Results of the 2006 CQ WW DX SSB Contest

BY BOB COX,* K3EST

Expanded CQ WW Contest Results on the Web

A few additional 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 the 2006 CQ WW SSB results, go to <http://www.cq-amateur-radio.com/cqwwhome.html>, then click on "Expanded Results, 2006 CQ WW SSB" 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, 2006 CQ WW SSB."

The 2006 CQ WW DX SSB Contest once again made its own propagation. All over the world as the starting hour approached final preparations were being made to take part in contesting's big event—the CQ WW. The time before the contest is utilized differently depending on where you are located. In Japan a contester is just getting up after a night's sleep. In California, a contester is perhaps taking off work a few hours early in order to start at 4 PM. In A6-land, the entrant is waking up at 2 AM to get ready for the 4 AM start. In Europe, where the contest starts between midnight and 2 AM, a participant may have had to stay awake from Friday morning until 2 AM. No matter what the local time is where you live, everyone started the 2006 CQ WW fun at the same world time. The sun was predicted to not cooperate and the sunspot cycle was rapidly approaching bottom. That did not stop over 25,000 operators from going all out to enjoy the weekend.

As you have probably noticed, when you tune across the bands on most days you hear activity here and there and a lot of empty space. The CQ WW changes all that. You may have to tune for several minutes in order to find a place to call CQ. This worldwide event brings out many, many contesters trying their hand at working stations. An hour before zero UTC on Saturday, you can feel the ever-increasing crescendo of activity as contesters try out the conditions and their stations. At 0000 UTC the bands explode with activity.

The CQ WW is a fantastic competition, which brings out the best in amateur radio: team work, station construction, antenna erection, and operating skills. The CQ WW is a celebration of ham radio skill and effort. Each year a new group of hams discovers the CQ WW, and they begin to develop friendships that will last a lifetime. Both new hams and old who try the CQ WW often become addicted. Below are the results of the 2006 CQ WW SSB. Everyone who enters the contest ends up taking away memories and vivid experiences.

High Power All Band

John, W2GD, pushed P40W to the top of the pile. Winning the toughest category by 1.5 million points is not easy. In addition, he also had the most single operator QSOs in the contest. John travels to Aruba so often to operate it might as well be his second home, and he comments, "For an absentee station owner like myself the problems are further compounded when it is only possible to visit the station a few times each year. Every trip becomes an adventure, never knowing exactly what you will find working (or broken) upon arrival." It seemed to work quite well, John. Jorge, EA9LZ, really put in a great effort to take second place from Ceuta. Jorge made a lot people happy by passing out the EA9 multiplier. Olli, OHØXX, operating from OA4WW, was just behind in third place. Olli can be found these days as HP1WW.

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John, KK9A, was world #1 Single Op, All Band, low power as P40A.

European top honors went to CU2A operated by Timo, OH2UA. Timo comments," It was one of the toughest contests for me so far. Before the contest I got the flu and only a couple of hours after the beginning of the contest I felt like losing my voice. I was quite sure not to be able to make a full 48 hours, but fortunately I was wrong." OE4A was operated by Braco, OE1EMS. The hard work of building up this super station paid off with a big signal. Pasi, OH6UM, talked OH8X to third place under less-than-favorable conditions.

It has been a long time since the first two positions in the U.S. were filled by stations not from New England. Richard, NN3W, took top honors in the U.S. from the N3HBX super station located just over the Potomac River in Maryland. Not far away was Ken, K4ZW, who always ends up at or near the top. He took second place. Third place went to Randy, K5ZD/1, who always makes a big score.

Masa-san, JH4UYB, was #1 in Asia and Japan from his hilltop QTH. Al, F5VHY (NH7A), made a big noise from 6W1RY, and John, VE3EJ, broke into the world top ten.

The continental winners were: North America VE3EJ, Africa EA9LZ, Asia JH4UYB, Europe CU2A (OH2UA), Oceania AH7C, South America P40W (W2GD), Japan JH4UYB, and U.S. NN3W.

Low Power All Band

If you want to go on a DXpedition and carry everything in one suitcase, barefoot is the way to go. A small transceiver, wire and vertical antennas near a beach somewhere and you are all set. If you choose the right QTH, you can run stations almost as fast as the higher powered stations.

Located on the northwest tip of Aruba is the station of P40A. John, KK9A, has now taken back-to-back world low power trophies. This is quite an achievement. Second place went to Ted, HI3TEJ. Ted is an enthusiastic ham on all levels. Third place world went to 9N7JO! A fine job was turned in by Stig, LA7JO. His excellent skills were enhanced by the Nepalese altitude, allowing him to put a rare one in many logs.

CT6A operated by José, CT1CJJ, was first place in Europe. This is the second year in a row that José took the plaque. Second place went to Dan, LY6M, and third place went to Zlatko, 9A2EU. In the U.S., we have another repeat winner—Ed, N1UR. However, this is Ed's third year in a row! Second place went to Texas, where Marvin, N5AW, put his considerable skills to work. Rounding out in third place was Peter, K2PS.

VP9I, 7Z1SJ, and 3XM6JR all did an excellent job to finish in the world top ten from interesting locations.

The continental winners were: North America HI3TEJ, Africa CN8SG, Asia 9N7JO (LA7JO), Europe CT6A (CT1CJJ), Oceania YB4IR, South America P40A (KK9A), Japan JA7LMZ, and U.S. N1UR.

QRP

The CQ WW offers QRPers a very good opportunity to work rare DX that would otherwise prove elusive. This category sharpens your searching skills and the rewards are very satisfying. The world winner this year is a real dedicated QRPer. Bill, W8QZA, even states, "I only operate QRP." Bill talked TI5N to the #1 position. Taking second place in the world, and first place in the U.S., was Chris, KA1LMR. Chris's multiplier count was outstanding. The third spot went to DF1DX, helping out the Rhein-Ruhr DX Association.

Second place in the U.S. was taken by Anthony, K8ZT, another committed QRPer. Third place with under 5 watts was Tom, N1TM. Following DF1DX, who was #1 Europe and #3 in the world, in second place Europe and #5 in the world was Simone, IK5RUN, who turned in a fine effort. Third place in Europe and #6 in the world was Angel, EA3FF. Special mention must be made of the fine score of Izuno-san, JR4DAH, #4 in the world and #1 in Asia. Toiling away a long way from anyplace was Tom, VK4HTM, the #1 Oceania entry.

The continental winners were: North America TI5N (W8QZA), Africa EA8IK, Asia JR4DAH, Europe DF1DX, Oceania VK4HTM, South America LW3DC, Japan JR4DAH, and U.S. KA1LMR.

Assisted

There are lots of reasons to enter the Assisted category. If you are casual contester, you can make the most of your time. If you want to help your club, assisted allows you to maximize your effort. Finally, if you just want the challenge of pushing QSOs and knowing when to use packet, then this category is for you.

The number one scorer was Mike, operating as FM/K9NW. Taking advantage of his location and racking up the largest QSO total in this category, Mike took away the trophy. Ondra, OK1CDJ, traveled to Algeria to activate 7W2W. He pushed this interesting call to world second place. Third place was taken by Wanderley, PY2MNL, operating from ZX2B.

In Europe there was a real battle in central Italy. The final #1 position went to IR4M operated by Fulvio, IK4MGP. What a beautiful setting for a contest station. Second place went to the famous water-tower QTH of IR4T operated by Fabio, I4UFH. Third place went to World-Wide Young Contester, Philippe, LX2A, operating his contest call of LX7I.

In the U.S. John, WE3C, took first place. He really made the difference in the multiplier department. Second place went to perennial top finisher Rick, KI1G, while third place also went to a long-time Assisted top scorer, Charles, K3WW. Special mention should be made of the great job turned in by two stations: RG9A (UA9AM) and 9M6DXX.

The continental winners were: North America FM/K9NW, Africa 7W2W (OK1CDJ), Asia RG9A (UA9AM), Europe IR4M (IK4MGP), Oceania 9M6DXX, South America ZX2B (PY2MNL), Japan JF2SKV, and U.S. WE3C.

Alex, PA1AW, talked 5Z1A into a lot of logs.

Multi-Single

The Multi-Single category attracts the second largest group of contesters, after low power. You can bring a group of friends together to have a good time. You can also bring a group from France, travel to French Guiana, put in a lot of work, and you have this year's winner of the Multi-Single trophy, FY5KE. Operating not far from the European space port at Kourou, they outdistanced the competition by 3.5-million points. In second place was CN3A, an all Italian team plus CN8WW. They did a remarkable job. Third place went to the Russian team on Cyprus using 5B/AJ2O. They were also #1 in Asia. In Europe the number one score went to Radio Club Porec, 9A1P. Second place went

TROPHY WINNERS AND DONORS

SINGLE OPERATOR
World All Band
P40W (Opr. John Crovelli, W2GD)
Donor: Dave Rosen, K2GM
WA2RAU and W2SKE Memorial

World Low Power
P40A (Opr. John Bayne, KK9A)
Donor: Slovenian Contest Club

World QRP
TI5N (Opr. William Parker, W8QZA)
Donor: Jeff Steinman, N5TJ

World Assisted
FM/K9NW (Opr. Michael Tessmer, K9NW)
Donor: N1JJ Johnson Joules Contest Club

U.S.A
Richard F. Di Donna, NN3W
Donor: Potomac Valley R.C. – KC8C Memorial

U.S.A Low Power
Edward Sawyer, N1UR
Donor: North Coast Contesters

U.S.A QRP
Christopher M. Merchant, KA1LMR
Donor: Patrick Collins, N8VW

U.S.A. Zone 3
Mitch Mason, K7RL
Donor: Dave Pruett, K8CC & Greg Surma, K8GL

U.S.A. Zone 4
Mike Wetzel, W9RE
Donor: Dave Pruett, K8CC & Greg Surma, K8GL

Canada
John Sluymer, VE3EJ
Donor: Contest Club Ontario
VE3WT Memorial

Caribbean/C.A.
Ted Jimenez, HI3TEJ
Donor: Alex M. Kasevich, VP2MM

Europe All Band
CU2A (Opr. Toni Linden, OH2UA)
Donor: Potomac Valley R.C. – W4BVV Memorial

Europe Low Power
CT6A (Opr. José Manuel Farto Lopes, CT1CJJ)
Donor: Scott Jones, N8OA & Tim Duffy, K3LR

Russia
Igor I. Burykh, UA3QDX
Donor: Roman Thomas, RZ3AA

Africa
Jorge Taboada Pareja, EA9LZ
Donor: Gordon Marshall, W6RR

Asia
Masaki Masa Okano, JH4UYB
Donor: 2 AM Dayton Pizza Gang

Japan
Yasuyuki Inoue, JR1AIB
Donor: Tack Kumagai, JE1CKA

Japan Low Power
Fumi Konno, JA7LMZ
Donor: Western Washington DX Club

Oceania
Tetsuo Tanaka, AH7C
Donor: Northern California DX Club

South America
OA4WW (Opr. Olli Rissanen, OHØXX)
Donor: Yankee Clipper Contest Club

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

World – 21 MHz
ZX5J (Opr. Sergio Almeida, PP5JR)
Donor: Bob Naumann, W5OV

World – 14 MHz
5Z1A (Opr. Alex Van Hongel, PA1AW)
Donor: North Jersey DX Assn. – K2HLB Memorial

World – 7 MHz
OK5R (Opr. Jiri Sanda, OK1RI)
Donor: Fred Laun, K3ZO – K7ZZ Memorial

World – 3.7 MHz
CN2R (Opr. James Sullivan, W7EJ)
Donor: Fred Capossela, K6SSS

World – 1.8 MHz
VY2ZM (Opr. Jeffrey Briggs, K1ZM)
Donor: Robert Wruble, W7GG

USA – 28 MHz
Charles Dietz, W5PR
Donor: Donald Thomas, N6DT

USA – 21 MHz
Larry Pace, N7DD
Donor: Worldradio

USA – 14 MHz
Daniel Handa, W7WA
Donor: Southern California DX Club

USA – 7 MHz
Zeljko Repic, W2/T98T
Donor: Stanley Cohen, W8QDQ

USA – 3.7 MHz
Joseph Gagliardi, AA1BU
Donor: Alex Jozsa, KG1E

USA – 1.8 MHz
Theodore Demopoulos, KT1V
Donor: N1JJ Johnson Joules Contest Club

Carib./C.A.(14 MHz)
Hugo Bergamo, XE1CQ
Donor: Nate Moreschi, N4YDU

Europe – 28 MHz
Danijel Voncina, S58D
Donor: Charles Dietz, W5PR

Europe – 21 MHz
9A1A
Donor: Tine Brajnik, S50A

Europe – 14 MHz
Daniel Horvat, T93M
Donor: Charlie Wooten, NF4A

Europe – 7 MHz
Ivica Matkic, T96Q*
Donor: John Warren, NT5C

Europe – 3.7 MHz
Ranko Boca, YT6A
Donor: Ted Demopoulos, KT1V

Europe – 1.8 MHz
SN2B (Opr. Kaz Drzewiecki, SP2FAX)
Donor: Robert Kasca, S53R

Oceania (14 MHz)
KH7Q (Opr. James Neiger, N6TJ)
Donor: Bruce D. Lee, KD6WW

Asia – 14 MHz
Vakhtang Mumladze, 4L8A
Donor: Al Teimurazov, 4L5A – JA4FWM Memorial

Japan – 21 MHz
Shinya Hatakenaka, JA5FDJ
Donor: CQ magazine

Japan – 14 MHz
Hiroyuki Inaba, JS3CTQ
Donor: Take Yokoyama, JL1BLW

MULTI-OPERATOR, SINGLE TRANSMITTER
World
FY5KE (Oprs: F1HAR, F5HRY, F5MZN, F6FGZ, F6FVY, FY5FY)
Donor: So. Calif. DX Club – W6AM Memorial

U.S.A.
K1KI (Oprs: K1KI, K1CC, KM1P)
Donor: Carolina DX Association

Carib./C.A.
6Y1V (Oprs: KY1V, K1LZ, W2GB, CT1ILT, K3LP, PY5EG)
Donor: Bob Raymond, WA1Z

Africa
CN3A (Oprs: I2WIJ, IK2QEI, IK2SGC, IK8UND, IZ2FFK, IZ4DPV, CN8WW)
Donor: CQ magazine

Asia
5B/AJ2O (Oprs: RX9TL, UA2FZ, RW4RW, RW3QC, UA9CDV, RA3AUU)
Donor: Edward L. Campbell, NT4TT
AA6BB and KA6V Memorial

Japan
JA7YAA (Oprs: JHØNZN, JE7HLZ, JG7PSJ, JO7DJT, JO7FTJ, JI5RPT, JJ5DWF)
Donor: Bob Epstein, K8IA

Europe
9A1P (Oprs: 9A1UN, 9A2CW, 9A2RD, 9A3ASF, 9A4M, 9A5CW, S55M (9A8WW), S59KW)
Donor: Bob Cox, K3EST

Oceania
AH2R (Oprs: JI3ERV/NH2C, JR7OMD/WI3O, JG3RPL/N1BJ, JE8KKX/AH2K, KH2/JH7QXJ)
Donor: Junichi Tanaka, JH4RHF

South America
PJ4E (Oprs: KØRAY, NØKE, NØVD, WA4PGM)*
Donor: Victor Burns, KI6IM
The Cuba Libra Contest Club

MULTI-OPERATOR, TWO TRANSMITTERS
World
3V6T (Oprs: YT1AD, YU1AU, YU1DW, YU1KX, YZ1EW, 4N1EA, 4N1NM, RX9UA, N2OW, Lotfi-3V8BB, Alea-3V8BB)
Donor: Array Solutions

U.S.A.
N3RS (Oprs: N3RS, N3RD, N3ED, N3NA, N2SR, W8FJ, N3DXX, K3IPK)
Donor: Kimo Chun, KH7U & Mike Gibson, KH6ND
Dan Robbins, KL7Y Memorial

Europe
IR4X (Oprs: I4EAT, I4IKW, I4AVG, I4VEQ, I4TJE, I4IND, IZ3EYZ, IK2NCJ, IZ4BOY, N5GN)
Donor: Aki Nagi, JA5DQH

Oceania
VK4WR (Oprs: VK4WR, ZL2MF, VK4FI, VK4TU, HA3LN)
Donor: Japan CQ Ham Radio

MULTI-OPERATOR, MULTI-TRANSMITTER
World
CT3YA (Oprs: CT3BD, CT3DL, CT3DZ, CT3EE, CT3EN, CT3HK, CT3IA, CT3IQ, CT3KU, CT3KY, CT3YA, CT3NT, CT1BOP)
Donor: Dave, W6NL & Barb, K6BL Leeson

U.S.A.
K3LR (Oprs: K3LR, N2NC, K8CX, W9ZRX, K8GL, W2RQ, KI4MTU, K3LA, N9RV, K1AR, K3UA, N2NT, N3SD, N3GJ, LU7DW, LW8EXF, WA4ILO)
Donor: Jim Lawson, W2PV Memorial

Europe
DR1A (Oprs: 5B4AFM, DB6JG, DF6JC, DG3FK, DH1NFL, DJ7EO, DK1FW, DL1EJA, DL2AA, DL6FBL, DL6LAU, DO1ET, HA1AG, PA1TT)
Donor: Finnish Amateur Radio League

Japan
JA3YBK (Oprs: JG3KIV, JG3MRT, JG3WDN, JI3OPA, JP3PZD, JH4NMT, JR4ISF, JF4FUF, JS1PWV)
Donor: Ryozo Goto, JH3JYS

CONTEST EXPEDITIONS
World Single Operator
6W1RY (Opr: Al Crespo, F5VHJ)
Donor: National Capitol DX Assn.
Stuart Meyer, W2GHK Memorial

World Multi-Single
CN3A (Oprs: I2WIJ, IK2QEI, IK2SGC, IK8UND, IZ2FFK, IZ4DPV, CN8WW)
Donor: Gail Schieber, K2RED

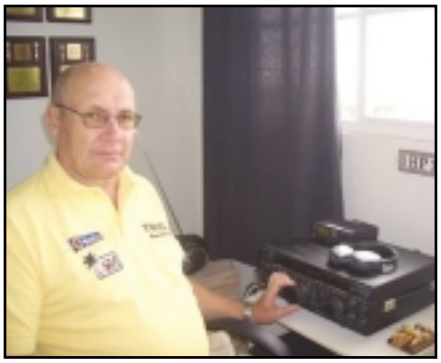
World Multi-Multi
XX9C (Ops: XX9TAC, XX9TDC, XX9TDS, XX9TEG, XX9TIA, XX9TJA, XX9TIB, XX9TJG, XX9TKK, XX9TLO, XX9TMY, XX9TNI, XX9TPT, XX9TPX, XX9TSA, XX9TTR, XX9TTK, XX9TRR, XX9TUI, XX9TUQ, XX9TVR, XX9TREM, XX9TYYW, XX9TTEK)
Donor: Tachio Yuasa, JA9VDA

SPECIAL CQ AWARD
XF4DL (Oprs: DF7TH, DJ5IW, DK2WV, DL3DXX, XE1AY, XE1FRF, XE1GRR, XE1UN, XE2K)
Donor: CQ magazine

**second place*

Bill, W8QZA, took TI5N to #1 world QRP.

Tetsuo, AH7C, Single Op, All Band, took first place in Oceania.



Olli, OHØXX, was world #3 Single Op, All Band, high power as OA4WW.

to the Slovak Contest Group, OM8A; what an antenna farm on the group's website! Third place in Europe went to the East Cork Radio Group, EI7M.

Here in the U.S. Tom's crew at K1KI took away the top spot. The fight for the next two positions was very tough between two stations from Texas. K5NA edged out K5TR for second place. AH2R continues to do an outstanding job from zone 27, and JA7YAA repeated as the top Multi-Single in Japan.

The continental winners were: North America 6Y1V, Africa CN3A, Asia 5B/AJ2O, Europe 9A1P, Oceania AH2R, South America FY5KE, Japan JA7YAA, and U.S. K1KI.

Multi-Two

3V6T operated by a Yugoslavian team finished first in the world. They commented, "We used new hardware this time, some new antennas, and new towers, too." EA8AH fielded quite an experienced team, with perhaps 15 CQ WW single operator championships among them. They won the second-place position Third place went to long-time top finisher, IR4X. They also finished first in Europe. Second place in Europe went to 9A7A, the Varazdin Contest Team. Third place went to the top score in zone 16, the UU7J contest team located in the eastern Crimea.

Sig's crew at N3RS dominated the M2 category in the U.S. What a fantastic, very professional effort they turned in. Second place was a real battle between the Winston Salem Courteous Operators Club, W4WS, and the W4RM crew. When the smoke settled, W4WS won second place over third-place W4RM.

The continental winners were: North America VP5DX, Africa 3V6T, Asia B7P, Europe IR4X, Oceania VK4WR, South America PS2T, Japan JA6ZPR, and U.S. N3RS.

Multi-Multi

A lot of hard work, months and months of planning, is the standard for the Multi-Multi category. Integrating the stations together and connecting them to the internet without a hitch is not an easy task. Many entries in this category have operators come from all over the world.

Reprising their role as the number one Multi-Multi in the world was the team at CT3YA. The Madeira Team was made up of 99% CT3 stations. Their location overlooking the ocean sure helped their fine effort. Finishing in the second position in the world was CT9L, a team headed by the Rhein-Ruhr DX Association. It looks like the Madeira Islands was the place to be. Third place went the Caribbean Contesting Consortium, PJ2T.

The battle of the Multi-Multi super stations in the U.S. is always push, push, and push some more. Tim's crew at K3LR again broke into the world top ten as #7, and that was enough to also take the U.S. Multi-Multi crown. In second place was Matt's team, KC1XX, in southern New Hampshire, and third was Frank's crew, W3LPL, in central Maryland.

The multi-national German station of DR1A took the number one position in Europe. In second place was the well-known club station of DFØHQ. In third place was the Belgium contest club, OT6A.

XX9C was an all-Chinese team that made a big effort from this rare QTH. The operator list (see the trophy winners table) provides more XX callsigns than we have ever seen. The Quartz Hill station of ZL6QH is a reliable beacon from the southern Pacific. The green-tea plantation station of JA3YBK showed its muscle by taking first in Japan. Every year HBØ/HB9AON gathers together a team and heads to Liechtenstein. The contest community really appreciates their efforts to put a rare one on the air each year.

The continental winners were: North America K3LR, Africa CT3YA, Asia XX9C, Europe DR1A, Oceania ZL6QH, South America PJ2T, Japan JA3YBK, and U.S. K3LR.

