6,960,084	5430	115	408
					(OP: AA3B)

BAHAMAS

***C6AQQ**	A	2,935,464	3422	100	304
					(OP: ND3F)
*C6AGY	"	93,789	456	56	97
					(OP: ND6S)
***C6AWS**	14	362,112	1438	29	99
					(OP: W6SJ)

BARBADOS

8P5A	A	9,902,340	6561	145	485
					(OP: W2SC)

CANADA

VO1AU	A	3,744,921	3144	102	369
VO1MP	"	1,801,012	1294	111	455
VO1TA	"	468,468	766	48	186
VE1MC	"	189,543	402	49	152
VO1HP	"	47,655	136	36	99
***VE9DX**	A	534,006	854	69	210
VY2TT	A	4,966,176	3783	115	429
					(OP: K6LA)
VA2AM	"	28,676	128	45	89
VY2ZM	1.8	497,152	1664	28	100
***VE2XAA**	A	581,952	749	74	262
***VE2AWR**	"	459,984	748	64	195
*VE2FK	"	251,944	775	39	115
*VE2FU	"	195,822	383	53	154
*VE2FFE	"	29,946	152	31	62
*VE2GHI	"	16,720	171	31	64
VE3EJ	A	4,721,808	3491	135	429
VC3O	"	4,280,916	3523	119	389
					(OP: VE3AT)
VE3EY	"	3,323,781	2968	117	362
VE3TA	"	1,137,402	1452	85	272
VE3XN	"	778,536	807	95	301
VE3CR	"	756,136	806	92	284
VE3KZ	14	397,761	1135	31	110
VE3RER	7	21,533	161	15	46
VE3NZ	3.5	33,000	357	11	39
VE3ZI	1.8	91,968	454	20	76
VE3PN	"	42,098	346	13	49
***VE3DZ**	A	2,313,036	2048	111	373
***VE3JM**	"	1,474,083	1602	94	293
*VA3NR	"	792,674	1230	77	230
*VE3KP	"	538,188	958	72	186
*VA3PL	"	420,786	584	70	221
*VE3NWA	"	326,608	514	68	206
*VE3GSI	"	233,988	462	63	159
*VE3OM	"	190,848	346	62	162
*VE3HLS	"	180,245	334	68	167
*VE3XAT	"	145,824	272	47	149
*VE3TW	"	138,242	377	51	118
*VE3RSA	"	110,700	297	48	116
*VE3FDT	"	63,420	217	48	92
*VE3WG	"	41,004	167	46	88
*VE3FH	"	37,315	209	24	61
*VE3HG	"	15,614	77	23	51
*VA3OBR	"	13,494	97	24	54
*VA3AVP	"	8,690	121	37	42
*VA3HUN	"	5,282	85	13	25
*VA3SWG	"	100	71	24	30
*VA3RJ	21	6,075	60	15	30
***VE3UKR**	14	52,731	245	18	75
*VE3RCN	"	2,739	38	12	21
***VA3QP**	7	156,978	710	27	87
***VE3OSZ**	1.8	24,228	353	12	24
*VE3MGY	"	19,482	312	10	24
*VE3JAQ	"	8,544	318	6	10
VE5UA	A	412,293	1021	69	134
VA5SAM	"	476	10	8	9
***VE5ZX**	A	391,515	991	67	148
*VE5UF	"	329,989	690	69	160
*VE5SF	"	112,560	370	38	96
VE6JY	14	635,664	1674	37	127
					(OP: VE5MX)
VE6WQ	7	287,976	874	35	121
VC6R	3.5	91,512	547	27	55
					(OP: VE6RST)
VE6WZ	"	22,563	148	22	47
VE6SF	1.8	1,271	52	9	9
***VE6TN**	A	646,464	1056	82	191
***VE6CNU**	14	106,401	607	24	63
VE7UF	A	974,700	1504	104	196
VE7JKZ	"	152,400	494	59	91
VE7VR	"	40,170	175	47	56
***VA7ST**	A	395,345	1006	60	125
*VA7LC	"	160,104	433	60	108
*VE7ALN	"	80,693	292	49	88
*VE7IN	"	37,009	166	49	70
*VE7WU	"	25,752	101	48	63
*VE7BGP	"	7,788	64	26	33

CAYMAN ISLANDS

ZF1A	A	7,335,327	5657	132	431
					(OP: K6AM)

COSTA RICA

TI3M	A	1,296,819	2718	72	195
					(OP: TI3TLS)
TI5N	7	847,384	2407	32	114
					(OP: KØAV)
***TI2KAC**	A	36	14	8	10
***TI5X**	21	413,056	1489	28	100
					(OP: NØKE)
***TI5A**	14	639,360	2231	31	97
					(OP: K2PLF)
***TE1W**	1.8	43,524	350	13	49
					(OP: NØKE)

CUBA

***CO8LY**	A	1,843,956	2350	102	289
***CO8TW**	14	27,976	131	26	78

DOMINICA

***J79CW**	A	2,553,160	3171	86	269
					(OP: DL5CW)

DOMINICAN REPUBLIC

HI9L	14	1,454,436	3701	35	127
***HI3/SP9XCN**	A	3,681,202	4037	105	301

GUADELOUPE

***FG5BG**	A	4,908,384	4234	111	383
					(OP: DL1EFD)

GUATEMALA

*TG9ADM	A	10,780	142	19	25

HONDURAS

*HR1RTF	A	28,710	258	36	30

JAMAICA

6Y3R	A	3,366,825	4146	90	281
					(OP: OH3RB)

MARTINIQUE

*FM5FJ	14	3,220	97	11	17

MEXICO

XE1MM	A	1,310,542	2446	85	189
XE1V	"	195,600	435	79	161
XE1NW	3.5	32,725	288	14	41
***XE2MX**	A	199,392	542	72	129
*XE1L	"	18,744	184	51	91
*XE1ZVO	"	750	31	14	16
***XE3WAO**	21	158,390	821	22	72
*XE1CT	"	81,696	608	24	50
***XE2TG**	1.8	14,322	337	10	12

PANAMA

HP1/OA4WW	14	1,302,775	3503	35	120
***HP1AC**	A	70,760	301	45	82

PUERTO RICO

***WP3C**	A	2,938,800	3383	98	297
*NP3CW	"	161,040	911	39	81

ST. KITTS & NEVIS

V47/AB2RF	A	122,268	640	26	66

ST. MAARTEN

***PJ7/K7ZUM**	21	277,447	1180	20	81

ST. VINCENT

***J88DR**	A	1,983,024	2464	90	286
					(OP: G3TBK)

SAN ANDRES/PROVIDENCIA

***HKØFD**	7	142,560	706	22	77
					(OP: DK8FD)

U.S. VIRGIN ISLANDS

KP2TM	A	3,186,178	4232	97	256
					(OP: K9TM)
KP2/K3MD	"	1,501,620	2595	79	211
KV4FZ	1.8	98,888	644	22	72

AFRICA

AFRICAN ITALY

***IH9GPI**	A	3,780	45	10	25
*IH9YMC	28	198	13	3	8

ASCENSION ISLAND

ZD8A	A	8,834,449	5028	140	471
					(OP: K6NA)
***ZD8R**	A	173,250	304	71	139
					(OP: N6ND)

CANARY ISLANDS

EA8EW	A	8,300,250	5649	121	406
					(OP: RD3AF)
EA8/OH4NL	7	1,298,385	2845	34	131
					(OP: OH2BYS)
EA8PP	"	989,520	2395	34	121
					(OP: EA8AHB)
***EA8CN**	A	2,548,680	2264	88	314
*EA8/DJ1OJ	"	1,515,162	1461	84	279
*EA8ASJ	"	136,178	501	43	94
*EA8BBJ	"	39,370	124	42	85
*EA8BQM	"	14,274	94	29	49
*EA8AY	28	1,392	26	13	16
***EA8IN**	21	26,334	145	19	58
***EA8NQ**	14	99,110	335	25	81

CHAGOS ISLANDS

VQ9JC	A	933,992	1046	81	232

GHANA

9G5GJ	A	6,039,720	3755	137	433
					(OP: N6ZZ)
*9G5ZS	21	9,135	95	19	44
*9G5OO	7	6	1	1	1

KENYA

5Z1A	14	1,767,150	3456	38	149
					(OP: PA3DZN)
***5Z4LS**	A	418,154	812	67	162

MADAGASCAR

5R8FU	A	6	1	1	1

MADEIRA ISLANDS

CT3EN	A	12,489,525	6420	151	524
					(OP: CT1BOH)
CT3KN	3.5	385,756	867	36	125
CT3KY	"	4,900	40	9	40
***CT9A**	A	5,544,350	3966	111	379
					(OP: OH6RX)

MOROCCO

CN2R	3.5	1,206,128	2743	33	121
					(OP: W7EJ)
***CN2WW**	14	1,150,556	2479	36	122
					(OP: F6IRF)

SAO TOME & PRINCIPE

S9SS	A	522,806	1078	47	126

SENEGAL

6W1RW	A	6,942,460	4090	130	465
					(OP: F6BEE)

SOUTH AFRICA

ZS1EL	A	1,805,100	1940	89	241
ZS4TX	"	832,785	1009	94	201
ZS6KR	"	177,684	421	69	132
***ZS1AN**	A	212,300	410	69	124
*ZS1AJS	"	29,880	142	36	54
*ZS5NK	"	15,642	100	37	42
***ZS4JAN**	28	5,103	96	19	44

SUDAN

***STØRM**	A	723,580	1009	61	192
					(OP: T98A)

SWAZILAND

3DAØNW	A	6,791,976	4451	135	402
					(OP: K9NW)

TANZANIA

***5H3EE**	21	597,432	1454	33	113
					(OP: DL4SM)

UGANDA

*5X1RI	14	1,729	51	7	6

Maritime Mobile Zone 34

***ZL1CT/mm**	A	1,268,502	1492	82	236

ASIA

AFGHANISTAN

***T6X**	21	110,880	634	23	65

ARMENIA

EK3SA	3.5	10,800	108	6	30

ASIATIC RUSSIA

RA9SG	A	2,252,052	2148	104	319
UA9SP	"	1,900,743	1470	112	377
UA9KJ	"	1,108,424	1362	82	267
UA9QM	"	794,124	1086	79	245
RA9DZ	"	793,359	896	88	255
RA9AC	"	700,936	836	68	260
UA9KM	"	539,706	863	84	209
RK9KWI	"	298,095	539	64	191
UA9MC	"	258,016	312	91	261
UA9FM	"	244,825	520	41	134
RX9TX	"	242,200	531	45	128
RU9UC	"	200,508	370	66	165
RA9UT	"	106,335	459	42	111
RV9XJ	"	68,440	207	38	107
UA9XK	"	39,650	120	30	92
RV9XM	"	13,455	71	23	46
RV9AZ	28	24	2	2	2
RU9CK	21	259,560	966	26	79
RK9UE	14	181,440	725	25	80
UA9CMQ	"	96,187	417	22	69
UA9AYA	7	1,002,244	2213	36	136
					(OP: UA9BA)
UA9TZ	"	14,763	130	12	45
UA9MA	3.5	311,220	1007	27	99
RV9SV	"	203,280	1036	20	68
RN9AA	"	109,446	485	15	72
RW9QA	"	15,054	139	8	31
RU9TO	1.8	22,472	174	10	43
RA9ST	"	7,992	94	7	30
UA9OS	"	819	26	5	16
***RX9AF**	A	1,474,956	1492	86	292
***UA9JLL**	"	1,137,195	1259	76	257
*UA9AFS	"	830,340	1018	67	248
*UA9FGJ	"	797,160	944	61	251
*UA9AOL	"	701,739	890	68	241
*RA9XF	"	651,000	1013	56	194
*UA9MQR	"	640,855	763	78	257
*UA9BX	"	628,430	789	73	246
*UA9CBR	"	609,700	719	81	254
*UA9XS	"	592,161	785	62	227
*RW9RA	"	554,037	771	75	234
*RU9WZ	"	546,960	981	74	184
*RK9CR	"	545,490	777	68	222
*RV9UP	"	460,719	642	80	229
*UA9TF	"	409,959	530	71	232
*UA9OA	"	408,280	687	53	183
*RK9AX	"	406,404	571	91	227
*RA9UN	"	398,389	681	66	203
*UA9APA	"	382,755	604	48	189
*UA9XF	"	373,704	506	58	218
*RX9FB	"	346,330	473	82	213
*UA9UCK	"	320,597	529	73	217
*RA9CB	"	275,638	455	56	186
*RV9CLF	"	209,032	409	51	161
*RW9MD	"	206,402	286	82	240
*UA9ADW	"	165,354	455	42	144
*RU9UG	"	150,265	339	58	147
*UA9OV	"	150,258	380	41	117
*RU9AZ/9	"	148,480	397	44	116
*UA9XW	"	139,684	327	36	152
*RX9DJ	"	138,080	387	40	120
*UA9XBR	"	103,632	391	38	98
*UA9SAW	"	92,224	294	32	99
*RA9FLW	"	87,122	295	30	97
*RX9FW	"	69,600	240	42	118
*RZ9OJ	"	65,520	266	36	81
*RK9UC	"	62,634	224	48	98
*RA9WV	"	52,055	255	33	112
*RX9WN	"	41,291	115	61	96
*UA9MP	"	22,791	98	42	65
*RX9KA	"	19,904	114	35	40
*UA9UX	"	19,764	79	52	70
*UA9DD	"	11,160	70	23	37
*UA9XMB	"	7,611	59	17	42
***UA9QA**	21	81,810	418	25	76
*UA9LAO	"	667	13	10	13
***RA9KM**	14	278,521	820	32	105
***UA9AFZ**	"	226,688	729	30	98
*RW9CW	"	201,626	548	34	112
*UA9CCL	"	133,284	451	30	86
*UA9OG	"	114,546	493	25	77
*RA9XU	"	104,622	543	23	71
*RX9JW	"	60,947	392	12	47
*RW9UU	"	27,643	227	20	57
*RV9UF	"	24,592	286	12	41
***UA9CBM**	7	170,693	527	31	100
***RW9DX**	"	158,796	567	34	98
***RX9LW**	1.8	12,300	121	7	34
*RA9OM	"	3,783	69	7	18
*UA4LCQ/9	"	1,428	41	7	27
RKØUT	A	896,000	1516	89	231
UAØAZ	"	809,783	980	95	278
RAØAA	"	805,896	1101	83	229
UAØFAI	"	573,881	1155	92	165
UAØACG	"	472,245	795	76	209
UAØDC	"	259,454	699	82	139
RAØZD	"	213,248	376	81	143
UAØABB	"	177,906	385	52	147
UAØBA	"	101,994	252	54	124
RWØCF	"	69,020	177	62	108
UAØCW	"	24,924	101	50	84
UAØCNX	"	14,364	275	27	30
RUØSN	"	9,792	62	21	47
RAØAY	"	1,040	14	12	14
RUØAW	"	693	11	10	11
RZØAT	21	250,674	897	29	94
UAØSR	"	39,442	334	24	58
UAØWL	"	12,688	110	17	44
RWØLIA	"	12,180	110	22	36
UAØCA	14	323,820	1194	33	93
UAØAGI	"	323,136	1151	34	102
RWØBG	"	263,125	925	34	91
RAØBA	7	154,250	474	31	94
RWØAR	3.5	336,532	1204	29	90
UAØFDX	"	14,993	198	20	27
RWØAJ	"	4,719	69	10	29
RUØAT	1.8	34,255	252	16	49
RZØZWA	"	1,155	85	7	4
					(OP: RUØZM)
***RXØQA**	A	249,750	591	65	160
***UAØSDX**	"	154,560	422	63	147
*RV1AW/Ø	"	152,278	387	61	85
*UAØUV	"	136,530	370	55	130
*RKØSA	"	111,663	335	53	118
*RUØAE	"	110,564	237	68	143
*RZØCQ	"	106,872	301	73	110
*UAØSC	"	89,679	271	50	129
*UAØZAM	"	53,848	315	50	56
*UAØYAY	"	29,952	97	38	79

*RVØAL	"	16,500	108	39	71
*UAØFGZ	"	12,816	96	38	51
*UAØFGN	"	7,372	53	35	41
*RNØSA	"	5,913	54	35	38
*RWØUM	"	1,960	43	16	19
*RVØST	"	1,736	25	11	20
*UAØFBS	"	1,548	29	14	22
*RAØUBN	"	10	3	3	3
*RAØCDF	21	11,088	98	23	33
*UAØSAD	14	147,804	584	25	84
*UAØQO	"	29,559	216	27	62
*RAØFLP	"	23,625	190	20	43
*RWØLZ	7	27,838	296	23	39

ASIATIC TURKEY

*TA2DA	21	114,904	425	28	78
*TA3DD	7	675,176	1670	31	117

AZERBAIJAN

*4K9W	A	345,268	523	68	198
*4J4K	"	1,353	25	13	20
					(OP: 4J8VHF)

CAMBODIA

*XU7AFB	A	22,892	262	43	54

CHINA

*BGØAAI	A	23,664	236	44	92
*BG1DQU	"	12,075	179	33	42
*BG4IZL	"	504	45	17	19
*BD1FBV	"	100	16	8	11
*BD4ALC	21	40,677	241	28	63
*BA6QD	"	24,696	236	22	50
*B4TB	14	46,788	383	28	56
					(OP: BA4TB)
*BA4DW	1.8	2,080	112	9	11

CYPRUS

H2G	14	1,106,876	2449	36	131
					(OP: 5B4AGC)
C4M	1.8	141,201	678	17	70
					(OP: 5B4AGM)

GEORGIA

4L1DX	A	12	2	2	2
4L8A	7	1,387,650	3159	35	139

HONG KONG

VR2BG	A	2,237,754	2376	138	336
VR2PX	"	256,122	972	62	124
VR2MY	21	182,700	849	28	88
VR2KW	3.5	102,918	608	24	78
*VR2JN	A	368,880	953	79	153
*VR2XLN	"	34,969	138	45	76

INDIA

*VU2BGS	A	200,207	350	85	174
*VU2NXM	"	57,900	171	51	99

IRAQ

YI9LZ	A	56,160	212	30	74

ISRAEL

4X4DZ	21	773,761	1903	36	127
4X6FR	7	899,968	2225	33	125
4Z5LA	3.5	158,928	748	16	68
*4Z4TL	A	263,032	431	58	186
*4Z5MU	"	53,599	191	50	83
*4X1VF	28	1,890	27	11	17