New Records

It took a long time to develop the CQ WW all-time records. They had to be determined by

TOP SCORES

WORLD

ALL BAND

P4ØW 9,068,480
EA9LZ 7,534,140
OA4WW 7,452,256
6W1RY 7,038,534
CU2A 6,598,032
VE3EJ 6,293,430
OE4A 6,108,386
LT1F 5,812,478
OH8X 5,477,608
S5ØA 5,418,576

28 MHz

LU1HF 1,075,545
PY2YU 634,502
PP5AMP 572,922
YM2W 473,180
T93O 232,839
S58D 260,304

21 MHz

ZX5J 2,312,386
8R1EA 1,531,887
CX5BW 1,441,940
ZY1A 1,041,296
9A1A 1,028,195
H2T 831,760

14 MHz

5Z1A 1,671,401
CN2ZR 1,437,618
ZC4T 1,340,325
4L8A 1,280,125
9Y4NZ 1,279,278
T93M 1,222,033

7 MHz

OK5R 878,628
T96Q 734,740
S53F 697,288
4LØABC 602,889
YT7A 558,600
F5FLN 404,673

3.7 MHz

CN2R 1,091,694
YT6A 410,108
KH7X 280,023
YL7A 251,442
9A6A 221,914
OM7M 214,776

1.8 MHz

VY2ZM 215,853
IG9C 164,190
EA8/OH4NL 137,984
SN2B 104,497
LY2IJ 87,904
4O5A 87,840

LOW POWER ALL BAND

P4ØA 7,660,224
HI3TEJ 3,628,053
9N7JO 3,055,689
VP9I 2,905,112
CN8SG 2,893,363
7Z1SJ 2,310,562
3XM6JR 2,205,218
PR2A 2,179,872
ZP5MAL 2,076,896
FG5JK 2,035,250

28 MHz

EA8TX 346,431
LW7HT 330,964
LR2D 187,153
PY2CX 187,153
LU2EVA 136,912
LW1HDJ 101,616

21 MHz

CT3/HA5PP 1,024,980
ST2T 744,790
HI3NR 718,875
PP5JD 581,840
YC3BDJ 579,410
L44DX 570,752

14 MHz

XE1CQ 732,017
A45WD 594,817
Z35T 494,331
L47D 452,738
LZ9X 334,134
YU7ZZ 323,850

7 MHz

CM6RCR 137,919
IK3UMT 113,285
SP4TKR 106,362
OE5CWL 106,029
HQ4R 104,748
S54A 103,251

3.7 MHz

IO1T 182,900
WP3C 97,440
S55O 79,728
YT1VP 71,368
F5BEG 61,304
OK1WCF 60,192

1.8 MHz

YMØT 81,207
ISØ/K7QB 46,079
LY2OU 22,977
DH8BQA 17,214
OL3X 16,414
UT9MZ 7,540

QRP ALL BAND

TI5N 753,181
KA1LMR 557,720
DF1DX 369,850
JR4DAH 269,584
IK5RUN 244,584
EA3FF 214,383
K8ZT 205,689
IZ1ANK 154,020
N1TM 121,638
EA1TI 95,274

ASSISTED ALL BAND

FM/K9NW 7,238,810
7W2W 6,855,216
ZX2B 5,846,880
IR4M 5,604,740
IR4T 4,847,472
LX7I 4,695,376
DJ4AX 4,584,400
WE3C 3,831,535
S57DX 3,828,697
UZ7U 3,406,032

MULTI-OPERATOR SINGLE TRANSMITTER

FY5KE 19,720,610
CN3A 16,171,029
5B/AJ2O 16,083,132
PJ4E 13,476,375
ZY7C 10,652,910
9A1P 9,675,616

MULTI-OPERATOR TWO TRANSMITTER

3V6T 23,901,295
EA8AH 21,141,571
IR4X 13,654,120
9A7A 12,944,310
PS2T 10,838,687
UU7J 8,727,840

MULTI-OPERATOR MULTI-TRANSMITTER

CT3YA 23,587,600
CT9L 20,530,520
PJ2T 17,208,288
DR1A 16,893,040
V26B 16,736,711
YV4A 15,007,586

EUROPE

ALL BAND

CU2A 6,598,032
OE4A 6,108,386
OH8X 5,477,608
S5ØA 5,418,576
ES5TV 5,064,255
GW4BLE 4,215,978
EA4KR 3,815,724
GM7V 3,054,301
SO6X 2,835,448
LB8IB 2,734,453

28 MHz

S58D 260,304
T93O 232,839
LZ1NG 195,300
GØKPW 195,210
IT9ZMX 184,899
UW2I 110,980

21 MHz

9A1A 1,028,195
YT9X 747,950
T9/9A8A 741,014
EA1FDI 644,520
9A4NW 558,670
MIØLLL 538,736

14 MHz

T93M 1,222,033
S57AL 925,106
YT2T 910,860
SSØK 794,034
DJ4PT 784,044
OHØX 758,370

7 MHz

OK5R 878,628
T96Q 734,740
S53F 697,288
YT7A 558,600
F5FLN 404,673
LX6T 276,908

3.7 MHz

YT6A 410,108
YL7A 251,442
9A6A 221,914
OM7M 214,776
4N1A 207,010
ER1Q 197,964

1.8 MHz

SN2B 104,497
LY2IJ 87,904
4O5A 87,840
S57M 86,728
SP3KEY 73,050
OZ1HXQ 70,858

LOW POWER ALL BAND

CT6A 2,026,357
LY6M 1,945,800
9A2EU 1,815,312
LY9A 1,669,796
UA4FER 1,496,315
DL4MCF 1,422,655
F4BKV 1,005,888
S51F 1,005,480
LY6A 991,200
UA4FRL 988,500

28 MHz

S57S 93,603
IKØEIE 68,880
EB3EPR 62,094
9A5KV 60,350
OM5FA 54,600
SP3LWP 50,244

21 MHz

EA7RM 324,576
4NØW 322,321
CU2/OH1VR 276,740
EA3FZY 185,136
IZ5DKJ 167,608
IR8M 167,472

14 MHz

Z35T 494,331
LZ9X 334,134
YU7ZZ 323,850
SP4XQN 318,941
RU6CQ 270,200
EU1AZ 251,537

7 MHz

IK3UMT 113,285
SP4TKR 106,362
OE5CWL 106,029
S54A 103,251
YO7LFV 95,551
UA3SAQ 88,288

3.7 MHz

IO1T 182,900
S55O 79,728
YT1VP 71,368
F5BEG 61,304
OK1WCF 60,192
SQ9UM 46,152

1.8 MHz

ISØ/K7QB 46,079
LY2OU 25,761
DH8BQA 17,214
OL3X 16,414
UT9MZ 7,540
GWØDCK 7,176

QRP ALL BAND

DF1DX 369850
IK5RUN 244584
EA3FF 214383
IZ1ANK 154020
EA1TI 95274
SP9RQH 92016
RW3AI 84864
RD4HD 80855
RX1CQ 64515
YO4AAC 51246

ASSISTED ALL BAND

IR4M 5,604,740
IR4T 4,847,472
LX7I 4,695,376
DJ4AX 4,584,400
S57DX 3,828,697
UZ7U 3,406,032
TM7F 3,373,290
DJ8OG 3,064,020
DJ2YA 2,824,640
LY8O 2,552,094

MULTI-OPERATOR SINGLE TRANSMITTER

9A1P 9,675,616
OM8A 9,431,424
EI7M 8,065,260
TM6M 7,819,830
HG1S 7,032,204
RK2FWA 6,883,352

MULTI-OPERATOR TWO TRANSMITTER

IR4X 13,654,120
9A7A 12,944,310
UU7J 8,727,840
HG6N 8,624,550
OE2S 8,382,465
DQ4W 7,926,040

MULTI-OPERATOR MULTI-TRANSMITTER

DR1A 16,893,040
DFØHQ 14,074,620
OT6A 11,921,840
MD4K 10,949,400
OHØZ 9,438,984
TM2Y 8,031,452

UNITED STATES

ALL BAND

NN3W 4,674,356
K4ZW 4,528,022
K5ZD/1 3,764,880
W9RE 3,556,816
WB9Z 3,055,964
N2IC/5 3,040,045
W3BGN 2,917,044
AA1K/3 2,671,484
K7RL 2,654,568
K3ZO 2,362,175

28 MHz

W5PR 65,110
W2RR 12,120

21 MHz

N7DD 505,448
K2WK/4 367,776
K9BGL 324,005
K2SS/1 317,615
N8II 290,725
NG2X 263,480

14 MHz

W7WA 922,374
WA7LT 273,456
W9EXY 213,300
K1IM 207,625
K6HNZ 203,625
W8TWA 200,629

7 MHz

W2/T98T 61,295
N2GC 58,552
ND8DX 50,298
K5KT/6 52,875
W1XX 37,037
WØGJ 34,404

3.7 MHz

AA1BU 189,953
K1LZ 162,648
W6KW 68,160
K5RX 67,116
K9ES/4 57,096
WA2AOG 6,542

1.8 MHz

KT1V 21,286
W2MF 15,512
W2VO 6,794
K1HAP 4,917
W3GH 4,719
K7BG 1,288

LOW POWER ALL BAND

N1UR 1,194,975
N5AW 1,128,320
K2PS 1,047,168
W3LL 985,130
WD5K 832,464
WØAH/4 732,000
W4KW 703,764
W1JQ 594,054
K1HT 581,360
ACØW 573,672

28 MHz

K4WI 38,808
K4QVK 4,842
NA5Q 3,390
WA5WFE 2,409
W4JIK 282

21 MHz

W6AFA 121,240
WØVX/5 104,284
W7UPF 72,216
WZ8T 66,568
W4EEH 58,588
KØDD 34,932

14 MHz

N4IJ 143,000
K2MFY 138,468
W7FP 132,600
N3GH 62,667
KZ5OH/4 52,598
K1VSJ 48,114

7 MHz

KU1CW/Ø 49,700
WAØKDS/7 18,403
AB7E 15,189
AK3E 8,694
KK8MM 7,473
KU6T 2,436

3.7 MHz

K2YEH 15,343
K8DO 11,130
K9WZB/7 8,256
K2SZ 7,426
KBØFHP/3 1,768

1.8 MHz

KB7Q 765
W9LYA 48

QRP ALL BAND

KA1LMR 557,720
K8ZT 205,689
N1TM 121,638
N7IR 77,390
K7HBN 57,824
NE1RD 54,288
N8IE 31,244
K4JAF 23,406
KR1ST/4 19,602
W8VE 12,024

ASSISTED ALL BAND

WE3C 3,831,535
KI1G 3,141,137
K3WW 3,088,684
N3AD 2,653,068
W4WTB 2,390,284
W3UA/1 2,220,141
K2NG 2,206,446
AA3B 2,009,815
W1GD/2 1,906,208
K7RC 1,876,476

MULTI-OPERATOR SINGLE TRANSMITTER

K1KI 5,832,536
K5NA 3,472,950
K5TR 3,367,336
NØNI 3,148,368
KØRF 3,010,661
N4RV 2,800,448

MULTI-OPERATOR TWO TRANSMITTER

N3RS 6,964,156
W4WS 3,948,870
W4RM 3,902,130
NK7U 3,440,613
KØTV/1 3,380,383
W6YI 3,143,400

MULTI-OPERATOR MULTI-TRANSMITTER

K3LR 14,957,712
KC1XX 12,399,972
W3LPL 11,663,872
NQ4I 6,971,692
K3NA/1 6,777,000
K1RX 6,292,208

The Multi-Single 6Y1V station has a nice ocean view.

hand up through 2000. Once that was accomplished, keeping up yearly updates was not as difficult. You can QSY to <cqww.com> to check the records for every country that has entered the CQ WW since 1948. If you discover an error, please let us know at <questions@ cqww.com>. Below are the outstanding efforts of super operators which resulted in setting new SSB records during the 2006 contest. Congratulations to all!

World: 3.7 CN2R (W7EJ), L1.8 YMØT
North America: 1.8 VY2ZM (K1ZM), L14 XE1CQ, L3.7 WP3C
Africa: 3.7 CN2R (W7EJ), Q14 EA8ARG
Asia: L1.8 YMØT, A3.7 RT9W (RX9WR)
Europe: 7 OK5R (OK1RI), L3.7 IO1T (IK1RQT), L1.8 ISØ/K7QB
Oceania: 3.7 KH7X (KH6ND), A21 VK9AA (VK2IA), A14 KH6RZ (W6YM), A3.7 KH6/ AF7DX
U.S.: A1.8 K3BU/8

Team Contesting

Five contesters from anywhere in the world can join together to form a team. As you can see below, the World-Wide Young Contesters QRO Lids team rose to the top and took away top honors. The team operated from four different countries. Second place went to the Carolina DX Association, who had a member travel to 4X-land. Third place went to the famous Kaunas Technical University Radio Club. Congratulations on 50 years of activity! Besides sending a fax or mail to *CQ,* you can submit your team list to <teams@cqww.com>. You will receive an acknowledgement.

1. WWYC QRO Lids: SJ2W (SM3WMV), NN3W, OH1F (OH1NOA), LX7I (LX2A): 11,110,820.
2. Carolina DX Association: 4X/AA4V, AA4S, N1GC, N4PQX, W4WTB: 9,078,007
3. KTURC – 50 Years Anniversary Celebration: LY1R, LY4CW, LY5R, LY6A, LY9A: 4,291,025
4. WWYC QRP Lids: DM2SR, CT6A (CT1CJJ), DM7A (DJ1YFK), F4BKV: 3,720,607
5. Australis: 9M2CNC, VK8AA, VK4LAD, VK4CZ: 3,443,411
6. Minnesota #1: VB4MWA, KØSR, ACØW, KH6FI: 2,845,547
7. Stafford DX Association: K2PT, K4HR: 1,971,057
8. WWYC Single Band Lids: OQ5M (ON5ZO), SM6U, E21EIC, S55O, T96Q (9A5K): 1,649,466
9. Minnesota #2: WØGJ, WA2MNO, KØKX: 515,946
10. Yaroslavl Contest Club: RV3MI, RX3MA, UA3MEJ: 421,138

Special Mention

The following are some of the many who made the contest more interesting for everyone by going on DXpeditions or providing rare callsigns: 3A/IZ2EID, 3DAØWW, 3V6T, 3W9JR, 3XM6JR, 5B/AJ2O, 5H3EE, 5R8FU, 5Z1A, 6W1RY, 6W1SE, 6Y1V, 7W2W, 8R1EA, 9G5A, 9M6BRC, 9M6DXX, 9M8YY, 9N7JO, 9N7MV, A41MX, A45WD, A61C, A61M, A71EM, A92GR, AH2R, ATØD, B1Z, B7M, B7P, BA4DW, BA4RF, BA4VE, BA6IV, BA6QD, BD1DQU, BD1DRJ, BD3AIE, BD4ALC, BD4BTB, BD4IXA, BD4SI, BD4SQ, BD7IBN, BG1LKK/4, BG1QMU, BG3MZX/3, BG4AGK, BG4QGO, BU2AI, BU2AO, BV2B, BV6GU, BY1BZH, BY1DX, BY1QH, BY1TT, C4M, C52T, C6APR, C6AQC, CN2R, CN2ZR, CN3A, CN8NK, CN8SC, CT3/HA5PP, CU2/ OH1VR, CU2A, DU9/NØNM, DU9SS, DV1AV, DV1EG, DV1JSB, DX1DBT, E2ØPFE, E21EIC, E21YDP, EA8/OH1VR, EF8A, ES1QMA, EX7ML, EY7AF, EY8BA, EY8MM, FK8GM, FM1HN, FM5AN, FM5FJ, FM5JC, FS/WY3P, FY1FL, FY5KE, GU4EON, H2T, H7A, HBØ/HB9AON, HD2A, HI3C, HI9L, HQ4R, HQ9R, HR1RTF, HR2RCH, HR4/ EW1AR, HSØ/EA4BKA, IF9A, IG9C, IG9R, IH9YMC, J3A, J43J, J48RT, JD1/JE1LCK, JD1BIA, JT1C, JU1DX, JV800CJ, JW5E, JW7QIA, JY4NE, LX6T, LX7I, MD4K, MU5W, OA4WW, OHØZ, P40A, P49Y, PJ4E, PZ5RA, R1ANC, S9SS, ST2M, ST2T, SV9COL, SX5P, T40M, T6EE, T70A, TC2T, TF/DL2JIM, TF/ DL2JRM, TF60IRA, TGØAA, TI5N, UK8AKK, UP5G, V26HS, V31FB, V49A, V73RY, VK9AA, VP2MHX, VP2MQD, VP5DX, VP5T, VP8NO, VP9I, VQ9X, VR2/AA1ON, VR2BG, XF4DL, XU7MDY, XV2LH, XW1A, XX9C, YEØX, YE1ZAT, YI9QJ, YMØT, ZA/UT7DW, ZA/ Z35M, ZC4T, ZD8I, ZF2AH, ZL6QH, ZS9X.

Please check out the dramatic increase in activity from China, Panama, Honduras, Indonesia, Thailand, and the Philippines, to name a few places where an increase is very welcome. The number of European entries continues to increase dramatically, as you can see by reading the results.

TOP SCORES IN MOST ACTIVE ZONES

Zone 3

K7RL	2,654,568
K6XX	1,192,985
W7WA	922,374
K7ZZ	838,134
K4XU/7	639,232
K6NA	573,540
N7DD	505,448
*K7ACZ	328,440
KV7DX	290,997
W8AEF/7	290,799

Zone 4

VE3EJ	6,293,430
VE3RM	3,699,630
W9RE	3,556,816
WB9Z	3,055,964
N2IC/5	3,040,045
VE6SV	1,611,360
VC3R	1,250,058
VE3CX	1,160,700
N5AW	1,128,320
*VA7RR	956,532

Zone 5

NN3W	4,674,356
K4ZW	4,528,022
K5ZD/1	3,764,880
W3BGN	2,917,044
*VP9I	2,905,112
AA1K/3	2,671,484
K3ZO	2,362,175
K3ZM/4	2,101,464
N6AR/4	1,381,863
AA4S	1,078,056

Zone 14

CU2A	6,598,032
GW4BLE	4,215,978
EA4KR	3,815,724
GM7V	3,054,301
LB8IB	2,734,453
OZ7X	2,523,900
GMØF	2,175,762
*CT6A	2,026,357
*DL4MCF	1,422,655
GW3NAS	1,383,046

Zone 15

OE4A	6,108,386
OH8X	5,477,608
S5ØA	5,418,576
ES5TV	5,064,255
SO6X	2,835,448
SN7Q	2,366,812
YL6W	2,068,041
LY6M	1,945,800
II4A	1,911,455
*9A2EU	1,815,312

Zone 16

UA3QDX	2,453,457
US5D	2,284,295
*UA4FER	1,496,315
UV5U	1,270,816
UYØZG	1,104,414
UY5ZZ	1,097,370
RW1ZA	1,065,858
*UA4FRL	988,500
RN4AA	886,410
EU1PA	875,812

Zone 25

JH4UYB	4,067,140
JR1AIB	1,726,725
JM1XCW	1,500,638
JA7NVF	1,045,584
JI2KXK	764,712
8J3YAGI	669,369
JS3CTQ	647,642
*JA5FDJ	637,670
JF1SEK	497,376
JA2BNN	448,632

**Low Power*

Comments

Fall of 2006 was seeing us nearing the bottom of the sunspot cycle. The conditions were far from excellent. In spite of this, the number of entrants in the SSB contest was at an all-time high! Over 4500 logs were received. Of those, 4310 were electronic! Your continued submission of an electronic log allows for a more detailed database and fairer adjudication. As has been mentioned many times before, your UBN/NIL report is just an aid to help you pinpoint how to improve your copying skills. Submitting an electronic log is easy. Send your SSB log and summary sheet to <ssb@cqww.com> (CW to <cw@cqww.com>). Please send your log in Cabrillo format. Remember to name your file with your call with .cbr extension—e.g, JT1BV.cbr. If you did everything okay, you will get back an acknowledgment. If there is something wrong, you will get a message telling you what to do to correct the error. The messages are presented in numerous languages. If you don't see your language and you would be willing to help out by translating for your fellow countrymen, please contact <k3est@cqww. com> for more information. If you are still having problems, we can help you at <questions @cqww.com>. If you make a mistake on your first log submission, you can resubmit your log. It will replace the first submission.

We continue to receive logs where the entrants forget to change bands on the computer logging program. A lot of time is spent correcting these potential "not in log" problems. Please be careful to log all of your QSOs on the correct band.

It bears repeating that packet use without claiming Assisted is against the rules. Also remember that the use of alerting networks to self-spot is against the rules. Self-spotting can be broken down into doing it yourself or trying to hide the fact that you are doing it by using other callsigns. The first case is almost always ignorance of the rules. The second case is a deliberate attempt to hide the spot by the entrant or by someone

associated with the entrant. There is nothing wrong with coming across a station and spotting it, but *self-spotting is not allowed.* Repeating from a few years ago, the CQ WW has few requirements: write down the call-sign of the station you are talking to, claim the correct category, and do not self-spot. Not so hard. The contest is for the entrants to have fun, meet friends, perhaps work some new ones, and fairly compete.

When we provided a trophy for the 21 years and younger category, we did not anticipate a bookkeeping problem: Almost no one indicates his or her age on the summary sheet. If you want to be eligible to perhaps win this trophy, please indicate your age under the "comments" section of the summary page.

Thanks

The CQ WW Contest Committee thanks all of the entrants who make the CQ WW *the* event each year. We do our best to assure that the results are true and accurate. The results that appear here each year require hundreds of hours of work by a lot of people. The members of the CQ WW CC who provided labor and insight in creating these results were: K1DG, K1AR, K3WW, K3ZO, K3LR, KR2Q, N2AA, N2NC, N3ED, N9RV, W3ZZ, KM3T, KT3Y, W5OV, N5KO, K6AW, and N8BJQ. The logs were received and processed by Larry, N6TW, and the scores listings were developed by Dick, N6AA. A special thanks to these hard workers. The CQ WW uses software that was developed by N6TR. Additional software was provided by WT4I. The CQ WW records are maintained by N2NC and K3EST. The All-time continental records are maintained by K6SSS. Thanks to K1AR for his advice and hard work to make the CQWW so successful. Our CQ WW CC members who are DX advisors were very helpful in offering advice, providing information, and sorting out potential problems: CT1BOH, DL6RAI, EA3DU, F6BEE, G3SXW, I2UIY, JE1CKA, OH2KI, OH2MM, OK2FD, PY5EG, S50A, UA9BA, VA7RR, VE3EJ, and E21EIC. Translation of the rules into Spanish, Japanese, German, Turkish, and French were done by EA3DU, JE1CKA, DL6RAI, TA3J, and F6BEE.

It is with a heavy heart that we move forward after the untimely loss of our friend Phil, N6ZZ (a long-time CQ WW CC member). Phil exemplified a full and active life in every way, including contesting. Among his many accomplishments, he was one of only two people to have operated the CQ WW contest from all 40 zones. His last CQ WW contest operation was from PZ5RA in November 2006. You can honor his memory by taking part in contests, which he loved. Operating the 2007 CQ WW by trying your best and being respectful of others will honor his memory.

Congratulations to all the participants and winners on all levels! CU in the 2007 contest! 73, Bob, K3EST

DX QRM

2EØTLB: Great fun. This is how contests should be. **6W1RY:** Big surprise was the opening on 10 meters at this point of the sunspot cycle. Pity that I worked so few JA stations. I miss their excellent operating skills. **8P2K:** What terrible conditions. Still it was great to work lots of good DX. **9W6RAY:** My first CQ WW contest. Had fun, though my vertical has big ears but small mouth. Heard lots of stations but most didn't hear me. Will be back next year. **C52T:** Great signals from all parts of the world on all bands. Shame I couldn't get heard with my low power. Good openings on 10m. Spent all of Sunday running from a battery with just 50W out. **CT3YA:** The Madeira team would like to give a special thank you to each of the stations that came to our QRG to work us or at least tried to work us. We would like to congratulate all the teams that made the CQ WW DX SSB a great contest. **DL1XAS:** I didn't take part for more than 15 years, and I had a lot of fun testing my new QTH. Perhaps next year with beam to get more countries. My little son, 6 years old, enjoyed listening to what papa did. Propagation was not so good mostly. **DP6A:** Multi Two forever! **E21YDP:** Nice to work stations from SA and Caribbean: LU7HN, OA4WW, YV4A, and 5K4DX. Also nice to work Larry Jr., XW1X, from Vientiane. Tnx for all QSOs.

EA3EJI: For sure, despite forecasts, the CQ WW made its own propagation! Ten meters became glorious! **EI2JD:** Great contest, great conditions on all bands. **F5KSE:** First participation in CQ WW DX, and not the last. Many thanks to F5KSE Radio Club for loaning their station. **G2B:** Our first attempt at CQ WW SSB and we enjoyed ourselves greatly. We had a few dramas, like a PC crash, which lost rig and SteppIR control. Maybe a few mistakes there. Our FT-1000MP went wrong at 2235 UTC. **G4MKP:** My technique improves every year. All I need for next year is a 200 ft. tower for me and two weekend tickets to Paris for my XYL and daughter. Outstanding contest.

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
P4ØW	34/8/18	434/17/71	829/20/74	1724/31/97	2048/29/103	1110/20/54
EA9LZ	125/6/43	526/14/76	672/22/77	1515/33/105	1121/29/106	498/18/68
OA4WW	10/7/9	125/19/43	841/29/86	1326/35/106	2146/29/108	537/19/54
6W1RY	2/2/2	167/13/43	504/19/70	1442/36/112	1846/27/93	1078/19/87
CU2A	183/10/46	352/16/63	1055/22/79	1479/27/94	1546/27/100	972/18/82
VE3EJ	264/10/34	512/23/64	532/27/83	1998/37/122	807/27/102	323/18/47
OE4A	185/6/48	596/13/74	862/31/96	1723/35/116	1305/34/114	437/21/79
LT1F	2/2/2	12/8/8	406/23/42	1090/33/90	1755/29/106	1224/23/92
OH8X	129/8/43	272/19/75	702/30/105	1833/35/110	947/30/115	306/16/73
S5ØA	108/6/48	531/20/76	966/30/106	1467/34/120	827/33/107	282/19/79

USA TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
NN3W	70/11/34	243/18/73	298/23/82	1580/38/134	640/27/101	156/17/45
K4ZW	45/9/26	286/23/81	369/23/78	1391/37/125	596/24/93	133/18/49
K5ZD/1	85/11/34	288/18/69	199/22/72	1170/29/113	709/30/104	69/12/26
W9RE	53/11/22	292/23/77	276/26/79	1104/36/121	605/32/100	80/11/30
WB9Z	39/8/20	236/19/67	182/27/81	914/38/123	597/30/100	85/14/36
N2IC/5	12/6/8	165/23/45	311/26/65	669/35/107	922/33/107	149/18/41
W3BGN	53/9/33	139/18/58	238/20/72	1071/36/115	413/24/95	110/13/49
AA1K/3	33/9/16	101/16/50	223/22/71	1143/34/120	350/27/87	198/18/54
K7RL	16/7/8	256/23/41	323/28/68	1327/37/123	365/27/63	54/12/21
K3ZO	21/8/11	335/16/71	216/20/76	651/28/106	537/21/88	90/8/23

WORLD MULTI-OPERATOR SINGLE TRANSMITTER

FY5KE	152/14/61	583/25/88	597/31/116	2406/38/150	3062/35/146	1396/29/116
CN3A	145/10/55	435/20/87	1142/30/119	1844/39/136	2876/37/160	626/26/112
5B/AJ2O	252/9/60	551/17/89	1444/29/112	1947/35/135	2207/36/140	1217/27/95
PJ4E	35/8/19	430/18/72	1268/30/109	2110/33/128	2109/34/133	1115/23/71
ZY7C	1/1/1	339/16/71	696/31/100	2033/37/143	2248/33/139	331/24/94
9A1P	141/8/58	595/18/85	1123/35/123	2307/38/153	1398/38/152	649/25/111

USA MULTI-OPERATOR SINGLE TRANSMITTER

K1KI	85/12/48	187/22/77	586/31/108	1219/35/136	772/31/121	155/19/76
K5NA	19/10/18	105/21/67	347/28/95	637/36/137	1143/33/128	146/19/59
K5TR	63/9/17	97/21/60	337/29/96	911/36/131	1054/34/126	114/20/49
NØNI	39/10/21	134/24/66	211/25/83	902/38/136	761/33/118	99/15/44
KØRF	19/8/11	86/24/51	417/32/98	870/37/137	603/29/111	96/14/40
N4RV	53/8/29	152/18/66	207/25/85	541/33/127	699/31/118	124/18/49

WORLD MULTI-OPERATOR TWO TRANSMITTER

3V6T	246/9/58	1524/25/98	1837/33/120	3157/37/125	2689/36/140	1529/27/95
EA8AH	130/11/49	822/24/97	1848/30/111	2271/37/148	3049/36/144	1348/24/110
IR4X	152/10/59	1029/26/106	1684/35/126	2171/38/149	2181/38/160	1048/29/119
9A7A	357/8/56	1155/23/98	1598/35/131	2721/38/155	2201/38/153	663/25/107
PS2T	3/2/2	46/13/16	795/29/85	1755/37/124	3085/37/144	1289/27/115
UU7J	296/11/63	656/28/93	1322/36/124	2183/40/149	1812/36/143	731/27/105

USA MULTI-OPERATOR TWO TRANSMITTER

N3RS	68/10/41	470/21/88	564/28/110	1304/37/144	1073/32/125	206/19/69
W4WS	28/7/8	205/19/67	360/27/100	1367/34/136	688/30/114	96/13/35
W4RM	59/10/34	394/21/80	404/26/88	1259/35/117	543/26/98	73/13/26
NK7U	33/8/14	395/27/59	429/31/85	1293/38/146	438/29/80	100/12/32
KØTV/1	52/10/25	440/22/92	215/26/91	872/32/130	521/26/108	95/14/32
W6YI	10/5/4	123/20/37	532/29/81	924/37/129	753/32/97	96/16/34

WORLD MULTI-OPERATOR MULTI-TRANSMITTER

CT3YA	163/10/56	841/24/92	1920/34/126	2782/38/150	2924/38/156	1123/31/117
CT9L	157/8/49	474/16/76	1623/33/118	2648/37/137	3337/37/149	1186/27/100
PJ2T	225/10/26	883/25/95	1387/29/109	3141/34/118	2957/30/114	1059/16/42
DR1A	755/11/64	1864/24/103	2491/36/137	3361/40/163	1817/37/161	1002/27/117
V26B	239/10/33	741/23/95	1945/29/118	2924/34/116	3848/33/125	1030/17/58
YV4A	93/7/17	553/18/72	1316/30/111	2766/37/135	2947/29/110	802/25/80

USA MULTI-OPERATOR MULTI-TRANSMITTER

K3LR	305/16/57	991/28/104	1054/31/118	3047/40/165	1384/32/135	481/23/87
KC1XX	273/11/48	893/25/105	953/29/114	2108/39/153	1694/32/138	272/21/71
W3LPL	367/15/63	837/28/106	1077/29/119	1962/39/155	1190/32/137	421/24/86
NQ4I	181/11/37	295/25/80	843/30/115	2118/37/146	809/36/133	249/19/51
K3NA/1	217/13/56	599/24/101	640/27/108	1157/32/136	639/30/123	328/21/79
K1RX	147/13/42	517/23/93	561/27/107	1380/35/138	666/28/119	304/21/72

Thank you. **G4OCO:** As always CQ WW makes its own propagation. My first HF contest in several years. Must improve my LF antennas. **GI4SJQ:** Lots more time this year even though I had to work on Saturday. Worked mostly Europe with very few W/VE stations on 15 and 20m worked. 10m was open which was a change. Great fun but very tiring. QRM was very heavy. **GM2T:** Enjoyed the contest as always. Great to see Foundation license holders,some of them entering a contest for the first time, having a real go and coping with heavy QRM. **GW3YDX:** Very hard work on Sunday. No USA at all!

HR2RCH: Tnx fer nice contest and allowing our radio club to participate. Tnx to all the stations that make this contest so great because of the pile-ups. **IO4T:** Our best WW DX SSB. Nice team, good Es openings on 10 and 15 Sunday. **IWØHOU:** My first CQ WW SSB. Definitely an exciting experience. Only 506 QSOs but a good start for the future. **JM1LPN:** The propagation was better than expected on 15m on Saturday. Sunday was poor with the path to the polar areas very limited. We do not remember working so few stations from Scandinavia during the CQ WW. **KH7U:** Good conditions. It was great running stateside in the morning and having FG5FU break through, then a few QSOs later, 6W1SE. **KL1V:** Great openings into the Pacific, but where was the rest of the world? **LU8SAN:** My first entry log in CQ WW. I'm blind and automatize with a pulser to take QSO time to record in tape. Some LU hams helped me to write software that permits logging more easy in real-time QSO logging. I'm very happy. New doors were opened and enjoy this moment. **M4A:** A very fun contest entry with a large team made up almost entirely of current students or recent graduates of Cambridge University.

OH2TI: Demonstration of contesting at club. Also first little bit of proper contesting in ages. Had fun. Must start to do this more often (OH5JOC). **OK4DZ:** I am newcomer, having one year ham licence now. First time in CQ WW for a few hours. Excellent propagation. **OT6L:** New location in the fantastic shack of ON4HIL with lots of new operators. Had a lot of fun and learned a lot, especially what you are allowed to work as multiplier station in MOST class! **P40A:** Awesome contest with conditions better than predicted, again! **PE2KP:** It was great DXing with my 4.5 watts QRP and working a few new ones on 160 meter band. All the bands were open for DXing. **PI4COM:** After a few years, back to multi-operator contesting. Our mix of experienced and new contesters sure enjoyed this contest. CU in the next one. **RZ6MO:** Very big surprise, good conditions on 28 MHz after 5 years of silence. **S50D:** Team of youngsters led by op S59D was introduced into world of contesting.

EUROPE TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
CU2A	183/10/46	352/16/63	1055/22/79	1479/27/94	1546/27/100	972/18/82
OE4A	185/6/48	596/13/74	862/31/96	1723/35/116	1305/34/114	437/21/79
OH8X	129/8/43	272/19/75	702/30/105	1833/35/110	947/30/115	306/16/73
S5ØA	108/6/48	531/20/76	966/30/106	1467/34/120	827/33/107	282/19/79
ES5TV	361/9/55	578/22/82	869/30/95	1769/38/133	804/31/116	384/15/72
GW4BLE	100/8/46	501/12/70	654/22/80	1236/29/97	816/21/80	317/19/75
EA4KR	26/5/21	498/17/82	525/21/76	1342/28/100	1118/27/93	118/17/61
GM7V	247/7/45	632/19/78	692/26/95	1249/31/105	750/28/92	244/13/60
SO6X	153/8/38	616/16/77	538/28/95	1225/33/97	307/29/99	181/21/75
LB8IB	388/6/52	760/12/73	378/13/71	1362/32/116	507/22/85	159/10/55

EUROPE MULTI-OPERATOR SINGLE TRANSMITTER

9A1P	141/8/58	595/18/85	1123/35/123	2307/38/153	1398/38/152	649/25/111
OM8A	370/12/62	417/22/92	1288/34/125	2265/39/160	1187/38/153	280/23/104
EI7M	231/9/57	858/19/95	568/25/100	2317/40/145	1386/33/134	985/20/100
TM6M	191/7/52	468/19/87	761/30/103	2502/38/151	709/32/132	479/20/94
HG1S	113/8/53	553/19/83	960/33/117	1835/38/149	945/37/155	642/24/112
RK2FWA	367/9/61	599/19/82	999/33/117	1786/37/161	848/36/140	569/21/92

EUROPE MULTI-OPERATOR TWO TRANSMITTER

IR4X	152/10/59	1029/26/106	1684/35/126	2171/38/149	2181/38/160	1048/29/119
9A7A	357/8/56	1155/23/98	1598/35/131	2721/38/155	2201/38/153	663/25/107
UU7J	296/11/63	656/28/93	1322/36/124	2183/40/149	1812/36/143	731/27/105
HG6N	429/8/62	1147/20/95	1289/32/121	1771/36/145	1584/37/144	614/25/100
OE2S	405/7/56	872/18/83	898/32/119	1636/40/148	1667/35/145	705/27/111
DQ4W	224/6/46	815/19/83	1013/31/112	1971/36/133	1585/37/144	371/22/91

EUROPE MULTI-OPERATOR MULTI-TRANSMITTER

DR1A	755/11/64	1864/24/103	2491/36/137	3361/40/163	1817/37/161	1002/27/117
DFØHQ	867/10/61	1737/27/106	2516/36/143	2755/39/168	1554/37/154	983/26/123
OT6A	733/8/56	1741/20/95	1944/34/126	2421/39/157	1515/35/148	990/25/111
MD4K	936/11/65	1270/16/82	2815/31/117	2443/39/153	2134/30/134	1669/21/93
OHØZ	939/9/59	1467/23/94	2057/31/113	2443/40/155	1159/33/139	767/21/84
TM2Y	344/11/53	1003/20/87	873/26/90	2046/39/142	1662/34/125	563/21/91

SE5S: Much fun on first day when 10m and 15m were open. I got many new DXCC in this contest. Thanks to all who heard my "Swedish call"! 75W works okay! **SN1X:** Next year will be better. Sunday without NA and SA was just like tea time. **T6EE:** This was my first CQ WW; it was not my first amateur radio venture into Afghanistan. Fortunately, two years earlier I set up an amateur station to mark Afghanistan's first presidential election. **TF4M:** The magnificent aurora made conditions very difficult. **U1BA:** Anniversary contest. My first CQ WW phone was in 1956 (club station UA1KBB). **VE3MGY:** You could actually hear the aurora in the headphones and signals were down by a factor of 20! It would have been an excellent weekend for the CQ WW VHF contest! **VK1AA:** I am 9 years old and this was my first contest. My dad and I operated from the car, running 60 watts to mobile antenna. I liked it very much. **VP2MQD:** This was my first trip to Montserrat. We ran low power with limited antennas. It was tough on low power from the Caribbean, but I enjoyed the contest. **VY2ZM:** Solar minimum low band condx not optimal but reasonably good. Nice to see so many old friends.

XE2S: Thanks to all of you who gave me the chance to QSO and hope to see you next contest. **YI9QJ:** Dipole in a war zone. **YM125ATA:** It was very tiring to work with 10-character callsign. It was a pleasure for me to remind everybody about Turkish leader with YM125ATA/4 special callsign during contest. **YO2IS:** Pleased to find 10 meters wide open, not too many participants. Was running my "Retro-Rig," GU29 (Russian 829B) PA, 75W and trap gp. **ZL2AWH:** Conditions not good. Had trouble getting stations to turn their beams down under. **ZM2M:** Enjoyed our first as ZM2M operating from a farm workshop with two wires and two Yagi antennas erected for the contest. **ZS9X:** First M2 from the new ZS9X contest station!

USA QRM

AA5RO: First time for most of the operators. **AB7E:** Wow, what a grind. Operating low power with a dipole on 40m in an SSB contest is an exercise in perseverence. Lots of calling, lots of time between contacts, and all S&P, at least here from Arizona. **AC5ZS:** Thank God for 10 meters! **AF7DX:** Just changed my call from AH6RF to AF7DX as I am moving to WA soon. Boy, was it a pain to sign "portable KH6" for the contest! Guess this will be my last CQ WW from Hawaii. Thanks for the fun! **KØDD:** They say I have awoken from a 15 year coma. **KØIZ:** Surprisingly good band conditions. Five more multipliers than last year. Using my Collins vintage station adds a fun element to contesting. **K2HN:** QTH had snowstorm and power outages which limited operations. Special thanks to all the stations that took the time to pull me out of the noise (5W). **K2MFY:** Contest off to a good start: first QSO was B7P! **K3MQ:** My first SSB DX contest. Great fun! But some ops spoke so fast I thought I had picked up a RTTY signal! **K3ZT:** Lots of great DX contacts on 15 meters! **K5RX:** 80 meter signals from Europe way below normal. Heard no Scandinavia at all. Big surprise to be called by 9M6DXX. First time for our club to participate. We enjoyed it! **K7ACZ:** Heard some Asia stations S&P but not running. Would have loved to log them. Thanks to 3XM6JR for asking for the West Coast, otherwise would not have been able to get through to him past the East Coast curtain.

KA1C: Wow! The first contest I worked where I was able to make contacts on all bands, 160 through10m. Nice to see 10, 15, and 160 open on the same weekend. **KBØFHP:** Oh, I wish I had had a couple of more dB! This was undoubtably the hardest time I have had in a contest, low power and on 80m, using only a cheezy wire vertical strung in the trees, with only minimal radials. I think I got really tired of "again again?" I want to thank everyone who was patient with my puny signal. **KG4VPC:** My first CQ WW contest ever! Had fun and worked a lot of new countries. **KU4V:** My tree wires seemed more directional and gray-line dependent than I anticipated. JH4UYB and V73RY were surprises as much as hardly no Europe! **KY6LA:** I love this contest. I only wish I had more time to play at it. 10m was open and lots of DX contacts during the supposedly low sunspot cycle. **NE1RD:** High winds and a couple of power brown-outs threatened but did not affect the weekend's operation. I was able to sneak up a G5RV at 55 feet and make it a flat-top (instead of the inverted-V like last year) and that helped considerably. QRP phone is still a challenge, especially with wire antennas, but that's what makes it fun! **NJ9Z:** Very challenging conditions with lots of QRN/QSB. Being able to bust through a few pile-ups with low power and a vertical made it all worth it. **NN7SS:** This was multi-operator from my "new" Vashon Is. QTH with the members of the Vashon-Maury Island Radio Club (W7VMI), many of whom were brand new to CQ WW.

W1CTN: 20 meters was like a knife fight in a telephone booth, no quarter given. **W4CEO:** Hit my goal of 200 QSOs. Not bad using Hamsticks on the car in the driveway. Highlight was working the FK8 on 15m. **W4WS:** First try at M/2. So much fun, yet so different in terms of strategy from M/S. If you can have this much fun at the bottom of the cycle, there is no doubt this is the best contest out there. **W8KNO:** With 12 minutes to go, reached my goal of working all continents. **W9LYN:** Was great to see 15 meters so good near the bottom of solar cycle 23 that one could catch VK4CZ with 100 watts to a 160 meter inverted-L. **WN3R:** My first contest from new QTH known as "Ham Heaven." Score would have been better if the beam directions were not set by the 40 mph winds. **WU9B:** My best effort so far from my little pistol station!

(Continued on page 103)

Results of the 2006 CQ WW DX SSB Contest *(Continued form page 27)*

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.)

2006 SSB RESULTS

SINGLE OPERATOR

NORTH AMERICA

UNITED STATES

K5ZD/1	**A**	**3,764,880**	**2515**	**122**	**418**
K1RU	**"**	**1,060,410**	**1032**	**96**	**294**
N1DD	**"**	**1,042,625**	**902**	**108**	**331**
W1AO	"	609,408	645	89	279
KG1E	"	555,765	645	83	252
W1OP	"	477,576	606	69	228
N4CW/1	"	466,032	595	63	229
W1RY	"	373,599	521	74	229
W1CSM	"	357,280	500	70	210
K1LU	"	335,405	525	54	191
W1SD	"	333,840	472	67	193
AK1N	"	326,922	415	81	228
W1WEF	"	309,166	492	71	182
W3IZ/1	"	259,692	540	50	151
KK1L	"	237,088	395	67	172
K5MA/1	"	216,634	367	55	174
K1TR	"	192,910	385	50	141
NT1N	"	147,908	271	56	150
K1BV	"	116,448	271	46	123
W1GWN	"	106,950	229	59	127
W1FM	"	86,742	207	40	118
W1YRC	"	53,156	148	39	98
W1ZT	"	51,948	176	30	78
K1DII	"	46,460	165	34	81
N1JW	"	32,860	123	34	72
W1CPR	"	26,448	121	27	60
K1SEZ	"	26,038	130	27	67
W1AF	"	22,422	110	15	59
(OP: NF1R)					
W1ZS	"	15,400	103	9	41
N1SOH	"	11,270	67	23	47
AA1O	"	8,385	62	19	46
K2SS/1	**21**	**317,615**	**820**	**27**	**112**
K1IM	**14**	**207,625**	**697**	**25**	**100**
K1SND	"	38,704	203	17	65
W1XX	**7**	**37,037**	**177**	**23**	**68**
AA1BU	**3.7**	**189,953**	**614**	**22**	**91**
K1LZ	**"**	**162,648**	**597**	**18**	**90**
			(OP: LZ1YQ)		
KT1V	**1.8**	**21,286**	**206**	**12**	**46**
K1HAP	**"**	**4,917**	**62**	**10**	**26**
***N1UR**	**A**	**1,194,975**	**1076**	**92**	**331**
***W1JQ**	**"**	**594,054**	**672**	**81**	**261**
*K1HT	"	581,360	621	83	261
*W1CTN	"	413,712	526	80	232
*N1PGA	"	230,572	363	67	169
*AK1Q	"	197,448	364	57	171
*W2JU/1	"	179,894	326	60	161
*K7JE/1	"	165,624	303	61	145
*KA1C	"	124,432	283	47	129
*K1TN	"	104,520	223	55	146
*W1KT	"	103,488	211	49	127
*W2AFC/1	"	87,894	210	33	138
*NJ1H	"	67,734	203	38	104
*AB1FY	"	64,960	171	37	108
*W1AIR	"	62,350	167	41	104
*WB2OQQ	"	43,225	143	34	99
*W1LZ	"	30,576	114	25	73
*KA1CQR	"	26,624	112	36	68
*K1VU	"	25,740	129	26	64
*KD1EU	"	25,122	99	39	67
*KQ1F	"	24,905	111	21	64
*KA1VMG	"	22,540	109	31	67
*N1ORK	"	8,246	63	21	41
*W1WIU	"	5,418	53	11	32
*K1QK	"	3,219	47	20	30
*W1CRK	"	2,772	33	14	22
*KB1JDY	"	2,120	28	18	22
*KK1X	"	1,947	41	15	18
*WA2OQE/1	"	1,764	96	27	57
*N1HTS	"	1,590	24	12	18
*KB1CJ	"	1,092	18	12	14
*N1DC	21	4,836	55	10	29
***K1VSJ**	**14**	**48,114**	**184**	**20**	**79**
N2LT	**A**	**1,296,788**	**1087**	**107**	**345**
N2MM	**"**	**1,186,340**	**1137**	**111**	**349**
K2DM	"	983,528	944	95	291
AB3CX/2	"	684,631	745	74	273
WA2NHA	"	648,414	778	79	247
N2MR	"	456,202	542	79	228
K2FU	"	451,220	591	73	235
W2LU	"	423,800	560	87	238
K2NV	"	387,532	536	74	204
K2KQ	"	339,556	361	87	275
K3QDV/2	"	257,280	451	63	177
KC2NB	"	160,600	318	45	155
WB2HJV	"	155,660	341	43	129
KB2DE	"	103,824	230	44	124
W2VQ	"	102,060	244	47	115
WB2KLD	"	86,190	200	50	120
W2FUI	"	57,441	173	35	96
N2SY	"	49,665	150	43	86
KA2CYN	"	41,472	150	46	98
KD2NE	"	12,654	67	28	46
WA2BKN	"	9,663	110	39	70
W2RR	**28**	**13,588**	**99**	**16**	**41**
NG2X	**21**	**263,480**	**709**	**27**	**113**
NA2X	"	1,566	26	8	19
N2MUN	**14**	**53,784**	**240**	**15**	**68**
W2/T98T	**7**	**61,295**	**262**	**25**	**90**
N2GC	**"**	**58,552**	**216**	**22**	**82**
W1TY/2	"	9,802	61	12	46
WA2AOG	**3.7**	**6,542**	**63**	**12**	**35**
W2MF	**1.8**	**15,512**	**126**	**11**	**45**
W2VO	"	6,794	77	12	31
***K2PS**	**A**	**1,047,168**	**964**	**95**	**309**
***K2CS**	**"**	**392,329**	**528**	**75**	**212**
*KE2DX	"	170,856	313	45	171
*WB2WPM	"	131,824	273	41	135
*N2HMM	"	105,456	236	63	145
*AB2TC	"	103,290	262	44	121
*WA2MCR	"	101,558	243	68	138
*KM2O	"	81,510	203	48	117
*K2RET	"	73,884	218	36	95
*N2MTG	"	42,780	170	44	80
*K2TV	"	38,236	135	33	88
*N2OPW	"	35,032	139	34	82
*K2PH	"	34,100	129	34	76
*KX2S	"	26,145	117	20	63
*W2VU	"	25,398	105	33	69
*KR2Q	"	21,924	96	23	61
*KB4VL/2	"	8,262	61	14	37
*KG2AF	"	6,760	59	20	32
*KV2M	"	5,390	43	16	33
*WA2IAU	"	1,288	23	9	19
*KC2JRQ	"	483	13	10	11
*AI2N	"	273	8	6	7
*WA2ART	"	156	8	6	7
*K2BQW	21	14,348	64	15	47
*KA2ASU	"	8,424	74	15	39
***K2MFY**	**14**	**138,468**	**418**	**26**	**106**
*N2GM	"	41,412	194	20	64
*N2ZR	"	23,408	123	20	57
*K2RED	"	5,443	128	13	33
*N2ZN	"	4,551	43	11	30
*KG2V	"	2,128	32	10	18
*NS2P	"	527	11	7	10
*AB2IO	"	6	1	1	1
***K2YEH**	**3.7**	**15,343**	**99**	**15**	**52**
***K2SZ**	**"**	**7,426**	**92**	**12**	**35**
NN3W	**A**	**4,674,356**	**2971**	**134**	**470**
W3BGN	**A**	**2,917,044**	**2023**	**120**	**422**
AA1K/3	**"**	**2,671,484**	**2043**	**126**	**397**
K3ZO	**"**	**2,362,175**	**1847**	**101**	**374**
N3DG	"	739,050	947	86	304
K3TC	"	637,482	691	90	272
N3UM	"	528,352	686	72	232
K3BZ	"	457,140	635	72	213
N3RJ	"	446,356	587	79	223
K4JLD/3	"	437,552	554	82	246
N3YW	"	404,424	623	56	190
KB3MJ	"	213,358	424	54	160
N3KR	"	205,514	367	50	161
W2GPS/3	"	167,904	343	54	144
W3DR	"	165,600	361	48	136
W3FVT	"	111,408	281	47	129
K3FIT	"	91,740	205	39	126
KB3TS	"	87,216	233	41	117
K3ZT	"	49,623	164	34	85
WA3ELQ	"	31,042	141	22	61
K3MRG	"	24,252	101	30	64
W6NRJ/3	"	21,854	104	27	71
K3RH	"	20,930	97	26	65
K3ISH	"	9,455	62	21	40
W3SO	"	2,929	37	6	23
			(OP: W3YOZ)		
W3PA	"	2,871	31	9	24
K3RMB	"	1,178	24	14	17
WN3R	**14**	**84,840**	**301**	**26**	**94**
WA3AAN	7	6,705	58	12	33
AD8J/3	"	3,915	48	8	21
NA3M	3.7	406	10	5	9
W3GH	**1.8**	**4,719**	**74**	**10**	**29**
***W3LL**	**A**	**985,130**	**901**	**103**	**327**
*NS3T	"	153,675	304	65	160
*W4EE/3	"	147,056	292	55	147
*N2US/3	"	87,292	211	39	118
*W6AAN/3	"	81,744	254	39	92
*WR3H	"	78,674	210	36	103
*WB3CJU	"	60,391	171	25	106
*K2IC/3	"	51,610	173	36	94
*W3DQN	"	38,280	146	32	78
*K3RWN	"	33,360	114	52	87
*K3SOM	"	32,634	145	35	63
*K3GYS	"	29,082	119	33	78
*N3FNE	"	28,616	116	33	65
*K3VA	"	28,080	118	24	66
*K3TEJ	"	20,672	102	22	54
*AB3EF	"	14,678	84	33	49
*KB3KXX	"	13,277	79	22	49
*K3VED	"	12,670	80	17	53
*W3MGL	"	9,306	65	19	47
*N3MRA	"	8,658	102	27	40
*AB3BQ	"	5,472	55	20	37
*N3CHX	"	3,150	40	16	29
*N3MMH	"	2,573	41	10	21
*N3NRN	"	1,768	25	13	21
*KB3KYZ	"	1,421	28	9	20
*KB3KRW	"	693	33	14	19
*KB3MMX	"	520	21	9	17
*WA3RGH	"	100	33	15	21
*N3FJP	"	72	4	4	4
*KB3IWV	21	10,443	77	17	42
*K3KU	"	378	21	6	15
***N3GH**	**14**	**62,667**	**235**	**22**	**77**
*K1EFI/3	"	31,820	135	20	66
*KB3HJK	"	11,077	100	11	42
*K3LAB	"	1,512	35	10	17
*N3GE	"	4	1	1	1
***AK3E**	**7**	**8,694**	**59**	**16**	**47**
*KBØFHP/3	3.7	1,768	61	10	24
K4ZW	**A**	**4,528,022**	**2820**	**134**	**452**
K3ZM/4	**"**	**2,101,464**	**1620**	**111**	**375**
N6AR/4	"	1,381,863	1154	116	367
AA4S	"	1,078,056	949	110	324
N4PQX	"	1,032,822	881	108	333
KZ2I/4	"	996,200	896	104	321
WX4G	"	803,855	808	106	309
N1GC/4	"	755,187	696	107	310
N4TX	"	696,992	698	110	300
NX9T/4	"	614,836	726	85	241
K4EU	"	538,560	694	78	228
N4MM	"	520,138	574	93	265
W9WI/4	"	485,001	631	75	222
N8PR/4	"	452,410	532	83	239
NJ2F/4	"	423,660	518	87	220
K4LTA	"	408,444	600	76	227
N4GN	"	375,793	538	83	186
K4BP	"	345,984	483	72	200
KU8E/4	"	309,946	449	65	197
N4EK	"	304,200	474	54	180
N4ZZ	"	283,725	462	53	172
W7QF/4	"	269,136	415	68	184
N4BH	"	268,974	386	77	216
WB2QLP/4	"	264,960	456	63	177
W2YE/4	"	244,984	399	54	172
K4PHE	"	206,140	356	58	162
W4NTI	"	200,128	350	69	167
N4CU	"	179,564	339	58	154
K4FYM	"	149,260	317	40	130
W4UFO	"	146,880	285	62	154
K1TO/4	"	143,780	299	53	129
NO9E/4	"	140,970	294	58	127
K4OH	"	134,194	310	67	162
KN4KL	"	125,685	333	43	128
K4ADR	"	122,958	272	58	140
K1ZW/4	"	115,675	246	51	124
W4CEO	"	103,032	253	42	117
AD4TR	"	102,060	274	53	127
N4UH	"	101,898	256	43	119
WF3C/4	"	101,386	243	42	121
W4HRC	"	95,082	237	47	112
K4PB	"	84,846	210	48	110
WD4LYV	"	77,924	215	49	112
NE8J/4	"	72,688	215	42	112
W4RIS	"	69,154	199	44	98
WA3OFC/4	"	67,620	212	34	104
K4DGJ	"	63,344	198	42	106
WA4ASJ	"	56,235	183	32	83
K4ZTL	"	56,025	156	41	94
NJ4F	"	48,512	168	42	86
N4CC	"	38,760	145	30	65
KG4NOZ	"	38,304	124	29	85
N2IXX/4	"	17,730	95	31	59
W4ROT	"	15,051	76	34	53
WA4OAB	"	11,925	92	21	54
AI4KM	"	5,865	102	12	39
KD4CC	"	4,370	38	16	30
W4UM	"	4	1	1	1
K2WK/4	**21**	**367,776**	**1010**	**30**	**114**
KØEJ/4	**"**	**250,446**	**770**	**30**	**104**
K4SN	"	121,040	377	30	106
K4ZGB	"	113,520	321	30	99
N4PN	"	90,558	322	27	90
K4RDU	"	57,567	232	23	70
K4SQR	**14**	**30,295**	**132**	**21**	**62**
AG4W	**7**	**24,674**	**139**	**17**	**56**
K9ES/4	**3.7**	**57,096**	**318**	**23**	**81**
W7HJ/4	"	1,782	32	9	18
KK4SI	1.8	740	20	6	14
***WØAH/4**	**A**	**732,000**	**797**	**93**	**273**
***W4KW**	**"**	**703,764**	**772**	**88**	**258**
*WJ2D/4	"	462,301	579	74	239
*NS4T	"	354,837	499	70	207
*W4TAA	"	332,695	595	67	196
*K4GKD	"	278,528	389	78	194
*KI3O/4	"	228,534	377	62	184
*W4TMN	"	223,960	392	51	169
*KA8Q/4	"	203,983	360	59	162
*AA4FU	"	139,870	286	62	135
*KN5DX/4	"	123,210	259	53	132
*AB4GG	"	117,303	258	54	129
*W3TB/4	"	101,088	261	47	109
*KM4RK	"	98,175	240	50	125
*WA4DOU	"	88,146	215	42	124
*AI4MT	"	78,323	202	51	116
*W4YE	"	77,700	198	41	109
*KR4ZA	"	74,528	203	39	97
*N3UA/4	"	66,402	170	48	105
*AI4ME	"	50,864	161	44	92
*NV4B	"	49,640	148	43	93
*KS4S	"	47,310	161	35	79
*AG4SO	"	46,982	158	40	99
*W4RQ	"	46,208	148	33	95
*N3CZ/4	"	44,525	133	43	94
*W4TIJ	"	43,036	148	36	80
*K4MIL	"	41,496	153	32	82
*W4IHI	"	39,208	143	32	72
*W4WNT	"	32,010	116	37	73
*WB4SQ	"	30,528	107	35	71
*W4KAZ	"	30,450	110	35	70
*AC5ZS/4	"	29,192	134	28	61
*N4WO	"	23,760	110	28	62
*AD4YQ	"	23,430	112	40	70
*W4SWT	"	22,969	138	26	77
*KU4FP	"	20,984	98	23	63
*W4QG	"	20,925	92	28	65
*AI4OT	"	20,854	107	21	64
*KT4PD	"	20,600	88	38	62
*W4AMP	"	20,240	100	40	70
*WB5NMZ/4	"	19,285	91	36	59
*W4IFI	"	19,266	103	21	57
*WS4V	"	19,228	102	31	61
*N4DXI	"	18,785	86	31	54
*K1CEC/4	"	18,009	95	30	57
*W4NSC	"	17,014	92	34	60
*N3JT/4	"	16,704	98	15	49
*W4EBA	"	16,320	96	30	55
*WG4M	"	13,398	96	26	51
*KE4EE	"	11,076	73	26	45
*AD2H/4	"	10,804	80	21	52
*AD4N	"	10,020	68	21	39
*K4GOP	"	9,750	72	24	54
*WD4FL	"	9,360	60	22	43
*K4FTO	"	8,568	66	25	47
*AI4FS	"	8,316	69	21	42
*K4BK	"	8,308	63	25	42
*W4TTX	"	7,467	57	19	38
*K1HG/4	"	6,615	48	28	35
*KD4ULW	"	6,344	50	20	32
*K4PG	"	6,300	50	21	29
*NJ8J/4	"	6,125	58	20	29
*WD4KTF	"	5,600	58	17	33
*KO4OL	"	4,770	54	23	30
*AG1H/4	"	4,324	50	14	32
*AF4UU	"	4,278	43	17	29
*AI4HR	"	2,430	29	18	27
*K3MZ/4	"	2,232	25	16	20
*W4OGG	"	2,153	28	12	21
*K2VX/4	"	1,952	28	14	18
*AD4ES	"	1,664	26	9	17
*KU4WH	"	1,378	26	11	15
*AI4GR	"	384	14	7	9
*AB3S/4	"	104	21	10	16
*KB4TKQ	"	100	14	11	10
***K4WI**	**28**	**38,808**	**190**	**22**	**55**
***K4QVK**	**"**	**4,842**	**59**	**9**	**26**
*W4JIK	"	282	11	5	7
***W4EEH**	**21**	**58,588**	**222**	**22**	**75**
*KR4OW	"	31,500	156	23	61
*N4KZ	"	17,460	104	16	44
*W5CPT/4	"	10,561	84	17	42
*WA4FXX	"	6,480	59	12	33
*KI4EGT	"	3,552	45	12	25
*NQ4K	"	1,890	31	8	22
***N4IJ**	**14**	**143,000**	**407**	**34**	**109**
***KZ5OH/4**	**"**	**52,598**	**234**	**20**	**71**
*K4NVJ	"	16,605	100	23	58
*WA2ASQ/4	"	14,402	91	15	47
*AJ2U/4	"	2,701	33	11	26
*KI4MUG	"	1,100	40	10	12
*KI4IGW	7	696	18	9	15
N2IC/5	**A**	**3,040,045**	**2226**	**141**	**374**
W5WMU	**"**	**402,232**	**559**	**59**	**215**
N5ZK	"	349,020	492	75	202
					(OP: W5ASP)
K5LAD	"	316,071	480	72	189
W6PU/5	"	314,080	451	89	213
N5VK	"	174,512	350	63	145
W5UW	"	135,771	306	45	122
KA5BQM	"	95,432	249	48	103
AB5C	"	83,074	221	45	101
WA5ZUP	"	77,004	258	43	95
KZ5J	"	64,218	184	51	88
KD5JAA	"	50,848	174	41	71
K5LAN	"	27,538	122	32	66
N5DD	"	22,704	107	28	60
WD5JNC	"	20,114	104	24	65
K5QWO	"	7,315	61	21	34
N5TEY	"	6	1	1	1
W5PR	**28**	**65,110**	**410**	**22**	**63**
W5KI	21	315	9	7	8
K5RX	**3.7**	**67,116**	**288**	**26**	**76**
***N5AW**	**A**	**1,128,320**	**1009**	**114**	**316**
***WD5K**	**"**	**832,464**	**837**	**100**	**276**
W5PUF	"	155,474	320	59	132
*WA5IYX	"	123,025	270	56	119
*K5KM	"	88,350	232	56	94
*W5MPC	"	82,336	216	56	110
*KE5LQ	"	80,256	214	57	95
*KC5R	"	67,267	200	47	90
*W5TMC	"	51,240	173	36	84
*K5BZH	"	35,090	146	37	73
*NY5J	"	32,235	126	39	66
*KØGEO/5	"	32,000	128	34	66
*KD5VVI	"	30,800	170	31	69
*K5KA	"	22,927	98	42	59
*WB5IZD	"	22,659	100	37	54
*KD5ZEZ	"	17,954	78	38	56
*K5WWT	"	17,860	101	29	47
*N5KDA	"	13,182	71	28	50
*N3QD/5	"	12,358	92	29	45
*KE5FDW	"	12,096	96	23	40
*N5KEV	"	11,289	87	28	43
*W6TRO/5	"	10,686	71	31	47
*N5MOC	"	6,210	52	29	40
*N5DTT	"	5,512	50	21	31
*KC5IJP	"	3,948	41	16	31
*W5CTV	"	3,362	37	16	25
*W5REO	"	3,060	41	16	18
*K5BDL	"	1,798	29	12	19
*N5EYT	"	1,701	34	11	16
*W5QLF	"	1,560	23	11	13
*N5JEP	"	1,131	18	12	17
***NA5Q**	**28**	**3,390**	**46**	**10**	**20**
*WA5WFE	"	2,409	43	11	22
***WØVX/5**	**21**	**104,284**	**337**	**29**	**87**