JAPAN

JF1SQC	A	2,176,850	1980	136	289
JE1CKA	"	1,880,016	1798	134	290
JA1JKG	"	530,140	917	86	174
JA1TMG	"	425,365	748	86	155
JA1QOW	"	312,666	506	88	158
JO1WKO	"	246,030	379	93	202
JA1HP	"	224,620	466	79	141
7J1ABD	"	98,808	246	74	110
JH1EVD	"	57,218	177	55	79
JR1VAY	"	27,246	103	47	67
JL1LNC	"	26,992	129	48	64
JO1QZI	"	11,957	83	30	42
JA1MRE	"	2,961	44	23	24
JA1CSB	"	1,116	24	9	9
JA1XZF	28	4,107	46	17	25
JS1IFK	21	78,234	338	33	69
JS1OYN	14	191,064	667	35	79
JA1GS	"	14,160	104	23	36
7N4KDU	"	3,704	40	16	27
JK1LUY	"	132	9	6	5
JH1AEP	7	411,685	1182	34	103
7M4AOE	"	1,353	31	15	18
JH1OGC	3.5	137,088	590	29	83
JH1APZ	"	11,220	94	21	39
JR4PMX/1	"	10,150	70	21	37
7K1CPT	"	612	21	8	9
JA1XEM	"	592	17	7	9
JE1SCJ	"	224	8	6	8
JA1VVH	"	220	17	10	10
JA1KVT	1.8	1,488	30	12	12
*JI1RXQ	A	736,452	919	113	211
*JH1RNI	"	331,170	530	90	176
*JA1PS	"	183,633	367	86	154
*JG1TVK	"	173,776	355	76	158
*JA1BUI	"	169,122	356	80	133
*JH1SWD	"	138,491	311	78	119
*JP1QDH	"	129,978	309	63	111
*JA1HNW	"	105,450	306	69	121
*JG1OWV	"	101,352	215	88	118
*JA1IZ	"	85,462	230	68	105
*JA1XPU	"	82,820	222	66	98
*JA1CP	"	82,620	241	69	101
*7N4CLI	"	64,207	210	60	83
*JE1COB	"	63,066	198	57	81
*JA1MVK	"	53,196	196	47	85
*JP1SRG	"	51,338	168	55	78
*JA1IE	"	48,750	175	55	75
*JA1HG	"	46,500	159	54	71
*JJ1JGI	"	42,812	150	53	86
*JA1HFY	"	41,674	185	54	80
*JH1WFK	"	39,088	151	44	68
*JA1HTG	"	34,544	132	53	74
*JA1CPZ	"	33,813	136	45	72
*7K1PYG	"	27,945	122	51	64
*JA1BFN	"	18,252	113	34	44
*JA1WHG	"	13,708	106	42	50
*JA1WQX	"	12,936	79	33	44
*JR1UMO	"	10,880	55	41	44
*JA1FWY	"	9,282	100	23	19
*7N4QCQ	"	8,631	72	27	36
*JA1GYO	"	7,918	56	33	41
*JH1FNU	"	7,560	64	21	33
*JE1UKM	"	7,452	49	32	37
*JN1HYU	"	6,600	52	24	36
*JE1JAC	"	5,096	47	22	27
*JG1FGL	"	4,563	49	22	27
*JK1NSR	"	3,552	41	17	20
*JA1IWP	"	2,108	33	16	18
*JP1IOI	"	1,296	44	26	28
*JA1GSQ	"	680	22	16	18
*JH1MHA	"	360	28	17	23
*JA1MNJ	"	100	22	14	13
*JI1AVY	"	10	8	7	8
*JI1HFJ	28	3,240	41	12	18
*JA1AAT	"	333	10	7	6
*JE1ALA	"	322	12	5	9
*7K4XNN	21	80,784	332	35	67
*JG1UKW	"	20,370	140	24	46
*JA1RQT	"	20,002	130	26	47
*JH1TXG	"	15,378	110	23	43
*JA1EM	"	13,633	110	24	37
*JA1PUK	"	4,929	44	20	33
*JO1WIZ	"	2,906	48	13	22
*JH1DJD	"	2,706	56	17	24
*JA1DBG	"	950	22	10	14
*JH1XOQ	"	252	10	6	6
*JE1RRK	14	14,355	110	22	33
*JI1FDF	"	100	19	16	19
*JA1BJI	7	59,388	238	29	72
*JN1MSO/1	"	23,856	147	23	48
*JG4KEZ/1	"	16,184	106	23	45
*JJ1RJR/1	"	2,829	49	13	28
*JE1SPY	1.8	2,457	53	14	13
*JE1TSD	"	520	15	11	9
*JH1GVY	"	494	18	10	9
JF2QNM	A	491,742	715	116	190
JA2FSM	"	179,124	379	91	145
JA2HO	"	87,350	209	82	132
JF2FIU	"	46,843	158	61	78
JH2OMM	"	10,659	74	27	41
JE2HVC	7	51,633	236	31	72
JA2KVD	"	35,451	157	30	71
JF2WXS	3.5	5,876	63	17	35
JH2FXK	1.8	5,310	52	16	29
*JH2NWP	A	597,402	754	107	226
*JA2AXB	"	465,192	634	110	202
*JA2KVB	"	289,248	454	92	184
*JA2IU	"	260,517	555	90	163
*JK2VOC	"	104,030	259	74	128
*JA2VZL	"	86,618	234	61	100
*JR2SQU	"	65,208	196	60	96
*JA2KKA	"	56,012	188	51	83
*JA2KPW	"	46,609	150	52	75
*JA2QVP	"	43,296	146	56	76
*JQ2EHD	"	35,765	137	49	66
*JA2KCY	"	4,464	46	22	26
*JA2AJA	"	1,364	35	11	11
*JA2XCR	14	77,214	320	31	71
*JE2HCJ	"	64,064	233	35	77
*JL2LPX	"	32,233	181	30	56
*JR2TMB	"	10,614	85	23	35
*JE2OTM	7	45,472	197	29	69
*JH1HTQ/2	"	32,640	180	28	57
*JA2GTW	"	20,002	122	23	50
*JA2PFO	"	2,970	40	12	15
JF3CCN	A	505,042	641	119	254
JF3KNW	"	155,996	292	89	147
JA3IKG	"	97,054	266	58	107
JR3XEX	"	79,119	232	76	101
JG3WCZ	"	1	2	2	2
JA3ETD	21	420	42	15	27
JH3AIU	14	461,520	1263	36	108
JA3DAY	"	35,010	166	29	61
JA3AYX	"	8,536	78	23	32
JA3XOG	7	43,022	181	27	71
JS3CTQ	3.5	33,620	169	25	57
JA3GN	"	16,817	122	23	44
*JG3LGD	A	196,560	326	100	152
*JA3AVO	"	77,700	212	60	90
*JH3CUL	"	66,456	203	65	91
*JA2CX/3	"	63,282	209	62	97
*JI3DNN	"	23,668	148	46	76
*JG3FWI	"	2,622	37	24	33
*JR3EOI	21	195,600	668	35	85
*JF3BFS	"	104,186	386	36	77
*JL3TEM	"	37,636	180	34	63
*JO3FUO	14	66,825	291	31	68
					(OP: JJ1BDX)
*JK3GWT	"	52,348	266	29	63
*JN3DSH	"	30,738	152	31	63
*JH3MSA	"	3,060	37	16	20
*JI3JMG	"	1,612	22	12	14
*JN3QVC	7	38,024	152	28	69
*JG3EHD	"	240	10	4	4
*JI3KDH	1.8	1,710	38	13	17
JH4UYB	A	4,160,646	2879	168	399
JA4YHX	"	146,590	302	82	132
					(OP: JA4CZM)
JA4ESR	"	56,384	193	51	89
JM4WUZ	21	60,164	291	28	61
JE4VVM	14	335,098	1046	37	94
JA4AQZ	"	14,992	109	23	33
JA4DHN	7	7,623	73	15	32
*JA4AQR	A	108,232	284	60	106
*JE4MHL	"	98,460	245	73	107
*JA4BAA	"	81,210	244	69	103
*JH4OYA	"	71	5	4	3
*JR4GPA	21	35,796	209	21	55
JE5JHZ	A	67,536	184	64	104
JA5DQH	21	398,811	1043	38	109
JA5APU	14	110,776	483	36	86
*JG5DHX/5	A	25,200	109	42	58
*JR5HXU	"	24,640	96	42	68
*JA5RB	"	21,879	110	43	56
*JA5IDV	21	10	4	3	3
*JA5JGV	1.8	447	14	9	9
JA6BGA	A	136,619	273	79	157
JA6WIF	28	14,022	116	21	36
JA6BZI	7	116,466	344	33	108
JA6GCE	3.5	45,591	247	26	65
JH6WHN	"	16,491	117	22	47
*JH6QFJ	A	229,116	574	70	113
*JA6CYL/6	"	221,175	407	81	144
*JQ1AHZ/6	"	28,222	133	46	57
*JA6BWB	"	7,915	90	10	40
*JA6BIF	21	4,512	62	18	29
*JO6EDD	"	1,232	22	13	15
*JA6WFM	7	100,128	483	30	82
JH7XGN	A	1,299,293	1294	138	253
JA7DLE	"	663,336	837	111	221
JA7COI	"	315,436	542	90	178
JA7ZP	"	46,170	179	68	94
JA7OWD	28	3,910	46	13	21
JH7XMO	21	87,847	380	35	72
JA7NVF	14	91,637	461	30	61
JA7DOT	"	23,764	113	25	71
JA7MJ	3.5	14,520	118	22	38
JM7TKK	"	4,400	69	16	24
JF7VVL/7	"	180	8	6	6
*JE7YSS	A	26,664	111	37	64
					(OP: 7N4TEN)
*JN7OJA	"	16,867	93	39	49
*JA7AEM	"	14,896	99	33	43
*JF7GDF/7	"	13,260	90	32	36
*JA7AXP	"	2,832	31	20	21
*JH8SLS	A	749,436	830	120	241
*JA8CJY	"	105,794	249	61	108
*JK8JIC	"	4,320	41	18	27
JA9CWJ	14	39,852	178	24	58
JA9DOF	3.5	361	15	8	11
*JA9JFO	A	155,178	294	84	138
*JF9JTS	"	988	27	18	20
*JH9BWC	21	4,896	52	18	30
*JR9NVB	7	34,743	187	25	59
*JA9XBW	3.5	10,395	100	19	38
JJØJML	A	208,452	504	64	110
JAØUMV	"	169,560	335	77	139
JHØFUW	7	197,632	614	32	96
JAØFVU	3.5	2,916	53	14	22
JAØDAI	1.8	5,192	58	15	29
*JHØNEC	A	436,791	629	103	188
*JAØBMS	"	74,800	257	58	78
*JGØMWU	"	65,600	185	66	94
*JIØNXA	"	32,130	185	51	75
*JAØBJY	"	19,584	113	29	39
*JJØAEB	"	13,244	95	32	45
*JAØRCK	"	11,310	56	29	49
*JGØSXC	"	4,720	45	19	21
*JJØKWN	"	3,995	44	23	24
*JAØGZ	"	2,005	32	19	19
*JGØIPW	"	176	9	5	6
*JHØBLI	21	1,952	33	12	20
*JHØEPI	14	78,390	337	32	74

KAZAKHSTAN

UPØL	A	3,674,646	2908	111	375
					(OP: UN9LW)
UN2E	"	1,129,842	1296	82	261
UN6T	"	539,316	811	74	210
UN8GA	7	40,807	234	16	57
UN2C	3.5	447,024	1395	29	105
*UN3M	A	2,005,515	2036	91	278
*UN7QF	"	15,900	159	25	50
*UNØC	"	10,062	58	35	51
*UN7EX	28	224	7	7	7
*UN5J	21	228,361	943	27	92
*UN7BN	"	12,508	84	15	44
*UN4PD	14	87,813	345	24	75
*UN7JX	"	69,012	364	20	61
*UN4PG	7	64,365	239	26	79
*UN7JID	"	25,122	177	18	61
*UN7IT	1.8	26,680	203	10	48
*UN6P	"	19,329	220	11	40

KOREA

HL5UOG	A	3,981	53	22	23
*6K2DIO	A	46,172	407	45	52
*6K2ABX	"	9,030	57	30	40
*HL2FDW	14	116,523	604	33	74
*DS4NMJ	7	6,960	146	20	38

KYRGYZSTAN

EX2A	A	1,230,272	1425	90	286
EX2X	"	1,045,482	1330	80	246

MONGOLIA

JT1CO	A	1,516,653	2286	120	267
JT1BH	21	88,650	737	24	66
JT1DA	7	156,113	927	27	80

OGASAWARA ISLANDS

JD1AMA	7	414,060	1673	35	99

OMAN

A45XR	A	9,626,226	5519	154	500
*A45WG	21	2,014	36	16	22

SAUDI ARABIA

*7Z1SJ	A	83,475	200	55	104
*HZ1IK	7	667,821	1749	34	113

SINGAPORE

9V1CW	A	86,728	268	52	96
9V1YC	3.5	96,594	485	27	75

SRI LANKA

4S7EXG	A	436,224	727	86	198
*4S7NI	14	42	3	3	3

TAIWAN

*BU2AI	A	299,288	926	79	130

TAJIKISTAN

EY7AF	A	2,523,430	2678	103	310
EY8MM	7	1,085,276	2347	39	142
EY8CQ	1.8	36,540	266	11	49

THAILAND

HSØAC	A	366,704	931	57	151
					(OP: OZ1HET)
*HSØZAR	A	2,085,369	2269	116	313
					(OP: K3ZO)
*HSØZGL	"	168,682	489	56	137
*E2ØYLM	14	23,068	146	25	54

UK BASES ON CYPRUS

ZC4LI	21	849,400	2202	33	122

UNITED ARAB EMIRATES

A61Q	A	1,865,490	2403	81	249
A61AR	7	1,197,180	2670	37	143
					(OP: RV6LNA)

UZBEKISTAN

UK9AA	7	869,528	2103	36	128
*UK/JI2MED	A	509,950	1025	61	174

WEST MALAYSIA

*9M2TO	A	385,605	1429	85	200

EUROPE

ALAND ISLANDS

OHØE	A	3,534,100	3745	138	452
					(OP: OH2MM)
OHØM	21	442,750	1418	36	139
					(OP: OH5DX)
OHØZ	1.8	188,552	1484	23	81
					(OP: OH1JT)

ALBANIA

ZA/Z35M	A	495,420	1335	53	177
*ZA/LZ5PL	A	2,050	45	13	28

AUSTRIA

OE2G	A	1,346,356	1901	95	312
					(OP: OE2BZL)
OE1TKW	"	27,090	150	34	92
OE3GSA	14	373,616	1125	35	117
*OE5CYL	A	57,252	282	36	120
*OE8CCQ	"	38,675	213	30	89
*OE1BKA	"	17,901	124	23	50
*OE5ØWIG	21	40,128	225	30	66
					(OP: OE6WIG)

AZORES

CU2A	A	7,915,656	6319	137	499
					(OP: OH2UA)
CU3AA	3.5	156,017	1015	16	73
*CU2/OH3BHL	21	10	8	4	7
*CU2JT	7	191,760	732	24	96

BALEARIC ISLANDS

EA6AZ	7	34,874	207	21	85
*EA6AFF	A	431,864	1262	73	223
*EA6NB	"	334,800	860	65	175
*EA6DD	14	119,944	639	27	89

BELARUS

EU1PA	A	1,057,959	1715	102	339
EW1CQ	"	735,585	896	99	336
EU4LY	"	645,290	1289	79	267
EW8CY	"	548,430	1241	66	237
EW3LN	"	456,181	785	98	269
EW8OF	"	118,852	656	34	138
EW2EO	"	42,485	190	40	105
EU7SA	"	7,050	46	31	44
EU3AR	28	3,807	63	13	34
EW7KR	14	92,872	563	25	79
EW8EW	7	476,319	1985	37	142
EW7LO	"	176,800	857	29	107
EW2DN	"	16,640	152	16	64
EU1AZ	3.5	251,844	1531	25	99
EW8DX	"	170,748	1346	20	88
*EU1DX	A	890,015	1146	103	328
*EW1KT	"	224,952	609	69	204
*EU1CB	"	154,660	621	43	147
*EU4CQ	"	130,248	467	56	187
*EW2EG	"	2,411	72	15	30
*EW6DX	14	41,904	216	22	75
*EV6Z	7	105,900	888	23	77
*EU2MM	"	88,084	536	24	98
*EW6AL	"	65,637	390	26	91
*EV6M	1.8	8,976	213	7	37

BELGIUM

OO5ZO	14	469,376	1433	36	116
					(OP: ON5ZO)
ON4AEK	7	380,568	1600	35	122
ON4CCP	3.5	65,268	870	11	52
OR5N	"	18,688	290	9	55
					(OP: ON4NOK)
*OT5B	A	681,992	1308	73	253
					(OP: ON4AEB)
*ON6NR	"	600,972	1002	84	282
					(OP: ON4RU)
*ON5SV	"	214,875	595	53	172
*OO6ML	"	139,840	493	47	137
					(OP: ON6ML)
*ON6LY	"	95,616	424	37	129
*OO5JD	"	20,825	169	29	90
					(OP: ON5JD)
*ON7BS	"	3,355	57	17	38
*ON5WL	"	2,613	46	13	26
*OO6FC	"	2,310	97	24	53
					(OP: ON6FC)
*ON9CTZ	7	208,656	1051	26	112
*ON4KVA	"	2,695	65	8	27

BOSNIA-HERZEGOVINA

T96Q	21	570,473	1613	37	142
*T93Y	A	245,358	414	70	188
*T92M	21	31,680	178	27	72
*T94OM	7	210,080	1258	28	102
*T9/VE3ZIK	"	153,036	1092	21	96

BULGARIA

LZ2DF	A	699,614	804	123	331
LZ1BJ	"	595,276	1038	78	254
LZ2PL	"	118,137	474	51	108
LZ5T	3.5	68,464	680	15	73
					(OP: LZ3RR)
*LZ9R	A	1,036,741	1430	96	353
					(OP: LZ3YY)
*LZ1QV	"	274,166	515	88	238
*LZ5XQ	"	255,373	707	65	198
*LZ3SM	"	242,858	544	66	200
*LZ2ITU	"	114,369	439	48	153
*LZ1GU	"	50,232	123	58	110
*LZ1ONK	"	9,576	164	11	52
*LZ1MC	"	7,632	67	25	47
*LZ2JR	"	4,420	88	16	49
*LZ9X	28	8,883	87	17	46
					(OP: LZ1RB)
*LZ4AE	21	47,432	210	28	70
*LZ2ZG	"	17,168	120	26	48
*LZ4JO	14	60,135	333	25	70
*LZ5AZ	"	50,687	320	20	71
*LZ2CE	"	35,680	249	21	59
*LZ2VP	"	14,740	125	16	51
*LZ1AG	1.8	3,526	85	8	35

CRETE

*SVØXAI/9	A	134,714	635	42	151

CORSICA

*TK/DJ9RR	A	163,664	644	42	170

CROATIA

9A3ST	A	280,000	475	89	231
9A2VN	"	6,902	82	16	42
9A5Y	21	523,260	1330	37	153
					(OP: 9A3NM)
9A8M	7	163,404	1240	23	85
9A9A	3.5	583,360	2328	34	126
9A4W	"	166,314	1380	21	85
9A2AJ	1.8	89,300	994	19	81
*9A5K	A	2,534,280	2313	130	458
*9A3TU	"	177,100	394	69	184
*9A5AQA	"	64,206	261	51	123
*9A5YY	"	21,978	154	32	67
*9A4MN	"	16,800	126	21	54
*9A3QB	"	7,130	84	19	43
*9A3VM	28	4,988	101	10	33
*9A7D	21	290,680	808	37	132
					(OP: 9A2SD)
*9A5D	"	186,914	699	36	122
*9A4RV	"	4,824	52	16	20
*9A3B	14	506,198	1637	34	120
					(OP: 9A1AA)
*9A6NCM	"	17,141	154	15	46
*9A3RE	1.8	36,894	585	10	56

CZECH REPUBLIC

OL8R	A	3,137,913	2871	139	482
					(OP: OK1FCJ)
OK1EP	"	1,421,724	1621	118	396
OK2PDT	"	1,192,800	1692	95	325
OK2ABU	"	710,684	1392	83	263
OL6W	"	489,168	859	84	260
					(OP: OK2FB)
OK1DWF	"	295,906	747	64	183
OK1MKU	"	276,828	441	95	259
OK1AXB	"	225,243	561	65	196
OK2PCL	"	187,425	326	71	154
OK2PZ	"	104,475	390	52	147
OK5MM	"	100,170	785	20	85
OK1AYY	"	94,760	415	37	147
OK1NE	"	56,800	265	36	124
OK1FRO	"	34,456	276	26	92
OK1FFU	21	233,597	672	37	114
OK5E	"	53,460	247	31	77
					(OP: OK1NE)
OK1DRQ	"	42,479	191	27	80
OL9Z	14	287,700	1127	34	116
					(OP: OK2PVF)
OK7XC	"	245,705	803	35	122
OK4RQ	3.5	440,482	1979	29	117
OK1FZM	"	139,625	793	25	100
OL6T	"	111,072	901	17	79
					(OP: OK1DCF)
OK1FHI	"	92,778	827	17	77
OK1QM	"	91,759	828	15	74
OK2YT	"	70,043	609	15	74
OL7P	"	63,750	774	14	71
					(OP: OK1CRM)
OK2BZ	"	55,890	453	16	74
OK2TRN	"	52,851	557	14	65
OK1IBP	"	45,846	483	13	68
OK1FAV	"	37,807	425	12	65
OK2VWB	"	30,464	368	10	58
OK1FOG	"	29,380	424	12	53
OK1AVY	"	22,325	124	17	78
OK1FC	"	17,550	231	11	54
OK1ICJ	"	10,500	123	12	58
OK5AA	"	8,400	169	7	41
OK1RF	1.8	232,185	1391	23	92
OK1IW	"	45,156	673	11	60
OK1DWJ	"	7,696	65	13	61
*OK2ZC	A	1,409,980	1786	108	385
*OL6P	"	1,266,694	1630	106	367
					(OP: OK2WTM)
*OK1DOL	"	1,078,020	1392	101	351
*OK2DU	"	937,097	1488	98	315
*OL6BA	"	925,880	1462	91	304
*OK1HX	"	845,610	1141	98	328
*OLØA	"	836,271	1192	101	322
					(OP: OK1CZ)
*OK2QX	"	820,836	1096	106	347
*OK2TCW	"	753,424	1110	90	302
*OK1VD	"	646,092	1018	92	301
*OK1KQH	"	536,956	1047	71	231
					(OP: OK1BA)
*OK2EC	"	534,800	1060	76	274
*OK8HA	"	507,850	952	85	265
*OK1AY	"	500,625	791	89	286
*OK1DKR	"	489,552	693	89	287
*OK1ZP	"	431,940	883	79	234
*OK1AJR	"	424,560	663	82	266
*OK1FCA	"	383,040	949	54	198
*OK7MT	"	350,721	637	77	216
*OK1GS	"	324,250	857	43	207
*OK1DKO	"	289,050	643	70	212
*OK2BQL	"	263,857	673	71	218
*OK2VX	"	237,168	650	52	191
*OK1CO	"	231,840	575	67	221
*OK2KJ	"	225,348	641	48	163
*OK1DVK	"	208,554	373	83	262
*OK1TD	"	205,785	435	66	203
*OK1MLP	"	194,880	491	57	167
*OK1HCG	"	168,912	564	46	170
*OK2VP	"	151,616	458	52	154
*OK2PBG	"	148,125	362	60	199
*OK2BND	"	135,680	456	47	165
*OK1HGM	"	130,901	395	54	169
*OK1AUP	"	129,950	350	57	169
*OK1MZO	"	129,750	365	60	190
*OK1FWW	"	125,780	463	45	145
*OK5TM	"	119,889	393	46	127
					(OP: OK2BPL)
*OK2BNC	"	116,859	369	59	149
*OK1TFH	"	95,592	423	37	131
*OK2BJ	"	90,095	277	59	126
*OK2BDF	"	82,812	309	50	151
*OK1LO	"	66,144	278	42	114
*OK2SWD	"	57,722	337	25	108
*OK1AKB	"	37,310	233	29	101
*OK1DSX	"	20,790	85	39	60
*OK1ARO	"	10,220	76	21	49
*OK2PAD	"	1,998	30	15	22
*OK1KMG	"	528	20	6	16
					(OP: OK1FUW)
*OK1DJS	28	1,255	33	10	23
*OK2ZJ	"	782	16	8	15
*OK2N	21	170,040	473	36	120
					(OP: OK2NN)

*OK2TBC	"	73,810	266	33	88
*OK1MMN	"	32,660	183	20	51
*OK1DRX	"	4,515	61	15	20
*OK1KZ	"	3,457	66	12	15
***OK1FDR**	**14**	**440,398**	**1209**	**36**	**130**
*OK1GI	"	105,256	547	29	89
*OK2BRA	"	85,578	430	22	80
*OK2PYA	"	47,730	218	22	64
*OK1BLU	"	20,325	216	17	58
*OL5DX	"	1,838	29	11	21
***OK1FHL**	**7**	**186,728**	**917**	**29**	**107**
*OL4W	"	129,572	871	25	91
					(OP: OK1IF)
*OK2HI	"	97,343	446	30	108
*OK2DW	"	49,337	288	25	78
*OK2UQ	"	11,163	150	11	50
***OK1JOK**	**1.8**	**22,140**	**401**	**9**	**51**
*OK1MNW	"	20,544	300	10	54
*OK1FM	"	3,948	89	10	37

DENMARK

OZ4RT	**A**	**287,722**	**651**	**59**	**204**
OZ1JTE	"	270,084	525	77	240
OZ8SW	"	116,816	275	51	145
OZØJ	"	24,112	176	37	100
OZ7BQ	**3.5**	**48,208**	**377**	**17**	**75**
OZ7AEI	"	12,060	170	11	56
***OZ8AE**	**A**	**724,593**	**1008**	**99**	**312**
*OZ5DL	"	206,492	543	56	191
*OZ5UR	"	194,680	516	63	185
*OZ6PI	"	173,430	390	65	217
*OZ1DGQ	"	7,524	95	15	29
*OZ4FF	"	5,330	58	23	45
*OZ5BD	"	2,745	56	17	28
*OZ5RM	"	399	25	4	17
*OZ7YL	14	10,704	122	12	26