*AD5UQ	"	33,197	156	25	64
*W5TD	"	1,595	24	11	18
*W5GAI	"	414	12	8	10
*W5WRE	14	14,465	114	17	38
*AD6G/5	"	7,550	89	15	35
*WA5SWN	"	1,949	32	11	17
*K5KVN	"	1,296	19	11	16

K6XX	A	1,192,985	1158	119	278
K6NA	"	573,540	651	108	222
K6MM	"	287,254	462	80	162
K6QK	"	228,575	465	68	137
WB6S	"	151,906	380	54	97
WA6ST	"	111,202	269	57	112
N6WK	"	92,036	202	58	115
AJ6V	"	88,206	274	43	79
NK6A	"	58,548	187	43	76
KY6LA	"	56,856	176	60	78
K6SRZ	"	51,972	151	54	88
K6GMM	"	51,832	160	55	97
W6SZN	"	42,539	163	39	64
KG6ZHC	"	40,040	149	42	62
K6HRT	"	30,492	129	35	64
K6SGH	"	25,564	118	30	47
KE6QET	"	23,229	104	34	55
N6XI	"	19,458	114	32	37
KC6MZY	"	16,848	103	28	44
N6GK	"	6,192	49	24	24
W6SJ	"	5,916	50	23	28
K6OWL	"	462	12	9	12
K6JAT	21	37,908	201	23	55
K6HNZ	14	203,625	652	32	93
K5KT/6	7	52,875	217	28	79
W6KW	3.7	68,160	345	30	66
K6SE	1.8	135	8	5	4
***AA6K**	A	104,139	245	60	111
***KE6SHL**	"	79,275	228	56	95
*N6EM	"	67,482	225	57	81
*K6DEX	"	59,944	211	45	73
*KA6MAL	"	58,801	190	50	77
*ND6S	"	48,132	180	45	81
*W6RFF	"	43,957	156	49	64
*AD6ZJ	"	34,188	125	48	63
*W6/VK2IMM	"	33,390	142	37	53
*KI6PG	"	23,963	114	41	47
*N6OR	"	20,672	101	34	42
*K6CA	"	20,265	79	44	61
*NA6G	"	12,360	81	27	33
*K6BIR	"	12,006	86	27	31
*KE6QR	"	11,774	79	29	29
*K6OP	"	9,170	102	31	39
*K6CSL	"	8,802	74	24	30
*K6RM	"	8,692	64	25	28
*AA6KN	"	6,887	69	33	38
*N6XT	"	5,671	71	25	28
*AE6RF	"	1,952	37	17	15
*KK6TV	"	1,643	39	14	17
*W6OUL	"	176	7	5	6
***W6AFA**	21	121,240	474	28	70
*K7XE/6	"	23,579	135	24	49
*KD6PQF	14	6,720	73	14	21
*KE6GFI	"	1	2	2	2
*KU6T	7	1,608	31	10	14

K7RL	A	2,654,568	2341	134	324
K7ZZ	"	838,134	1273	93	213
K4XU/7	"	639,232	722	105	247
KV7DX	"	290,997	513	72	145
W8AEF/7	"	290,799	463	78	159
KO7X	"	287,622	514	76	185
NW7E	"	208,985	323	77	168
W6AEA/7	"	204,425	359	62	159
N7BF	"	195,621	375	67	130
NB7V	"	185,877	469	54	117
K7ABV	"	179,299	354	65	134
W7KZO	"	153,224	307	67	147
NF7E	"	146,664	342	64	125
K7LV	"	143,877	308	67	132
KE7XE	"	141,414	298	61	121
NW7O	"	130,610	304	62	123
KB7ME	"	102,300	259	51	104
NE9Z/7	"	99,190	226	58	124
AC7GL	"	84,780	235	57	100
KI7AO	"	76,302	178	56	106
W7UG	"	72,320	259	39	89
WG7X	"	48,250	155	47	78
KC7UP	"	43,778	149	34	84
W7TAX	"	25,536	109	37	59
N7VS	"	23,736	121	33	53
K7LAZ	"	22,736	103	36	62
N7RK	"	21,244	98	36	58
KS7T	"	16,170	81	31	46
N7KQ	"	11,020	82	35	41
					(OP: W7GNP)
W7EEH	"	2,014	36	14	24
W9PL/7	"	1,260	25	7	11
N7ER	"	139	8	5	5
N7DD	21	505,448	1233	36	128
W7UT	"	201,894	590	32	101
K8IA/7	"	161,007	591	29	90
KC7V	"	152,360	587	27	77
WE7K	"	26,480	134	22	58
K7MY	"	6,105	74	15	22
W7WA	14	922,374	1832	38	148
WA7LT	"	273,456	771	35	109
N7BV	"	161,792	490	33	95
W7BJ	"	55,226	224	29	77
KK7DP	"	9,013	66	23	33
K7CHC	"	945	20	11	16
K7AWB	7	9,911	81	19	34
W7ACD	3.7	3,544	36	14	28
K7BG	1.8	1,288	41	8	15
***K7ACZ**	A	328,440	456	88	192
***N7BK**	"	254,176	458	66	142
*W7TTE	"	201,612	356	64	148
*N7WI	"	107,568	316	59	103
*N7NT	"	107,256	281	60	104
*K7TR	"	85,488	246	57	99
*NQ7R	"	82,836	227	59	97
*W3CP/7	"	73,000	215	55	91
*N6TW/7	"	64,493	186	57	86
*W7QN	"	63,602	205	44	74
*K7XC	"	49,590	147	61	84
*K6UM/7	"	47,322	173	36	63
*K9JDV/7	"	39,475	189	37	61
*W7YVK	"	37,050	139	49	58
*AB1R/7	"	34,410	144	46	65
*N7LOX	"	28,035	118	34	55
*K7EKM	"	27,370	159	31	54
*N7QS	"	17,755	99	30	37
*KG9JP/7	"	17,143	79	34	45
*W7SW	"	13,596	83	25	41

*W7GTO	"	13,135	88	29	42
*KE7FXF	"	12,213	96	26	43
*KE8DM/7	"	11,388	101	28	45
*NG7Z	"	8,614	75	22	37
*W7ASF	"	7,776	62	23	25
*N7CN	"	7,208	74	25	28
*WS7WS	"	5,160	59	23	20
*WN7T	"	4,332	41	28	29
*N7RQ	"	4,224	44	17	27
*KG7WZ	"	2,847	34	16	23
*WØPAN/7	"	1,514	23	13	16
*K7AT	"	1,450	33	14	15
*KE7FKX	"	1,224	19	11	13
*WB7DE	"	660	20	10	12
*KC7WDL	"	420	15	8	6
*WA7YUL	"	220	13	5	5
***W7UPF**	21	72,216	286	25	77
*W7TSQ	"	3,744	42	11	28
***W7FP**	14	132,600	380	30	100
*AC7GP	"	6,802	72	17	21
*K7ABL	"	3,360	41	15	25
*W7KAM	"	2,300	49	10	13
*KC7FPB	"	920	20	10	10
***WAØKDS/7**	7	18,403	102	23	54
*AB7E	"	15,189	113	18	43
***K9WZB/7**	3.7	8,256	73	17	31
***KB7Q**	1.8	765	27	6	9

K8ZZU	A	391,678	536	76	201
K5ZG/8	"	378,505	503	85	220
N8MZ	"	293,748	421	69	204
W8ZA	"	292,164	434	65	186
WM8Z	"	279,500	420	79	181
K8VUS	"	73,968	215	36	102
K8DD	"	70,924	198	52	97
KA8OAT	"	48,936	132	57	101
K3WA/8	"	47,996	121	58	111
K8ESQ	"	47,385	148	43	92
K8SAK	"	27,071	108	36	71
K8SCR	"	4,600	44	19	31
N8II	21	290,725	758	29	116
K8SMC	"	154,840	429	29	111
W8TWA	14	200,629	508	30	113
W8UD	"	127,790	359	31	99
ND8DX	7	50,298	187	23	78
K9TTT/8	"	7,670	83	16	49
WD8E	"	4,160	39	10	30
K8AO	3.7	3,955	53	11	24
***K8LN**	A	359,015	476	75	220
***WA8WV**	"	274,417	438	59	188
*WB8JUI	"	162,162	328	47	142
*KD5LNO/8	"	150,682	282	66	163
*K8LY	"	122,661	282	45	132
*N8BV	"	55,965	191	40	83
*K8GT	"	48,762	170	42	87
*W8KNO	"	38,812	151	43	81
*NO8R	"	36,957	155	44	83
*WB8LGX	"	33,817	126	35	80
*KE8FO	"	32,314	117	34	73
*KC8GLV	"	29,160	143	34	74
*K8MJZ	"	28,600	119	26	62
*KF8Z	"	14,726	83	23	51
*NF8M	"	12,865	69	31	52
*N8HC	"	9,570	60	26	40
*W8SGZ	"	8,757	64	22	41
*KB8QO	"	2,805	42	24	31
*NE8R	"	2,088	28	13	23
*K8THU	"	1,820	23	17	18
*N8UZE	"	812	16	13	15
*KC8HQS	"	480	20	11	13
*K2KW/8	"	280	8	7	7
*AB8UP	"	10	5	4	4
***WZ8T**	21	66,568	259	24	82
*W8NGO	"	14,579	98	17	44
*W8IDM	"	2,772	39	8	20
*AF8C	14	5,590	55	14	29
*W8GOC	"	3,920	50	12	23
*W8ASA	"	1	1	1	1
*KK8MM	7	7,473	71	16	37
*KC8RSA	"	1,078	24	8	14
***K8DO**	3.7	11,130	121	15	38

W9RE	A	3,556,816	2408	139	429
WB9Z	"	3,055,964	2053	136	427
W9OP	"	541,528	682	85	243
WE9N	"	272,734	442	62	180
W9YQ	"	267,675	425	59	190
K9SG	"	221,949	331	81	192
K9HUY	"	160,328	323	61	135
K9UQN	"	128,960	305	40	115
WO9S	"	126,355	282	60	125
K9JIG	"	111,456	256	45	127
N9ML	"	87,174	255	45	122
N9WKW	"	87,120	211	58	122
K9WMS	"	68,952	206	33	103
KW9R	"	40,474	139	34	84
KD9MS	"	31,552	114	39	77
W9TY	"	31,482	131	32	74
					(OP: K9MDO)
W9SE	"	20,826	98	31	58
N9KO	"	17,622	95	27	62
K9VS	"	7,524	76	19	38
WI9WI	"	3,450	32	16	30
K2AAW/9	"	1,056	20	7	15
K9BGL	21	324,005	872	29	108
KG9N	"	34,162	222	19	43
W9EXY	14	213,300	520	37	121
N9CO	"	121,634	382	28	94
KF9TI	"	60,691	216	24	85
K9CAN	"	41,967	179	22	67
***K9QVB**	A	347,844	482	79	208
***W9JA**	"	287,310	417	82	232
*AC9X	"	284,242	441	72	185
*K9JE	"	251,450	398	66	169
*N9TTX	"	88,580	220	57	115
*W9VQ	"	49,665	156	37	92
*N9LYE	"	46,200	162	49	83
*W9OA	"	27,740	126	28	67
*K9OR	"	25,878	95	42	72
*W9QL	"	22,800	118	34	61
*WB9WOZ	"	19,475	98	31	64
*KC9GGV	"	13,920	83	34	46
*NJ9Z	"	12,284	81	31	52
*WO9L	"	11,100	69	27	47
*KC9KCO	"	10,005	66	25	44
*N9MSG	"	7,316	53	22	37
*W9ILY	"	5,368	48	14	30
*AB9LA	"	1,794	31	19	20
*KD9AC	"	735	14	9	12
*N9XAU	"	201	20	5	6
*N9XR	21	1,508	28	9	17

*WD9DCW	14	425	11	8	9
*W9LYA	1.8	48	9	2	2

KØRH	A	790,020	871	98	280
KØOU	"	629,247	775	92	257
WØZA	"	401,310	588	79	194
K4VX/Ø	"	392,660	527	81	209
WAØMHJ	"	320,120	447	75	190
KØFX	"	199,752	366	73	159
WØOR	"	176,172	339	58	154
K9MWM/Ø	"	173,604	345	77	145
WØML	"	103,797	235	50	121
K9WIE/Ø	"	102,135	241	45	120
NYØT	"	87,167	181	62	140
WØRT	"	77,115	195	54	105
KØJJR	"	67,192	202	48	100
WBØN	"	59,488	178	48	95
KBØENE	"	42,578	142	43	79
KØGAS	"	42,558	153	44	79
KBØARZ	"	34,800	148	27	73
WØBH	"	27,918	120	39	55
KSØT	"	9,075	71	25	50
KØDAN	"	4,224	41	26	40
KØHB	"	2,006	29	14	20
KØLW	"	1,560	34	9	17
					(OP: KU1CW)
KØVG	"	1,377	27	11	16
N6BXO/Ø	"	722	15	9	10
KØUD	"	414	9	9	9
WØRUN	14	148,869	686	30	89
KØIZ	"	119,434	439	30	103
WØCEM	"	48,403	223	22	75
WØPPF	"	20,786	124	15	51
ABØOX	"	966	20	7	14
WØGJ	7	34,404	161	25	69
KØJV	"	4,620	48	16	26
***ACØW**	A	573,672	685	87	241
***WØGG**	"	239,338	362	79	174
*WØETT	"	142,135	286	71	146
*KØPC	"	106,662	237	48	126
*KØKP	"	66,138	185	48	98
*WBØTSR	"	63,837	207	39	84
*KQØB	"	44,431	159	52	105
*KAØVXK	"	44,020	182	38	86
*NØGVK	"	43,901	131	35	108
*ADØH	"	36,059	158	33	74
*WBØIEL	"	26,121	100	37	71
*AAØA	"	25,272	101	31	77
*KØSV	"	25,048	98	31	70
*KØLDS	"	21,200	119	37	63
*KØYR	"	12,168	74	31	47
*KAØEIC	"	11,970	77	28	42
*NØCQI	"	10,318	99	27	50
*WNØL	"	8,493	55	24	33
*KCØRQH	"	8,294	67	22	36
*NØXW	"	5,952	60	16	32
*NNØQ	"	4,745	65	30	35
*KØMPH	"	4,590	42	20	25
*WBØQIR	"	4,108	51	24	28
*KØUK	"	4,089	38	20	27
*WDØGQA	"	3,780	37	18	27
*NØEO	"	3,094	43	14	20
					(OP: AAØAW)
*NØIBT	"	2,736	33	19	19
*KØALT	"	2,728	34	13	18
*ABØDP	"	1,710	24	14	16
*KCØNFB	"	1,665	26	17	20
*KCØSTQ	"	8	2	2	2
***KØDD**	21	34,932	165	23	59
***KU1CWØ**	7	49,700	195	25	75

ALASKA

NL7Z	A	436,224	945	80	133
KL1V	"	117,420	661	33	43
AL1G	"	53,341	608	19	22
*WL7UQ	A	3,699	63	14	13

ANTIGUA

***V26HS**	A	129,529	575	44	70
					(OP: WB4WXE)

BAHAMAS

***C6AQC**	A	1,059,282	1940	82	212
					(OP: N2TTA)

BARBADOS

8P6SH	3.7	779	17	6	13
***8P6EX**	A	813,984	1333	76	202

BELIZE

V31FB	A	471,303	1086	67	149
					(OP: W5JON)
***V31HK**	14	263,206	1237	24	77
					(OP: DL7BC)

BERMUDA

***VP9I**	A	2,905,112	3384	91	301
					(OP: K1XM)

CANADA

VE1MC	A	499,174	743	59	204
VE9/K1JB	"	110,322	306	48	114
VO1HE	21	310,352	994	22	97
***VE1OP**	A	285,103	559	63	178
***VO1JNS**	"	254,030	529	40	150
*VO1BQ	"	30,261	178	23	54
***VE1EQO**	7	15,318	192	13	33
VE2IM	A	2,964,300	3118	97	313
VY2LI	"	661,074	1241	63	176
VE2AYU	"	481,838	759	69	202
VE2QIP	7	65,593	345	21	68
VY2ZM	1.8	215,853	1037	17	76
					(OP: K1ZM)
***VE2HIT**	A	179,790	448	55	140
*VA2SG	"	128,856	357	43	113
*VE2GSO	"	69,215	316	31	78
*VA2WDQ	"	53,152	149	41	110
VE3EJ	A	6,293,430	4436	142	452
VC3R	"	1,250,058	1750	82	236
					(OP: VE7VR)
VE3CX	"	1,160,700	1472	93	272
VA3DX	"	835,142	860	109	297
VE3CR	"	831,232	842	95	287
VA3YP	"	688,492	1145	66	202
VA3YX	"	119,250	252	59	166
VE3RER	"	109,272	303	44	113
VA3EC	"	3,440	45	16	27
VE3DO	1.8	40,848	476	12	36
VE3PN	"	11,426	220	10	19
***VE3JAQ**	A	667,008	1122	78	210
***VE3XAT**	"	501,633	730	78	219
*VE3KF	"	349,048	611	73	198
*VE3NE	"	236,786	490	69	160
*VE3SHL	"	214,060	450	65	155
*VE3OTL	"	138,243	385	56	119
*VA3SWG	"	137,408	526	49	103
*VE3VMP	"	129,404	295	55	132
*VA3PL	"	114,211	249	51	130
*VE3TW	"	93,900	263	44	106
*VE3FH	"	60,624	180	52	92
*VA3MAH	"	58,824	164	49	103
*VA3OX	"	57,754	200	42	92
*VE3JDF	"	47,151	178	35	82
*VA3ZWT	"	43,290	173	40	77
*VA3TTU	"	41,912	145	36	88
*VE3JM	"	40,891	147	30	73
*VE3OM	"	36,421	122	34	87
*VA3JNO	"	31,680	140	33	66
*VA3RGR	"	25,840	103	29	66
*VE3UZ	"	25,110	108	24	69
*VA3TPS	"	22,816	100	30	62
*VE3BVA	"	22,320	104	33	60
*VE3ZIN	"	18,156	151	22	46
*VE3SS	"	15,318	101	19	55
*VA3RNJ	"	5,712	63	21	27
*VA3JSL	"	3,650	52	22	28
*VA3PCJ	"	2,480	45	15	16
*VE3FU	"	1,035	28	12	11
*VA3HUN	"	84	7	3	3
***VA3FP**	21	20,022	117	17	57
*VE3FJ	14	19,264	123	16	48
*VE3RCN	7	6,356	114	10	18
***VE4YU**	A	122,472	297	52	116
*VE4LR	"	540	18	8	7
***VE5ZX**	A	265,533	701	62	121
*VE5SF	"	38,804	198	30	59
VE5UA/6	A	725,718	1311	82	177
VE6TR	14	44,640	200	27	66
VE6WZ	3.7	78,320	810	18	37
***VA6MA**	A	54,834	246	44	70
*VE6ZC	"	12,567	113	29	30
*VA6AK	21	18,810	153	16	39
***VE6CNU**	14	123,328	600	26	68
VE7ABC	A	100,344	364	57	91
VE7IO	"	50,512	186	35	77
VA7JW	"	26,180	158	21	49
VE7HA	"	23,170	154	30	40
VA7RR	14	956,532	2798	36	122
***VE7UQ**	A	115,965	362	54	81
*VA7RN	"	25,039	141	34	39
*VE7JKZ	"	24,890	105	41	54
*VE7KPB	"	11,948	90	26	32
*VA7ALK	"	10,200	89	22	28
*VA7MJR	"	4,400	35	25	30
*VE7HRA	14	10,080	107	19	29
*VA7GAP	"	1,206	43	8	6

CAYMAN ISLANDS

ZF2AH	21	262,320	1667	24	56
					(OP: W6VNR)

COSTA RICA

***TI8II**	A	513,248	1674	53	119

CUBA

***CO8LY**	A	2,026,150	3029	91	259
*CO8AW	"	8,690	190	41	69
***CM8WAL**	21	36,905	320	15	40
***CM6RCR**	7	137,919	768	22	71
*CO6LP	"	6,394	66	13	33

DOMINICAN REPUBLIC

***HI3TEJ**	A	3,628,053	4031	104	325
***HI3NR**	21	718,875	2666	28	97
***HI3C**	14	294,044	1454	27	79
					(OP: HI3CCP)
***HI8ROX**	3.7	14,202	122	15	39

GREENLAND

*OX3JZ	14	660	65	5	6

GUADELOUPE

***FG5JK**	A	2,035,250	2588	83	267
					(OP: F6HLC)

GUATEMALA

TGØAA	14	76,024	562	20	48
					(OP: TG9ADQ)
***TG9ATG**	7	36,378	407	16	31

HONDURAS

***HQ9R**	A	988,592	1683	76	198
					(OP: WQ7R)
*HR1RTF	"	59,136	212	51	81
***HR4/N3SY**	28	638	48	5	6
***HR4/EW1AR**	14	43,407	400	15	38
					(OP: NP3D)
***HQ4R**	7	104,748	602	20	64
					(OP: EW1AR)

MARTINIQUE

FM5AN	A	782,034	1465	62	184
***FM1HN**	14	40,095	275	21	60

MEXICO

XE1MM	A	580,086	1391	66	135
XE2S	"	511,821	1651	65	94
***XE2Q**	A	365,200	1121	60	106
*XE2MX	"	98,820	251	64	119
*XE2AUB	"	98,406	333	53	89
*XE1IPN	"	54,236	189	53	96
					(OP: XE1CL)
*XE1ZTW	"	25,456	118	34	52
*XE1ZVO	"	12,243	73	32	45
*XE1/K2LI	"	7,705	60	27	27
***XE1CQ**	14	732,017	2564	34	109
*4A7L	"	311,896	1570	29	75
					(OP: XE1L)

MONTSERRAT

VP2MDY	A	1,616,952	3128	75	192
					(OP: WA7NB)
***VP2MHX**	21	143,420	1042	18	53
					(OP: W4WX)
***VP2MQD**	14	114,600	804	17	58
					(OP: K4QD)

NICARAGUA

***H7A**	21	98,874	834	15	46
					(OP: YN4SU)

PANAMA

***HP3FTD**	A	66,730	274	39	72
***HP1DCP**	28	5,535	94	11	16
***HP1BYS**	21	141,286	809	22	60
***HP1XX**	14	69,234	498	15	51
*HP1ALX	"	12,768	96	15	41
*HP1JRA	3.7	6	1	1	1

PUERTO RICO

***WP3GW**	A	165,360	342	51	144
*KP4JFR	"	23,392	137	32	54
*WP4NEG	"	6,893	49	25	36
***WP3C**	3.7	97,440	599	18	62

AFRICA

AFRICAN ITALY

IG9R	14	980,564	2000	38	135
					(OP: IK8HCG)
IG9C	1.8	164,190	821	11	67
					(OP: IV3OWC)
***IH9GPI**	28	8,029	80	8	29
*IH9YMC	21	2,772	44	6	15

ASCENSION ISLAND

***ZD8I**	14	121,128	462	31	72

CANARY ISLANDS

EA8BVX	7	303,438	1067	24	79
EF8ABT	3.7	6,513	68	7	32
EA8/OH4NL	1.8	137,984	613	16	72
					(OP: OH2BYS)
***EA8KL**	A	390,144	597	66	188
*EA8KK	"	187,332	381	54	147
*EA8BGO	"	142,242	423	34	117
*EB8AMT	"	76,692	193	51	115
*EA8JA	"	76,368	198	41	107
*EA8AD	"	2,952	43	17	24
***EA8TX**	28	346,431	1143	22	89
***EA8BHD**	21	221,920	847	22	73
*EC8AAZ	"	69,048	309	17	67
*EC8DX	"	12,800	197	14	36
***EA8AG**	14	192,530	875	31	99

CEUTA & MELILLA

EA9LZ	A	7,534,140	4457	122	475
***EA9IB**	A	273,728	485	48	160
*EA9BO	"	27,643	91	39	80

GHANA

***9G5A**	28	43,328	270	11	53

KENYA

5Z1A	14	1,671,401	3041	39	160
					(OP: PA3DZN)

MADAGASCAR

5R8FU	A	491,400	704	63	189

MADEIRA ISLANDS

***CT3/HA5PP**	21	1,024,980	2208	36	129
*CT3FJ	14	1,848	39	7	17

MOROCCO

CN2ZR	14	1,437,618	2792	39	143
					(OP: W7ZR)
CN2R	3.7	1,091,694	2409	33	126
					(OP: W7EJ)
***CN8SG**	A	2,893,363	2497	90	317
***CN8NK**	21	120,700	632	15	56
					(OP: CN8KD)

NAMIBIA

V51W	A	2,959,880	2875	117	317

REPUBLIC OF GUINEA

***3XM6JR**	A	2,205,218	2012	94	300

SAO TOME & PRINCIPE

S9SS	A	1,656,305	2239	60	199

SENEGAL

6W1RY	A	7,038,534	5032	116	407
					(OP: F5VHJ)
6W1SE	"	692,874	870	72	210

SOUTH AFRICA

ZS5NK	A	6,144	49	18	30
ZS1EL	"	874	15	9	14
ZS6BRZ	21	154,477	527	27	88
*ZS1JY	A	40	4	4	4

SUDAN

***ST2M**	28	30,592	172	15	49
***ST2T**	21	744,790	1850	32	110
					(OP: S57CQ)

TANZANIA

***5H3EE**	A	808,563	1066	76	201
					(OP: DL4SM)

ASIA

AFGHANISTAN

***T6EE**	14	15,250	212	10	40

ARMENIA

EK3SA	21	548,359	1584	28	105

ASIATIC RUSSIA

UA9CLB	A	3,630,655	2809	119	392
UA9JDP	"	854,000	1174	74	231
UA9BS	"	457,520	655	68	212
UA9CMQ	"	392,955	663	68	187
RK9KWI	"	326,474	612	57	182
RV9AZ	"	227,565	443	50	145
RA9JP	"	79,242	430	25	69
RA9SAS	"	69,713	194	47	114
RV9SV	"	51,600	240	35	85
UA9SAW	"	41,175	136	42	93
RV9XM	"	39,840	137	35	85
RU9UC	"	31,088	105	47	87
RA9FHL	"	15,801	131	17	52
RU9UE	"	9,328	59	32	56
RU9TO	"	6,413	59	15	38
RZ9CQ	"	5,439	65	10	27
UA9SCX	21	228,506	765	26	96
UA9MC	14	543,582	1503	32	106

RA9AU	"	202,476	579	31	110
***UA9TF**	A	695,450	803	86	264
***UA9AL**	"	618,464	846	72	236
***UA9ACJ**	"	595,552	801	62	234
*RK9AJZ	"	444,500	821	63	191
*RA9CB	"	364,536	588	55	189
*RK9CR	"	278,005	502	62	173
*RA9XF	"	251,286	482	55	162
*RX9FG	"	230,249	463	43	150
*RV9CP	"	210,675	533	39	120
*RX9FR	"	196,716	467	35	134
*RV9UP	"	151,702	364	66	136
*RX9CCJ	"	118,900	319	34	111
*RX9DJ	"	96,875	295	43	112
*RA9FR	"	95,880	226	49	139
*RZ9OW	"	74,200	294	26	74
*RA9UN	"	63,116	273	39	85
*UA9FGJ	"	57,330	206	32	94
*UA9OMT	"	44,175	231	28	65
*RA9ULK	"	34,476	186	28	74
*RX9WN	"	32,512	107	46	81
*RW9UNT	"	26,703	137	14	55
*UA9AGX	"	25,185	137	35	80
*RX9FW	"	16,016	79	40	72
*RZ9OJ	"	12,814	71	29	57
*UA9XF	"	7,440	66	13	35
*UA9TZ	"	3,195	33	16	29
*RK9DR	"	2,226	27	17	25
*RV9UB	"	1,443	24	17	20
*RA9XU	"	90	5	4	5
*RA9FLW	"	10	7	6	6
***RV9UF**	28	392	49	11	17
***RL9A**	21	177,243	574	28	103
					(OP: UA9AX)
***RW9QA**	"	97,119	377	23	86
*RA9JR	"	80,066	487	23	75
*UA9XCW	"	15,624	139	17	45
*RA9UT	"	2,048	35	9	23
***UA9JMB**	14	204,744	742	29	85
*RV9JR	"	49,914	225	21	73
*RU9AZ/9	"	31,671	168	17	64
*RK9ABJ	"	19,208	171	12	44
*RV9FT	"	13,464	84	15	51
*RA9YA	"	9,126	72	15	39
*RW9HW	"	8,319	58	14	45
***RA9XY**	7	42,186	227	17	62
*UA9QCZ	1.8	35	5	2	3

RKØUT	A	511,699	1230	73	166
UAØAPV	"	384,540	702	75	180
RV1AW/Ø	"	371,295	916	79	144
UAØFGZ	"	313,536	826	78	114
RAØAA	"	216,125	584	54	121
RUØAIG	"	137,060	428	40	114
RUØAW	"	8,875	77	27	44
RAØQQ	"	7,140	78	25	35
UAØCW	"	2,360	23	18	22
UAØFDX	"	1,400	23	11	17
RUØAJD	14	213,720	753	29	91
RAØQC	"	202,965	953	29	76
UAØYAY	"	188,136	744	30	87
UAØAZ	"	126,939	424	33	98
UAØSR	"	55,460	305	25	69
RWØCF	3.7	3,450	62	14	16
***RAØAY**	A	356,379	773	60	151
***RWØAQ**	"	196,885	555	45	124
***RWØAW**	"	195,360	539	45	131
*RAØAQL	"	148,555	357	58	127
*RXØQA	"	138,749	491	54	115
*RWØCOA	"	122,670	374	65	109
*UAØCNX	"	118,988	524	52	99
*RAØLE	"	118,272	326	58	101
*UAØACG	"	102,490	349	66	119
*RAØSCA	"	78,898	206	65	141
*RAØACM	"	34,430	139	35	75
*UAØLGY	"	19,201	106	33	58
*RAØCAH	"	12,948	130	33	45
*UAØSAV	"	1,320	25	9	15
*RUØAE	"	1,140	16	14	16
*RWØBG	"	616	20	10	12
***RVØAL**	21	211,871	991	23	80
*RUØSU	"	74,970	502	21	64
*UAØSAD	"	49,677	272	20	67
*UAØSOX	"	49,300	274	20	65
***RUØSN**	14	71,040	268	29	82
*RWØCV	"	24,375	198	22	43
*UAØZGA	"	518	20	5	5
*RKØUN	1.8	1	1	1	1

ASIATIC TURKEY

YM2W	28	473,180	1426	24	94
					(OP: OK1MU)
*TA3YJ	A	700	14	12	13
***TA2IB**	21	90,602	400	19	70
***TAØU**	14	154,056	928	19	79
***YM125ATA/4**	7	41,496	506	11	65
					(OP: TA3J)
*TA3BN	3.7	60	4	1	4
***YMØT**	1.8	81,207	461	8	55
					(OP: TA2RC)
*TA7OM	"	3,562	48	6	20

AZERBAIJAN

***4J7WMF**	A	336,804	713	45	159
*4K9W	"	208,839	430	52	149
*4K6DI	3.7	224	8	6	8

BAHRAIN

***A92GR**	21	125,969	455	25	78

CAMBODIA

***XU7MDY**	14	54,782	374	25	61

CHINA

BY1QH	A	192,855	586	67	128
BD4SI	21	25,872	149	28	56
B5TT	3.7	13,018	129	18	28
					(OP: BA5TT)
***BD4ALC**	A	294,360	684	81	142
***BG1ND**	"	177,118	753	50	108
*BA6QD	"	129,116	423	61	108
*BA6IV	"	90,552	356	51	96
*BG1LKK/4	"	57,000	371	52	68
*BG4QGO	"	27,573	167	42	59
*BA4VE	"	22,078	159	27	56
					(OP: B4VE)
*BY1BZH	"	15,444	190	28	38
					(OP: 9M2FB)
*BG4AGK	"	2,944	38	12	20
*BG3MZX/3	"	2,835	52	21	24
*BD1DQU	"	900	53	16	20
***BD4SQ**	21	32,912	170	25	63
*BD7IBN	"	27,740	200	23	53
***BD4BTB**	14	15,433	182	19	42
*BG1QMU	"	8,208	108	18	30
*BD4IXA	"	2,664	57	15	22
***BD3AIE**	3.7	700	33	9	11

CYPRUS

H2T	21	831,760	2172	32	116
					(OP: 5B4XF)
C4M	3.7	71,400	363	14	70
					(OP: 5B4AGM)

GEORGIA

4L8A	14	1,280,125	2795	38	137
4LØABC	7	602,889	1792	30	103
*4L1FP	14	170	7	4	6

HONG KONG

VR2BG	21	409,536	1326	35	109
VR2XMT	14	178,048	869	32	75
***VR2XLN**	A	507,780	1036	82	178
*VR2/AA1ON	"	230,202	818	62	112
*VR2WIW	14	5,334	81	17	25

INDIA

***VU3DMP**	A	635,040	885	75	213
*ATØD	"	88,330	289	42	104
					(OP: VU3DJQ)

IRAQ

***YI9QJ**	A	97,744	257	32	117

ISRAEL

4X/AA4V	A	3,821,658	3353	93	340
					(OP: AA4V)
***4Z5QQ**	A	259,896	466	59	179
*4Z5MV	"	134,373	338	49	134
*4Z5PJ	"	3,567	37	10	31

JAPAN

JR1AIB	A	1,726,725	1906	124	261
JM1XCW	"	1,500,638	1970	96	206
JF1SEK	"	497,376	729	86	178
JF1OPL	"	193,377	366	80	139
JH1EVD	"	145,812	341	62	112
JR1LEV	"	75,500	214	63	88
7J1ABD	"	34,170	140	42	60
JR1VAY	"	32,940	116	54	68
JF1EQA	"	32,485	129	32	57
JO1WKO	"	16,020	78	36	53
JH1RDU	"	1,975	33	13	12
JA1LBN	"	1,760	30	20	20
JH1OCC	28	10,488	98	17	29
JH1ACA	14	147,375	451	34	97
JH1AEP	7	202,860	766	33	72
JH1OGC	3.7	106,561	505	30	61
JE1LFX	"	391	13	8	9
***JS1OYN**	A	341,090	592	86	144
***JG1TVK**	"	229,753	415	87	149
***JA1GYO**	"	191,622	378	81	137
*JP1QDH	"	125,244	340	51	96
*JA1XPU	"	95,524	240	70	97
*JA1GLE	"	90,082	299	57	89
*JA1BPN	"	68,766	205	59	87
*JA1BUI	"	66,960	235	67	88
*JH1UUT	"	54,960	202	52	68
*JA1HNW	"	42,672	176	47	65
*JA1KK	"	35,924	151	48	63
*JJ1MZH	"	35,880	148	45	59
*JA1RQT	"	31,059	149	33	54
*JH1ABP	"	20,767	167	53	73
*JA1IWP	"	16,235	81	36	49
*JH1OLB	"	12,896	94	26	36
*JA1HG	"	12,888	78	33	39
*JA1OQ	"	10,988	87	26	41
*JH1RMH	"	8,385	65	25	36
*JR1MRG	"	7,950	56	24	29
*JA1STY	"	7,424	71	23	35
*JO1SIM	"	5,217	62	18	29
*JA1ANF	"	3,525	36	21	26
*JA1CP	"	2,584	35	15	23
*JJ1WWL/1	"	2,464	35	21	23
*JA1CPZ	"	2,106	28	14	13
*JA1LBZ	"	1,705	27	15	16
*JE1NSA	"	1,525	27	11	14
*JR1UMO	"	1,271	18	14	17
*JK1NSR	"	1,012	16	10	13
*JG1FGL	"	432	12	7	9
*JE1KDM	"	78	7	5	5
***7N2UQC**	28	1,456	31	10	16
*JA1AAT	"	1,352	26	9	21
*JE1ALA	"	455	13	5	8
***7K3OWM**	21	121,275	498	31	68
***7K4XNN**	"	69,460	334	32	60
*JP1JFG	"	21,980	146	24	46
*JA1JLP	"	8,469	56	16	19
*JA1RYC	"	7,872	72	21	31
*JA1XMT	"	7,800	65	22	33
*JG1TCV	"	4,601	48	18	23
*JA1DBG	"	4,307	64	13	20
*JE1IIA	"	2,000	42	10	15
*JJ1LAB	"	1,718	35	11	14
*JM1KNI	"	465	20	7	8
*JM1KLO	"	403	15	5	8
*JE1JAC	"	280	11	7	7
*7K1EQG	"	136	9	6	7
*JG1GCO	"	70	4	4	4
*JG1OWV	"	64	4	4	4
*7K3BKY	"	42	4	3	4
*JO1WIZ	"	2	1	1	1
***JI1FDF**	14	110,565	470	32	73
*7K1PTO	"	12,213	100	22	37
*JE1GZB	"	3,118	49	14	18
*JI3KHN/1	"	390	10	7	8
***JA1KVT**	3.7	2,673	34	15	18
*JE1SPY	"	2,573	46	15	16

JI2KXK	A	764,712	955	112	230
JA2BNN	"	448,632	729	90	158
JJ2CJB	"	408,480	625	98	178
JA2PAC	"	379,040	789	58	126
JE2DJC	"	103,558	266	64	118
JF2QNM	"	83,025	271	57	78
JF2FIU	"	75,294	225	56	85
JA2FSM	"	4,838	54	14	27
JI2UNR	21	315,876	991	35	97
JA2XCR	14	136,240	411	33	97
JJ2PUG	7	1,896	29	11	13
JE2OTM	3.7	3,072	58	15	17
***JA2PFO**	A	172,931	373	76	123
*JA2GHP	"	73,030	246	53	81
*JK2VOC	"	49,848	188	56	78
*JA2KPW	"	46,917	167	50	67
*JA2TTH	"	3,234	35	19	23
***JH2AQI**	28	5,603	59	14	21
*JA2DLM	"	2,067	34	10	14
*JQ2OUL	21	1,682	28	12	17
***JG2KKG**	14	161,523	489	35	96
***JF2WXS**	7	18,924	122	30	53

8J3YAGI	A	669,369	1141	91	176
					(OP: JA1CQL)
JR3XEX	"	2,774	48	17	21
JS3CTQ	14	647,642	1539	38	120
JA3AYX	"	11,549	93	24	35
***JH3CUL**	A	139,531	300	77	140
*JA3AVO	"	16,185	95	36	47
*JR3EOI	"	4,928	48	24	32
*JL3RDC	"	1,947	30	15	18
*JO3EVM	"	860	15	9	11
***JR3RIY**	21	116,012	463	32	65
*JF3BFS	"	93,457	412	28	63
*JA3DAY	"	3,744	40	16	20
*JA3FZI	"	2,526	36	13	20
*JR3KAH	"	2,454	42	12	19
*JA3KDJ	"	1,984	59	17	21
*JO3CQF	"	216	9	6	6
*JM3HYL	"	153	6	5	6
***JI3BFC**	14	122,808	412	33	86
*JA3UWB	"	40,320	205	28	56
*JF3IYW/3	7	4,300	49	15	28
*JA3PYH	"	70	4	4	4

JH4UYB	A	4,067,140	2964	147	385
JA4DHN	"	10,089	78	15	37
JM4WUZ	14	31,898	160	27	55
JA4FHE	7	136,633	499	34	97
***JA4AQR**	A	107,068	304	49	93
*JH4OYA	"	12,297	73	33	41
*JF4GWA	"	11,658	76	37	50
***JR4FLW**	14	27,450	178	25	50
*JR4GPA	"	9,450	73	20	34
*JR4URW	7	1,020	27	9	11

JA5FBZ	A	142,956	310	78	131
JA5CPO	"	8,384	59	30	34
JA5FDJ	21	637,670	1588	37	118
JH5FIS	14	184,926	582	34	85
JR5VHU	3.7	110,090	448	27	74
					(OP: JR5JAQ)
*JJ5ECZ	A	20,774	102	43	51
*JA5ND	21	331	19	9	10

JA6AVT	A	62,992	214	40	84
JA6BGA	"	2,271	27	15	15
JA6WFM	21	382,230	1095	36	101
JA6BZI	7	68,139	239	32	81
JA6GCE	3.7	31,878	252	21	48
*JR6VIX/6	A	8,418	59	30	39
***JH6WHN**	28	6,109	73	16	25
*JQ1AHZ/6	21	8,159	89	16	25
***JH6QFJ**	14	119,830	412	34	81

JA7NVF	A	1,045,584	1408	108	210
JR7WAB	"	366,849	799	64	125
JA7AKH	"	68,880	273	35	70
JA7ZP	"	48,360	168	50	74
JA7OWD	28	4,089	53	13	16
JO7KMB	"	3,968	47	12	20
JH7XMO	21	225,920	747	35	93
JH7XGN	14	243,005	729	34	97
JA7COI	"	132,678	562	29	62
***JA7LMZ**	A	367,392	590	90	168
*JA7BME	"	308,374	469	91	171
*JE7LKG	"	16,683	110	28	39
*JA7EDZ	28	226	9	4	6
***JA7ADV**	21	4,860	54	15	27
*JL7FBV	"	2,372	37	13	14

***JA8CSY**	A	128,484	303	67	105
*JA8IJI	"	37,450	162	41	66
*JI8BUR	21	4,368	61	18	24

JA9CCG	A	50,450	204	38	65
*JH9JJD	A	338	11	6	7
***JR9NVB**	21	69,823	320	29	67
*JA9TQY	"	30,323	182	24	50
*JH9AMJ	7	6,090	69	19	23
***JH9URT**	3.7	1,755	35	12	15
*JA9XBW	"	329	11	9	9

JAØQNJ	21	63,900	324	30	45
JJØKRD	14	204,032	656	33	95
***JHØNEC**	A	68,816	215	54	82
*JAØTEA	"	23,028	98	42	59
*JAØGEY	"	19,902	106	35	51
*JAØBMS	"	18,630	121	35	46
*JHØCCK	"	4,816	42	24	32
*JAØAVS	"	3,520	37	20	20
*JJØJDK	"	4	66	31	49
***JHØMXV**	21	26,964	144	31	53
*JHØSGG	"	8,100	76	20	30
*JAØRCK	"	3,243	31	16	31
***JHØEPI**	14	113,644	472	29	66

JORDAN

JY4NE	A	827,383	1247	54	179

KAZAKHSTAN

UN7MMM	A	1,322,578	2052	61	193
UP9L	"	341,523	511	68	205
					(OP: UNØLE)
UN7QF	14	145,908	589	26	82
UN8LF	"	43,472	227	16	60
					(OP: UN9LCN)
UPØL	3.7	192,279	705	24	83
					(OP: UN9LW)
***UN7PBY**	A	748,576	1053	80	234
*UN7FW	"	326,781	589	65	182
*UN7ECA	"	672	19	13	15
***UN4PG**	21	44,239	248	20	63
***UN7JX**	14	272,160	829	33	107
*UN6P	"	89,397	374	25	74
***UN7PCZ**	7	98,163	370	28	89
***UN2O**	3.7	58,099	325	13	57