DODECANESE

J45A	3.5	8,507	189	8	39
					(OP: LY1DF)
***J45KLN**	**A**	**241,713**	**716**	**59**	**192**
					(OP: SMØCMH)

ENGLAND

G3TXF	**A**	**3,682,949**	**3629**	**120**	**401**
GØWKW	**"**	**1,197,346**	**2580**	**66**	**212**
GØOPB	"	776,503	1547	70	229
G4KFT	"	404,212	744	66	212
GØORH	"	312,134	949	57	182
G3ZGC	"	249,682	590	56	198
G4SGI	"	218,008	527	58	180
G4HZV	"	169,830	396	59	163
G3UFY	"	108,150	351	46	160
GØDAY	"	71,825	340	42	127
MØTDG	"	33,700	230	31	69
G3KMQ	"	32,595	121	36	87
G3WVG	"	1	1	1	1
MØC	**21**	**140,306**	**511**	**30**	**116**
					(OP: G3RTE)
G3RAU	**14**	**417,300**	**1297**	**37**	**113**
M8C	"	336,774	1509	31	80
					(OP: G4DBL)
M4T	"	6,960	166	14	46
					(OP: GØLHZ)
MØIPX	**3.5**	**59,829**	**649**	**16**	**61**
					(OP: G3UNA)
G5YC	"	7,182	95	11	52
G3GLL	**1.8**	**13,572**	**223**	**9**	**49**
***GØRTN**	**A**	**1,275,904**	**1596**	**97**	**351**
***GØMTN**	**"**	**938,088**	**1721**	**81**	**306**
*MØCCE	"	485,933	941	69	260
*G3KKP	"	432,798	845	65	253
*G4FKA	"	284,348	696	54	214
*G3YEC	"	162,110	412	54	161
*M5FUN	"	161,280	546	52	158
*M1SMH	"	150,308	421	48	164
*G3MPB	"	124,773	309	59	150
*G4DDL	"	109,532	376	46	151
*GØHDB	"	94,300	316	46	159
*G3MIR	"	90,090	226	60	150
*GØUKX	"	76,960	302	38	110
*MØGMB	"	73,095	316	38	127
*G3BFP	"	68,783	279	38	105
*G3RSD	"	46,332	217	39	104
*MØOIC	"	44,044	193	36	107
*GØUVX	"	40,080	185	29	91
*GØMRH	"	34,220	230	26	92
*G4SLE	"	25,585	210	30	89
*MØRUS	"	20,444	141	20	56
*G4ZME	"	14,651	100	20	60
*G4WGE	"	8,760	102	21	52
***GØLZL**	**21**	**65,184**	**280**	**25**	**87**
***MØBJL**	**"**	**51,831**	**311**	**28**	**89**
*GØRDO	"	5,828	58	14	33
***G6M**	**14**	**430,110**	**1323**	**36**	**126**
					(OP: G4KIV)
*M3C	"	87,548	700	21	65
					(OP: GØVQR)
*G6EFX	"	20,274	241	14	48
*M/SQ9I	"	8,118	112	9	32
***G3ZRJ**	**7**	**23,584**	**252**	**13**	**54**
*G3VYI	1.8	2,698	73	5	33

ESTONIA

ES5TV	**A**	**3,581,200**	**3830**	**136**	**424**
ES5JR	**14**	**417,196**	**1610**	**34**	**108**
ES5MC	**7**	**531,696**	**1945**	**36**	**140**
ES6DO	"	286,380	1469	35	113
ES2DJ	"	242,808	1160	36	115
ES6CO	3.5	3,510	78	9	30
***ES4MM**	**A**	**124,450**	**292**	**72**	**190**
*ES7FU	"	31,185	173	29	106
*ES4RC	21	16,116	113	24	55
***ES4RD**	**14**	**78,260**	**315**	**31**	**109**
***ES8DH**	**7**	**36,975**	**354**	**19**	**66**

EUROPEAN RUSSIA

RW1ZA	**A**	**2,241,296**	**2407**	**120**	**388**
RW3GU/3	**"**	**2,229,400**	**2409**	**125**	**443**
UA3QDX	**"**	**2,027,400**	**2146**	**131**	**469**
RT3T	"	1,443,420	2128	108	378
					(OP: UA3TU)
UA4CCG	"	1,198,880	1670	111	361
UA4SU	"	1,058,608	1624	101	335
RA3UT	"	1,052,062	1378	114	379
RA3NZ	"	769,120	1218	93	325
RU3GN	"	699,309	916	97	320
RD4WA	"	691,335	1347	96	309
UA4PN	"	629,724	1166	93	295
RA4YW	"	608,853	1209	87	280
RK3DK	"	586,470	1269	80	266
RZ3AV	"	441,324	847	82	287
UA3UJE	"	396,490	899	67	243
RV1CC	"	363,216	702	85	244
RA4PO	"	315,150	679	85	245
RX1CD	"	289,849	540	73	256
RK1NA	"	184,016	533	58	190
RK3BA	"	176,847	417	62	191
RA3TT	"	149,328	373	61	143
RU3AV	"	135,788	498	40	126
RN4AK	"	71,940	325	37	128
RU6MD	"	62,988	297	39	135
UA3DSS	"	39,751	221	32	95
UA6LLE	"	24,024	126	38	66
RK3QS	"	22,523	139	28	73
UA1AKE	"	19,380	72	50	64
RW4NH	"	18,281	70	41	60
RX6LDB	"	8,384	126	17	47
RD3AT	"	6,572	108	15	47
RZ3DX	"	4,760	38	24	32
RA6AFB	28	10	5	2	2
RZ6FA	**21**	**250,305**	**785**	**33**	**132**
RW6HX	**"**	**177,727**	**754**	**33**	**118**
UA4LU	"	160,284	710	30	118
RA6DB	"	101,556	428	28	98
RA3AN	"	45,240	253	25	79
UA3AO	"	44,414	247	26	80
RK3ER	"	10,287	147	23	58
UA3DEE	"	9,086	73	20	39
RA3CW	**14**	**530,115**	**1672**	**37**	**140**
RU3AA	**7**	**247,860**	**1139**	**36**	**126**
UA6LTI	**"**	**238,545**	**842**	**33**	**122**
RW6FO	"	226,512	956	35	121
RW6CF	"	180,450	828	34	116
UA6AA	"	86,250	371	33	105
RA6CZ	"	49,184	356	27	89
UA6AKD	"	47,151	397	20	73
UA1ORT	"	24,381	195	21	60
RX3AP	"	13,564	141	15	61
RW4PL	**3.5**	**245,544**	**1054**	**33**	**123**
UA1OMS	**"**	**216,104**	**1171**	**29**	**107**
UA3TCJ	"	200,390	742	32	113
RA3XA	"	112,860	765	22	86
UA6AAY	"	108,748	717	25	99
RU3FM	"	84,112	550	21	91
UA3WU	"	73,914	635	19	78
RW4WM	"	73,600	670	15	77
RW1ZZ/3	"	68,495	545	17	78
RZ3DJ	"	35,640	323	17	73
RV6LA	"	11,327	247	8	39
UA3DTT	"	8,200	139	8	42
RU4CO	"	6,864	96	10	42
RW4HM	"	6,200	99	9	41
RX4HB	"	2,886	72	10	29
RA1QX	"	1,305	43	7	22
UA6ATG	"	143	8	5	8
RA3AH	**1.8**	**16,688**	**280**	**9**	**47**
UA3AP	"	12,095	212	9	50
UA4SAW	"	6,150	124	7	34
***UA4FER**	**A**	**1,755,890**	**2005**	**119**	**411**
***RN6FA**	**"**	**1,175,094**	**1697**	**107**	**356**
***RV6LFE**	**"**	**958,826**	**1342**	**104**	**347**
*RZ4AG	"	885,877	1164	106	343
*UA1ANA	"	744,184	1314	82	306
*RW6FZ	"	696,449	1666	73	244
*RK3ZZ	"	670,089	1152	83	274
*RV3FI	"	615,111	1214	80	277
*UA3DMO	"	539,932	938	88	301
*UA4YA	"	453,080	913	88	310
*UA4ALI	"	402,831	874	73	240
*RV3LO	"	375,284	761	85	279
*RK4FM	"	373,329	881	67	230
*RX3ZX	"	373,196	715	73	243
*UA1CEC	"	367,900	1093	55	228
*RU4WE	"	358,224	998	61	211
*RA3FD	"	349,416	960	59	217
*RX3AEX	"	349,200	992	69	231
*UA1OMX	"	346,830	644	82	248
*UA4LA	"	343,540	815	84	272
*RU6AT	"	335,040	1193	55	185
*RU3UN	"	333,408	490	85	283
*RN4SS	"	329,120	1159	52	220
*RX3RZ	"	308,363	776	69	220
*RA1QN	"	275,990	738	63	223
*UA3DPM	"	273,573	585	80	259
*RX3DBG	"	253,708	618	62	225
*RK3AQW	"	247,689	656	63	198
*RN3FA	"	231,264	568	65	199
*RW6BN	"	220,580	594	68	201
*RV4LC	"	219,294	585	58	221
*RK6MY	"	218,136	596	55	189
*RZ6HN	"	216,418	697	55	186
*RW1QD	"	197,750	604	53	197
*RD3FT	"	194,340	476	63	183
*RD3AP	"	193,905	526	64	215
*UA4FCO	"	190,638	582	64	203
*RN3QP	"	182,515	575	52	159
*UA4AGO	"	171,756	567	51	183
*UA1CUR	"	170,372	503	49	174
*RK4HD	"	169,265	288	78	271
*UA1ZZ	"	165,095	583	46	185
*RD3AD	"	159,938	610	42	169
*RW3TA	"	157,780	431	57	173
*RU6AI	"	156,128	395	77	195
*RZ3DA	"	151,116	347	79	215
*RA1OD	"	148,056	308	70	178
*RU4SM	"	141,980	530	49	180
*UA3EAY	"	133,363	470	46	147
*RU3FT	"	122,232	251	76	188
*RX3DVF	"	118,384	395	46	150
*RD3QJ	"	114,490	407	49	165
*UA4QK	"	111,143	366	56	162
*RU3WR	"	110,644	470	43	156
*RX3MM	"	107,625	364	50	155
*RA3BB	"	103,212	276	55	128
*RA4NCC	"	101,400	422	37	132
*UA3VLO	"	92,876	266	48	169
*RU3DM	"	92,736	195	71	153
*RA6YJ	"	92,092	258	50	132
*RA6FV	"	90,666	209	66	153
*RU3MW	"	84,952	397	34	130
*RU6CO	"	82,015	225	52	183
*UA4NCI	"	76,857	211	58	129
*UA3RLT	"	76,025	379	42	152
*RZ6AK	"	75,600	423	42	147
*RA1AGL	"	74,620	303	56	149
*RZ1CXS	"	74,556	307	38	133
*UA3QIX	"	71,166	324	46	128
*UA3QU	"	69,751	289	43	144
*UA3EDQ	"	68,497	169	52	91
*RA6DE	"	64,135	256	35	92
*RN4CA	"	59,280	291	32	98
*RZ3AMW	"	58,752	367	28	125
*RW4AD	"	54,786	315	29	109
*RZ3OV	"	53,946	216	42	120
*RV3LQ	"	52,864	243	33	95
*UA3RW	"	51,975	270	49	116
*RA3DH	"	45,885	180	37	96
*UA4PAY	"	44,588	200	37	105
*RV3BQ	"	42,706	203	31	100
*UA1TAN	"	42,085	183	29	66
*RX3BP	"	34,425	100	57	96
*RX4HX	"	31,995	153	39	96
*RV3MI	"	30,174	201	22	85
*RX3AW	"	28,792	127	38	84
*RA3GFG	"	28,689	181	33	98
*RA3FH	"	28,000	97	58	82
*RZ6LB	"	25,986	89	59	83
*RW6CW	"	25,276	117	48	94
*UA4HQS	"	24,672	119	34	62
*UA6FQ	"	23,391	98	45	68
*UA3AKI	"	21,681	141	25	74
*RW3LL	"	19,392	142	27	74
*RU3AT	"	15,752	74	39	49
*UA4WAG	"	11,970	99	29	66
*RZ6AE	"	10,181	94	23	57
*RA6AAW	"	9,632	50	38	48
*RA3MB	"	9,345	76	28	61
*UA3VFI	"	9,072	108	17	55
*UA4ACP	"	8,650	83	17	33
*UA3OQ	"	7,524	83	21	55
*UA3MJX	"	6,540	76	15	45
*RU4LM	"	6,216	52	26	48
*UA4LF	"	5,684	70	14	44
*RW3SU	"	5,372	43	27	41
*UA3ABW	"	4,920	61	17	43
*UA4AMM	"	4,590	76	27	58
*UA3DUJ	"	4,399	44	22	31
*RA6FOT	"	3,600	51	15	33
*RL3DD	"	3,354	51	11	32
*RW1AJ/3	"	1,558	41	10	28
***UA6ADC**	**28**	**3,003**	**31**	**15**	**24**
*UA6AK	"	670	18	11	13
***RN6HZ**	**21**	**132,820**	**636**	**30**	**115**
*UA6LCN	"	50,430	235	33	90
*RZ3VA	"	44,748	227	25	74
*UA1NFA	"	41,704	201	27	77
*RA3XO	"	40,950	159	29	88
*RW4FX	"	40,800	220	28	68
*RU3DKW	"	18,450	110	24	58
*RA3QN	"	11,388	120	23	55
*RA4LBS	"	9,486	115	14	37
*RA4LK	"	8,432	72	18	44
*RK6CM	"	8,374	120	13	40
*RW4LQ	"	6,840	43	21	36
*UA4AGJ	"	4,760	147	15	41
***UA3ABJ**	**14**	**224,543**	**1022**	**31**	**106**
***RW3AFY**	**"**	**151,116**	**541**	**35**	**112**
*UA4AN	"	106,672	585	26	87
*UA4HAM	"	53,676	287	28	80
*RW6AH	"	43,788	345	20	62
*RU3UW	"	30,730	270	22	68
*RV3DSF	"	14,490	145	17	46
*RX3AA	"	10,017	111	13	40
*RN6HI	"	8,268	132	15	37
*RN3AQ	"	7,776	109	15	39
*UA1ODM	"	420	28	3	2
*RV3FM	"	10	6	5	6
***RU6FA**	**7**	**180,708**	**823**	**34**	**114**
***UA3SAQ**	**"**	**108,940**	**695**	**29**	**101**
*RV6LO	"	85,960	435	33	107
*RA6CT	"	55,328	314	27	85
*RV3ML	"	22,356	267	14	55
*RV3PN	"	9,569	144	9	50
*UA3RF	"	9,280	94	12	46
***RW3GB**	**1.8**	**32,504**	**401**	**12**	**56**
***RA3UAG**	**"**	**25,935**	**342**	**10**	**55**
*UA4FRL	"	24,450	248	13	62
*RN6DV	"	13,662	205	12	54

FAROE ISLANDS

OY1CT	**A**	**529,152**	**1334**	**61**	**251**
OY9JD	**1.8**	**141,610**	**1215**	**18**	**80**

FINLAND

OH1F	**A**	**2,822,175**	**3035**	**131**	**424**
					(OP: OH1MDR)
OH2RA	**"**	**1,023,408**	**1725**	**92**	**276**
OH1EB	"	317,196	660	75	222
OH2VZ	"	250,439	576	67	202
OH6DH	"	81,770	300	45	125
OH1MA	"	67,878	164	63	99
OH3JR	"	28,080	108	44	100
OH1BOI	"	26,883	129	24	63
OH1ØA	**21**	**166,440**	**595**	**33**	**119**
					(OP: OH3WW)
OH6TN	"	122,546	500	30	112
OH2CK	"	38,907	145	28	103
OH2XF	"	10,140	78	22	56
OH6KN	**14**	**1,119,048**	**3029**	**37**	**131**
					(OP: OH6UM)
OH6AC	"	611,776	1825	37	121
					(OP: OH6CS)
OH4TY	"	93,049	412	28	93
OH5Z	**7**	**724,592**	**2419**	**37**	**139**
					(OP: OH5CW)
OH2U	**"**	**694,620**	**2301**	**38**	**142**
					(OP: ES2RR)
OH2BH	**3.5**	**593,922**	**2283**	**35**	**123**
					(OP: OH1WZ)
OH3WD	"	31,186	160	24	78
OH3WS	"	7,168	106	10	46
OH5UX	"	81	5	4	5
OH1MM	**1.8**	**157,788**	**1210**	**22**	**86**
OH4MFA	"	61,824	534	18	74
OH5PT	"	625	18	8	18
***OH2BPA**	**A**	**135,654**	**359**	**65**	**209**
***OH1ZE**	**"**	**128,475**	**401**	**49**	**176**
*OH3NDH	"	124,068	393	49	147
*OH2LO	"	84,040	278	48	143
*OH2LU	"	81,900	403	33	117
*OH2LP	"	63,900	303	54	159
*OH6LHB	"	53,664	257	32	97
*OH2FS	"	45,396	159	48	146
*OH6MBQ	"	37,488	257	27	105
*OH3HS	"	16,302	101	24	54
*OH7PF	"	14,006	59	41	53
*OH6GFI	"	392	20	10	18
*OH3VX	"	10	6	6	6
*OH3MC	21	12,191	102	18	55
***OH6OS**	**14**	**206,346**	**902**	**27**	**92**
*OH6RC	"	16,920	104	24	68

FRANCE

TM6X	**A**	**4,290,840**	**3606**	**131**	**449**
					(OP: F5VHY)
F5RAB	"	473,882	982	69	244
F6CXJ	"	315,675	673	72	233
F6GQO	"	89,011	340	43	124
F6ARC	**7**	**959,139**	**2935**	**38**	**133**
F6FJE	**3.5**	**67,405**	**662**	**14**	**71**
F5PHW	"	23,760	348	10	56
F8BPN	**1.8**	**53,088**	**540**	**14**	**70**
F6CWA	"	38,151	410	15	66
***F6HKA**	**A**	**1,654,797**	**1940**	**95**	**362**
***F6FTB**	**"**	**822,187**	**1214**	**92**	**305**
*F5QF	"	691,793	1041	80	279
*F5UKL	"	466,468	900	68	209
*F8AAN	"	458,988	987	74	202
*F6DYX	"	303,045	692	58	209
*F5NQL	"	244,736	687	56	183
*F8EEQ	"	193,500	507	68	182
*F5AIB	"	128,312	467	38	134
*F8CIL	"	97,722	263	48	130
*F5JY	"	95,172	358	31	101
*F5INJ	"	67,452	317	38	116
*F5AKL	"	63,712	208	50	126
*F6ABI	"	47,040	296	36	111
*F6DZD	"	44,064	223	35	101
*F5NKX	"	39,501	520	12	65
*F5TSB	"	22,487	169	31	82
*F5SDD	"	21,800	174	27	73
*F6CZV	"	19,280	146	22	58
*F8DFP	"	17,480	184	27	88
*F8BTR	"	8,910	79	19	35
*F8DYD	"	10	10	5	8
***F8AKC**	**28**	**5,085**	**103**	**12**	**33**
***TM6Q**	**14**	**158,346**	**797**	**26**	**88**
					(OP: FY5FY)
*F8PDR	"	134,865	513	33	102
***F5NGA**	**7**	**43,164**	**325**	**19**	**80**
*F8DNX	1.8	506	27	5	18

GERMANY

DL3YM	**A**	**3,917,702**	**3571**	**127**	**435**
DL5YM	**"**	**1,135,739**	**1444**	**111**	**352**
DL2DX	"	958,152	994	120	324
DL2F	"	829,374	1957	80	263
					(OP: DL2FDL)
DL5JS	"	755,244	1248	69	255
DL5DXS	"	502,789	1062	78	253
DL7DZ	"	354,114	738	81	228
DL1DTC	"	264,880	446	75	233
DL1VDL	"	252,406	505	79	219
DL3YA	"	194,292	421	66	186
DL1ECG	"	173,848	435	58	190
DL6AG	"	169,824	398	59	173
DL7VAF	"	167,466	403	56	191
DJ9HX	"	137,562	255	75	152
DL5MEV	"	98,745	236	60	167
DD4DA	"	77,522	285	44	122
DM3M	"	70,452	283	40	131
					(OP: DM3XRF)
DH8VV	"	66,975	196	55	86
DL9AWI	"	55,238	157	55	87
DL6RBH	"	50,397	259	41	116
DLØLA	"	44,380	169	43	97
					(OP: DL5RBR)
DJ4KW	"	39,300	260	33	98
DF6WE	"	31,892	207	35	84
DJ2SL	"	15,369	70	42	67
DL6DVU	"	14,884	133	24	37
DL5RBR	"	14,430	82	31	47
DK5EZ	"	8,325	79	19	56
DJ2RB	"	4,437	55	21	30
DF5AU	"	4,104	35	23	34
DP3A	**21**	**220,568**	**650**	**36**	**122**
					(OP: DK2GZ)
DP3D	"	77,616	334	30	82
					(OP: DL3ABL)
DJØIF	**14**	**283,050**	**866**	**33**	**117**
DL5CF	**"**	**275,553**	**860**	**34**	**119**
DL7BY	"	189,656	643	34	117
DJ1AA	"	50,568	258	26	72
DL5RMH	**7**	**140,448**	**609**	**30**	**103**
DLØWW	"	11,488	150	13	19
					(OP: DK3GI)
DL8EAQ	"	9,238	144	11	51
DL7ON	**3.5**	**346,500**	**1410**	**31**	**123**
DJ6BQ	"	129,030	1024	18	84
DL1RG	"	52,170	362	17	77
DL6KWN	"	43,168	496	12	64
DL1ET	"	24,600	269	11	64
DF3KV	"	23,532	316	15	59
DL5CL	"	16,017	260	9	48
DK7AN	"	7,810	116	9	46
DJØMDR	**1.8**	**81,524**	**844**	**18**	**71**
DJ3RA	"	9,280	155	12	46
***DF1IAQ**	**A**	**1,015,385**	**1488**	**100**	**333**
***DJ9MH**	**"**	**917,359**	**1265**	**93**	**328**
***DJ6QT**	**"**	**660,344**	**977**	**86**	**308**
*DL6UNF	"	598,535	1010	82	267
*DK5DQ	"	501,423	834	70	229
*DL5KUD	"	487,009	793	82	285
*DD5M	"	470,346	1063	66	211
					(OP: DJØZY)
*DF3AX	"	467,364	945	73	243
*DM5JBN	"	438,650	785	69	241
*DM5TI	"	423,738	492	94	305
*DL2NBY	"	384,608	976	62	210
*DL2KCK	"	380,064	711	70	226
*DL9CW	"	370,392	863	60	204
*DL7UMK	"	368,280	820	68	242
*DL4FN	"	320,229	715	61	212
*DL1NUX	"	287,260	646	62	203
*DL1RTL	"	249,776	646	66	202
*DJ1WQ	"	242,604	615	63	213
*DL4JYT	"	237,690	692	59	219
*DF6QC	"	234,740	722	50	192
*DL1ARJ	"	229,250	666	59	191
*DL8UKE	"	214,965	438	84	197
*DF2CH	"	213,520	536	62	210
*DL3BRA	"	211,680	591	54	191
*DL8UNF	"	203,000	661	55	195
*DJ8UV	"	201,250	679	56	194
*DL8MBS	"	199,675	563	52	193
*DL3ZAI	"	197,100	556	52	173
*DK8AX	"	193,800	429	65	190
*DL8YR	"	184,658	513	55	199
*DL1SAN	"	183,855	500	64	191
*DL1KUR	"	178,711	415	57	176
*DK3WJ	"	151,296	403	50	147
*DK8EY	"	146,060	423	51	167
*DL3KUM	"	142,600	433	53	177
*DL2ANM	"	142,344	440	51	165
*DF6MU	"	140,657	346	59	150
*DL8ZAJ	"	139,308	368	62	166
*DL8DWW	"	137,837	460	50	153
*DL5ARM	"	137,640	556	36	149
*DF7ZS	"	137,592	261	64	170
*DK3WN	"	134,640	477	54	166
*DLØK	"	122,901	406	50	163
					(OP: DJ2ZS)
*DJ2RG	"	122,760	522	41	157
*DL7UIO	"	118,590	460	38	139
*DR5T	"	116,600	273	51	161
					(OP: DJ3IW)
*DL2GBB	"	110,894	339	45	133
*DL5CD	"	101,370	419	50	168
*DL8ULO	"	98,325	405	53	154
*DL1RTS	"	96,278	344	41	120
*DL2HYH	"	94,965	314	48	147
*DL1SBF	"	90,440	259	54	136
*DL8UVG	"	87,584	314	47	137
*DL9LM	"	86,532	437	26	92
*DL8UFO	"	83,834	322	42	125
*DL8NBJ	"	83,700	291	45	135
*DM3PKK	"	80,000	254	46	114
*DL3DRN	"	77,916	274	46	126
*DL1BUG	"	70,855	232	52	133
*DL7BA	"	68,101	185	57	94
*DL5AZZ	"	67,758	325	34	104
*DL1TPY	"	65,313	363	37	140
*DF6LQ	"	64,384	271	36	92
*DL4KUG	"	63,342	294	33	120
*DL5A	"	61,440	246	42	118
					(OP: DL5KUA)
*DF8QB	"	61,374	273	42	117
*DF5AN	"	59,454	284	34	128
*DL1IA	"	58,990	182	54	116
*DM2RN	"	57,036	228	40	107
*DL3ZM	"	56,980	306	43	111
*DL4ME	"	55,490	290	35	120
*DK5ZX	"	55,204	231	41	107
*DK7GH	"	55,047	208	46	131
*DL7APK	"	54,950	231	46	129
*DL2HWI	"	54,128	167	49	87
*DL5AWI	"	52,734	176	47	94
*DL3HSC	"	51,323	236	41	110
*DK4WF	"	50,837	301	30	100
*DL9JON	"	49,500	223	45	120
*DL3DBY	"	48,860	283	37	103
*DF1QQ	"	48,618	211	33	113
*DL1HTX	"	44,861	283	53	70
*DL6DSA	"	37,630	145	42	100
*DJ2GM	"	37,324	189	36	88
*DK2BJ	"	37,128	244	28	91
*DJ6NH	"	33,812	158	43	115
*DL9SEV	"	33,534	173	37	101
*DL7VRG	"	33,000	183	33	87
*DJ3GE	"	32,522	213	23	78
*DJ2MX	"	31,886	160	31	76
*DL5KUR	"	31,654	121	38	60
*DL7BD	"	28,438	164	35	83
*DL1AWM	"	28,067	166	36	91
*DL3KWR	"	27,572	169	30	83
*DL5DD	"	27,251	190	28	91
*DL5ANS	"	27,025	174	33	82
*DK7VW	"	24,871	151	34	85
*DL9ABM	"	24,552	146	27	72
*DL1DQW	"	24,308	148	34	69
*DL1YFF	"	24,010	126	32	66
*DF1HF	"	23,595	124	34	87
*DL3KWF	"	22,960	155	20	62
*DF1MM	"	22,713	88	39	74
*DF3QG	"	22,248	121	37	71
*DL3HAA	"	21,912	118	26	62
*DL5ASK	"	19,775	83	41	72
*DL4JNB	"	19,456	100	43	85
*DL1KSE	"	19,110	298	20	85
*DL1DBR	"	18,630	122	28	62
*DL1NRC	"	17,978	124	33	68
*DK7KR	"	17,928	174	23	60
*DH3FAW	"	16,576	118	21	35
*DL8JDX	"	16,416	76	36	60
*DJ7LH	"	16,380	78	35	55
*DL5MO	"	16,376	129	25	64
*DL2BQD	"	15,652	91	36	50
*DP4X	"	14,260	122	14	48
					(OP: DJ2MX)
*DJ6OL	"	13,260	122	22	46
*DL7JOM	"	12,954	123	27	75
*DK1KC	"	12,738	138	17	49
*DL7BW	"	9,694	73	26	48
*DL2RTJ	"	9,656	160	10	58
*DL2VLA	"	8,550	86	19	38
*DL1BUT	"	7,047	91	24	57
*DGØDG	"	6,976	49	25	39
*DL2AXM	"	6,566	119	14	53
*DH6DAO	"	5,916	58	25	33
*DL6UAM	"	5,655	106	9	56
*DL2YET	"	5,533	60	24	38
*DJ2FR	"	5,312	94	17	47
*DJ5GG	"	4,399	54	22	31
*DL1AZA	"	4,256	74	19	57
*DJ3EF	"	3,672	54	23	31
*DL1SWB	"	2,907	46	21	30
*DL2KWW	"	1,900	21	18	20
*DH9SB	"	1,887	39	16	21
*DL6EZ	"	1,679	39	10	13
*DL6GV	"	1,504	22	15	17
*DG7RO	"	1,260	36	16	26
*DL2QT	"	1,104	35	6	6
*DC9AM	"	1,056	30	10	22
*DL1ARD	"	891	20	11	16
*DH5WB	"	204	15	7	10
*DL2DYL	"	100	40	21	30
***DL9URZ**	**28**	**3,360**	**52**	**11**	**31**
*DL2MIH	21	7,084	66	17	29
*DJ6XB	"	1,568	27	10	18
*DL5FCO	"	1,322	25	11	11
*DL2ASK	"	640	17	7	9
***DL1LH**	**14**	**398,848**	**1196**	**35**	**117**
*DL4AAE	"	152,817	567	30	103
*DK7EO	"	122,732	471	26	96
*DL3DTH	"	113,446	419	31	100
*DL4YR	"	49,125	300	22	53
*DL5MBY	"	21,096	135	19	53
*DL1FMG	"	17,106	185	17	49
*DD1IM	"	11,088	128	11	25
*DL5YL	"	3,640	56	11	17
***DL2HQ**	**7**	**95,728**	**510**	**24**	**100**
***DL6UAA**	**"**	**79,800**	**455**	**25**	**95**
*DJ2XC	"	73,712	411	28	108
*DJ8OG	"	31,668	249	18	73

*DL1DWR	"	24,964	216	18	61
*DJ6TK	"	22,230	149	19	76
*DL3EBX	"	13,608	184	10	53
*DL1EAL	"	3,654	67	8	34
*DK7FP	"	2,604	57	8	20
*DB7MA	"	510	66	6	28
*DKØIU	"	195	7	6	7
					(OP: DJ6TK)
*DC1LC	3.5	1,320	48	6	21
*DL2YED	1.8	2,886	101	5	32

GIBRALTAR

ZB2X	3.5	423,291	2152	24	103
					(OP: OH2KI)

GREECE

SV1ENG	A	727,664	2006	65	227
SV8CRI	"	116,246	354	59	162
J43J	14	373,176	1843	32	110
					(OP: DJ5JH)
*SV1HEM	A	11,745	106	26	61
*SV2BOH	21	67,260	305	29	85
*J43F	14	166,532	943	30	94
					(OP: SM4DHF)
*SV1RP	7	171,217	1227	27	104

GUERNSEY

GU4YOX	3.5	182,600	1261	18	82
*2UØGSY	A	245	32	10	25
*MUØFAL	7	68,130	557	16	74

HUNGARY

HA8A	A	2,104,832	2256	119	393
HA3LI	"	669,305	895	103	352
HA9PP	"	224,750	472	84	206
HG1R	14	540,423	2106	34	115
					(OP: HA1DRR)
HA8DU	7	711,666	2524	39	152
HA8KW	3.5	124,072	944	21	83
HG6EU	"	6,498	207	8	49
					(OP: HA6VA)
HA8BE	1.8	134,832	1094	22	84
*HA1ZH	A	507,967	879	98	255
*HA6IAM	"	330,695	815	69	226
*HA3OD	"	253,176	490	67	207
*HA2MN/5	"	130,320	445	49	131
*HA8CQ	"	119,200	368	57	143
*HAØLC	"	61,491	155	75	124
*HA7JJS	21	13,651	121	25	48
*HA8UH	"	5,100	87	18	33
*HG8C	14	149,860	609	28	99
					(OP: HA8EK)
*HA3MU	7	67,822	446	25	92
*HA1YI	1.8	10,149	196	7	44

ICELAND

TF3CW	14	379,538	1700	22	87
*TF3GB	A	182,160	498	42	142

IRELAND

EI2JD	A	78,991	280	39	128
EI4DW	"	45,024	157	43	125
*EI7CC	A	148,163	403	53	176
*EI7JK	"	27,132	195	29	85
*EI5JP	"	19,467	160	28	75
*EI9ES	"	7,178	94	16	58
*EI4CF	21	63,612	293	25	89
*EI9JN	"	18,103	306	18	54
*EI6DX	7	111,100	967	20	81

ISLE OF MAN

GD6IA	A	4,158,378	4585	123	444
					(OP: DL2OBF)

ITALY

I2SVA	A	795,626	919	100	331
IK2AIT	"	141,075	485	42	123
IK3OII	"	92,185	321	50	129
IK3SCB	"	71,040	326	32	79
IK3SWB	"	64,030	204	55	135
IK4ZHH	21	139,576	425	36	110
IK2SND	14	90,946	770	21	53
IU1A	3.5	206,618	1229	23	95
					(OP: IK1SPR)
IZ8GCB	"	116,424	1002	20	78
IK3SSO	"	93,900	796	23	77
IK2AOO	"	91,630	872	15	62
I1BAY	"	23,146	365	11	60
IØYQV	"	5,974	104	10	48
*IK4EWX	A	479,792	868	75	239
*IZ3DBA	"	297,560	849	53	162
*IZ8DVD	"	246,636	576	78	228
*II2B	"	198,720	516	67	203
					(OP: IZ2BKC)
*IZ2GMT	"	159,048	522	39	149
*IZ2EJU	"	104,477	283	56	135
*I2AZ	"	89,880	368	43	125
*IN3FHE	"	78,923	246	47	122
*IZ5AHB	"	71,022	341	44	134
*IZ1DXS	"	69,628	292	50	119
*IV3ARJ	"	65,312	240	45	112
*IR7A	"	63,984	177	54	132
					(OP: I7ALE)
*IK8MIG	"	44,756	208	35	99
*IV3IFN	"	36,186	145	44	119
*IK2NCF	"	35,880	195	31	84
*IV3KSE	"	32,600	160	33	67
*IKØMIB	"	30,128	178	37	75
*IZ4DZD	"	24,750	156	28	71
*IV3DYS	"	22,264	133	38	83
*IK7FMQ	"	21,912	166	43	89
*IKØNSF	"	19,698	160	33	65
*IZ1DBY	"	16,380	127	28	77
*IZ3GAK	"	15,219	129	27	62
*IZ4DYX	"	15,132	130	25	72
*IV3AZV	"	7,493	132	15	44
*IK2NUX	"	6,566	50	18	31
*IK4DCS	"	4,389	44	19	38
*IZ1GSO	"	3,053	52	14	29
*IK2RLS	"	2,820	70	18	42
*IZØBPI	"	2,074	42	14	20
*IK1WEG	"	336	74	19	37
*IR2M	21	196,420	770	34	106
*IK8TEO	14	57,526	405	24	74
*IV3TQE	"	31,061	207	23	66
*IZ8DBJ	"	22,599	160	23	70
*IZ8DWH	"	13,346	157	17	46
*IY4W	7	626,202	2128	37	134
					(OP: IK4ZGO)
*IN3ZWF	"	6,110	105	8	39
*IØKHP	1.8	348	23	3	13

JERSEY

GJ2A	A	1,330,592	2091	80	264
					(OP: K2WR)

KALININGRAD

RK2FXG	3.5	5,100	140	5	29
*RA2FAC	A	483,210	1185	65	230

LATVIA

YL2KO	A	2,375,520	2546	135	453
YL6W	"	1,862,580	1970	128	427
					(OP: YL2GD)
YL2PQ	"	1,332,834	2312	96	342
YL7A	7	160,000	659	36	124
					(OP: YL2GM)
YL2PA	"	61,776	365	30	102
YLØA	3.5	364,119	1813	31	116
					(OP: YL2KA)
YL3GDQ	"	66,483	694	16	67
YL1S	1.8	57,624	583	15	69
					(OP: YL2PP)
*YL2CV	A	640,770	1052	86	304
*YL3AD	"	191,345	606	54	191
*YL2CR	"	111,397	512	42	167
*YL2IP	"	97,580	304	59	179
*YL2PN	"	34,572	243	30	99
*YL2KF	"	14,110	121	19	64
*YL2PP	"	6,716	49	30	43
*YL3GFT	21	91,296	291	32	112
*YL5W	14	285,246	1078	35	124
*YL3DX	7	84,000	726	21	79
*YL3GCU	"	34,030	364	16	67
*YL3RW	"	13,130	170	13	52
*YL2RM	"	1,160	52	7	22

LITHUANIA

LY5R	A	1,946,880	2384	123	384
					(OP: LY3BP)
LY2MM	"	1,043,525	1460	102	343
LY4CW	"	693,440	1253	84	310
LY1CX	"	419,870	592	84	263
LY2XW	"	373,014	835	72	234
LY3BU	"	336,978	900	63	228
LY2BOS	"	184,788	575	54	182
LY2CO	"	65,469	380	35	104
LY2NK	"	62,060	327	32	113
LY2BW	7	35,025	464	17	58
LY7M	3.5	347,652	1590	31	117
					(OP: LY2BIL)
LY2KN	"	191,770	1011	26	101
LY5A	"	138,575	901	20	95
					(OP: LY2ZZ)
LY1DT	"	63,800	669	15	73
LY5G	"	52,338	598	12	66
					(OP: LY2FE)
LY2GW	"	51,528	606	11	65
LY4AX	"	21,708	296	10	57
LY2BNL	"	2,665	62	7	34
LY2IJ	1.8	167,127	1185	24	89
LY2OU	"	33,970	471	12	64
LY2LE	"	10,001	87	12	61
*LY9A	A	1,859,449	2063	111	410
					(OP: LY3BA)
*LY6A	"	1,092,183	1598	103	350
					(OP: LY2BM)
*LY2OO	"	409,734	1030	71	238
*LY2DV	"	181,188	555	57	195
*LY2LF	"	154,171	754	33	118
*LY3QA	"	126,525	596	37	138
*LY1BX	"	102,816	462	38	130
*LY2HK	"	102,036	679	33	99
*LY3CY	"	71,686	335	29	117
*LY2OM	"	64,000	337	33	127
*LY3BW	"	41,830	215	27	67
*LY2BJ	"	26,845	277	23	68
*LY1DM	"	5,760	62	24	48
*LY3JY	21	82,460	282	32	108
*LY2TE	14	220,968	951	30	102
*LY2AT	7	32,585	271	20	75

LUXEMBOURG

LX/DL5SE	A	464,576	1529	56	182
LX1NO	"	439,476	797	79	239
LX/DK4ARL	"	297,824	1384	48	179
LX6T	7	295,757	1434	35	126
					(OP: LX1KC)
*LX1JH	A	46,136	257	37	121

MACEDONIA

*Z32ZM	A	16,928	91	29	63

MALTA

9H1ZA	A	2,807,872	3014	133	468
*9H3LEO	14	2,222	53	5	17
					(OP: K2LEO)
*9H3MR	1.8	32,093	469	9	58
					(OP: IK1PMR)

MARKET REEF

OJØB	3.5	608,896	2867	31	111
					(OP: OH2PM)
OJØJ	1.8	127,688	1327	16	72
					(OP: OH2BO)

MOLDOVA

ER4DX	A	5,806,866	5046	148	535
					(OP: UT5UDX)
*ER5AG	A	249,400	993	50	165
*ER1OO	"	96,976	221	71	161
*ER3MM	21	7,722	79	25	41

NETHERLANDS

PA3AAV	A	1,841,424	2540	107	347
PA4A	"	1,218,591	2100	88	285
PA1T	"	582,108	874	96	262
PAØJNH	"	468,784	855	70	262
PAØLSK	"	31,396	155	32	62
PA9CW	"	14,964	100	26	61
PAØWRS	"	2,100	51	9	33
PA5WT	7	79,180	532	22	85
PAØBWL	"	68,487	419	23	88
PA3GVI	"	62,100	496	21	87
PA3ADJ	3.5	7,240	200	8	32
PA3GCV	1.8	38,512	431	18	65
*PA3BFH	A	551,897	1085	65	252
*PG7V	"	453,749	874	65	246
*PAØMIR	"	364,496	863	69	235
*PC4M	"	355,887	822	61	208
*PA2W	"	233,580	652	56	199
*PA3ARM	"	186,637	525	50	159
*PA7LV	"	101,314	295	48	131
*PAØLOU	"	97,868	263	50	122
*PA1BX	"	57,304	283	39	113
*PA3AQL	"	55,566	311	37	125
*PA3CQE	"	48,792	245	36	116
*PAØFAW	"	44,187	290	29	114
*PA2ALF	"	40,484	265	23	93
*PA3HGF	"	40,064	210	28	100
*PE2AE	"	29,083	204	35	92
*PA3AFF	"	27,501	186	28	75
*PAØLRK	"	20,418	114	35	69
*PE2JMR	"	19,894	178	23	75
*PA5P	"	13,398	98	23	64
*PA3GBI	"	12,350	115	21	44
*PA3DRZ	"	11,545	76	29	57
*PA3CLQ	"	10,878	144	19	79
*PAØB	"	9,246	97	19	50
*PA3CDN	"	8,946	136	19	52
*PAØW	"	4,774	135	21	56
*PAØATG	"	4,350	115	15	43
*PAØJED	14	110,548	465	27	89
*PG4I	"	21,386	164	19	55
*PA7HPH	"	10,810	146	12	34
*PA5GU	"	3,905	140	10	24
*PA1KW	"	100	19	7	12
*PAØKHS	7	4,095	83	9	30
*PA2CHM	"	3,327	104	9	34

NORWAY

LA7SI	A	79,234	287	49	124
LA2IJ	"	24,128	153	36	80
LA5HE	7	124,533	601	31	106
LA8XM	"	49,731	189	33	104
LA7THA	1.8	5,734	146	8	39
*LA3S	A	785,312	1335	75	293
					(OP: LA3BO)
*LA1YE	"	246,204	615	52	200
*LA8OM	"	102,222	454	40	122
*LA6CF	"	95,060	297	49	147
*LA9DK	"	82,110	311	41	129
*LA1PHA	"	54,600	254	32	98
*LA3ZA	"	48,438	184	34	128
*LB8AE	"	34,200	237	27	93
*LA7JKA	"	2,232	40	12	19
*LA1QDA	14	63,396	347	25	83
*LA8WG	1.8	12,863	218	11	53
*LA6PB	"	1,798	65	4	27