KOREA

***HL9TY**	A	58,957	252	35	72
*DS3HWS	"	38,556	275	40	62
*HL5YI	14	235	13	6	9

KYRGYZSTAN

EX2T	21	83,747	471	20	63
EX2X	14	315,231	1053	28	91
EX8AA	"	28,336	174	31	61
***EX7ML**	21	25,992	218	15	42

LAOS

***XW1A**	14	138,920	588	32	83

MONGOLIA

***JV8ØØCJ**	A	137,566	842	46	97
					(OP: JT1CJ)

NEPAL

9N7MV	21	58,125	438	20	55
					(OP: JAØUMV)
***9N7JO**	A	3,055,689	3182	107	334
					(OP: LA7JO)

OGASAWARA ISLANDS

*JD1BIA	21	1,264	35	8	8

OMAN

***A41MX**	A	435,764	855	46	151
***A45WD**	14	594,817	1251	39	140
					(OP: YO9HP)

QATAR

A71EM	A	1,037,300	1372	68	207

SAUDI ARABIA

***7Z1SJ**	A	2,310,562	2235	91	310
***HZ1IK**	28	43,746	227	19	50

SINGAPORE

9V1RH	A	37,772	132	58	75
9V1UV	"	31,350	162	43	67
9V1AL	14	588	16	8	13

TAIWAN

***BV6GU**	A	477,630	1043	89	181
*BU2AO	"	51,062	226	48	73
*BU2AI	"	34,944	221	40	56

TAJIKISTAN

EY7AF	7	116,883	491	26	85
EY8MM	3.7	177,372	614	26	91
***EY8BA**	A	15,400	157	23	47

THAILAND

HSØ/EA4BKA	A	1,184	16	16	16
HSØZDR	21	43,674	227	24	63
***HSØZEE**	A	1,351,125	1730	100	275
*HS6MYW	"	50,752	240	43	79
***HS5FAI**	21	27,216	233	22	50
***E21EIC**	14	143,241	507	32	101
*HS8KAY	"	272	14	7	9
***E21YDP**	7	16,870	115	21	49

UK BASES ON CYPRUS

ZC4T	14	1,340,325	3090	38	123
					(OP: G3AB)

UNITED ARAB EMIRATES

A61C	A	777,330	1117	72	198
***A61TT**	A	66,750	222	37	88
***A61M**	14	23,160	177	13	47

UZBEKISTAN

UK9AA	3.7	54,776	306	16	66
***UK8AKK**	A	468,435	782	61	194

VIETNAM

3W9JR	A	780,864	1388	64	185
					(OP: OK1JR)
*XV2LH	14	3,616	68	12	20
					(OP: DL1LH)

WEST MALAYSIA

9M2CNC	A	1,415,400	1897	89	248
					(OP: G4ZFE)
***9M2TO**	A	117,126	433	57	105

EUROPE

ALAND ISLANDS

OHØX	14	758,370	2581	36	134
					(OP: OH2TA)

ALBANIA

***ZA/UT7DW**	A	311,190	1176	52	178
*ZA/Z35M	"	153,295	589	43	172

AUSTRIA

OE4A	A	6,108,386	5108	140	527
					(OP: OE1EMS)
***OE3DMA**	A	170,931	551	49	178
*OE3UFC	"	51,200	190	38	122
*OE1YMA	"	39,144	124	53	115
*OE2FKM	"	33,670	182	34	96
*OE7SPI	"	23,112	161	24	83
*OE2IJL	"	18,368	164	28	84
*OE7AOT	"	13,932	117	21	65
*OE8CCQ	"	13,494	140	17	61
***OE3BCA**	14	154,938	657	33	114
***OE5CWL**	7	106,029	744	23	96
*OE7AJT	"	54,352	644	12	67

AZORES

CU2A	A	6,598,032	5587	120	464
					(OP: OH2UA)
CU2DX	"	130,872	522	30	93
CU2CR	21	269,951	1057	28	93
CU2AF	14	274,050	1446	30	96
***CU3AL**	A	222,270	506	57	182
***CU2/OH1VR**	21	276,740	1327	26	111

BALEARIC ISLANDS

EA6LP	A	366,080	802	75	245
EA6AFE	28	58,696	357	25	91
EA6AZ	"	14,392	208	17	39
***EA6TU**	A	13,300	171	17	59
*EC6UD	21	9,576	95	17	55

BELARUS

EU1PA	A	875,812	1740	88	346
EU7SA	"	18,144	115	28	56
EW8MW	14	443,031	1756	37	140
EW1CQ	1.8	6,930	163	6	36
***EW6AF**	A	170,538	989	32	97
*EW4DX	"	69,513	391	25	116
*EU4CQ	"	38,590	237	39	131
*EW6EW	"	20,657	186	17	74
*EU1DX	"	11,160	78	28	62
*EW3LN	"	1,935	46	16	27
*EW1NA	"	930	22	10	21
*EW6GL	"	728	22	8	18
***EU3AR**	28	7,216	143	9	32
*EW1ABF	"	976	61	2	14
***EU1GA**	21	15,164	154	16	52
*EW8DA	"	3,015	43	11	34
*EW2EO	"	2,660	50	7	28
***EU1AZ**	14	251,537	1185	34	109
*EU6FF	"	15,352	111	17	59
*EW6DX	"	10,692	98	14	40
*EW4AB	"	8,525	112	13	42
*EU1DZ	7	7,956	138	8	43

BELGIUM

OQ5M	14	401,257	1490	35	114
					(OP: ON5ZO)
OQ1C	"	271,215	1061	36	111
					(OP: ON4ON)
OR4A	7	170,355	1039	31	92
					(OP: ON4BW)
OR6N	3.7	78,480	962	12	68
***OR6G**	A	150,143	457	50	191
					(OP: ON4KJ)
***OQ7T**	"	135,256	494	44	168
					(OP: ON7TQ)
*ON5SV	"	112,736	453	40	168
*ON4CAS	"	109,769	337	38	149
*OR7Y	"	94,520	298	43	127
					(OP: ON7YX)
*ON4XG	"	81,455	359	34	135
*ON5UJ	"	53,784	231	34	128
*OR6C	"	42,704	267	23	113
					(OP: ON6CR)
*OR4T	"	30,989	179	32	101
					(OP: ON7SAT)
*ON8VM	"	23,754	173	26	85
*OO9O	"	12,220	100	22	72
					(OP: ON7SS)
*ON6MI	"	8,700	148	10	40
*ON9Ø0BE	"	7,470	85	20	63
					(OP: ON4LWX)
***OQ4T**	14	116,160	673	27	94
					(OP: ON4TO)
***OO6U**	3.7	37,485	608	7	56

BOSNIA-HERZEGOVINA

T93O	28	232,839	1650	26	97
T9/9A8A	21	741,014	2555	37	144
T93M	14	1,222,033	3917	40	139
T96Q	7	734,740	2633	38	132
					(OP: 9A5K)
***T94LW**	A	498,630	1246	63	267
*T93Y	"	3,975	43	17	36
*T92M	21	6,160	76	15	40

BULGARIA

LZ3FN	A	1,617,444	2313	103	399
LZ7X	"	430,680	1085	67	224
LZ2PL	"	66,924	354	48	108
LZ2PG	"	35,700	137	38	67
LZ1MC	"	1,056	24	11	21
LZ1NG	28	195,300	1233	30	110
LZ5W	21	237,336	1230	31	101
					(OP: LZ1RAY)
LZ5Z	"	25,272	212	17	55
					(OP: LZ3DJ)
LZ5A	14	223,366	1289	32	111
LZ2HM	1.8	53,550	693	9	66
***LZ9Z**	A	82,476	331	43	131
*LZ1IKY	"	47,736	251	38	115
*LZ2ZF	"	46,610	176	45	113
*LZ2UZ	"	46,092	219	38	100
*LZ2ZY	"	45,016	222	30	106
*LZ2HN	"	34,776	184	31	107
*LZ5PL	"	28,910	195	27	91
*LZ13ARDF	"	9,600	232	9	39
					(OP: LZ3HI)
*LZ3HI	"	3,550	44	18	32
***LZ2JA**	21	85,644	555	25	83
***LZ9X**	14	334,134	1388	38	133
					(OP: LZ1RB)
***LZ4UU**	7	25,346	247	14	69

CRETE

SV9COL	A	163,480	505	62	182

CORSICA

TK1KJ	14	207,766	1252	30	101

CROATIA

9A3ST	A	233,772	519	68	240
9A1A	21	1,028,195	2787	38	165
9A4NW	"	558,670	2420	36	125
9A4W	"	418,584	1772	36	127
9A6A	3.7	221,914	1628	22	99
9A2DQ	1.8	38,796	625	9	52
***9A2EU**	A	1,815,312	1622	129	512
*9A4KW	"	92,050	302	44	131
*9A1CMS	"	45,990	248	42	104
					(OP: 9A6KZH)
*9A3QB	"	17,490	90	35	75
***9A5KV**	28	60,350	784	16	55
*9A4VM	"	23,485	211	14	63
***9A2TE**	21	78,470	435	25	93
*9A6NNS	"	36,951	217	24	85
***9A5ANB**	7	25,896	247	15	68

CZECH REPUBLIC

OK6TW	A	372,627	792	68	265
OK2FB	"	250,500	650	55	245
OK1AXB	"	182,742	563	56	173
OK7MT	"	50,585	191	40	111
OL5Y	"	32,357	232	27	104
					(OP: OK1FUA)
OL7D	21	357,416	1313	34	138
					(OP: OK1DTP)
OK2ABU	"	33,368	207	24	73
OL9Z	14	462,480	1687	35	129
					(OP: OK2PVF)
OK5R	7	878,628	2977	35	142
					(OP: OK1RI)
OK2ZAW	3.7	100,004	994	18	74
***OK1TC**	A	452,120	1083	64	292
***OK1DKR**	"	206,608	494	59	237
*OK1MKU	"	175,182	410	62	229
*OK1BA	"	162,840	528	48	182
*OK1LO	"	159,536	542	48	188

*OK1CLD	"	154,133	531	45	182
*OK2SAR	"	135,140	515	45	188
*OK1BET	"	130,180	489	43	187
*OK1BLU	"	128,212	458	44	197
*OK1AJR	"	117,132	326	51	176
*OK1DUT	"	102,087	353	50	149
*OK2BRX	"	95,207	401	41	162
*OK4AS	"	89,556	368	40	164
*OK1CJN	"	84,249	249	54	153
*OK2WYK	"	65,450	324	36	151
*OK5TK	"	60,078	218	40	146
*OK1SAT	"	56,588	259	36	136
*OK2KFK	"	54,479	325	31	126
*OL2T	"	44,243	304	27	124
					(OP: OK2TC)
*OK2PPM	"	43,680	197	37	123
*OK2SWD	"	35,346	238	24	113
*OK2PBG	"	19,340	127	31	83
*OK1VHV	"	15,416	103	25	69
*OK6DJ	"	12,138	81	33	69
*OK2PMA	"	10,836	122	15	69
*OK1GS	"	8,968	123	13	63
*OK1SRD	"	2,652	47	15	36
*OK2STM	"	1,892	46	11	33
*OL7A	"	945	42	13	32
					(OP: OK1SRD)
***OK1UU**	**28**	**4,879**	**95**	**8**	**33**
*OK1KZ	"	2,940	64	8	27
***OK2N**	**21**	**159,264**	**533**	**30**	**128**
					(OP: OK2NN)
*OK1DRQ	"	91,188	347	31	118
*OK2TBC	"	13,370	135	18	52
***OK4A**	**14**	**85,527**	**469**	**29**	**88**
***OL5M**	**"**	**75,145**	**399**	**25**	**88**
					(OP: OK1GI)
*OK1MMN	"	23,052	231	16	52
*OK4AZ	"	2,204	50	9	29
***OK6Y**	**7**	**22,243**	**367**	**10**	**49**
					(OP: OK2PTZ)
***OK1WCF**	**3.7**	**60,192**	**761**	**10**	**66**
*OK2PWJ	"	19,018	250	12	62
***OL3X**	**1.8**	**16,414**	**299**	**8**	**50**
					(OP: OK1FC)
*OK2BRA	"	2,244	65	5	29
*OK1DST	"	1,740	82	5	24

DENMARK

OZ7X	**A**	**2,523,900**	**3239**	**95**	**375**
					(OP: OZ5KF)
OZ5EV	"	142,758	352	71	269
OZ8PI	"	22,352	195	25	102
OZ1HXQ	**1.8**	**70,858**	**951**	**11**	**60**
***OZ7AM**	**A**	**293,475**	**681**	**53**	**248**
*OZ1JVX	"	155,262	519	41	188
*OZ1ACB	"	138,483	473	41	166
*OZ1RD	"	111,188	422	39	170
*OZ4EL	"	75,839	302	36	145
*OZ1KKH	"	38,363	149	34	135
*OZ6OQ	"	33,408	239	26	102
*OZ7TTT	"	16,756	128	23	95
					(OP: OZ5WQ)
*OZ1DGQ	"	7,884	98	16	57

ENGLAND

GØMTN	**A**	**1,028,853**	**1735**	**81**	**360**
G4DBL	**"**	**915,013**	**1375**	**91**	**340**
MØWLF	"	680,656	1279	61	243
G3YBY	"	267,435	490	68	247
G3KWK	"	188,370	581	52	221
MØGHQ	"	129,947	441	44	155
G7T	"	111,825	319	51	174
					(OP: G3NYY)
G3VCQ	"	99,345	358	45	140
G4MKP	"	48,896	303	27	101
G5X	"	45,085	277	36	91
					(OP: MØOXO)
G4IIY	"	40,848	197	34	114
GØKPW	**28**	**195,210**	**1061**	**26**	**109**
					(OP: GØAEV)
G3RAU	**14**	**295,581**	**1074**	**37**	**122**
G3TXF	**7**	**152,256**	**992**	**25**	**97**
***GØKDS**	**A**	**194,228**	**617**	**47**	**189**
***G4ADJ**	**"**	**172,062**	**560**	**45**	**197**
***G4FKA**	**"**	**159,576**	**536**	**42**	**202**
*2EØATY	"	154,160	867	33	155
*MØMCX	"	138,697	536	39	188
*G4DFI	"	120,510	506	38	168
*M3OXD	"	107,991	402	38	175
*G6CSY	"	84,483	399	32	157
*G4LDL	"	81,253	230	49	144
*G4WGE	"	74,476	349	32	140
*G6SFP	"	71,940	305	34	131
*M5KJM	"	60,445	265	32	125
*G6UBM	"	58,140	296	38	132
*G4DDL	"	51,680	268	29	131
*G4NXG	"	48,786	206	38	103
*GØUGO	"	47,100	277	29	121
*MØDYI	"	46,767	294	24	107
*G8ZRE	"	45,500	318	22	118
*G4RHR	"	45,500	181	32	108
*MØMDR	"	45,300	305	26	124
*G7RTI	"	34,932	230	26	97
*2EØTGS	"	31,944	230	26	106
*MØLSK	"	30,016	196	24	88
*MØOIC	"	27,548	139	30	112
*G4OCO	"	23,625	199	25	100
*2EØTLB	"	23,532	170	25	86
*MØCOP	"	17,030	112	24	106
*G3RSD	"	16,074	123	24	70
*GØRAH	"	14,432	150	18	64
*GØEYO	"	13,494	138	18	60
*MØJTI	"	10,224	141	20	52
*G8ITB	"	8,584	113	17	57
*2EØSJC	"	7,888	113	15	53
*G4PIQ	"	6,468	86	15	51
*M3PZT	"	3,264	65	14	34
*GØVAX	"	1,665	51	9	36
*G4SLE	"	1,302	38	12	30
***G1VDP**	**28**	**9,464**	**163**	**12**	**44**
***GØVOK**	**21**	**16,951**	**164**	**14**	**53**
*G7UGC	"	16,146	162	18	51
*M1MAJ	"	3,838	86	6	32
*GØREC	14	1,034	34	10	23
***M1DST**	**7**	**3,772**	**118**	**5**	**41**

ESTONIA

ES5TV	**A**	**5,064,255**	**4760**	**145**	**554**
***ES1LS**	**A**	**81,954**	**432**	**31**	**143**
*ES5MG	"	39,312	162	40	116
*ES2BH	"	14,850	152	18	72
*ES6RMR	14	3,520	66	10	34
*ES5RIM	"	3,442	75	9	34
*ES4RD	"	1,176	24	8	13
***ES5RY**	**7**	**70,140**	**501**	**21**	**84**
*ES7GM	"	24,800	314	16	64
***ES6PA**	**3.7**	**12,250**	**230**	**7**	**43**

EUROPEAN RUSSIA

UA3QDX	**A**	**2,453,457**	**2450**	**131**	**528**
RW1ZA	**"**	**1,065,858**	**1487**	**95**	**306**
RN4AA	**"**	**886,410**	**1344**	**97**	**372**
RA1AGL	"	386,460	920	78	264
RZ6HAZ	"	296,255	693	70	237
RX3MA	"	280,540	577	78	254
RV3FN	"	249,964	654	59	227
RA3NC	"	214,894	504	65	213
RZ1ZZ	"	197,415	980	30	93
RV1CC	"	193,304	431	73	219
RU3UR	"	171,985	389	70	225
RV3NA	"	157,284	337	57	200
RZ3DW	"	152,628	335	70	206
UA3BM	"	140,182	312	71	195
RA3TT	"	134,088	346	57	165
RW6HX	"	133,152	287	71	157
					(OP: RZ6HX)
RT3T	"	113,046	412	46	181
					(OP: UA3TU)
RA4PO	"	107,616	276	64	172
RX3MX	"	65,238	231	41	125
UA4NCI	"	51,993	194	51	108
RZ3DA	"	50,460	186	49	125
UA4NC	"	42,712	200	38	114
RX3DTN	"	13,113	66	36	57
RA3UT	"	10,873	54	34	49
UA3RC	"	5,141	81	12	41
UA4NJ	"	1,734	51	7	27
RA4NAJ	"	740	27	12	25
RC4Q	**28**	**5,916**	**53**	**17**	**34**
					(OP: UA4RC)
UA4RC	**21**	**350,602**	**1149**	**33**	**125**
UA4LU	**"**	**231,556**	**800**	**30**	**116**
RA3OU	"	115,149	520	27	104
RX3AW	"	19,270	130	19	63
RS3A	**14**	**599,167**	**1891**	**38**	**153**
					(OP: RA3CW)
RN3ZC	"	288,756	1273	34	122
RA4LBS	"	199,260	977	30	105
UA3EDQ	"	113,703	455	33	118
RV3BQ	"	18,460	189	17	54
RU4CO	"	6	1	1	1
RX3FS	**7**	**69,660**	**540**	**25**	**83**
UA6YN	"	41,216	402	19	73
RW6ATJ	"	1,188	31	6	21
UA1OMS	**3.7**	**37,200**	**350**	**15**	**65**
RA6AFB	"	20,736	227	12	60
UA3MIF	"	11,092	159	9	50
RA4YW	"	2,366	58	5	21
***UA4FER**	**A**	**1,496,315**	**1694**	**108**	**397**
***UA4FRL**	**"**	**988,500**	**1281**	**101**	**399**
***RU3QW**	**"**	**794,164**	**1205**	**94**	**358**
*RA6DB	"	586,296	1034	83	325
*UA3BL	"	577,096	1057	83	320
*RK3ZZ	"	555,444	893	91	326
*RX3ZX	"	479,520	788	84	286
*RV6LFE	"	414,081	956	74	257
*UA3ABJ	"	389,874	664	80	279
*UA3MQM	"	334,080	640	73	275
*RA6GW	"	307,207	584	74	215
*RW1CW	"	267,594	668	65	244
*RN6FA	"	260,496	652	68	175
*RK6CK	"	254,600	649	61	207
*RN4AT	"	242,151	616	59	214
*UA3FDX	"	222,480	499	72	237
*UA3LHL	"	219,781	624	51	220
*RA3RGQ	"	208,884	394	76	262
*RD3DT	"	194,304	540	60	204
*UA4PJM	"	179,250	464	65	185
*RL3AW	"	164,175	296	61	214
*RV1CB	"	154,880	541	51	205
*RA3QG	"	130,350	484	42	195
*RA4ST	"	121,981	441	47	176
*UA4PAN	"	121,527	425	42	147
*RU3VD	"	121,275	281	57	174
*RX3AGD	"	107,892	225	69	153
*UA4WMA	"	107,540	482	47	143
*RA6FZ	"	102,382	382	53	153
*RX6LP	"	101,952	221	73	163
*RN4CA	"	101,844	318	58	149
*RN4AM	"	101,230	336	50	141
*RV3YR	"	89,244	293	54	147
*RV2FW/1	"	88,000	243	58	162
*RX3OM	"	83,030	344	42	148
*UA3MEJ	"	79,380	270	52	158
*RA3TUT	"	77,400	295	40	160
*RU4CS	"	76,235	218	46	147
*RX3QDF	"	74,910	276	46	142
*UA1QV	"	74,480	283	45	145
*RV3MI	"	61,218	248	41	130
*RU3DM	"	61,039	160	51	128
*UA6LPY	"	56,385	250	43	136
*UA1WGV	"	55,444	271	39	127
*UA3DCW	"	54,020	292	33	115
*UA1CUR	"	52,592	297	33	140
*RA4NCC	"	50,375	253	31	94
*RA3MB	"	50,367	211	40	123
*RN3BU	"	49,528	291	32	119
*RV3DBG	"	48,574	217	35	128
*RL3FA	"	47,684	163	47	135
*U1BA	"	47,517	287	32	109
*UA6ART	"	45,285	191	47	122
*UA4FEL	"	43,332	139	48	109
*RU3XB	"	43,056	209	39	117
*RX3MM	"	42,480	154	45	99
*RW6AH	"	41,520	234	26	94
*RA1TV	"	41,344	227	35	117
*RL3AJ	"	29,952	221	24	93
*RA3EG	"	29,880	124	41	79
*UA4AQL	"	29,750	172	26	93
*RK6CM	"	27,064	110	46	90
*UA6YI	"	26,969	123	49	100
*RN1AO	"	25,380	115	40	101
*RX3AEX	"	24,150	178	29	86
*RW4PY	"	24,038	156	33	86
*RN3FR	"	22,360	149	25	79
*RZ3DO	"	15,750	99	32	73
*RN6DR	"	14,523	92	31	72
*RA1QDP	"	14,229	137	23	70
*UA4FUW	"	14,210	94	30	68
*R3AA	"	13,692	95	32	52
*UA4AAC	"	13,311	134	17	70
*RA6FUZ	"	9,520	97	17	51
*RZ3ATE	"	8,856	81	24	58
*RA6AAW	"	7,590	46	28	38
*UA3AKI	"	7,260	97	14	46
*RA3SS	"	6,862	42	31	42
*RU3UN	"	5,830	41	19	34
*RV3DUT	"	5,103	54	23	40
*UA3ACL	"	4,352	57	18	46
*UA3RAW	"	3,888	46	17	37
*UA3UBT	"	3,645	65	12	33
*UA6HFI	"	3,380	49	25	40
*UA4PJI	"	3,087	32	20	29
*RX3AA	"	3,038	38	19	30
*UA4WAG	"	2,760	50	12	34
*RZ3OV	"	2,736	35	14	24
*RA3FH	"	1,696	19	14	18
*UA3SBW	"	950	14	11	14
*RW6CW	"	700	15	11	14
*UA3DSS	"	550	12	11	11
*RL3AF	"	195	18	3	12
*RX4HX	"	140	6	4	6
***RU6MD**	**28**	**10,206**	**104**	**16**	**47**
***RZ6MO**	**"**	**6,048**	**59**	**15**	**41**
*RW6BN	"	4,845	67	14	43
*RA3DTN	"	3,150	43	11	31
***RZ4AG**	**21**	**157,497**	**579**	**31**	**110**
*UA3PW	"	40,061	238	21	76
*UA4LW	"	35,062	198	20	74
*RL3AB	"	20,086	198	17	66
*RZ3VA	"	12,663	106	18	45
*RW4LQ	"	8,265	53	20	37
*RA3GFG	"	1,054	27	12	22
***RU6CQ**	**14**	**270,200**	**955**	**37**	**138**
***RV3RM**	**"**	**217,413**	**1160**	**36**	**117**
*RX6AH	"	143,295	884	28	95
*RN3GA	"	81,424	516	24	88
*RX3DBG	"	54,184	332	23	81
*RU4WD	"	27,840	250	20	76
*RA3DGH	"	18,056	200	11	63
*RN1AW	"	15,862	146	21	56
*RU3UW	"	9,727	113	12	53
*RV3EDY	"	6,000	103	12	36
*RW3DL	"	1,566	40	6	23
*UA4PAQ	"	171	19	5	14
*RU3TC	"	56	5	3	5
***UA3SAQ**	**7**	**88,288**	**473**	**25**	**99**
*RU6FA	"	54,540	336	21	87
*RN4SN	"	51,448	270	24	85
*UA6LCN	"	8,896	103	13	51
*UA1ANA	"	5,650	99	9	41
*UA3AAP	"	4,232	80	8	38
***RW3GB**	**3.7**	**17,680**	**208**	**10**	**55**
*UA3MOC	"	1,406	37	7	30
***RZ3AUL**	**1.8**	**4,576**	**96**	**7**	**37**
*UA6BQD	"	1,581	58	6	25