POLAND

SP4Z	A	2,743,227	2358	144	495
SP2QG	"	664,866	1230	92	295
SQ3A	"	123,216	325	55	149
SP5GH	"	86,923	216	70	224
SP1DPA	"	86,784	249	51	141
SP2BBD	"	81,106	223	63	151
SN7F	"	72,063	266	50	107
					(OP: SP7LFT)
SP4AVG	"	71,145	278	38	115
SP1S	"	63,246	192	49	117
SP1BBT	"	27,144	171	24	63
SP7BDS	"	5,525	84	22	58
SQ4MP	14	52,880	359	23	57
SN3A	3.5	581,532	2138	35	126
					(OP: SP3RBR)
SP8BRQ	"	361,934	1479	30	116
SP4MPB	"	263,994	1417	29	109
SP4JCQ	"	75,225	965	14	71
SN2M	"	59,976	545	17	81
					(OP: SP2XF)
SN5J	"	58,847	609	14	69
					(OP: SP5JXK)
SP9DWT	"	49,608	296	21	83
SP8BVN	"	43,512	540	12	62
SP3DIK	"	17,446	247	10	51
SO9O	"	12,900	145	17	83
					(OP: SP9P)
SP9DUX	"	10,528	219	7	40
SO2R	1.8	234,720	1483	25	95
					(OP: SP2FAX)
SP3BQ	"	228,327	1341	26	95
					(OP: SP8NR)
SN7Q	"	202,242	1324	24	87
					(OP: SP7GIQ)
SP2GJV	"	39,150	458	13	62
SP2HMT	"	26,102	399	10	52
*SQ9E	A	830,086	1468	86	296
*SQ9C	"	714,678	1245	85	298
*SP2HPD	"	560,880	1086	72	270
*SQ9FMU	"	404,040	795	74	238
*SP6LV	"	388,355	985	66	241
*SQ9MZ	"	378,994	791	80	242
*3Z8Z	"	288,410	568	82	220
*SP6IEQ	"	268,584	616	59	189
*SQ3RX	"	243,320	723	54	166
*SQ9HZM	"	201,135	557	73	192
*SQ9ZM	"	192,228	556	56	193
*SP6BEN	"	183,600	400	60	195
*SP6NIF	"	183,084	288	81	211
*SP9FT	"	175,474	502	55	166
*SP5MBA	"	169,218	442	57	180
*SP9GKM	"	168,756	586	44	152
*SP3DOF	"	154,128	425	56	152
*SP6TRX	"	150,696	388	64	188
*SP9GFI	"	131,208	439	55	158
*SP6AUI	"	131,080	304	57	175
*SP6KFA	"	131,040	539	42	140
					(OP: SP6JQC)
*SP9LAS	"	127,379	412	50	167
*SQ7B	"	126,940	441	44	176
*SQ9DXN	"	122,265	399	50	159
*SP8JUS	"	119,393	499	44	135
*SP5CGN	"	102,676	350	50	143
*SP2IW	"	92,685	310	49	136
*SP9BGS	"	91,140	331	52	144
*SP3DSC	"	89,280	378	51	129
*SP4DZT	"	77,710	252	47	143
*SP4AAZ	"	65,205	307	46	143
*SP9CV	"	52,164	265	43	118
*SP3OL	"	45,537	197	38	91
*SP7CXV	"	40,166	109	49	102
*SP3HC	"	36,047	239	28	85
*SP7FBQ	"	34,782	242	24	69
*SQ2AF	"	33,288	125	40	112
*SP3CDQ	"	32,596	191	33	83
*SP7FAH	"	28,438	131	39	79
*SP1RKT	"	25,016	222	58	154
*SP9KJU	"	19,173	123	29	48
*SQ9IWT	"	19,153	160	30	77
*SP6IHE	"	18,648	90	47	79
*SP1DTG	"	16,376	82	33	59
*SP7AWG	"	14,768	77	43	61
*SP5ATO	"	13,855	66	35	50
*SN6A	"	10,368	88	24	40
					(OP: SP6CES)
*SP1MWK	"	7,050	47	28	47
*SP5EPP	"	7,020	113	48	87
*SP5BYC	"	6,615	91	17	32
*SP9OHL	"	6,270	99	13	53
*SP3BGD	"	5,626	34	26	32
*SP8UFB	"	5,304	59	27	51
*SP7ENU	"	4,933	143	28	56
*SQ3DD	"	4,930	52	22	36
*SP9IHP	"	4,674	44	19	22
*SP9MAN	"	3,300	79	22	44
*SP2DKI	"	3,216	30	20	28
*SP8HPW	"	2,109	54	11	26
*SP8DHJ	"	936	17	12	12
*SQ6ELV	28	484	22	7	15
*SP3FYX	"	252	22	6	12
*SP2GCE	21	22,690	138	26	59
*SP9DLY	"	22,184	146	27	67
*SP2EXN	"	17,992	130	30	74
*SP3FPF	"	6,000	56	20	30
*SP2MHC	"	3,450	74	17	33
*SP3AZO	"	2,998	65	21	35
*SP9ADV	"	2,108	30	14	17
*SP3ASN	14	219,106	694	32	110
*SP2AVE	"	158,653	638	32	113
*SP8BAB	"	125,936	428	30	106
*SP9UMJ	"	119,316	439	28	94
*SP2JLR	"	48,925	262	24	71
*SO5O	"	38,556	382	30	89
					(OP: SP5ANJ)
*SP2JGK	"	15,120	134	16	47
*SP9QJ	"	14,403	236	11	53
*SP8CUR	"	13,000	122	16	36
*SQ8JLU	"	10,258	126	12	34
*SP6XP	"	7,552	83	16	43
*SQ5EK	"	4,100	34	19	31
*SP1BLE	"	2,406	94	8	23
*SP6DHH	"	1,839	59	8	22
*SN3X	7	233,064	1096	33	123
					(OP: SP3BHG)
*SP4TKR	"	142,516	688	33	125
*SP5CNA	"	55,680	353	25	91
*SP5OXJ	"	45,288	314	19	83
*SP6YF	"	22,651	148	21	80
*SP6RGB	"	15,760	192	16	64
*SP9DNO	"	13,944	170	17	67
*SP2IU	"	11,346	164	8	54
*SP7FGA	"	11,330	189	16	57
*SP5BB	"	5,847	97	12	43
*SQ3BDQ	"	5,712	60	17	39
*SP9CQ	"	4,960	61	13	49
*SP8CUW	"	4,750	69	10	28
*SP4FKS	"	4,503	169	11	46
*SP6FJ	"	144	7	5	7
*SP6M	1.8	9,860	164	10	48
*SP7EXJ	"	5,940	169	9	45
*SP3XR	"	5,354	65	4	25
*SQ7FPD	"	4,600	119	5	35
*SQ3GNA	"	1,190	93	5	30
*SQ1EUG	"	600	33	3	21
*SP8BWR	"	255	19	5	12

PORTUGAL

CT8T	A	6,374,362	5354	143	488
					(OP: OH1NOA)
*CT6A	A	4,730,157	3960	131	490
					(OP: CT1ILT)
*CS1GDX	"	324,480	768	61	179
					(OP: CT1DRB)
*CT1BQH	21	67,008	414	26	70
*CT1DJE	14	26,240	232	21	59
*CT4DX	7	12,528	167	10	48
*CT1FNT	3.5	6,345	106	9	47

ROMANIA

YO7BGA	A	506,160	1062	79	254
YO4CAH	"	207,397	585	55	206
YO3BL	"	138,690	322	64	166
YO3CDN	"	55	6	5	6
YO2RR	21	91,866	341	31	91
YO5OEF	"	47,320	158	33	97
YO6BHN	14	293,120	989	36	124
YQ9W	"	12,870	161	13	42
					(OP: YO9WF)
YR2I	3.5	332,166	1706	27	111
					(OP: YO2DFA)
YO5PBF	"	114,204	1178	18	75
YO2AQB	"	18,414	515	11	51
*YO3APJ	A	1,533,672	1618	120	417
*YR8B	"	457,177	1374	67	204
					(OP: YO8SS)
*YO5DAS	"	342,348	803	70	212
*YO8BPK	"	284,408	621	69	223
*YO3FRI	"	239,440	637	80	248
*YO8BPY	"	177,856	499	54	170
*YO9FYP	"	139,101	492	46	153
*YO7ARY	"	115,028	555	41	152
*YO4AAC	"	106,093	477	36	163
*YO7AWZ	"	83,955	417	39	154
*YO2MAX	"	81,158	296	51	136
*YO9CWY	"	73,140	391	37	122
*YO2QY	"	72,761	195	61	132
*YO8MI	"	70,583	317	78	100
*YO3BBW	"	65,824	287	49	127
*YO6GCW	"	47,360	206	43	105
*YO7LGI	"	37,500	193	36	89
*YO6AEI	"	22,163	176	31	81
*YO2GL	"	18,018	167	24	53
*YO4CSL	"	16,710	126	25	72
*YO7HHI	"	12,936	257	21	77
*YO9HG	"	12,580	165	18	67
*YO8DHD	"	5,307	90	16	45
*YO8AXP	"	3,848	72	17	35
*YO7BGB	"	1,989	60	17	34
*YO7LFV	"	288	9	9	9
*YO5CRQ	28	64	6	3	5
*YO4ATW	21	43,862	198	26	65
*YO8KOS	"	31,360	167	29	69
*YO9AGI	"	12,711	100	22	43
*YO9CXE	"	100	68	15	26
*YO4MM	14	27,878	236	20	55
*YO5TP	"	25,428	190	23	55
*YO4AH	"	8,820	97	17	32
*YO5CBX	7	131,040	847	24	93
*YO2AOB	"	60,895	532	19	76
*YO6EX/P	3.5	53,437	815	11	58
*YO6ADW	"	43,891	556	15	65
*YO2IS	1.8	26,820	528	8	52

SARDINIA

ISØHQJ	A	129,030	567	50	115
ISØN	3.5	442,986	2182	26	103
					(OP: OL5Y)
ISØU	1.8	125,019	1155	16	71
					(OP: IN3QBR)
*ISØIGV	A	181,922	695	44	144
*ISØOMH	"	111,361	416	49	144
*ISØVSG	"	53,576	203	50	98
*ISØMYN	14	24,075	197	19	56
*ISØXDA	7	24,900	201	16	67

SCOTLAND

GMØF	A	2,491,314	3143	114	369
					(OP: GM4AFF)
GM4SID	"	368,530	906	59	215
GM3W	"	289,152	873	56	136
					(OP: GM3JKS)
GM4YXI	3.5	325,130	1755	29	101
GM5A	"	100,687	650	23	84
					(OP: MMØCCC)
GMØGAV	1.8	185,136	1109	23	91
*GM7TUD	A	55,419	196	41	106
*GMØIIO	21	32,476	285	19	73
*MMØBSM	"	12,000	110	12	48
*GM3CFS	14	70,236	407	21	84
*GM3YEH	1.8	5,733	163	6	43

SICILY

IT9ZAU	A	91,010	902	25	70
IT9LWP	21	27,520	259	22	58
*IT9ORA	A	561,384	1094	82	257
*IT9ESW	7	18,825	263	17	58

SLOVAK REPUBLIC

OM6KW	A	791,538	1200	90	312
OM8AA	"	334,044	661	85	239
OMØM	3.5	413,472	1856	30	116
					(OP: OMØWR)
OM7RU	"	76,360	785	15	68
OM4APD	"	8,415	202	7	38
*OM8AQ	A	778,544	1174	97	297
*OM8ON	"	687,628	798	105	307
*OM7CA	"	650,830	1157	89	281
*OM5NL	"	550,544	1120	70	234
*OM1II	"	530,058	1008	81	253
*OM2AK	"	472,164	999	73	235
*OM7AG	"	451,440	1067	61	224
*OM3PQ	"	243,780	672	50	189
*OM3BA	"	242,580	673	56	204
*OM3CFR	"	207,450	629	52	173
*OM7YC	"	200,031	552	56	167
*OM4W	"	171,360	743	44	160
					(OP: OM4KW)
*OM1AF	"	152,352	498	47	160
*OM5UM	"	139,605	546	45	160
*OM4DA	"	70,716	346	37	105
*OM3GB	"	66,066	194	47	96
*OM6AL	"	55,845	473	29	124
*OM7AT	"	34,627	403	37	81
*OM1TD	"	7,392	94	21	56
*OM3CHL	"	5,986	161	15	58
*OM5MX	"	2,448	33	22	26
*OM4AMA	"	1,872	120	20	58
*OM8FF	21	37,149	179	29	58
*OM8HG	14	40,803	261	23	64
*OM2AW	"	33,624	301	18	54
*OM5LR	"	27,087	211	18	44
*OM4WW	7	79,583	450	29	100
*OM6TX	"	58,311	447	18	81
*OM3CDN	"	10,616	158	12	48
*OMØTT	1.8	31,727	548	8	57
*OM3TLE	"	4,329	116	6	33

SLOVENIA

S5ØA	A	4,752,033	3763	156	471
S53XX	"	1,692,480	1987	119	361
S54X	"	601,649	905	93	280
S57S	28	15,808	147	20	56
S5ØK	21	365,672	974	37	135
S51FB	"	198,594	806	32	86
S57AL	14	580,470	1739	37	128
S59ABC	"	572,241	1674	37	122
					(OP: S51DS)
S53M	"	427,576	1337	35	117
					(OP: S51RJ)
S5ØC	3.5	467,166	2005	30	117
					(OP: S53MM)
S53F	"	244,644	1487	22	94
S52W	"	119,392	981	16	75
S52X	"	29,524	503	11	50
S57M	1.8	131,373	1106	20	79
*S51F	A	1,227,570	1311	119	391
*S59N	"	893,631	1725	100	317
*S57U	"	700,158	1212	77	289
*S52OT	"	547,596	848	94	277
*S51AY	"	213,528	593	54	192
*S53AU	"	137,532	258	67	152
*S58RU	"	58,904	393	54	145
*S53AK	21	70,523	333	32	77
*S52GO	14	74,152	394	24	80
*S54A	7	333,540	1336	35	135
*S51MF	"	69,960	345	27	93

SPAIN

EA5FV	A	3,116,265	3466	111	404
EA4KA	"	1,022,400	1640	78	242
EA7CA	"	113,176	342	48	140
EA1OJ	"	42,742	170	44	98
EA3FM	"	100	58	11	23
EA2LU	14	81,510	588	21	45
EA5RS	7	659,664	2113	35	127
EA3AKY	"	593,864	2279	32	120
EA1FBU	"	44,196	382	19	68
EA1WX	3.5	64,214	509	16	81
EA1EB	"	7,198	102	8	51
EA5HT	1.8	8,195	147	8	47
*EA7RM	A	2,039,040	2240	105	367
*EA2AZ	"	1,754,739	1987	114	405
*EA4DRV	"	1,241,838	1839	83	283
*EA7AJR	"	709,308	1247	70	236
*EA2BNU	"	622,454	965	79	267
*EA1JO	"	528,162	858	73	266
*EA4NP	"	496,592	844	77	251
*EA5GX	"	439,040	807	81	239
*EA7WA	"	257,200	617	55	145
*EA2BOV	"	165,466	433	60	163
*EA3BHK	"	147,681	272	81	188
*EA3BOW	"	129,696	492	47	146
*EA1BRB	"	123,039	377	47	142
*EA5EOH	"	109,220	326	46	126

*EA7CWA	"	103,448	286	53	140
*EC7ABV	"	99,412	626	31	85
*EA5GQM	"	96,250	300	51	124
*EA5LA	"	94,872	349	48	129
*EA1MR	"	86,151	297	40	101
*EA1DGG	"	72,086	338	33	100
*EA5KV	"	65,283	221	41	100
*EA3AVV	"	62,400	205	46	104
*EA4CRP	"	59,192	236	48	103
*EA3ALZ	"	48,880	199	41	89
*EA3AXM	"	34,798	160	39	88
*EA3CEC	"	25,380	122	36	72
*EA3GHZ	"	24,360	143	32	73
*EA4CJI	"	18,876	172	42	90
*EA4OA	"	17,848	111	32	60
*EA5ARC	"	15,390	117	24	30
*EA5ABH	"	15,012	174	34	74
*EA2AHZ	"	14,355	76	40	59
*EA1AUS	"	13,286	73	31	60
*EA7EYQ	"	10,044	93	28	53
*EC1DMY	"	9,180	116	17	28
*EA3EU	"	8,890	60	24	46
*EA5GIE	"	8,690	93	20	35
*EA1RCO	"	7,822	89	20	60
*EA4CWN	"	6,510	62	22	40
*EA4BGM	"	5,880	96	12	12
*EA2GC	"	4,433	47	10	41
*EA5TD	"	3,792	56	28	51
*EA1CGK	"	2,379	32	14	25
*EA3OH	"	2,009	24	17	24
*EA4WD	"	1,558	47	10	28
*EA1FCH	"	1,452	19	14	19
*EA1FBJ	"	46	31	9	14
*EA7GV	28	2,046	32	8	14
*EA7KJ	21	33,078	280	19	55
*EA4AYD	"	6,639	76	15	31
*EA1CS	14	93,590	562	24	74
*EA4BF	"	41,902	355	18	64
*EA1ND	"	24,674	209	20	53
*EA7MT	7	30,102	238	18	69
*EA3DVJ	"	1,768	57	7	27
*EA2SW	1.8	100	25	4	14

SVALBARD

JW1CCA	A	138,385	445	45	106

SWEDEN

SM7YEA	A	1,061,095	1955	82	273
SM5Q	"	585,336	1029	91	260
SA6A	"	196,800	484	57	183
					(OP: SM6JSM)
SM6WET	"	145,612	466	55	181
SM5QU	"	131,675	438	50	179
SMØEPO	"	89,178	398	43	135
SM3B	"	72,640	294	48	112
SM3Q	"	58,240	207	46	114
					(OP: SM3BFH)
SM4TU	"	9,462	64	30	59
SM5GMZ	"	162	14	6	12
SM5INC	14	572,976	1955	36	108
SM7CQY	"	53,440	317	22	58
SM6NM	"	45,050	305	21	64
SA25RO	"	30,150	191	26	64
					(OP: SM5CBM)
SM2CVH	"	24,108	158	22	60
SMØP	7	536,877	2191	36	117
					(OP: SMØPSO)
SM6DHU	"	140,306	679	34	112
SK3W	3.5	387,186	1703	31	110
					(OP: SM5IMO)
SM6CNN	"	278,320	1361	30	112
7S7V	"	154,809	1254	18	85
					(OP: SM7VZX)
SM6IQD	"	14,278	168	11	48
SM5MX	"	13,585	253	7	48
8S6A	"	11,475	259	6	39
					(OP: SM6DPF)
SLØW	1.8	115,185	898	21	84
					(OP: SMØAJU)
SM5CEU	"	108,819	830	23	84
SK3GW	"	93,279	793	19	74
					(OP: SM3SGP)
SM5CLE	"	39,220	490	13	61
SM3CCM	"	4,400	59	11	39
					(OP: SMØCCM)
*SM6D	A	502,495	974	75	268
					(OP: SM6DER)
*SM6NET	"	337,386	852	54	223
*SM7X	"	321,300	734	68	238
					(OP: SM7DIE)
*SM5G	"	237,900	627	51	193
					(OP: SM5JBM)
*SM6CRM	"	214,830	579	46	185
*SM5AOG	"	197,676	472	53	175
*SM7EH	"	184,080	582	48	188
*SM7BJW	"	145,044	405	56	148
*SMØWRA	"	110,152	369	47	149
*SM3JUR	"	91,857	390	46	155
*SM5BAX	"	70,493	288	39	118
*SM7CWI	"	51,840	202	38	90
*SM3EAE	"	44,660	278	26	84
*SM6AOU	"	30,600	114	52	98
*SM3R	"	16,562	162	22	76
					(OP: SM3CBR)
*SM5DXR	"	6,216	58	24	50
*SM6Z	"	3,608	41	17	27
					(OP: SM6BZE)
*SM2IEO	"	1,763	29	15	26
*SM7BQX	14	11,776	136	15	49
*7S2E	1.8	18,678	311	11	55
					(OP: SM2DMU)

SWITZERLAND

HB9MM	A	1,938,966	2502	111	350
					(OP: W3EF)
HB9AZZ	"	272,718	584	68	210
HB9CPS	"	87,542	391	38	131
HB9EP	14	259,692	1173	29	85
					(OP: HB9DQP)
HB9CZF	7	87,579	414	27	84
HB9FBM	"	31,892	267	14	54
HB9CRV	3.5	185,670	1533	18	72
HB9DDO	"	48,640	407	16	60
*HB9ARF	A	738,783	1049	90	297
*HB9DCM	"	556,285	877	89	266
*HB9BXE	"	214,144	568	62	162
*HB9DOZ	"	2,346	34	14	20
*HB9DHG	14	73,793	376	27	82
*HB9/IV3LZQ	7	31,160	243	19	76

UKRAINE

UW5U	A	1,399,648	1932	105	353
					(OP: UY2UA)
UR7EQ	"	546,090	1185	71	256
UT8EU	"	403,650	908	79	220
UR8MA	"	370,944	699	94	242
UR8RF	"	361,456	712	73	255
US3IZ	"	344,080	902	60	193
UT5ECZ	"	167,856	598	43	165
UR5WCQ	"	161,655	563	44	151
US7IA	"	121,487	396	56	189
US3WD	"	46,400	182	50	110
UX3ZW	"	1,950	28	15	24
UX7IA	21	188,480	663	34	126
UX4UA	14	393,700	1291	36	119
UT4EK	"	202,710	789	32	113
UT4ZG	7	236,538	1045	33	120
U5WF	"	173,650	786	32	119
UU4J	"	13,760	156	14	50
					(OP: UU4JO)
UR4ZWL	"	7,080	80	15	45
					(OP: USØZZ)
UT3UA	3.5	321,860	1527	28	112
US4EX	"	107,952	823	19	85
UT2UB	"	91,080	822	19	80
UR5IOK	"	81,699	611	24	89
US9PA	"	71,101	571	17	80
US2WU	"	43,164	467	18	81
UW8SM	"	27,729	321	13	66
UT4PZ	"	17,346	273	8	51
UR5IHQ	"	11,648	221	10	46
UX4E	"	9,744	201	10	38
UR6IJ	"	780	17	10	16
UT3EK	"	660	43	6	24
EO6F	1.8	39,225	458	13	62
					(OP: UXØFF)
UYØZG	"	36,498	423	14	65
*UR5HAC	A	1,671,824	2089	116	390
*USØKW	"	1,082,135	1316	119	374
*UT2UZ	"	1,074,840	1157	119	388
*UT5UIA	"	608,608	1056	81	283
*UY5HF	"	565,323	1042	101	306
*UY1HY	"	477,280	814	90	290
*UT3UZ	"	384,028	736	81	245
*UY5TE	"	299,820	821	60	203
*UR3IQO	"	256,736	538	66	218
*US8IM	"	178,422	658	51	176
*UX8IR	"	167,085	442	60	175
*UR5FS	"	165,984	447	58	166
*UU2JA	"	163,540	342	65	195
*US7IID	"	145,801	446	50	161
*UU2JG	"	134,829	394	49	162
*UT7WR	"	132,600	484	44	160
*UR5IPD	"	128,898	445	44	154
*UT5JAB	"	82,026	338	46	143
*UR5WX	"	74,298	318	44	130
*US5EEK	"	71,441	263	52	147
*US6EX	"	39,114	134	53	106
*UX5UU	"	35,140	167	39	101
*UR7HEC	"	24,603	220	37	102
*UU7JN	"	24,510	97	39	75
*UR5WDQ	"	24,310	228	25	85
*UT5ZY	"	16,700	81	41	59
*US8MX	"	12,768	91	28	56
*US3IUK	"	9,996	61	30	54
*UW2ZM	"	7,326	91	23	51
*UR5ZQV	"	2,773	82	12	35
*UTØRM	"	1,665	28	15	22
*UT5UGQ	"	1,628	42	9	28
*UT1IA	28	10	3	2	3
*UR8IDX	21	45,360	213	29	79
*UT3FM	"	43,884	193	31	75
*UX7UN	"	32,548	174	28	75
*UX5EF	"	27,851	143	29	68
*UT2QQ	"	8,120	105	21	49
*UXØZX	14	228,300	837	34	116
*UT5KO	"	112,221	558	29	82
*UR7QM	"	103,212	585	29	93
*UX7QD	"	58,652	493	21	65
*UT4NY	"	57,500	278	26	74
*UT1PO	"	46,075	260	21	74
*UY5YA	"	19,976	175	24	64
*UY3AW	"	15,318	129	21	48
*UR3LPM	7	104,958	606	25	94
*UW2F	"	86,784	545	23	90
					(OP: UTØFT)
*UT7MA	"	76,782	455	29	105
*UR8QR	"	58,984	420	20	81
*UT4NW	"	42,826	289	22	76
*UT1FA	1.8	27,744	425	10	58
*UX5NQ	"	25,075	495	9	50
*UT3N	"	11,546	250	7	39
					(OP: UT3NK)
*USØQG	"	1,973	69	6	25

WALES

MW5A	A	4,063,103	3986	117	400
					(OP: G3WVG)
GW3JXN	"	818,910	1592	81	256
GW3NJW	"	498,602	1095	64	190
GW3NAS	"	123,582	338	69	189
*MWØYDX	A	92,960	347	42	118
*GW4HBK	"	45,844	213	44	102
*GW4MVA	7	49,006	258	24	83

YUGOSLAVIA

YU2A	28	3,895	93	9	32
					(OP: YU1BX)
YZ9A	14	670,419	2073	36	127
					(OP: YU1AU)
YT1W	"	523,378	2109	37	130
YT7A	7	682,136	2274	37	145
YU7KW	"	672,864	2360	36	136
4N1A	"	594,948	2506	35	137
					(OP: YZ1ZV)
YT7AA	"	61,087	244	30	97
YT2T	3.5	262,000	1601	28	97
					(OP: 4N1JA)
YU1KR	"	244,419	1599	22	91
YT2A	"	145,410	1102	21	90
					(OP: YZ1SG)
YU1EQ	"	47,600	494	16	69
YT1VP	"	44,109	472	16	71
YU7AV	1.8	150,360	1210	22	83
*YZ5C	A	1,393,560	1756	115	375
*4N7N	"	1,389,440	2038	103	313
					(OP: YU7WW)
*YU7AM	"	345,712	756	69	203
*YU7LS	"	296,593	852	48	208
*YU8/S56M	"	175,319	750	47	152
*YU1JF	"	103,455	241	71	138
*YT1AT	"	16,892	154	30	73
*4N1N	21	169,717	532	35	122
					(OP: 4N1LB)
*YU5W	"	104,466	343	33	105
*YT7N	"	40,582	193	30	73
					(OP: YU7QL)
*YZ1AU	14	260,316	1098	34	92
*YU7KM	"	77,955	404	26	87
*YT1BX	"	59,558	415	24	73
*YU1LA	7	217,664	966	32	120
*YU1AFP	"	150,420	1312	29	80
*YU1BN	"	33,418	336	13	64
*YT2B	"	15,470	195	16	54
*YT2W	1.8	16,409	263	6	55
					(OP: YU1RA)
*YU1AST	"	2,700	74	6	30
					(OP: YZ1EA)

OCEANIA

AUSTRALIA

VK2GC	A	2,267,745	2293	108	257
					(OP: K5KG)
VK7GN	"	879,612	1397	87	189
VK2NU	"	464,512	587	98	206
VK2GWK	"	10,374	64	35	43
VK4AN	7	271,570	810	31	99
*VK2IMM	A	652,790	803	95	195
*VK2GR	"	210,888	393	79	153
*VK4TT	"	170,754	431	59	90
*VK6HG	"	112,665	267	66	119
*VK4BUI	"	111,826	194	70	151
*VK2AR	"	77,736	215	49	109
*VK4VFX	"	54,096	217	49	89
*VK6HZ	"	23,250	114	52	73
*VK4EJ	"	22,008	117	35	49
*VK2PN	"	4,745	115	31	42
*VK2WL	"	2,812	34	18	20

EAST MALAYSIA

9M6/G3OOK	A	762,437	1031	88	175
9M8YY	7	408,384	993	36	108
					(OP: JR3WXA)

EAST TIMOR

*4W3ZZ	A	581,427	980	93	138
					(OP: DU9/N0NM)

HAWAII

AH7C	A	115,416	263	70	98
KH6ZM	"	99,603	266	66	87
KH6FI	"	51,342	152	62	67
KH6/K1ER	"	30,888	125	52	56
KH7X	7	1,152,704	2468	39	127
					(OP: KH6ND)
*KH6RZ	A	163,725	445	82	95
					(OP: W6YM)
*KH6/NØCO	"	57,743	200	50	63
*KH6/K7AO	7	279	15	4	4

INDONESIA

YB5AQB	21	62,400	322	27	53
YC2MXV	3.5	3,672	50	19	32
*YBØDPO	A	840,699	987	104	217
*YC3MM	"	76,884	227	42	87
*YBØUNC	"	69,615	295	38	53
*YD3KWR	21	14,672	119	18	38
*YB5QZ	7	34,374	170	27	75

NEW ZEALAND

*ZL/KM9D	A	363,182	595	80	146
*ZL2AL	"	242,970	469	77	133
*ZL/DL2GK	14	4,452	50	15	27
*ZL1KMN	7	4,329	45	13	24
*ZL4JB	"	616	20	9	13

NORTHERN MARIANAS

WHØV	A	693,129	1043	101	156

PHILIPPINES

DU3NXE	A	352,914	971	59	72
*DX1DBT	A	363,138	852	68	106
*DV3ZQR	"	24,108	109	35	49

TONGA

*A35TT	A	86,144	275	53	75
					(OP: DL4RDJ)

SOUTH AMERICA

ANTARCTICA

R1ANT	A	474,600	763	72	154
R1ANN	7	287,900	1032	22	78
*R1ANC	14	7,144	59	17	30

ARGENTINA

LU7DIR	A	279,444	592	56	118
LU1DZ	"	80,000	295	31	69
LU1HF	28	363,610	1168	32	98
LU6ETB	"	282,672	972	26	78
					(OP: LW9DA)
LT2H	"	273,258	1030	28	74
					(OP: LU7HN)
AY8A	21	855,760	2359	37	115
					(OP: LW9EOC)
LT1F	"	710,016	1947	29	100
					(OP: LU1AEE)
LU7YS	14	187,074	656	33	81
LU8YE	1.8	253	10	6	5
					(OP: LU7YS)
*L73E	A	1,247,824	1426	95	239
*LU1EWL	"	403,904	841	71	134
*LU7DNN	"	238,464	401	69	147
*LU2AS	"	154,017	386	57	100
*LR1F	"	78,400	195	55	105
					(OP: LU5FD)
*LU2EE	"	47,944	182	44	60
					(OP: LW5EE)
*LU9FFZ	"	575	33	11	12
*LU8EOT	"	125	19	13	12
*LU1FAM	28	155,156	727	21	58
*LW5EE	"	15,840	186	11	21
*LW2DX	"	9,361	102	16	21
*LU2FLN	21	167,900	991	20	72
*LW5DD	"	12,390	110	19	51
*LW2EU	14	12,455	87	26	49
*LU5BE	7	5,324	72	16	28

ARUBA

P4ØW	A	11,100,243	6438	149	460
					(OP: W2GD)
P43JB	14	280,800	1044	25	83
*P43E	A	288,864	787	48	88

BRAZIL

PS2T	A	6,411,664	4242	141	391
					(OP: N6AA)
PY3AU	"	261,459	496	64	145
ZX2B	"	147,606	259	66	153
					(OP: PY2MNL)
PT5A	21	1,021,776	2465	37	131
					(OP: PY2EMC)
PY2NA	"	789,239	1787	35	122
ZX5J	14	1,230,120	2424	39	141
					(OP: IV3NVN)
PY2NY	"	819,007	1836	38	123
PX8C	7	648,243	1543	32	127
					(OP: PY8AZT)
PY7ZY	"	494,904	1334	32	104
PY2YU	3.5	31,624	170	18	49
PR7AR	"	22,572	198	13	53
PV8AZ	"	1,020	83	9	21
PY2FUS	1.8	2,760	46	9	15
*PY2IQ	A	400,294	636	71	162
*PY5BLG	"	394,858	828	67	135
*PY5EG	"	11,448	100	41	65
*PY7OJ	"	9,933	62	33	44
*PY3SB	"	3,363	38	26	33
*PY2BRZ	"	1,036	57	14	14
*PY7EG	"	261	11	5	4
*PY3YD	"	54	3	3	3
*PY1MK	28	13,455	127	18	27
*PY4CEL	21	173,072	584	28	88
*PY8MGB	"	133,023	595	20	67
*PY2HL	"	42,381	352	15	36
*PY1CMT	"	270	20	9	9
*PY4FQ	14	17,990	117	21	49
*PT8CWA	"	10	5	3	4
*PP7ZZ	7	41,440	198	21	59
*PY7GK	"	6,244	110	9	19
*PV8DX	1.8	10,879	97	12	31

CHILE

CE3BFZ	A	283,421	758	58	81
XQ1VLY	14	4,664	46	19	34
*XQ4ZW	A	931,368	1229	93	209
*CE1URJ	14	7,728	100	18	24

COLOMBIA

HK3CQ	A	554,323	902	77	176
HK3AXY	21	35,595	295	12	33

PARAGUAY

ZPØR	A	1,804,752	2062	101	231
					(OP: N5ZO)

TRINIDAD & TOBAGO

9Y4AA	A	6,921,538	4515	135	424
					(OP: N6TJ)

URUGUAY

CX7TT	28	285,798	903	26	88
CW5T	14	1,173,008	2607	39	128
					(OP: K9VV)
CX7BY	"	413,326	1004	36	110
*CX9AU	14	379,389	1070	33	96
*CX4SS	"	303,441	1007	35	88

VENEZUELA

YW4D	A	7,717,876	4736	140	447
					(OP: YV1DIG)
YV5LIX	14	28,728	374	14	22
4M5Y	3.5	270,066	1023	23	80
					(OP: YV5LIX)
*YV5KG	14	185,250	1101	32	82
*YV7QP	"	83,880	507	21	69

QRP

P4ØA	A	4,014,648	3496	99	297
					(OP: KK9A)
K1TO/4	"	1,529,442	1162	107	379
C6AUR	"	1,336,677	2077	85	254
DK5WL	"	605,862	972	79	268
UA9SG	"	562,565	790	66	229
N8ET	"	553,443	629	84	257
OK1VBA	"	549,664	903	83	273
EA1FAQ	"	533,455	1175	68	215
SM3C	"	402,537	851	67	260
					(OP: SM5CCT)
RA9SO	"	401,024	622	54	187
JR4DAH	"	396,090	611	92	178
US2IZ	"	381,350	941	60	230
N1TM	"	350,842	503	61	202
OK1JOC	"	346,896	811	49	215
DF1DX	"	336,441	737	58	201
VA3DF	"	333,450	651	53	172
W6JTI	"	332,847	459	97	182
UA6LCJ	"	302,742	750	63	215
G3YMC	"	301,860	833	48	212
GW4ALG	"	298,196	811	52	202
RV3QX	"	267,138	686	63	228
SM6EQO	"	259,548	734	50	208
G4DBW	"	239,280	653	47	193
YU1LM	"	227,136	660	53	171
WA8WV	"	207,691	349	61	178
EA3IW	"	202,840	542	59	161
HB9CBR	"	197,448	462	61	167
K8ZT	"	197,099	356	68	191
S59D	"	179,400	552	71	205
LY2TS	"	177,216	633	40	152
EW1NA	"	175,225	507	48	167
OL3M	"	172,800	658	46	179
					(OP: OK1TGI)
SP9NSV/7	"	168,454	575	44	165
MM3AWD	"	147,183	527	39	174
N8IE	"	147,168	280	58	166
LY6ØBY	"	143,613	586	40	157
					(OP: LY3BY)
NU4B	"	127,305	241	54	153
VE3XL	"	125,550	361	44	111
GØDCK	"	106,029	473	39	150
RV9COI	"	98,420	262	32	108
DL2YMR	"	97,336	388	38	146
JA1NLX	"	90,792	252	62	94
W5KDJ	"	88,816	233	56	126
NDØC	"	85,086	218	53	110
KØGT	"	81,243	177	55	122
K4ORD	"	77,572	190	52	112
UA9BS	"	72,588	236	36	102
KT8K	"	67,166	187	42	100
EA7AAW	"	66,356	309	29	77
PA3AM	"	65,912	342	35	119
AA1CA	"	58,646	196	41	101
UY7C	"	57,812	249	32	117
					(OP: UR3CMA)
VK2BAA	"	56,810	210	50	65
VE3QDR	"	52,864	297	33	79
UX8ZA	"	49,824	237	33	111
NØUR	"	48,906	158	36	81
K4AQ	"	43,542	151	37	86
VA3SB	"	42,681	169	36	87
GM4HQF	"	40,677	235	22	69
K7MM	"	40,222	164	24	67
DL1LAW	"	38,908	277	25	112
OO6QS	"	38,875	291	31	94
					(OP: ON6QS)
WZ2T	"	38,168	143	32	72
WA8REI	"	37,674	142	34	83
HA1CW	"	36,162	220	26	97
HB9AYZ	"	35,264	221	26	90
WØUY	"	35,086	135	35	71
VE7NI	"	34,916	202	30	56
ISØLDT	"	31,038	190	33	91
K7TQ	"	30,576	162	44	68
W1VET	"	29,988	117	25	73
K4GT	"	29,125	121	36	89
SP3BLT	"	28,350	170	28	98
KC9HAV	"	28,222	144	44	93
LZ1IQ	"	27,328	166	31	81
W4QO	"	23,560	98	28	67
RU3RM	"	19,982	134	24	79
RV3DBK	"	19,847	182	18	71
PY1KO	"	18,236	146	38	56
K4KSR	"	18,056	130	36	86
USØYA	"	17,608	93	26	45
W1XT/7	"	16,168	79	36	50
RX6CW	"	15,910	151	18	68
KØCD/9	"	15,397	75	33	56
PI6ØNWG	"	15,224	185	20	68
					(OP: PA1B)
HB9QA	"	14,317	102	32	71
DHØJAE	"	14,111	148	23	80
OK2NA	"	12,920	111	31	64
KIØG/5	"	12,896	109	50	74
SA2E	"	12,649	143	22	69
					(OP: SM2EKA)
LA8PV	"	9,975	101	24	71
K2EKM/4	"	9,825	61	24	51
DL2WRJ	"	9,682	113	30	64
PAØRBO	"	9,344	117	21	52
DJ5QK	"	8,505	129	20	60
G4ILO	"	8,154	115	15	39
RX3DOR	"	7,524	81	20	56
DL2EF	"	7,140	129	18	52
DL1RNN	"	5,676	88	14	52
K2JT	"	5,396	41	24	37
PA1W	"	5,396	90	23	53
JE1CAC	"	5,152	51	25	31
SV1JSB	"	4,345	60	17	38
N4HH	"	4,136	37	16	31
PA1B	"	4,032	59	12	30
YO4RLP	"	3,864	111	17	52
W2JEK	"	2,749	36	19	27
JH1NXU	"	2,575	35	19	23
JK1TCV	"	2,542	27	21	20
KC9ECI	"	2,295	42	20	25
RN6AH	"	2,236	25	18	25
SP9IKN	"	1,707	89	25	66
DL8MTG	"	1,632	26	11	23
DL3BVA	"	1,440	46	9	21
SP9AJM	"	1,305	19	13	16
F5MPS	"	1,096	106	29	84
SM6PPS	"	912	33	11	27
K4UK	"	864	17	13	14
WD5BJT	"	832	25	13	19
JHØQYS	"	810	19	13	16
DH5ST	"	720	30	10	20
EA5EXK	"	720	17	7	9
K3OQ	"	608	27	14	24
SM5EFX	"	112	8	6	8
KW4JS	"	100	77	33	54
AB8DF	"	100	12	7	10
AK7V	"	77	13	6	5
LZ2LE	"	61	480	28	83
VA3RKM	"	60	7	5	5
JG2MLI	28	4,836	56	16	23
W6QU	"	2,204	31	10	19
					(OP: W8QZA)
JK3ZQJ	"	143	8	5	6
					(OP: JG1EIQ)
DL9ZP	21	85,914	295	31	98
KR2Q	"	64,152	236	21	78
HA7MW	"	61,504	208	34	90
LU5FZ	"	41,230	247	17	45
JI1AQY	"	38,800	222	28	52
JQ1NGT	"	34,573	226	27	50
UA9FQY	"	34,112	183	19	63
SP2PI	"	32,760	167	27	63
JR1NKN	"	29,304	180	27	45
HAØGK	"	28,336	171	24	53
RUØUQ	"	20,150	298	14	36
BA6QH	"	11,016	109	18	36
ES1CR	"	10,655	91	20	49
WA6FGV	"	7,661	62	17	30
F5VBT	"	7,065	113	14	31
MØO	"	6,160	79	16	39
					(OP: G4JZO)
JA1KPF	"	3,815	49	15	20
NØUNL	"	3,744	38	13	26
					(OP: NØKIS)
RA3XEV	"	2,772	48	9	27
OK1AIJ	"	2,106	39	10	16
SP9RQH/9	"	342	15	7	11
SU8BHI	14	468,875	1509	29	92
					(OP: HA3JB)
S56A	"	237,546	720	34	125
EU8RZ	"	191,835	724	33	112
YU1AFT	"	162,435	1049	29	76
OM7DX	"	148,875	690	28	97
K3TW	"	130,688	376	28	100
SP6T	"	127,428	429	34	114
VE6EX	"	121,900	634	21	71
SP5DDJ	"	114,708	412	34	98
S52P	"	108,171	442	30	89
G3LHJ	"	78,578	385	23	78
LY4BF	"	76,272	397	26	86
RW3AI	"	70,498	433	25	76
SMØGNS	"	56,950	407	18	67
RK9QWZ	"	55,261	279	18	55
					(OP: RW9QA)
SP4GFG	"	47,470	281	23	71
RZ9IB	"	29,214	250	12	42
KH6WW	"	24,048	216	21	27
					(OP: N6XG)
RK3RX	"	23,328	262	17	55

SN8A	"	21,508	202	20	56
					(OP: SP8AQA)
W6YJ	"	16,864	116	23	45
PE2T	"	15,235	146	16	39
					(OP: PC2T)
RX6LDK	"	11,956	139	13	48
GIØKVQ	"	10,935	174	9	18
JA4DQX	"	7,560	79	18	27
UA3AAP	"	6,600	106	11	39
9A8MM	"	4,522	79	8	26
DG3MKO	"	3,604	60	10	24
BA6QA	"	3,311	99	15	28
JH8FAJ/7	"	3,147	46	15	24
DF3SM	"	1,844	51	6	16
S54AA	7	152,950	565	34	127
G4EDG	"	93,692	503	22	96
OK2BYW	"	88,191	485	24	99
UU2CW	"	69,734	478	24	95
YZ8A	"	65,375	338	29	96
					(OP: YT1AA)
RN6AL	"	64,496	360	25	91
DL1DQY	"	46,091	259	26	98
DK3W	"	45,045	353	16	75
					(OP: DL6MHW)
F5UL	"	40,866	323	18	80
HB9CEY	"	37,710	279	17	73
SP4TBM	"	36,105	314	16	71
G4CWH	"	31,896	390	11	61
PG2AA	"	26,288	393	10	52
UN7CN	"	26,047	181	13	48
RV3FW	"	24,621	213	22	65
IØZUT	"	24,336	173	15	63
SP3PSM	"	14,062	127	16	63
UT5UQV	"	11,288	107	12	56
DL4TJ	"	10,877	163	16	57
DK4CU	"	10,542	170	10	55
SP5XSB	"	9,918	162	9	48
NE6M	"	4,400	51	17	23
WD2E/4	"	4,224	68	16	32
OH2BEC	"	682	31	5	17
PV8IG	"	100	73	12	24
EW2AA	1.8	12,600	232	9	47
S57MSU	"	12,095	240	9	50
OH7FF	"	8,526	204	5	37
VE3DO	"	7,391	207	8	11
K3BU	"	4,865	74	10	25
RU2FM	"	3,325	105	4	31
SP9W	"	2,448	74	5	31
SP9DTH	"	1,320	39	5	28
N7IR	"	1,071	25	10	11
N8XA	"	456	21	7	7
SP9KJ	"	108	37	5	22
YU15ARDF	"	99	7	4	7
					(OP: YU1UA)