EUROPEAN TURKEY

***TA1FA**	**14**	**12,027**	**211**	**9**	**45**
***TA1CM**	**1.8**	**2,201**	**72**	**5**	**26**

FAROE ISLANDS

OY1CT	**21**	**50,400**	**605**	**13**	**67**
***OY9R**	**A**	**72,128**	**404**	**29**	**132**
*OY1A	"	3,034	100	6	35

FINLAND

OH8X	**A**	**5,477,608**	**4189**	**138**	**521**
					(OP: OH6UM)
OH1F	**"**	**1,737,930**	**2133**	**116**	**454**
					(OP: OH1NOA)
OH3OJ	"	568,288	1604	64	237
OH2RA	"	426,116	1088	66	241
OH1BV	"	233,761	684	60	209
OH5NE	"	65,490	332	36	141
OH1BOI	"	3,763	59	15	38
OH6AC	**28**	**31,080**	**299**	**17**	**67**
					(OP: OH6CS)
OH3JR	"	3,081	80	7	32
OH2XF	**21**	**38,160**	**182**	**27**	**93**
OH8MNM	14	1,080	43	9	21
OH3XA	**3.7**	**9,821**	**158**	**11**	**50**
***OH2MFE**	**A**	**61,540**	**294**	**33**	**137**
*OH6XY	"	51,506	192	43	139
*OH2LZC	"	41,656	183	32	132
*OH8GZN	"	32,375	196	30	95
*OH3HS	"	8,858	88	18	68
*OH6GFI	"	2,068	39	16	28
*OH3RM	"	480	19	8	16
***OH4YT**	**21**	**7,257**	**100**	**14**	**45**

FRANCE

F6DZU	**A**	**689,520**	**1493**	**77**	**261**
F5VHY	**"**	**528,367**	**739**	**77**	**210**
F5BBD	"	521,255	1270	68	303
F5RAB	"	359,466	580	82	280
F5PU	"	343,264	1213	53	219
F4CPF	"	106,074	253	58	191
F6IQA	"	101,167	495	44	143
F2JD	"	100,302	294	52	167
F5MNK	"	54,470	193	36	94
F5FLN	**7**	**404,673**	**1567**	**31**	**98**
TM2S	"	116,970	796	20	85
					(OP: F5PED)
F4DLM	**3.7**	**18,727**	**336**	**9**	**52**
***F4BKV**	**A**	**1,005,888**	**1260**	**103**	**393**
***F8AKS**	**"**	**578,666**	**1299**	**72**	**247**
*F5KSE	"	533,484	1019	73	275
					(OP: F4CWN)
*F2AR	"	356,724	791	61	263
*F4ETG	"	283,680	670	54	234
*F5QF	"	216,449	401	62	201
*F4AGR	"	191,620	475	49	171
*F5DRD	"	171,990	562	52	193
*F4DLL	"	167,739	529	50	203
*F6DRP	"	146,880	591	38	142
*F8DVD	"	120,198	449	39	162
*F5LCU	"	115,020	414	40	173
*F5AAR	"	110,295	348	43	172
*F1FPL	"	103,285	322	46	181
*F6GCI	"	95,472	318	44	160
*F4EUN	"	84,436	348	44	158
*F6DZD	"	78,306	339	34	152
*F5CQ	"	66,759	233	45	142
*F8DYD	"	58,989	266	33	126
*F8DFP	"	44,784	201	36	108
*F4MWM	"	43,507	270	29	110
*F5SGI	"	31,920	193	29	104
*F4EIH	"	31,248	195	31	113
*F5MMB	"	27,270	173	24	77
*F5NBK	"	23,968	173	27	80
*F1ICS	"	23,040	187	29	91
*F4EMN	"	18,928	177	21	83
*F5LIW	"	18,424	125	23	75
*F4CUI	"	18,326	134	25	73
*F1AMA	"	15,288	118	25	66
*F4DZR	"	13,516	84	42	67
*F1IWH	"	7,047	106	18	63
*F8BBL	"	6,771	72	19	42
***F4FDA**	**28**	**13,632**	**172**	**13**	**51**
*F5TMJ	"	9,045	114	12	55
*F4EUR	"	7,888	69	15	53
***F5JY**	**21**	**80,642**	**318**	**26**	**96**
*F5OGG	"	20,368	162	16	60
***F5ODA**	**14**	**102,480**	**695**	**28**	**92**
***F5SSK**	**7**	**22,240**	**274**	**16**	**64**
***F5BEG**	**3.7**	**61,304**	**723**	**10**	**69**
*F6FTB	"	13,200	184	8	52

GERMANY

DL2DX	**A**	**920,040**	**999**	**106**	**334**
DL2MWB	**"**	**652,802**	**882**	**81**	**338**
DP5W	**"**	**539,982**	**876**	**81**	**312**
					(OP: DL2NBU)
DH6JL	"	537,288	800	85	281
DL9GTB	"	402,750	718	68	290
DF3IS	"	395,307	767	70	293
DK5EZ	"	387,595	634	73	262
DJ9HX	"	380,210	502	94	292
DL2APJ	"	343,900	685	70	292
DJ3HJ	"	320,169	657	63	198
DL9GFB	"	315,882	680	59	268
DF7IT	"	289,008	581	64	260
DL6UNF	"	256,320	616	56	232
DK4IO	"	215,556	515	57	219
DLØHCC	"	211,140	590	47	183
					(OP: DL9DRZ)
DH2RTW	"	198,372	559	51	220
DD1JN	"	176,256	430	52	236
DK7CH	"	112,998	478	42	180
DJ1TU	"	111,150	346	46	188
DJØIF	"	109,218	422	42	125
DL1PT	"	108,624	382	50	169
DF5BX	"	103,149	418	36	183
DG1EA	"	98,703	335	47	179
DM5TI	"	78,939	175	66	113
DL2RTL	"	75,735	294	43	144
DK2ØØ6TZ	"	75,645	326	42	163
					(OP: DL5YM)
DL5RBR	"	70,497	227	46	143
DL7BA	"	57,984	156	49	102
DL8KJ	"	55,632	255	43	140
DL9DRA	"	51,208	194	37	111
DM3ML	"	50,370	158	42	96
DO9REF	"	28,558	163	29	102
DJ2SL	"	28,416	123	34	114
DL9AWI	"	28,148	196	21	41
DL9NCR	"	21,504	133	37	91
DF1DV	"	16,112	137	27	79
DK8EY	"	14,720	126	19	73
DG1HVL	"	14,144	157	28	108
DL1HSI	"	9,559	94	22	57
DL6RBO	"	9,234	99	22	59
DJ1ZU	**28**	**38,165**	**301**	**15**	**70**
DL3LE	**21**	**174,004**	**586**	**31**	**133**
DMØY	**"**	**134,796**	**586**	**29**	**112**
					(OP: DL3BQA)
DK3GG	"	77,004	322	26	98
DL4WA	"	62,946	320	27	90
DP3D	"	61,824	305	25	103
					(OP: DK3KD)
DJ4PT	**14**	**784,044**	**2183**	**37**	**137**
DL5JS	"	50,040	381	18	72
DK8JB	"	42,728	377	19	79
DF6RI	"	2,366	52	9	17
DJ1AA	**7**	**133,504**	**1145**	**21**	**91**
DQ5Q	"	19,304	409	14	62
					(OP: DJ2RG)
DL3KZA	**3.7**	**54,201**	**605**	**15**	**74**
DF5AU	"	165	7	4	7
***DL4MCF**	**A**	**1,422,655**	**1551**	**107**	**452**
***DK5DQ**	**"**	**743,792**	**944**	**89**	**375**
***DR4G**	**"**	**623,392**	**1069**	**69**	**299**
					(OP: DJØGM)
*DM7A	"	585,714	1060	82	320
					(OP: DJ1YFK)
*DL6DCD	"	513,968	1019	67	286
*DL7UMK	"	344,072	800	59	269
*DJ4JF	"	311,220	544	72	270
*DK8AX	"	310,640	569	74	279
*DM9CM	"	298,551	625	62	265
*DM5JBN	"	285,587	657	61	216
*DM3HZN	"	265,200	597	63	237
*DF6WE	"	213,080	601	52	228
*DM2BPG	"	184,009	484	55	216
*DRØR	"	173,448	491	56	208
					(OP: DK2DQ)
*DL8ULO	"	170,660	544	49	216
*DJ8EW	"	155,228	461	49	208
*DD1LD	"	151,536	357	58	206
*DF3QG	"	144,936	351	59	185
*DF1HE	"	140,379	486	41	178
*DK7FP	"	136,904	437	44	174
*DL2KCK	"	115,776	391	52	164
*DLØIH	"	113,307	479	33	178
					(OP: DF6QC)
*DK7MCX	"	105,160	393	45	175
*DF6QC	"	102,616	436	32	170
*DL7VX	"	100,860	423	35	170
*DL6UYA	"	98,106	384	39	158
*DC8RU	"	95,436	354	41	157
*DL4MNG	"	93,330	419	29	154
*DG3DAT	"	87,890	373	39	148
*DK7GH	"	86,580	295	39	156
*DK3WJ	"	84,249	306	45	162
*DJ1OJ	"	78,995	298	40	145
*DL6RBH	"	78,905	329	45	170
*DGØDG	"	72,770	244	42	148
*DL1DBR	"	70,200	329	32	148
*DL6EZ	"	62,988	303	33	141
*DK6AY	"	60,962	267	37	150
*DM6DL	"	58,275	331	39	146
*DC3HB	"	53,890	210	39	131
*DL8NBJ	"	53,680	274	34	142
*DK3WM	"	50,553	275	29	108
*DGØCC	"	47,952	316	34	114
*DL6NAL	"	47,880	313	26	126
*DL8UGF	"	45,156	238	29	130
*DL3SCN	"	43,195	215	33	130
*DJ6UP	"	39,976	228	32	120
*DF2PH	"	38,052	236	22	104
*DF2FM	"	37,044	158	39	108
*DH3MAY	"	35,814	209	33	108
*DL2DVL	"	34,860	212	30	110
*DK3QZ	"	33,232	169	34	90
*DK1TS	"	33,136	206	25	84
*DL1TPY	"	31,752	193	37	125
*DG1IU	"	31,730	320	37	130
*DJ4TS	"	30,134	218	21	101
*DK9WQ	"	30,016	274	24	110
*DO1SSB	"	29,555	271	18	97
*DG6OAG	"	28,956	168	31	96
*DL9ZWG	"	27,450	167	29	121
*DO1BEN	"	26,790	217	19	95
*DL3ZAI	"	25,864	183	25	97
*DL1DXF	"	25,544	148	30	94
*DK1LRS	"	24,656	195	27	107
*DF1RK	"	24,400	159	28	94
*DM2AWM	"	22,040	182	26	90
*DL3VFN	"	20,460	116	35	89
*DG6DAF	"	20,140	141	23	72
*DL1XAS	"	19,493	183	18	83
*DJ8UV	"	17,802	130	27	59
*DL3DBY	"	17,480	148	24	91
*DK5KMA	"	17,200	162	16	70
*DJ6OL	"	17,160	140	23	81
*DL2GBB	"	16,512	114	25	71
*DL3KDC	"	16,349	150	22	86
*DL7EF	"	16,166	170	31	87
*DL9CW	"	14,400	100	22	78
*DH2PL	"	13,959	110	29	70
*DG5OBB	"	12,384	96	29	67
*DL8SDI	"	11,842	100	22	60
*DL7FA	"	11,440	127	15	65
*DL1AWC	"	10,962	99	22	65
*DL6UAM	"	10,880	131	16	52
*DL8DXL	"	9,555	92	25	66
*DL9LF	"	9,464	79	23	68
*DM2AJK	"	9,250	104	20	54
*DK8RE	"	8,560	79	22	58
*DO1KUB	"	8,208	103	15	57
*DO4WA	"	7,820	124	16	52
*DO9ST	"	7,332	92	15	63
*DL5SWB	"	7,020	90	21	57
*DL2EF	"	6,175	98	12	53
*DL5X	"	5,292	55	22	32
*DL7CU	"	5,049	82	12	39
*DL6OAK	"	4,900	51	18	31
*DO2XX	"	4,880	69	16	45
*DJ3GE	"	4,189	55	16	43
*DL6ZBN	"	4,148	63	15	46
*DO1DJJ	"	4,125	60	11	44
*DL6UJ	"	3,901	48	14	33
*DL4EBW	"	3,770	67	13	52
*DL1ARD	"	3,520	54	20	44
*DL1KUR	"	3,190	46	17	41
*DC2IP	"	2,964	62	15	42
*DL4EAX	"	2,268	58	12	42
*DGØOM	"	2,006	51	17	42
*DJ4PM	"	1,911	50	8	31
*DL3DC	"	1,786	56	10	37
*DL4NT	"	1,681	43	11	30
*DL1HWH	"	1,527	27	14	25
*DD3WW	"	1,520	24	18	20
*DL7VRG	"	783	21	10	19
*DG8KAD	"	780	34	8	22
*DL8JDX	"	609	15	7	14
*DL7LZ	"	480	14	8	15
*DL9RB	"	418	15	7	12
*DL5ASE	"	238	14	6	11
*DL7JOM	"	136	13	6	11
***DHØGDS**	**28**	**6,344**	**111**	**7**	**45**
*DL8WAA	"	168	6	6	6
***DL1EFD**	**21**	**62,595**	**348**	**20**	**87**
***DO4ZN**	**"**	**33,909**	**227**	**20**	**69**
*DO1YCL	"	20,498	188	16	58
*DJ6XB	"	2,108	32	11	20
*DL3JRA	"	546	20	7	14
*DL2ZA	"	399	18	6	13
***DL9URZ**	**14**	**189,440**	**710**	**34**	**126**
***DL9LR**	**"**	**112,464**	**547**	**31**	**101**
*DJ2XC	"	61,490	387	24	86
*DL7UIO	"	44,180	329	19	75
*DG8AM	"	22,866	270	13	61
*DF7GG	"	22,550	268	15	67
*DG4MCB	"	18,000	204	13	59
*DLØBKR	"	16,215	153	15	54
*DL3DRN	"	2,650	75	11	42
*DL3SEM	"	2,030	40	9	26
***DL2SAX**	**7**	**44,736**	**403**	**17**	**79**
***DH8BQA**	**1.8**	**17,214**	**364**	**7**	**50**

GREECE

SV8CRI	**A**	**750,394**	**1135**	**93**	**364**
SV1BFW	"	668,487	826	103	340
SV1GRD	"	79,467	322	49	150
SV1CIB	**14**	**300,330**	**1855**	**34**	**107**
SV1CER	7	5,529	56	13	44
***J43J**	**A**	**949,355**	**1511**	**89**	**332**
					(OP: DJ5JH)
***SV1UT**	**21**	**100,100**	**682**	**24**	**86**
*SV1JG	"	44,270	275	27	68

GUERNSEY

***MUØGSY**	**A**	**231,977**	**856**	**41**	**188**
***MUØFAL**	**14**	**36,045**	**330**	**15**	**66**

HUNGARY

HA1TNX	**A**	**646,030**	**1075**	**82**	**303**
HA3AUI	"	151,840	504	50	210
HA8IE	"	129,560	628	39	119
HAØMM	"	84,611	252	61	150
HA3GN	"	80,344	400	28	93
HAØHW	"	39,760	169	42	100
HA3LI	**28**	**34,380**	**318**	**17**	**73**
HA8LNN	**21**	**113,124**	**751**	**30**	**102**
HA1RS	**14**	**171,654**	**1021**	**28**	**106**
HA8BE	**1.8**	**60,606**	**817**	**9**	**65**
***HA3OU**	**A**	**134,520**	**296**	**70**	**158**
*HA5X	"	75,036	404	32	116
*HA1ZH	"	55,104	166	54	114
*HA8AL	"	5,814	90	14	43
*HA5Ø3DMF	"	4,900	73	23	47
					(OP: HA3DMF)
*HA5OMM	"	1,344	42	14	28
***HA8TP**	**28**	**27,448**	**315**	**14**	**59**
***HA7AVU**	**14**	**10,044**	**140**	**10**	**52**
***HA2QW**	**3.7**	**11,718**	**229**	**6**	**48**

ICELAND

TF4M	**A**	**92,684**	**542**	**27**	**89**
TF3AM	"	41,760	322	23	93
TF3MA	"	29,280	165	30	90
***TF/DL2JIM**	**A**	**65,100**	**374**	**37**	**103**
*TF/DL2JRM	"	4,802	71	15	34

IRELAND

EI4DW	A	383,904	1091	61	218
EI2JD	"	364,100	950	59	272
EI4BZ	"	54,360	307	33	118
EI9HX	14	180,913	1353	27	86
*EI6JK	A	311,376	778	58	254
*EI7CC	"	285,420	707	55	229
*EI7JR	"	34,335	277	18	91
*EI4CF	21	120,900	604	25	99

ITALY

II4A	A	1,911,455	2547	97	358
					(OP: IK4ADE)
IK3UNA	"	1,247,750	1778	101	333
IZ8EPX	"	826,428	1919	73	293
IK2UCK	"	494,312	802	82	306
IR2A	"	276,660	988	38	136
					(OP: I2UIY)
IN3VVK	"	231,064	1085	30	106
IWØHOU	"	194,806	502	56	201
IW1FPK	"	182,886	596	45	142
IK2EGL	"	140,448	489	47	129
IV3IPS	"	134,312	429	56	150
IZØKBR	"	101,850	361	45	130
IW4EIQ	"	58,981	189	42	127
IZ4GWE	"	55,535	321	36	109
IZ2GTO	"	34,650	198	38	116
IZ5FSA	"	27,559	100	50	77
IZ5BSA	"	21,600	164	24	72
IW9CJO	"	11,316	102	24	68
IZ5GST	"	10,947	58	33	56
IX1CVF	"	3,740	93	19	66
IX1LLZ	"	100	32	8	24
IW7EGQ	28	62,100	542	21	79
IK5AFJ	"	53,262	357	21	78
IZØDXI	"	8,195	106	15	40
IKØWRB	"	4,326	100	8	34
IZ8DPL	21	307,100	1179	35	131
IZ8FWN	"	228,582	889	33	129
IR5T	14	650,916	2206	39	125
					(OP: IK5ORP)
IR2M	"	594,405	1996	38	147
					(OP: IZ2FDU)
IR4B	"	429,975	1387	38	137
					(OP: IK4AUY)
IK4WKU	"	253,232	1265	33	103
IZ8FDG	"	138,388	895	28	88
I2SVA	"	83,375	341	25	100
IK8SEU	"	53,856	368	21	75
IZ8CGS	3.7	26,560	475	14	69
*IK2DZN	A	857,150	1398	79	316
*IW1ARB	"	766,743	1269	86	307
*IZ3KKE	"	430,688	764	75	269
*IZ7EDQ	"	363,456	843	62	226
*IW3SSA	"	361,884	759	69	249
*IK6OIN	"	282,424	573	79	265
*IKØXBX	"	278,730	522	73	269
*IZ3GNG	"	239,904	397	70	224
*IW4DUV	"	228,697	698	65	194
*IZØEHL	"	227,891	528	64	217
*IK1YLL	"	212,004	479	68	234
*IKØRHS	"	179,088	487	64	182
*IW7EBE	"	164,104	396	69	223
*IK2QLX	"	162,855	441	55	176
*IK8YFU	"	147,420	416	52	182
*IK7RVY	"	129,800	510	47	173
*IR3P	"	117,369	499	46	161
*IZ3DVU	"	105,930	327	49	149
*IZ5DKF	"	105,168	414	36	132
*IK3SSJ	"	93,890	289	53	152
*IK4QJF	"	92,650	400	45	125
*IWØBCF/6	"	92,004	363	42	162
*IZ8FBU	"	85,050	293	51	159
*IK2WXQ	"	84,150	291	46	152
*IZ8FOV	"	82,414	427	32	146
*IWØGYC	"	80,925	286	52	143
*IKØJMS	"	79,212	264	40	121
*IØLYO	"	67,374	218	42	129
*IWØHLZ	"	56,496	321	46	130
*IZ2ABN	"	56,127	173	50	109
*I8TWB	"	51,703	295	29	120
*IK2SAU	"	51,264	161	45	147
*IZØBXZ	"	50,616	266	38	114
*IZ2GMT	"	48,960	261	27	117
*IZ4AIF	"	46,454	225	40	141
*IZ5ILK	"	44,010	219	35	128
*IZ7EUB	"	42,366	118	48	90
*IK2YSJ	"	39,216	240	34	118
*IZ8GNH	"	37,230	222	36	110
*IK5FKF	"	36,897	193	36	111
*IW4ENR	"	35,433	215	31	96
*IZ1AOD	"	26,390	191	27	103
*IV3NVB	"	24,794	139	42	112
*IZØESO	"	18,120	131	23	97
*IK2WFN	"	17,955	135	26	79
*IK1TTD	"	17,732	145	30	94
*IZ2GNQ	"	16,445	109	34	81
*IW2BZY	"	15,840	106	28	71
*IZØCEZ	"	15,219	146	20	69
*IQ2VA	"	15,106	104	29	62
*IN3FHE	"	14,550	97	22	75
*IZ2GIL	"	12,420	126	24	68
*IK2IKW	"	12,144	92	27	65
*IZØKBW	"	11,844	88	28	66
*I2BZN	"	8,775	101	18	57
*IW4EQI	"	7,410	73	16	49
*I4YUG	"	5,952	70	16	46
*IZØFVD	"	4,982	66	15	32
*IV3YWT	"	4,950	69	17	38
*IW8FCQ	"	4,275	58	19	38
*IZ8FTW	"	2,565	56	17	40
*IK2AIT/2	"	2,538	47	14	33
*IW3IKX	"	2,480	42	12	28
*IZ1DXS	"	1,512	25	12	15
*IZØBNR	"	752	34	6	18
*IK2MLS	"	729	16	12	15
*IZ7HAI	"	609	23	10	15
*IZ1KGY	"	576	19	8	16
*IZ5HQB	"	575	20	9	16
*IZ8GUM	"	100	32	14	26
*IW2NEK	"	65	9	5	8
*IKØEIE	28	68,880	436	23	89
*IZ5ICH	"	42,960	462	18	62
*IZ8DBJ	"	37,904	365	22	70
*IW9HLM	"	24,236	223	20	63
*IZ5IMD	"	5,418	71	11	32
*IZ5DKJ	21	167,608	680	31	115
*IR8M	"	167,472	790	28	116
					(OP: IZ8CCW)
*IZ8EPY	"	63,468	313	28	95
*IW1QN	"	62,595	379	27	90
*IZØFRN	"	18,375	146	20	55
*IK7FMQ	"	9,333	95	14	47
*IV3YIM	14	154,980	916	25	80
*IW4BRG	"	120,816	561	31	113
*IK2YGZ	"	35,802	354	16	65
*IW4DGS	"	25,718	275	13	64
*IZ7AUH	"	18,330	134	18	60
*IW5ECP	"	182	10	5	8
*IK3UMT	7	113,285	455	34	105
*IV3AZV	"	14,144	178	15	49
*IW4EGX	"	6,380	126	8	47
*IZ4AKS	"	4,420	54	12	40
*IW2NSE	"	24	8	2	6
*IO1T	3.7	182,900	1191	22	96
					(OP: IK1RQT)
*IR5B	"	42,804	467	14	73
*IK4SPB	"	8,250	116	8	47
*IK3YAA	1.8	1,376	34	6	26

JERSEY

*GJ3YHU	3.7	8,236	99	8	50

KALININGRAD

*RA2FIA	A	36,720	202	31	104
*RK2FXG	3.7	1,428	51	4	24

LATVIA

YL6W	A	2,068,041	2430	121	480
					(OP: YL2GD)
YL2KO	"	582,999	1100	86	287
YL2BJ	"	8,695	178	6	41
YL2PQ	14	58,880	524	19	73
YL7A	3.7	251,442	1863	24	98
					(OP: YL2GM)
*YL2CR	A	123,435	494	39	172
*YL2VW	"	76,896	322	37	141
*YL2II	"	28,980	195	30	110
*YL3DQ	"	28,809	229	25	72
*YL8M	"	19,422	112	30	87
					(OP: YL2KL)
*YL2KF	"	4,446	54	16	41
*YL2IP	"	2,548	40	17	32
*YL3BZ	28	1,867	66	6	23
*YL3FT	21	71,868	461	25	88
*YL5W	14	197,616	1075	31	107
					(OP: YL2GN)
*YL2PP	1.8	609	30	3	18

LITHUANIA

LY4CW	A	836,200	1460	76	294
LY3CY	"	217,170	686	49	205
LY5R	"	150,120	332	68	202
					(OP: LY3BP)
LY2CX	"	143,058	595	46	165
LY2C	"	74,108	349	37	154
LY2AE	"	68,076	291	46	140
LY2K	"	61,000	632	15	85
LY2BOS	"	58,590	253	41	114
LY1CM	"	20,150	120	36	94
LY2W	21	171,678	892	31	111
LY2FN	3.7	32,110	464	11	54
LY2IJ	1.8	87,904	1059	12	70
*LY6M	A	1,945,800	2486	112	463
*LY9A	"	1,669,796	2338	101	407
					(OP: LY3BA)
*LY6A	"	991,200	1439	91	381
					(OP: LY2BM)
*LY2MM	"	407,588	887	68	278
*LY2T	"	229,665	734	51	200
*LY4DX	"	191,100	620	42	218
*LY2N	"	74,250	308	41	157
*LY2OO	"	49,170	262	30	135
*LY4K	"	36,708	249	29	104
*LY3NVV	"	360	12	7	11
*LY2LF	14	3,526	70	11	32
*LY2Y	"	1,150	42	5	20
*LY1DT	3.7	38,482	545	11	60
*LY4Q	"	37,488	529	10	61
*LY1C	"	9,259	191	6	41
*LY2A	"	1,575	69	3	22
*LY2OU	1.8	25,761	425	8	55