ASSISTED

NORTH AMERICA

UNITED STATES

K1JB	A	1,957,130	1379	105	406
N1DG	"	1,715,098	1054	124	478
K1BX	"	1,667,452	1346	94	349
N8RA/1	"	1,421,091	1001	111	400
W1NT	"	1,329,795	1177	94	341
W1EBI	"	1,276,325	997	104	371
W1UK	"	1,070,399	896	98	375
K2TE/1	"	1,033,410	934	87	312
K1TR	"	1,015,600	949	86	314
W1QK	"	1,006,911	963	85	316
W1CSM	"	870,146	731	98	348
W1HR	"	628,300	592	93	319
W1NR	"	613,112	508	96	347
N4XR/1	"	406,813	514	89	252
AA1V	"	314,721	338	85	278
K1RV	"	286,445	367	64	231
K1AE	"	272,376	295	80	271
WB1EDI	"	182,016	277	60	196
N1MD	"	139,284	259	53	159
KV1J	"	133,515	259	61	154
K1TW	"	110,286	206	49	149
N1RK	"	108,216	246	44	123
KK1W	"	68,052	171	48	111
WY1U	"	61,006	196	26	92
W6ZF/1	"	43,419	137	34	89
W1DAD	"	25,016	104	41	77
K1KD	"	18,200	85	39	65
K1OZ	"	10,836	66	19	44
NF1A	"	6,696	54	16	38
W1DY	"	4,841	42	19	28
W1MAT	"	4,794	40	19	32
N1SV	"	750	16	10	15
W1BIH	"	100	72	22	47
W2RE	A	3,252,060	2267	123	457
NA2U	"	1,711,620	1177	120	435
W1GD/2	"	1,556,964	1032	118	431
N1EU/2	"	1,541,680	1025	121	439
KF2O	"	1,442,925	900	130	475
NO2R	"	1,433,632	944	112	456
K2ONP	"	1,206,275	1070	93	334
W2WB	"	1,183,680	842	122	418
W2LE	"	963,776	861	90	317
K2SG	"	875,448	919	80	298
KA2D	"	784,323	676	95	326
K2EP	"	684,546	624	92	329
AB2E	"	594,360	613	88	293
K2GN	"	529,308	578	85	292
N1JP/2	"	523,768	548	91	307
K2SB	"	493,668	556	85	293
W2REH	"	482,405	480	92	293
W2RD	"	425,012	469	87	266
K2BX	"	353,124	465	73	233
WK2H	"	341,715	482	64	221
N2NI	"	330,165	412	83	236
K2QPN	"	255,148	385	73	208
NA2M	"	232,116	331	76	200
N2WKS	"	210,098	282	68	233
NJ1F/2	"	168,976	291	58	178
W2RZS	"	161,172	303	63	159
					(OP: WB2NVR)
N2KPB	"	160,512	515	55	201
W2CG	"	142,033	311	37	136
K2OWE	"	135,837	285	58	185
N2CQ	"	127,872	255	44	148
N2FF	"	40,064	122	36	92
K2BM	"	26,784	94	31	77
NJ2OM	"	19,080	76	46	60
W2UP/3	A	6,181,648	3264	145	537
K3WW	"	4,835,880	2713	137	528
WE3C	"	3,084,378	2098	128	433
K3PH	"	2,834,512	1762	122	456
KQ3F	"	2,400,444	1647	111	413
K3SV	"	2,211,900	1590	106	399
W3FV	"	2,147,560	1511	119	411
NN3Q	"	2,001,976	1483	106	396
W3GM	"	1,167,950	873	115	382
					(OP: K3ND)
WA3C	"	1,117,935	910	113	394
W3BG	"	1,095,750	894	99	351
K3NM	"	973,228	764	107	414
N3ZA	"	837,678	711	101	346
W3GK	"	736,005	705	98	319
K3ZV	"	701,986	778	86	287
N3KN	"	587,478	616	81	277
W3CC	"	293,696	333	87	266
KB3MP	"	192,654	308	60	218
K3DUG	"	186,960	326	53	175
NE3H	"	174,064	313	61	192
N3GNW	"	166,941	270	64	179
N3CW	"	142,786	257	54	163
N3NR	"	130,416	246	58	150
W4EE/3	"	49,762	154	44	95
KQ3V	"	21,965	76	39	76
W3MF	"	6,615	43	25	38
KD3TB	"	5,520	53	23	46
WA3RHW	"	5,445	47	19	36
N3CA	"	1,344	22	12	16
K3WC	14	140,650	366	32	113
WØBR/3	7	18,389	102	19	52
K1PT/4	A	2,350,240	1498	129	463
K4TD	"	1,404,420	1016	124	410
N4RV	"	1,391,250	1048	117	408
W4MYA	"	1,364,016	987	113	430
K4SAV	"	1,048,570	831	111	374
K4MA	"	957,734	773	114	368
W3GQ/4	"	815,080	773	97	313
AA4V	"	708,750	750	97	278
W3OA/4	"	660,366	651	93	285
K3KO/4	"	653,128	586	92	336
AD4EB	"	487,014	590	80	234
N4VV	"	483,155	510	81	274
KZ2I/4	"	455,376	514	92	266
N4VA	"	445,107	578	85	262
N8PR/4	"	429,942	434	102	291
K1KO/4	"	397,394	517	77	249
KE1F/4	"	350,571	489	75	228
W4NTI	"	304,800	430	77	223
W4ZW	"	274,300	358	91	234
AI4IE	"	240,096	422	62	182
W4NZ	"	227,120	316	77	195
K4WW	"	226,252	356	58	171
W4ATL	"	211,120	313	73	187
W3YY/4	"	194,112	250	77	211
N4GG	"	142,552	269	54	152
N4TL	"	139,200	270	53	147
N2UM/4	"	136,728	260	54	162
					(OP: N2UM/4)
W4BQF	"	132,676	374	45	119
K8YC/4	"	100,920	203	58	174
N4TN	"	70,896	177	54	114
KB4ET	"	67,942	197	46	115
AD4IE	"	57,183	160	44	103
K4CZ	"	56,856	177	39	99
NN3W/4	"	53,044	149	46	103
W4/NL7AU	"	49,113	124	48	105
NX9T/4	"	32,004	109	41	85
N4QV	"	25,573	100	34	73
W4WNT	"	19,376	96	40	72
W4BW	"	7,808	52	26	38
N4HN	"	7,392	55	18	38
W4DR	"	2,542	26	16	26
N4XMX	"	10	6	3	6
W5MX/4	14	698,250	1408	37	138
WK4Y	"	309,284	724	36	131
N3CZ/4	7	217,250	649	33	125
W4NL	"	105,032	290	36	116
AA4GA	"	101,053	269	29	110
W6IZT/4	"	54,683	243	32	117
N4LU	"	4,329	49	11	28
W4ZV	1.8	57,000	253	21	79
K4PIC	"	1,944	43	10	17
K5YA	A	3,142,958	1919	142	495
K5NA	"	2,052,646	1087	164	558
W5GN	"	1,154,412	962	121	388
K5UN	"	1,070,868	971	100	366
N5JR	"	608,317	562	99	302
K5BG	"	314,252	405	98	215
WØVX/5	"	298,193	401	82	205
KU5S	"	244,404	358	80	199
N5MT	"	78,528	178	68	124
N3BB/5	"	43,560	137	37	83
AD5VJ	"	43,000	206	52	120
KE5OG	"	42,000	113	51	99
K5HDU	"	31,024	113	34	78
W5LEW	"	12,584	91	37	67
W5GA	"	11,446	79	34	63
N5JB	14	233,742	565	37	126
N5ER	7	38,416	160	24	74
NX5M	1.8	8,176	78	15	41
K6RIM	A	662,858	614	118	301
K6TA	"	647,537	613	121	286
W6TK	"	559,650	657	102	248
WS6X	"	478,362	554	108	258
K6OQ	"	237,923	376	77	210
N6VH	"	217,968	344	76	163
N6QQ	"	214,632	365	82	189
WØYK/6	"	208,670	304	83	188
W6FRH	"	194,776	302	88	163
N6FM	"	108,419	247	58	123
W6DR	"	37,973	132	46	81
N6RK	"	37,084	98	58	88
K6OWL	"	35,796	129	47	67
NI6T	"	34,416	102	49	95
W6SC	"	28,080	95	36	72
K1USC/6	"	25,530	106	45	66
KI6IV	"	20,370	117	41	64
W6KNB	"	11,552	61	33	43
NZ6L	"	4,810	96	32	42
K6EU	"	4,032	35	18	24
K6ST	"	1,632	21	14	18
AD6ZJ	"	100	19	16	15
WX5S/6	14	290,764	697	36	121
N6RO	7	377,226	980	37	134
W7ZR	A	674,866	717	124	267
KO7X	"	453,602	541	100	237
AB7E	"	390,100	514	93	239
KF7E	"	283,140	363	113	217
WA7LNW	"	261,274	347	98	240
K7ABV	"	185,592	349	66	143
K7ZD	"	170,500	310	72	148
W7SW	"	146,200	284	71	129
K7EG	"	135,474	329	63	138
K8BN/7	"	119,232	230	55	137
NJ7I	"	64,719	184	54	99
K7KR	"	62,016	151	55	97
W7WHY	"	52,948	181	50	74
W6SA/7	"	34,510	112	48	71
K6UM/7	"	28,220	123	34	49
N7XY	"	26,765	113	42	59
WAØKDS/7	"	1,044	19	12	17
K7OX	14	247,260	667	36	120
W7CT	"	150,234	400	32	114
W7GG	7	314,578	761	37	121
K8IA/7	"	298,172	750	36	125
N7ON	"	10,816	76	25	39
K7RL	1.8	1,452	33	9	13
W8MJ	A	994,560	1006	112	336
K3WA/8	"	799,488	783	87	297
W8HC	"	750,780	731	89	299
N8TR	"	435,840	374	103	351
NU8Z	"	218,064	308	66	198
W8TN	"	148,230	217	65	205
W7JW/8	"	68,510	198	53	117
AJ1M/8	"	28,798	100	43	76
N9CK	A	1,161,538	847	120	389
W9XT	"	1,113,442	891	113	360
N2BJ/9	"	389,928	504	79	229
K9UQN	"	337,955	489	68	189
WE9V	"	322,326	315	96	285
K9OR	"	235,600	289	78	232
KM9M	"	57,270	139	53	113
K9OSH	"	46,690	138	50	95
N9BT	"	10,320	66	30	50
WB9Z	1.8	42,874	221	21	76
NØAT	A	1,471,536	1064	123	405
WAØMHJ	"	313,038	391	84	222
KØKT	"	308,560	422	89	215
N5IN/Ø	"	197,253	278	88	215
KØBJ	"	170,352	284	80	172
K6XT/Ø	"	151,734	253	79	163
WØEB	"	111,321	230	57	132
KØBX	"	77,816	212	37	105
KØCS	"	63,393	186	55	132
KØUK	"	46,136	158	57	89
KEØL	"	36,790	119	42	88
KØAD	"	18,392	83	28	60
KCØRET	"	11,914	61	25	49
WØQQS	"	3,969	38	20	29
NØVD	7	75,396	267	31	91
KVØQ	1.8	31,652	222	24	58

ALASKA

KL1V	A	78,800	386	47	53
KL7P	"	32,967	178	35	46

BELIZE

V31TM	A	3,630,750	3534	121	394
					(OP: DL1HCM)

BERMUDA

VP9I	A	5,528,907	4496	112	407
					(OP: K1XM)

CANADA

VE1OP	A	1,654,660	1578	89	357
VE3XB	"	1,413,312	1483	98	335
VE2TZT	"	1,035,907	1133	89	300
VA3DX	"	825,396	811	105	324
VE3/W1AJT	"	773,410	829	90	305
VE3XD	"	729,800	872	90	266
VA1CHP	"	674,472	825	71	287
VA3EC	"	553,920	704	74	246
VE3WO	"	456,177	889	61	158
VE3RZ	"	348,159	539	69	212
VO1HE	"	312,312	433	70	216
VE6LB	"	167,200	445	66	124
VE6AVR	"	144,690	413	52	107
VA7PAC	"	12,282	130	32	37
VA7PAX	"	0	0	0	0
VE2DWA	28	56	4	3	4

MARTINIQUE

FM5JC	A	969,524	1350	84	242
					(OP: F5JKK)

MEXICO

XE2AC	A	1,192,440	1616	104	276
XE1KK	1.8	5,313	117	10	23

PUERTO RICO

KP4KE	14	945,128	2845	33	115
					(OP: DK8ZB)

U.S. VIRGIN ISLANDS

NP2L	A	331,600	754	57	143

AFRICA

CAPE VERDE

D44TD	A	1,822,184	3462	38	144
					(OP: IK2JUB)

MADEIRA ISLANDS

CT3BD	A	106,890	255	62	148

ASIA

ASIATIC RUSSIA

RG9A	A	4,983,841	2964	146	501
					(OP: UA9AM)
UA9AX	"	966,302	900	103	328
RV9XO	"	32,518	105	55	87
RA9JR	21	192,348	716	30	107
UA9UR	"	18,802	109	22	57
RV9JE	14	411,150	1071	36	114
RW9HZZ	7	323,400	998	33	107
					(OP: RZ9HG)
UA9YAB	1.8	67,368	359	19	65
UAØQBR	A	226,912	517	74	150
UAØSE	"	9,313	72	21	46

CHINA

BA4RF	A	939,796	1219	126	277

CYPRUS

5B/AJ2O	A	9,445,098	5332	140	523
					(OP: RW3QC)
H2E	"	1,016,720	1120	80	275
					(OP: 5B4AGE)

JAPAN

JF2SKV	A	802,530	1106	120	213
JM1NKT	"	572,082	629	126	245
JA3PYC	"	231,422	366	91	160
JO7KMB	"	199,789	355	92	149
JN1BMX	"	186,730	301	100	163
JA3VUI	"	72,468	199	77	106
JA1XRH	"	60,710	190	54	76
JEØIUR	"	41,652	138	47	70
JS1KQQ	"	26,499	93	50	71
JG1VGX	"	4,400	43	23	27
JE1FWI	"	238	7	7	7
JHØEQN	28	2,688	40	12	20
JH9KVF	21	101,008	385	34	73
JA1PCY	"	90,100	380	34	72
7M4CDX	14	104,194	409	33	85
JG2KKG	"	104,020	334	37	103
JN4MMO	"	89,376	393	31	67
JR1BAS	"	35,511	162	29	60
JI1ALP	7	57,783	233	28	75

KYRGYZSTAN

EXØM	21	348,984	1308	27	104

THAILAND

HSØZDJ	A	675,855	983	101	244
HS1OVH	"	3,422	44	23	35

EUROPE

AUSTRIA

OE4A	A	4,923,750	3534	167	583
					(OP: OE1EMS)
OE3ZK	14	200,332	657	35	122
OE3I	7	353,440	1586	33	127
					(OP: OE1JNB)
OE9SBD	1.8	5,494	170	5	36

BELGIUM

OO4CAS	A	782,379	1268	71	280
					(OP: ON4CAS)
OO7SS	"	70,290	353	35	130
					(OP: ON7SS)
ON4WW	1.8	220,000	1363	28	97
ON4ATW	"	56,990	618	15	67

BULGARIA

LZ2BE	A	345,022	683	86	248
LZ5A	7	429,352	1964	35	129
LZ5ZI	"	59,514	364	29	80

CROATIA

9A2U	28	17,025	150	20	55
					(OP: 9A3ZA)

CZECH REPUBLIC

OK2FD	A	2,841,344	2152	152	552
OK1FDY	"	1,641,211	1918	114	385
OK1ES	"	262,710	531	71	244
OK1DOZ	"	159,651	419	52	167
OK1UU	"	46,648	243	39	97
OK2RN	"	9,300	84	17	43
OK7M	28	16,037	196	16	63
					(OP: OK1DIG)
OK3Z	21	222,870	664	37	133
					(OP: OK1DVM)
OK2HZ	14	112,772	470	31	90
OK1DG	7	460,645	1502	37	144
OK1TP	1.8	48,148	614	14	67
OK1FPG	"	12,744	229	7	47

DENMARK

OZ4O	A	266,855	698	58	207

ENGLAND

G4BUE	A	1,695,948	1658	131	451
G3AB	"	651,100	1028	87	338
G4BJM	"	548,000	1156	66	184
G3VQO	"	270,072	757	47	201
G3UHU	"	154,170	358	64	206
MØBLF	"	90,125	369	36	139
G4OBK	"	17,024	68	44	68
GØDEZ	"	1,443	29	12	27

ESTONIA

ES5RY	A	1,044,000	1211	117	405
ES5QX	1.8	167,724	1179	23	85

EUROPEAN RUSSIA

RX4HZ	A	4,923,400	3777	178	646
RZ3AZ	"	1,805,650	2198	121	418
RN4WA	"	1,009,522	1705	117	385
RU6YY	"	704,000	691	115	397
UA3AGW	"	500,346	709	113	286
RA3DNC	"	84,032	194	67	135
UA3BS	21	122,304	480	33	123
RV6YZ/6	14	485,584	1587	39	137
RZ1OM	"	61,824	251	27	85
UA6LV	7	634,586	2034	38	143
RK6BZ	"	67,034	379	28	93
RA6AX	1.8	111,996	761	23	85
RU3DX	"	78,728	628	22	82

FINLAND

OH6NIO	A	1,736,933	1622	131	456
OH6DX	"	564,696	548	121	431
OH2XX	"	78,411	205	49	128
OH6BG	21	175,651	655	33	128
OH6NJ	"	97,976	395	31	117
OH5B	14	527,720	1665	38	129
					(OP: OH5BM)
OH6GAW	"	120,881	699	26	83
OH2BCI	1.8	110,595	917	22	79
OH3BU	"	51,708	452	17	76
OH6KTD	"	504	22	5	16

FRANCE

F5RRS	A	541,206	974	73	248
F6BNH	"	173,455	302	89	218
F5SGI	"	4,592	55	16	40
F5IN	1.8	117,900	1090	16	74

GERMANY

DJ5MW	A	5,450,967	3636	161	592
DJ2YA	"	2,578,050	1722	143	531
DJ9DZ	"	1,968,960	2046	126	460
DM1TT	"	1,342,701	1284	131	448
DL2ZAE	"	1,272,024	1818	106	362
DKØOG	"	1,018,266	1415	106	341
					(OP: DM5TI)
DL1YD	"	957,249	1043	111	312
DL2MDZ	"	930,680	1145	109	330
DL6KVA	"	852,255	803	119	416
DF5ZV	"	699,504	902	102	354
DR5L	"	659,610	1330	69	246
					(OP: DK3QZ)
DHØGHU	"	617,826	855	90	317
DJ3WE	"	576,030	976	100	322
DL8KJ	"	569,268	872	77	301
DJ2T	"	425,736	808	73	251
					(OP: NJØIP)
DK3QJ	"	382,299	651	81	272
DL1EJA	"	382,044	525	80	236
DL4RCK	"	378,508	500	97	280
DL2RMC	"	332,878	406	95	308
DF6QV	"	217,678	578	54	200
DF5UL	"	202,536	348	68	164
DJ4PI	"	193,304	299	105	226
DL2VL	"	191,268	348	71	226
DL9NDV	"	185,796	374	64	170
DL5XAT	"	172,319	310	78	161
DJ3DQ	"	154,560	361	62	218
DL8AAM	"	152,390	378	54	191
DL1CWI	"	137,046	348	54	197
DJ9CW	"	130,900	447	73	202
DK3DUA	"	101,144	278	44	144
DF8AA	"	91,124	313	53	156
DL8WX	"	73,059	176	59	88
DK6CQ	"	63,393	232	52	135
DL9NCR	"	26,299	141	38	81
DL4FDI	"	25,636	173	28	88
DF2AP	"	23,517	194	25	92
DF2LH	"	19,065	111	28	65
DK1TF	"	3,174	59	14	32
DL1DVN	"	2,408	34	15	28
DP9Z	21	217,672	619	36	133
					(OP: DF9ZP)
DF1LON	"	116,688	394	33	99
DK3GI	14	666,788	1694	37	141
DK1MAX	"	422,853	1012	37	140
DFØCI	7	378,314	1583	35	131
					(OP: DL8AKI)
DJ8QP	"	67,080	327	28	102
DL6NCY	"	55,282	216	28	103
DL1GGT	"	49,567	310	26	71
DL7CX	1.8	84,600	945	19	81
DF2UU	"	21,128	259	12	64
DL2OBO	"	18,837	263	9	54

HUNGARY

HA5AO	21	42,152	197	28	60
HA3MQ	14	624,456	2179	38	151
HG4I	"	233,544	800	36	112
					(OP: HA5LN)
HA5A	7	704,524	2505	36	142
					(OP: HA7AP)
HA2VR/5	"	4,687	69	10	33
HA5BSW	1.8	19,728	410	11	61

ICELAND

TF3MA	A	57,680	247	33	107
TF3AO	"	4,410	62	11	34

ITALY

II1H	A	1,064,268	1826	83	223
					(OP: I1HJT)
IC8POF	"	19,594	109	27	70
IK2EGL	21	55,990	248	33	77
IKØYUT	14	148,610	473	36	118
IZ8CCW	"	17,733	189	19	50
IR2C	7	600,054	1805	38	144
					(OP: IK2PFL)
II1M	"	63,344	481	21	86
					(OP: IK1SOW)

LATVIA

YL7X	A	1,672,650	1864	115	416
					(OP: YL2LY)
YL9T	"	627,417	1004	96	337
					(OP: YL2TW)
YL2VW	1.8	94,569	891	17	70

LITHUANIA

LY2IC	A	457,114	779	81	236
LY3BH	"	83,411	247	60	179
LY8O	7	571,900	2234	36	136
LY3UM	1.8	154,860	1053	25	91

NETHERLANDS

PFØX	A	717,340	1277	78	232
PAØABM	"	669,678	777	102	376
PA3EMN	"	554,931	989	73	278
PA3C	"	58,724	181	54	158
PA5O	"	55,594	203	41	92
PAØR	21	205,360	695	35	101

POLAND

SN8F	A	2,444,904	2482	131	463
					(OP: SP8FHK)
SN5M	"	2,245,938	2146	134	448
					(OP: SP5UAF)
SP3LWP	"	644,776	1101	88	286
SP3JUN	"	96,660	333	36	99
SP6EIY	"	84,672	274	48	120
SQ1K	"	70,372	261	41	105
SP2EWQ/2	"	58,531	162	59	128
SP2JMB	21	98,252	326	35	119
SP3GXH	"	61,924	252	32	81
SP3HRN	1.8	94,864	864	20	78
SP3HUU	"	15,562	312	9	53

PORTUGAL

CT1IUA	A	288,860	546	68	192

ROMANIA

YO8WW	A	234,144	514	74	214
YO3III	"	4,914	60	15	39
YO3JW	28	754	25	7	19
YP3A	14	642,156	2061	38	139
					(OP: YO3GDA)
YO4RST	7	594	12	6	12

SCOTLAND

GM4FDM	A	88,091	469	29	108
GMØNAI	14	36,963	162	24	87

SLOVAK REPUBLIC

OM3DX	A	86,100	266	51	124
OM8AG	21	89,872	321	36	101
OM7PY	7	59,670	401	19	83

SLOVENIA

S52ZW	A	2,968,992	2727	139	485

S57DX	"	**2,940,288**	**2711**	**140**	**484**
S59AA	"	1,222,716	1378	116	355
S58P	"	298,848	778	67	197
S51DX	"	16,089	186	25	68
S50R	**14**	**613,818**	**1902**	**35**	**127**
S56X	**7**	**533,310**	**1928**	**38**	**136**
S53O	"	**394,748**	**1619**	**35**	**129**
S58M	"	321,408	1444	36	126
S57Z	"	230,096	1093	34	112
S50DX	"	20,251	236	14	63

SPAIN

EA2AYD	**A**	**930,066**	**1054**	**90**	**319**
EA3NM	"	**918,945**	**1492**	**89**	**316**
EA4KD	"	633,184	933	85	291
EA5DWS	"	112,326	434	55	138
EA5FID	**21**	**277,295**	**885**	**35**	**120**
EA1DX/5	7	27,264	196	17	47
					(OP: EA5FID)

SWEDEN

8SØF	**A**	**277,672**	**840**	**47**	**197**
					(OP: SMØOCQ)
SM6BSK	"	100,188	224	57	219
8SØW	"	92,322	309	65	142
					(OP: SMØNJO)
SA1A	"	13,534	98	30	71
					(OP: SM1TDE)

SWITZERLAND

HB9IQB	**A**	**716,584**	**1118**	**83**	**291**
HB9CIP	"	206,010	525	58	152

UKRAINE

UW8M	**A**	**4,331,040**	**4236**	**145**	**527**
					(OP: UR5MID)
UV5U	"	1,722,240	1793	129	447
					(OP: UX1UA)
UY5ZZ	"	1,629,739	1520	141	488
UT7I	**14**	**754,866**	**2294**	**39**	**150**
					(OP: UT2IO)
UT8LO	"	215,905	1014	34	111
US2IR	**7**	**717,416**	**2510**	**37**	**147**
UX3MZ	"	293,217	1592	28	101
UW2M	**1.8**	**135,420**	**769**	**26**	**96**
					(OP: URØMC)

YUGOSLAVIA

YZØZ	**A**	**2,771,194**	**3147**	**142**	**444**
					(OP: YU1ZZ)
YT7TY	"	1,132,525	1282	114	395
4N1FG	"	622,748	1195	71	251
YT5A	**14**	**628,140**	**1942**	**36**	**138**
					(OP: YU1EA)
YZ7A	**1.8**	**87,808**	**978**	**20**	**78**
					(OP: YU7CM)

OCEANIA

AUSTRALIA

VK4XY	**A**	**58,293**	**205**	**63**	**90**
VK3KE	"	40,392	181	45	87
					(OP: N1MM)
VK6DU	"	21,730	134	45	61

CHRISTMAS ISLAND

VK9AA	**A**	**6,878,488**	**3900**	**165**	**461**
					(OP: VK2IA)

GUAM

KG6DX	**A**	**2,031,594**	**1737**	**139**	**287**

HAWAII

KH6/VE7AHA	**A**	**1,448,655**	**1969**	**118**	**167**

NEW ZEALAND

ZL3TE	**21**	**330,156**	**1134**	**31**	**77**
					(OP: W3SE)
ZL4BR	**7**	**390,540**	**1037**	**32**	**106**

SOUTH AMERICA

ARGENTINA

LU4DX	**21**	**1,181,579**	**2323**	**38**	**141**
					(OP: LU5DX)

BRAZIL

PR2J	**A**	**927,840**	**1388**	**71**	**169**
					(OP: PY2EX)
PY1NB	"	40,590	154	46	77
PY2XC	**28**	**1,440**	**42**	**14**	**18**

FERNANDO DE NORONHA

PYØFF	**A**	**68,228**	**203**	**58**	**90**

FRENCH GUIANA

FY/F5IRO	**A**	**607,170**	**1141**	**67**	**155**

NETHERLANDS ANTILLES

PJ4M	**A**	**3,528,330**	**2521**	**123**	**375**
					(OP: K2QM)

VENEZUELA

YV5NWG	A	864	16	12	15

MULTI-OPERATOR
SINGLE TRANSMITTER
NORTH AMERICA

UNITED STATES

KT1V	**9,067,590**	**4199**	**162**	**615**
K1IR	**6,441,380**	**3256**	**148**	**589**
K1KI	6,326,124	3108	156	606
W1MX	377,640	430	82	278
W2FU	**5,969,292**	**3172**	**154**	**562**
K2QMF	**3,672,942**	**2177**	**129**	**508**
N2LBR	966,616	847	96	325
N2BZP	17,360	153	48	107
K3OO	**5,046,977**	**2754**	**147**	**550**
N3MX	1,034,103	875	101	382
K4JLD/3	805,504	729	106	342
W3LJ	46,332	138	42	90
K8AC/4	**1,038,060**	**854**	**111**	**363**
N4ES	456,972	601	82	255
W6OAT	4,403	48	15	22
N7BV	**765,702**	**924**	**109**	**245**
K7UM	675,995	827	108	275
K8AZ	**5,458,329**	**2855**	**160**	**587**
W8AV	**3,778,635**	**2167**	**148**	**531**
NE8P	1,076,076	941	96	330
WN9O	**2,224,556**	**1539**	**124**	**432**
KØRF	**4,045,342**	**2427**	**156**	**530**

ANGUILLA

VP2E	**5,975,856**	**3624**	**150**	**546**

CANADA

VE3NE	**2,758,340**	**2515**	**117**	**398**
VE7SV	**2,754,752**	**2601**	**133**	**340**
VE6AO	576,576	1180	72	180

JAMAICA

6Y7A	**4,900,392**	**5212**	**103**	**338**

AFRICA

ALGERIA

7XØRY	**7,896,700**	**5084**	**128**	**452**

CANARY ISLANDS

EA8ZS	**11,950,225**	**5484**	**167**	**638**

TUNISIA

3V5A	**14,026,738**	**7137**	**163**	**564**

ASIA

ASIATIC RUSSIA

RZ9SWR	**3,070,010**	**2289**	**118**	**405**
RK9CZO	**2,590,080**	**2151**	**109**	**347**
RK9AWN	2,465,060	2002	107	392
RK9CXM	617,506	824	60	223
RZ9UWZ	432,051	811	52	185
RK9CWW	419,504	506	79	235
RY9C	299,484	558	51	185
RK9XXX	279,838	529	52	177
RK9AXX	114,696	432	23	85
UAØAWW	**1,945,441**	**1964**	**99**	**322**

AZERBAIJAN

4K7Z	**3,204,757**	**2483**	**109**	**382**

BHUTAN

A52CDX	**506,961**	**972**	**72**	**201**

CHINA

B7P	**994,700**	**1837**	**107**	**236**
BY4VAM	220,748	1015	65	108

INDIA

VU2UR	63,984	161	67	119

ISRAEL

4XØG	**3,672,585**	**3429**	**102**	**343**

JAPAN

JA8RWU	**3,545,612**	**2479**	**159**	**397**
JA7YAA	**2,619,750**	**1970**	**158**	**367**
JM1LPN	**1,805,694**	**1610**	**155**	**347**
JA2ZJW	**1,350,216**	**1456**	**126**	**252**
JA1ZLO	30,987	156	39	60
UP1G	**2,801,250**	**2506**	**102**	**348**

KAZAKHSTAN

MONGOLIA

JU1DX	**393,000**	**1182**	**81**	**169**

NEPAL

9N7JO	**1,782,810**	**2479**	**107**	**298**

SRI LANKA

4S7RS	2,915	41	20	33

EUROPE

AUSTRIA

OE5ØCWL	**345,720**	**1010**	**49**	**152**

BELGIUM

OT5L	**5,146,416**	**3874**	**157**	**565**
OT5G	**2,780,064**	**2506**	**129**	**462**
OT5P	1,168,425	2097	95	310

BULGARIA

LZ1ABC	**1,620,490**	**2251**	**106**	**361**

CZECH REPUBLIC

OK5W	**7,278,271**	**4326**	**180**	**667**
OL7R	**5,313,462**	**3914**	**163**	**579**
OL3Z	2,478,894	2648	120	409
OL2A	932,057	1485	89	240
OL2U	726,616	1620	75	284
OK1KDO	124,456	498	40	148

ENGLAND

G6PZ	**7,406,250**	**5098**	**160**	**590**
G5W	**6,629,755**	**4848**	**160**	**585**
G8D	2,093,592	2442	105	393
MØOKT	19,332	194	24	84

EUROPEAN RUSSIA

RL3A	**5,918,416**	**4375**	**167**	**617**
RZ6AZZ	**4,865,763**	**3690**	**172**	**617**
RO4M	**3,814,404**	**3291**	**161**	**565**
R3R	3,782,450	3637	150	557
RF3A	3,308,578	3485	147	542
UA3R	2,883,586	3592	132	467
RZ4CWW	1,945,908	2436	119	447
RW3WWW	1,483,086	2290	118	388
RK4WWA	1,299,804	2328	99	359
RK3QWW	896,815	1550	95	320
RK3UWA	845,397	1387	102	339
RK3RWA	432,948	1010	74	257
RK3DXZ	263,088	969	60	172
RK3SWB	27,328	157	34	88

FINLAND

OH6AH	**916,938**	**1396**	**88**	**333**
OH1TV	349,888	540	80	272

FRANCE

TM2Y	**6,978,108**	**4559**	**167**	**619**
F6KHM	**4,570,624**	**3532**	**126**	**506**
TM4Q	**3,342,176**	**3372**	**134**	**474**
TM2T	3,131,762	3403	133	421
TM5VT	368,668	1302	56	156
F8KGH	285,782	915	61	213
F6KNB	276,395	1064	36	113

GERMANY

DP4T	**6,327,080**	**4266**	**155**	**579**
DF3CB	**4,978,110**	**3288**	**152**	**579**
DR4A	**3,061,696**	**2483**	**152**	**552**
DK5QN	2,999,355	2652	134	481
DAØI	2,207,290	2458	113	402
DD4B	1,287,264	1838	92	332
DL4WA	1,049,898	1383	105	361
DKØMN	1,004,807	1506	85	312
DLØDYW	715,552	1184	89	290
DRØR	27,600	154	45	93
DQ7Q	19,716	134	30	76

GREECE

SZ1A	**2,516,240**	**3148**	**119**	**449**

HUNGARY

HA8ØIARU	**5,820,152**	**4335**	**161**	**603**
HG8N	965,376	2043	85	299
HA6KZS	164,633	575	52	151

IRELAND

EI7M	**7,874,332**	**6230**	**152**	**579**

ITALY

IR4M	**5,850,064**	**4003**	**169**	**604**
IU2R	**4,233,081**	**3314**	**154**	**559**
IK3OBX	825,737	1994	73	198
IO4T	354,816	1046	47	145
IZØGKB	271,950	660	74	220
LY3VM	**610,092**	**1508**	**72**	**252**

LITHUANIA

LUXEMBOURG

LX7I	**6,481,170**	**4733**	**153**	**560**

NETHERLANDS

PI4ZOD	15,540	203	29	82

NORWAY

LN8W	**5,576,494**	**4508**	**158**	**581**

POLAND

SN2K	**3,057,300**	**2747**	**142**	**503**
SP4YFJ	1,057,356	1530	93	321
SP5KEH	950,992	1713	94	298
SP9ZHR	383,382	727	83	259
SP9KRT	355,950	819	67	248
SP3KCL	282,282	576	75	211
SP9KJT	145,992	506	54	183
SP1YGL	15,582	107	29	77
YR7M	**5,246,190**	**4293**	**150**	**560**

SCOTLAND

GMØB	**1,023,834**	**1842**	**83**	**316**

SLOVAK REPUBLIC

OM7M	**8,176,644**	**4705**	**177**	**675**
OM8A	**7,850,888**	**4644**	**177**	**667**
OM5M	**6,246,782**	**3851**	**165**	**652**
OM4A	1,689,030	2215	117	373
OM3KWZ	870,750	1439	89	298
OM3RRC	661,010	1258	82	273
ED2JJ	**1,103,424**	**2530**	**75**	**261**
EA7RCT	538,230	978	82	248

SPAIN

SWEDEN

SK2T	**1,249,955**	**1772**	**102**	**395**
SK6QW	**822,244**	**1470**	**72**	**277**

UKRAINE

UT7L	**2,627,205**	**2536**	**145**	**510**
UTØAZA	**1,268,764**	**2297**	**105**	**347**
US7HZZ	603,018	1377	79	272
UT4IYZ	595,650	1238	85	276
UZ4E	292,365	746	71	196
UY4WWA	168,554	631	34	108
UT5IZO	13,345	140	23	62
UR4PWC	400	17	4	12
YU1ANT	100,128	558	47	121

OCEANIA

BELAU

T88AA	**4,200,408**	**3485**	**143**	**311**

GUAM

AH2R	**5,401,636**	**3658**	**151**	**397**

INDONESIA

YE1ZAT	**617,400**	**1028**	**91**	**189**
YEØX	41,301	150	42	75

NEW ZEALAND

ZM1A	**3,608,488**	**3047**	**128**	**314**

SOUTH AMERICA

ARGENTINA

LR2F	**8,377,160**	**4976**	**155**	**477**
LVØN	1,515,503	1994	91	220
LU8XW	432,400	991	55	145

ARUBA

P4ØL	**16,270,104**	**7467**	**165**	**608**

BRAZIL

ZY7C	**5,149,950**	**3524**	**134**	**436**

COLOMBIA

5J1W	**11,675,367**	**6573**	**147**	**480**

PERU

OC4O	**857,147**	**1643**	**67**	**130**

SOUTH SHETLAND ISLANDS

R1ANF	**2,613,424**	**2792**	**96**	**245**

MULTI-OPERATOR
TWO TRANSMITTER
NORTH AMERICA

UNITED STATES

K1AR	**8,164,728**	**4184**	**151**	**581**
KØTV/1	**5,469,075**	**3022**	**137**	**532**
W1SRG	365,792	492	67	217
NE3F	**2,141,394**	**1961**	**111**	**408**
K3DI	1,652,313	1217	112	395
WT3Q	1,155,924	931	129	465
WX3B	805,324	700	105	337
NY4A	**8,012,145**	**4507**	**148**	**543**
N4WW	**5,248,440**	**2976**	**155**	**577**
W5KFT	**2,175,690**	**1612**	**131**	**439**
W6YX	**1,146,080**	**1138**	**117**	**299**
W8ZA	**2,594,480**	**1809**	**124**	**441**
W9SN	**1,322,500**	**1440**	**107**	**353**
NØNI	**3,990,462**	**2394**	**156**	**530**
KTØR	1,464,703	1172	117	376

ALASKA

KL7DX	**469,368**	**1408**	**63**	**96**

CANADA

VE1JF	**6,228,117**	**4107**	**138**	**513**
VE3RM	**5,798,835**	**3903**	**129**	**486**
VE7GL	**2,781,252**	**3168**	**121**	**293**

TURKS & CAICOS ISLANDS

VP5W	**13,454,000**	**8176**	**153**	**547**

U.S. VIRGIN ISLANDS

WP2Z	**12,969,736**	**8099**	**152**	**537**

AFRICA

AFRICAN ITALY

IH9P	**23,649,712**	**9996**	**175**	**654**

MAURITIUS

3B8/OM3PC	**6,461,037**	**4560**	**138**	**423**

ASIA

ASIATIC RUSSIA

RT9W	**8,683,094**	**4991**	**151**	**555**

CHINA

B1Z	**1,697,646**	**3417**	**118**	**284**

JAPAN

JF3GKE	**1,054,044**	**1019**	**134**	**303**

MALDIVE ISLANDS

8Q7DV	**14,520,720**	**7320**	**184**	**632**

TAIWAN

BVØJ	**866,082**	**1631**	**107**	**250**

WEST MALAYSIA

9M2CNC	**3,720,982**	**3242**	**138**	**383**

EUROPE

AUSTRIA

OE2S	**6,888,885**	**5267**	**165**	**606**

BALEARIC ISLANDS

EA6IB	**11,061,600**	**7687**	**175**	**650**

CROATIA

9A7A	**10,981,728**	**7440**	**173**	**643**

DENMARK

OZ5E	**3,585,983**	**3682**	**128**	**459**
OZØXX	1,132,394	1832	94	352
OZØKR	245,016	882	56	193

ENGLAND

G4IIY	**2,245,080**	**2687**	**110**	**420**

EUROPEAN RUSSIA

RU1A	**12,240,060**	**7508**	**194**	**712**

FINLAND

OH4A	**3,193,480**	**3494**	**128**	**452**
OH6XX	**3,032,145**	**3198**	**133**	**512**
OH2BAH	533,010	971	88	239

FRANCE

F4DRT	10	7	7	5

GERMANY

DQ4W	**7,453,266**	**5250**	**166**	**607**
DLØCS	**5,522,484**	**4199**	**164**	**618**
DR5Z	4,418,424	3736	142	512
DLØKF	1,743,056	2055	118	435
DA3A	434,700	1116	66	234

HUNGARY

HG6N	**8,015,190**	**5748**	**164**	**631**
HG7H	2,527,810	2693	122	443

ICELAND

TF4M	**2,785,000**	**3986**	**103**	**397**

ITALY

IR4X	**10,619,504**	**6473**	**178**	**670**
IQ1SM	2,879,692	3393	128	426

LITHUANIA

LY7Z	**7,545,866**	**5533**	**164**	**602**

NETHERLANDS

PI4D	**1,613,392**	**2207**	**91**	**321**

POLAND

SQ6Z	**5,372,848**	**4690**	**140**	**536**

SWEDEN

SK6M	**4,781,651**	**4741**	**157**	**520**

UKRAINE

UU7J	**9,047,168**	**7056**	**177**	**655**

WALES

GWØGEI	**1,223,355**	**1902**	**85**	**342**

SOUTH AMERICA

SURINAME

PZ5C	**9,354,924**	**5837**	**143**	**493**

MULTI-OPERATOR
MULTI-TRANSMITTER
NORTH AMERICA

UNITED STATES

KC1XX	**15,825,048**	**6929**	**176**	**676**
K3LR	**13,842,250**	**6131**	**174**	**676**
W3LPL	**13,790,784**	**6137**	**175**	**693**
N3RS	**10,312,234**	**4862**	**163**	**619**
NQ4I	**9,285,396**	**4922**	**167**	**637**
K1TTT	**8,232,648**	**4305**	**159**	**603**
K1RX	8,130,024	4261	154	602
K9NS	**7,884,810**	**4136**	**177**	**618**
K2LE	**7,033,190**	**3862**	**142**	**532**
K5GO	**6,457,710**	**3714**	**165**	**570**
KB1H	6,364,400	3503	145	555
W3PP	5,067,226	3096	146	515
WØAIH/9	**4,002,380**	**2599**	**156**	**527**
W1CU/6	**2,588,884**	**1741**	**146**	**420**
W2YC	2,042,580	1451	120	457

ST. PIERRE & MIQUELON

FP/K8DD	**10,272,794**	**7741**	**118**	**460**

AFRICA

MALI

TZ5A	**28,747,008**	**11888**	**176**	**688**

ASIA

JAPAN

JA3YBK	**9,423,715**	**5153**	**186**	**517**
JA5BJC	**7,354,032**	**4399**	**183**	**505**

KAZAKHSTAN

UP5G	**9,475,770**	**6294**	**158**	**532**

EUROPE

BULGARIA

LZ9W	**14,318,682**	**9599**	**178**	**684**

CROATIA

9A7T	**1,938,364**	**2097**	**137**	**462**

ESTONIA

ES1A	**2,305,328**	**2914**	**121**	**475**

EUROPEAN RUSSIA

RK6YZZ	**772,175**	**1452**	**105**	**356**

FINLAND

OH2K	**951,522**	**1499**	**100**	**329**

GERMANY

DQØQ	**13,181,952**	**8780**	**185**	**711**
DFØCG	**11,592,276**	**7720**	**177**	**689**
DP9A	6,136,656	5823	158	581

KALININGRAD

RW2F	**11,960,032**	**8092**	**176**	**680**

LITHUANIA

LY7A	**6,875,818**	**6012**	**155**	**603**

MACEDONIA

Z37M	**5,385,100**	**5706**	**148**	**480**

MALYJ VYSOTSKIJ ISLAND

R1MVC	**7,720,906**	**8508**	**145**	**517**

POLAND

SN6F	**1,890,979**	**2565**	**128**	**419**

YUGOSLAVIA

YT6A	**9,161,880**	**7356**	**173**	**607**

OCEANIA

NEW ZEALAND

ZL6QH	**10,414,813**	**6336**	**154**	**445**

SOUTH AMERICA

GALAPAGOS ISLANDS

HC8N	**38,368,108**	**14947**	**196**	**726**

NETHERLANDS ANTILLES

PJ2T	**27,392,376**	**11854**	**178**	**658**

CHECK LOGS

The following stations submitted checklogs, which are always appreciated. thank you.

4X1GA, 9V1BH, A35RK, BA4TB, DK3RED, DL1DUO, DL1JFM, DL1LRA, DL1VRL, DL2AWW, DL3JON, DL5MHR, DL6AP, DL6YRM, DL9MRF, DL9UJF, EA2CAR, EA3DU, EA8EY, G3RWL, HA1SN, HA5AF, HA5LQ, K2QD, KA5M, KTØP/4, KY2T, LA2GH, LA2LI, LA4NE, LA4OGA, LA8HGA, LA9TJA, LY1FM, LZ1FJ, LZ1ND, LZ2JA, LZ9V, MM/SP1NY, MWØIDX, N1NN, OE6IMD, OH1PY, OH2GFY, OH8SE, OK1DMP, OK1DSU, OK1XJ, OK2EQ, OK2SG, OL5Q (OP:OK1HRA), OZ2JI, PAØDVM, PA3DJY, PA5XM, PY1CL, PY3CQ, RAØSS, RA3CO, RA3EG, RA4PVD, RA6YDX, RA9FF, RA9YQM, RK3TJ, RK9AD, RN1NU, RN6LG, RW3CW, RW3TN, RW6HCG, RW9MJ, SK5PZ (OP: SM5APS), SM5APS, SM5ENX, SM5NDI, SM6CDN, SM6DUA, SN8M, SP1KV, SP2FAP, SP3FLQ, SP3V, SP4GDC, SP4GHL, SP5ANQ, SP5DIR/5, SP5ELW, SP5GDY, SP5ICS, SP5XO, SP6CIK, SP7HOV, SP7TEX, SP7XK, SP8HDP, SP8HKT, SP9CTW, SP9CVY, SP9CXN, SP9MDY, SP9UOP, SQ2AJI, SQ4HRN, SQ8LUV, SQ9UM, SV5DZX, UA1ACG, UA1AJW, UA1AUW, UA1RG, UA1RJ, UA3AVR, UA3DCW, UA3DNR, UA3SBW, UA3WHF, UA4ARL, UA4NU, UA4WLI, UA6ECU, UA9CEP, UA9CL, UA9CSA, UA9MD, UR5FAV, UT3NF, UUØJC, UU5WW, UV7M (OP: UT7MA), UX1IL, UZ5UA, VE3IQ, VO1ONE, W6RK, YL2PJ, YL2TQ, YOØU, YO2BS, YO7DO, ZL1TM.