LUXEMBOURG

LX6T	7	276,908	1419	31	117
					(OP: LX1KC)
*LX1ET	A	924	19	14	19

MACEDONIA

*Z36W	A	471,968	1003	71	272
*Z35G	"	1,540	33	12	23
*Z35T	14	494,331	1983	37	122
*Z37M	7	31,265	445	14	51

MOLDOVA

ER2BAF	A	100	75	19	46
ER1Q	3.7	197,964	1675	20	88
*ER5DX	A	224,100	454	67	233

MONACO

*3A/IZ2EID	A	23,856	194	20	92

NETHERLANDS

PAØIJM	A	1,062,558	2373	74	304
PAØJNH	"	482,671	923	69	302
PAØLOU	"	306,175	596	68	263
PA4A	"	249,636	635	62	222
PH4U	"	148,256	503	41	185
PA9DD	"	47,272	273	32	120
PAØLSK	"	28,652	214	23	93
PA3A	14	39,710	296	19	76
*PAØAGA	A	723,135	1385	75	280
*PC4M	"	317,382	740	55	258
*PA8KW	"	238,278	597	60	242
*PA1TX	"	224,301	639	50	181
*PA2W	"	183,090	553	49	206
*PE1MMZ	"	180,774	428	49	193
*PA2C	"	124,320	415	40	182
*PF9A	"	101,493	391	40	149
*PAØB	"	97,427	469	27	160
*PA3FMC	"	56,794	357	26	120
*PG2D	"	46,650	250	30	120
*PHØAS	"	43,218	196	39	108
*PA1PAT	"	42,600	242	32	110
*PE2JMR	"	38,780	251	27	113
*PA2SWL	"	30,356	149	36	107
*PA1PT	"	20,856	174	33	99
*PA3DBS	"	19,920	183	29	91
*PE1PXY	"	13,005	121	26	59
*PA3EWG	"	12,728	99	23	63
*PA3HGF	"	9,652	102	21	55
*PA5P	"	7,921	81	21	68
*PAØKDM	"	7,224	93	19	67
*PA2CVD	"	7,056	130	11	52
*PA1GS	"	1,628	37	13	31
*PAØRBA	"	377	23	8	21
*PA3ADJ	14	9,591	113	15	54
*PAØMIR	3.7	15,057	209	10	53

NORTHERN IRELAND

GI4VIV	A	214,320	560	58	227
GI4XSF	"	8,030	101	15	58
MIØLLL	21	538,736	2003	33	143
*MIØJZZ	A	242,352	973	46	158
*GIØKVQ	"	186,367	627	47	180
*GI4AAM	"	95,183	467	30	157
*GI4SJQ	"	92,560	353	44	164
*GI7AXB	"	56,718	350	30	107
*MI3OZX	"	24,153	199	18	79
*MIØAEX	"	1,148	30	11	17

NORWAY

LB8IB	A	2,734,453	3554	95	452
LA1VNA	"	48,910	296	25	109
LA3DV	"	24,024	221	30	113
LA1BFA	"	18,616	161	22	82
LA2IJ	28	11,514	126	11	46
LA2MJA	14	84,150	512	23	87
LN9Z	3.7	160,792	1464	19	82
					(OP: LA5KO)
LA9VBA	"	14,756	211	9	53
LA2XPA	"	13,728	185	10	56
*LA7GNA	A	10,318	100	19	58
*LA9NM	"	4,565	77	14	41
*LA8GK	"	3,431	64	12	35
*LA6CF	"	2,773	33	17	30
*LN7AZ	"	2,397	53	13	38
					(OP: LA6FJA)
*LB9LE	"	1,643	43	8	23
*LA8OM	"	1,435	35	11	24
*LA2QJA	"	812	32	7	21
*LA6NNA	"	483	17	7	14
*LA9TY	"	48	4	4	4
*LA8WG	14	6,093	122	7	40
*LB1LF	"	272	17	3	13

POLAND

SO6X	A	2,835,448	3015	135	481
					(OP: SP6IXF)
SN7Q	"	2,366,812	2523	115	433
					(OP: SP7GIQ)
SN5N	"	1,238,314	1942	96	377
					(OP: SP5KP)
SP2HYO	"	206,208	439	69	219
SP5BB	"	76,231	288	48	145
SP6IEQ	"	72,718	223	52	154
SP6OPZ	"	58,450	263	42	133
SP9FT	"	54,096	300	34	127
SP5GMM	"	45,640	169	45	118
SQ6R	28	28,275	325	13	62
SN3A	21	467,676	1387	38	160
					(OP: SP3GEM)
SN2F	"	13,840	98	17	63
					(OP: SP2GJV)
SP4KDX	14	46,072	295	23	81
					(OP: SP2FAP)
SP3GTS	"	44,304	300	23	81
SP9MRO/8	7	275,919	1414	33	114
SN2B	1.8	104,497	1287	13	70
					(OP: SP2FAX)
SP3KEY	"	73,050	969	10	65
					(OP: SP7VC)
SQ8JLA	"	21,899	448	8	53
SP9ATE	"	9,204	189	8	44
SP9BQJ	"	5,328	120	6	42
SP6EUA	"	437	19	6	17
*SN8R	A	347,193	956	69	228
					(OP: SP8ONZ)
*SP1MVG	"	330,368	561	81	275
*SP9EWO	"	298,298	800	64	234
*SP1DTE/9	"	273,812	666	63	245
*SP3J	"	258,125	760	51	244
*SP9NWN	"	256,500	689	60	210
*SP6MLX	"	209,118	560	54	219
*SP1O	"	179,529	320	73	236
*SP6A	"	171,339	495	50	237
*SP3JHY	"	145,167	398	54	195
*SP4AAZ	"	133,280	478	47	198
*SP2GJI	"	109,729	386	43	154
*SP9MAN	"	106,372	418	45	158
*SP1DMD	"	103,212	342	42	149
*SQ6NES	"	102,592	399	47	177
*SQ9ANS	"	101,421	412	37	154
*SP3EPX	"	97,290	475	49	186
*SP9WZJ	"	91,791	319	49	168
*SP1KZE	"	88,176	423	35	141
					(OP: SP1MWN)
*SP3MEP	"	82,460	398	40	150
*SP8LXE	"	77,737	368	39	152
*SP8ONB	"	74,210	360	37	144
*SP2FTL	"	70,844	337	38	140
*SP6NVK	"	70,760	345	33	112
*SP7QJB	"	70,656	330	38	154
*SP7MC	"	68,259	320	34	149
*SP9AUV	"	67,156	197	56	150
*SP7DQR	"	66,960	298	41	139
*SP6RGC	"	56,090	293	33	125
*SP3BVI	"	53,746	261	33	121
*SP4DDS	"	52,152	313	29	130
*SP3OL	"	51,799	222	46	141
*3Z8Z	"	47,376	199	39	102
					(OP: SP8AJC)
*SQ9FCH	"	46,629	278	34	123
*SP2AVE	"	45,101	220	38	124
*SP5WLO	"	43,555	253	32	123
*SP9OYB	"	41,100	230	29	121
*SP4BPH	"	40,469	189	30	113
*SP9CTW	"	36,958	149	30	114
*SP2HFH	"	35,733	246	23	106
*SQ9DXT	"	34,776	247	26	100
*SP6JZP	"	28,496	130	35	102
*SP4FDF	"	21,546	124	35	91
*SP5ELW	"	19,758	128	30	81
*SP2DKI	"	19,680	144	28	95
*SQ9NRY	"	17,556	150	27	87
*SP7HTD	"	17,316	150	29	88
*SQ5EBM	"	17,028	86	36	63
*SP3GHK	"	16,376	280	32	137
*SP9CLU	"	15,180	141	26	84
*SQ4FXS	"	14,924	128	25	66
*SP5TAM	"	12,994	116	20	69
*SP8HPW	"	12,827	118	24	77
*SP2ILQ	"	12,502	124	22	72
*SP5COF	"	11,730	123	25	77
*SP3CMA	"	11,424	112	18	66
*SP3VSE	"	10,425	146	11	64
*SP8HXN	"	10,368	93	24	57
*SQ8IFG	"	10,148	170	9	50
*SP5LMT	"	8,611	64	30	49
*SP5ELM	"	7,986	68	20	46
*SP5CJQ	"	7,770	49	27	47
*SP6BEN	"	7,420	63	20	50
*SQ6MIP	"	7,370	52	20	47
*SQ9JKD	"	7,107	107	14	55
*SP9IVD	"	6,916	88	16	60
*SQ8T	"	6,512	57	24	50
*SP6LUV	"	5,888	45	25	39
*SQ1FYX	"	5,698	112	13	61
*SP6DHH	"	3,620	111	18	60
*SP7TEX	"	3,402	50	18	36
*SP5IKO	"	2,466	25	19	26
*SP9PTG	"	2,175	53	11	44
*SP4AUN	"	1,540	45	13	31
*SP2CA	"	945	20	16	19
*SP2IKP	"	782	38	8	26
*SP7EXJ	"	648	13	11	13
*SP5COR	"	280	15	8	12
*SP3LWP	28	50,244	360	20	86
*SP9DSD	"	39,600	301	20	79
*SQ6ELV	"	29,070	233	18	77
*SP5LCC	"	27,060	220	18	64
*SP4DC	"	6,800	114	10	40
*SP9KJ	"	6,758	79	13	49
*SN9U	21	38,376	234	25	79
					(OP: SP9UMJ)
*SP9DLY	"	38,148	255	23	79
*SP2AYC	"	27,804	243	15	69
*SP7FBQ	"	21,812	171	20	62
*SP9MRK	"	19,516	167	21	61
*SQ9BDB	"	18,624	225	12	52
*SP5SA	"	17,205	97	26	70
*SP2GCE	"	12,649	159	14	53
*SP4XQN	14	318,941	1092	34	127
*3Z6V	"	44,267	293	23	80
					(OP: SP6DVP)
*SQ8JLU	"	30,422	273	15	67
*SP9BMH	"	27,200	230	19	66
*SP8OOB	"	11,913	159	10	47
*SP5DRE	"	11,466	134	13	50
*SP9IKN	"	10,759	113	10	73
*SP5AAJ	"	9,828	133	13	41
*SP3ASN	"	4,407	63	11	28
*SP1RW	"	660	22	6	16
*SP4TKR	7	106,362	807	22	92
*SN3X	"	31,208	288	15	68
					(OP: SP3SLA)
*SP1I	"	30,056	146	22	82
*SP4LVK	"	14,076	180	12	56
*SP1GZT	"	1,600	62	5	27
*SQ5NBK	"	999	83	5	32
*SQ9UM	3.7	46,152	660	10	62
*SP4SHD	"	25,668	324	10	59
*SP9UOP	"	23,115	296	11	58
*SP3CYY	"	15,276	202	12	55
*SP9BGL	"	9,700	197	6	44
*SP9HML	"	8,928	178	7	41
*SP1FFC	"	8,415	176	7	48
*SP5BUJ	"	7,680	157	7	41
*SP3PJY	"	5,220	153	5	40
*SQ5IZX	"	2,380	62	6	28
*SP9LAS	"	1,566	47	6	23
*SP5CJY	"	210	27	4	17
*SP2EXN	1.8	6,660	184	6	39
*SN5J	"	6,292	155	5	39
					(OP: SP5JXK)
*SP9DEM	"	506	25	4	19
*SQ1GU	"	432	22	3	21

PORTUGAL

CT1ESV	A	1,324,836	1945	76	248
CT/DL5IC	"	674,216	1975	66	218
CT1AGS	"	124,055	341	50	165
CT1EAT	3.7	54,448	390	14	68
*CT6A	A	2,026,357	2371	105	386
					(OP: CT1CJJ)
*CT1FMS	"	284,748	919	56	188
*CT2HWP	"	134,521	531	42	151
*CT1ESQ	"	72,645	267	41	126
*CT4GO	"	22,875	91	37	88
*CT2FQA	"	100	34	9	23
*CT2FUO	28	2,200	61	8	32
*CT4HA	21	122,482	767	22	72
*CT1ETX	14	38,948	400	19	72
*CT2GSN	7	11,360	120	12	59

ROMANIA

YO5OEF	A	145,116	581	40	134
YO3BL	"	53,457	433	25	78
YO3AK	"	4,959	76	14	36
YO4AYE	"	2,100	61	9	33
YO9HG	"	1,890	51	12	33
YO2RR	21	144,256	795	28	100
YO4NA	14	48,403	363	21	76
YO9WF	"	3,977	69	10	31
					(OP: YO9WF)
YR2V	7	240,024	1334	32	114
					(OP: YO2DFA)
YO5PBF	3.7	61,582	791	13	69
*YO3FRI	A	719,378	1227	92	326
*YO3CZW	"	660,956	1415	79	294
*YO7ARY	"	196,840	600	54	205
*YO2MAX	"	151,443	423	57	180
*YO3CVG	"	103,824	338	53	153
*YO8BPY	"	95,265	322	50	169
*YO5DAS	"	91,140	345	46	171
*YO6ADW	"	86,321	350	53	152
*YO5PAP	"	81,732	334	43	153
					(OP: YO5PAP)
*YO3APJ	"	72,600	289	38	162
*YO9FNP	"	72,240	273	45	127
*YO7LBX	"	66,113	320	40	144
*YO6QT	"	52,320	353	23	97
*YO5TP	"	29,770	193	38	92
*YO6OSC	"	22,791	183	29	78
*YO2LXW	"	22,420	206	28	90
*YO2BPZ	"	20,580	138	25	80
*YO3DLK	"	17,222	136	36	73
*YO9IKW	"	15,808	79	29	75
*YO3CDN	"	8,550	98	19	56
*YO7AWZ	"	6,696	76	24	48
*YO4HTX	"	6,672	189	45	130
*YO4FTC	"	6,463	189	45	130
*YO7LTQ	"	5,346	71	19	47
*YO7LYM	"	3,876	66	16	41
*YO7BGB	"	2,769	75	11	28
*YO2LSK	"	1,656	32	13	23
*YO2IS	28	17,860	186	16	60
*YO4ATW	"	7,560	170	10	30
*YRØHKW	"	1,716	36	9	17
					(OP: YO3HKW)
*YO3JW	21	166,698	999	28	98
*YO3AIL	"	38,934	203	24	79
*YO4SI	"	15,456	154	17	52
*YO9CXE	"	1,634	49	9	29
*YO9CWY	14	40,678	358	17	69
*YO3GSM	"	3,720	94	9	31
*YO7LFV	7	95,551	779	19	88

SARDINIA

IMØ/IKØFMB	A	463,335	1279	55	182
ISØ/WHØQ	21	537,016	2274	32	120
*ISØGRB	A	98,778	422	34	168
*ISØXDA	"	11,248	83	24	50
*ISØ/K7QB	1.8	46,079	628	9	62
					(OP: IN3QBR)

SCOTLAND

GM7V	A	3,054,301	3808	124	475
					(OP: GM4YXI)
GMØF	"	2,175,762	3069	98	400
					(OP: GM4AFF)
MMØDXH	"	20,458	180	23	83
GM3WOJ	21	300,144	1657	27	121
GM6TVR	"	71,936	312	25	103
MMØXAU	3.7	11,772	216	8	46
*GMØIIO	A	326,352	858	57	255
*GM4JYB	"	124,430	410	41	189
*GMØOPS	"	123,327	568	30	183
*GMØFGI	"	48,506	315	27	131
*GM/SQ6LJA	"	16,368	186	18	70
*MMØDHQ	"	7,008	95	17	56
*GM7TUD	21	47,955	238	24	91
*MM/K5AYO	14	10,808	76	24	32
*MM3XXW	"	3,902	78	10	29

SICILY

IT9ESW	A	1,248,000	2174	87	297
IU9A	"	746,708	1882	66	212
					(OP: IT9SSI)
IR9Z	"	194,549	571	58	199
					(OP: IT9VCE)
IT9ZMX	28	184,899	1062	30	113
IT9YVO	"	45,084	492	20	58
*IT9YAO	A	149,730	567	51	159
*IT9ZVJ	"	63,705	249	42	113
*IT9XTP	"	6,600	84	14	36
*IT9IMJ	"	4,275	84	23	52
*IT9RJE	14	3,854	68	11	36
*IT9YSW	7	828	25	8	20

SLOVAK REPUBLIC

OM3PC	14	172,128	707	28	104
OM7M	3.7	214,776	1635	21	93
					(OP: OK2BFN)
*OM4DN	A	308,850	834	49	241
*OM5NL	"	304,624	659	63	253
*OM6AL	"	89,816	423	37	169
*OM7AG	"	89,232	396	40	168
*OM5UM	"	71,060	355	37	150
*OMØATP	"	44,354	299	22	112
*OM7AT	"	20,854	125	20	72
*OM7YC	"	16,275	143	26	79
*OM4DA	"	13,916	152	19	79
*OM1TD	"	10,248	97	20	64
*OM3TLE	"	7,332	105	20	58
*OM4KK	"	5,755	56	23	38
*OM5FA	28	54,600	471	21	84
*OM7AB	3.7	36,335	557	10	55
*OM6TX	"	6,439	138	5	42
*OMØTT	"	1,169	37	6	26
*OM4APD	"	880	40	3	19

SLOVENIA

S5ØA	A	5,418,576	4179	142	536
S59AA	"	155,116	305	75	172
S53XX	"	138,060	605	40	140
S52QM	"	85,172	336	46	153
S58D	28	260,304	1314	27	105
S5ØR	21	475,209	1564	36	135
S57AL	14	925,106	2800	39	143
S5ØK	"	794,034	2404	39	147
S53M	"	359,240	1282	33	107
					(OP: S51FB)
S59ABC	"	157,077	905	26	67
					(OP: S57VG)
S52W	"	151,256	736	35	113
S53F	7	697,288	2167	37	135
S51NZ	"	97,090	919	18	77
S57M	1.8	86,728	1108	10	64
*S51F	A	1,005,480	1258	99	391
*S57U	"	891,594	1226	91	383
*S52OT	"	670,236	996	89	315
*S53QD	"	246,740	493	59	233
*S57J	"	234,300	697	47	166
*S52OW	"	114,444	403	45	142
*S52OA	"	20,787	172	26	97
*S56RGA	"	5,985	85	14	49
*S57S	28	93,603	587	24	99
*S5ØDX	"	3,280	60	9	31
*S5ØL	21	165,647	647	32	119
					(OP: S59MA)
*S58V	"	118,125	632	29	96
*S57RTH	14	78,715	645	20	71
*S58L	"	57,600	422	20	76
*S56T	"	4,662	81	8	34
*S54A	7	103,251	648	26	101
*S56ZVD	"	1,395	62	5	26
*S55O	3.7	79,728	873	14	74
*S58MU	"	16,695	312	6	47
*S56ØL	"	15,254	308	6	52
					(OP: S55Z)

SPAIN

EA4KR	A	3,815,724	3627	115	433
EA4KD	"	2,721,325	2726	113	434
EA3OR	"	405,840	676	81	275
EA3DUM	"	377,136	961	58	185
EA1JO	"	138,846	376	53	166
EC7AMT	"	79,629	243	56	153
EB1EWE	"	60,417	259	36	111
EA5GMA	"	26,112	211	20	76
EA5AFF	"	19,920	82	39	81
EC1DLW	"	13,068	151	31	77
EA4DXP	"	10,332	73	25	38
EA7JB	"	7,169	45	29	38

EA1DB	"	4,655	46	19	30
EA1EJ	"	2,530	45	9	37
EA7HW	"	1,978	29	17	29
EA1JJ	28	29,799	298	17	60
EA1FDI	21	644,520	2253	35	129
EA7HBP	"	392,768	1443	33	119
EA5ON	"	188,013	795	32	115
EA4AID	"	104,610	761	26	84
EA1EXE	"	61,040	488	26	86
EA3ATM	7	62,424	335	21	81
EA1KY	"	40,716	357	20	67
EA1CNV	3.7	55,514	439	12	70
EA7ATX	"	48,544	404	12	62
EA1DVY	1.8	5,474	123	6	40
*EA1WS	A	881,992	1465	68	260
*EA4DAT	"	423,640	1206	65	215
*EA3AKA	"	376,488	986	65	259
*ED5FKQ	"	373,744	679	75	254
					(OP: EA5FKQ)
*EA3AGB	"	363,916	788	70	247
*EA7AA	"	309,408	704	65	228
*EA3GEO	"	305,550	850	50	160
*EA7IA	"	273,439	576	65	206
*EC7ANC	"	251,160	469	71	209
*EA1AJV	"	173,864	505	50	156
*EA7TN	"	148,480	528	42	190
*EA5GQM	"	144,281	297	64	159
*EA5ACO	"	141,693	441	47	172
*EA1YR	"	126,266	384	46	157
*EA7CWA	"	125,721	321	62	167
*EA1CNF	"	112,833	291	47	142
*EA1BLI	"	94,850	418	47	128
*EB5KBB	"	82,894	248	46	145
*EA1AST	"	75,250	322	39	136
*EA4TX	"	68,303	185	51	116
*EA7BB	"	66,341	185	48	115
*EA5EVC	"	65,598	304	39	135
*EA7FIQ	"	65,403	216	50	119
*EB1GCA	"	62,181	292	36	111
*EA1EWC	"	61,944	239	42	132
*EC2AWD	"	61,464	302	34	122
*EA1AUS	"	55,068	186	46	110
*EA1OT	"	54,849	240	39	102
*EA7NW	"	53,328	156	53	123
*EA1CMP	"	52,514	259	36	118
*EA1BGV	"	52,299	309	39	110
*EA5EFU	"	43,540	246	32	108
*EA2AVM	"	43,520	213	35	101
*EA1CRL	"	41,978	249	38	113
*EC1AIJ	"	39,508	189	47	119
*EC5AAB	"	36,162	130	50	97
*EA1GAR	"	34,553	242	30	79
*EA3ESE	"	32,480	228	31	109
*EA5BAH	"	31,932	126	37	87
*EA2CE	"	31,059	158	34	85
*EA7EYQ	"	29,768	149	32	90
*EC4DPC	"	27,376	154	31	87
*EB5FYF	"	26,924	112	36	91
*EA1DKV	"	25,080	167	27	87
*EC1AGO	"	20,200	144	30	71
*EA5FFC	"	19,893	144	18	39
*EC7ANB	"	17,702	114	35	71
*EB5AN	"	16,647	136	25	68
*EC2ADT	"	16,625	187	33	100
*EA5HT	"	16,198	164	12	77
*EA3EYO	"	15,150	133	26	75
*EA4WD	"	14,418	136	23	66
*EA5PS	"	13,221	94	37	76
*EA5JC	"	12,600	106	31	74
*EA7LU	"	10,890	101	21	45
*EA3BAK	"	9,603	153	20	79
*EA7MT	"	8,415	58	25	30
*EC1DMY	"	8,352	99	15	43
*EA3FHP	"	8,120	132	10	51
*EA2BNU	"	7,030	51	31	43
*EA1AQE	"	5,610	56	19	36
*EA1VM	"	4,686	81	19	47
*EC2ADE	"	3,965	54	16	45
*EC2AFI	"	3,744	140	33	84
*EA5FWW	"	3,480	29	19	21
*EC1HD	"	2,928	46	16	32
*EA1AHA	"	2,806	39	16	30
*EA5QB	"	2,747	42	14	27
*EC1AQT	"	2,610	42	17	28
*EA2AP	"	2,580	27	19	24
*EA2CHL	"	1,337	44	6	23
*EC4DEP	"	1,156	41	10	24
*EA7AEB	"	1,120	18	14	18
*EC3DEL	"	754	22	12	17
*EA2CNU	"	748	16	9	13
*EC7DZL	"	286	11	11	11
*EB1HPI	"	100	31	18	29
*EB3EPR	28	62,094	648	16	63
*EA7GV	"	28,836	184	18	63
*EC4AJV	"	26,566	263	15	59
*EA1DOU	"	17,352	146	15	57
*EA1MR	"	10,561	144	11	48
*EA7RM	21	324,576	1131	35	126
*EA3FZY	"	185,136	915	26	88
*EA1YB	"	147,752	581	31	115
*EA5EOR	"	98,420	417	32	101
*EC7AKV	"	95,616	492	28	100
*EA1BIM	"	88,440	336	28	106
*EA7ANM	"	76,320	540	21	75
*EA2BOV	"	70,599	517	20	81
*EA1ASG	"	68,256	290	24	84
*EA5KV	"	63,291	432	19	54
*EA1GY	"	35,145	220	26	73
*EC5AKW	"	1,647	28	11	16
*ED1CBX	14	165,300	748	23	93
*EA7KJ	"	66,300	480	22	78
*EA4UV	"	54,075	343	23	82
*EA1ABS	"	41,490	314	18	72
*EA3CT	"	36,120	309	19	67
*EA1CCM	"	31,840	215	19	61
*EA7FRX	"	18,834	149	17	56
*EC7DDZ	"	17,424	155	17	55
*EA1AAW	"	8,372	144	12	40
*EA5TN	"	4,377	72	8	35
*EC3ACH	"	3,444	66	8	33
*EF2WW	"	3,248	104	5	24
					(OP: EA2RCA)
*EA1AQN	"	1,150	37	7	18
*EC5AQF	"	165	10	6	9
*EA5CGU	7	46,640	366	25	85
*EA1ESX	"	4,505	88	11	42
*EA7HE	"	2,436	55	8	27
*EA1DZL	"	1,271	39	6	25
*EA4AFP	"	704	18	7	15
*EA5DIT	"	89	7	3	3
*EA4ENF	3.7	13,420	185	9	52
*EA1HP	"	4,080	92	5	35
*EA1ASC	"	1,880	79	7	40

SWEDEN

SM5Q	A	670,993	1001	88	336
8SØC	"	167,528	281	72	272
					(OP: SMØMPV)
SM6FJY	"	162,676	554	50	202
SI3A	"	86,680	320	43	154
					(OP: SM3LIV)
SM7C	"	65,880	225	40	140
					(OP: SM7CFZ)
SM7BJW	"	51,960	222	32	88
SD3A	"	43,160	236	41	125
					(OP: SM3FJF)
SM7CQY	"	42,300	197	34	107
SM7E	"	32,996	132	43	103
					(OP: SM7BHM)
SKØCT	"	9,263	100	18	41
7S6R	"	7,500	67	25	50
SM5CEU	21	143,685	531	29	126
SM6WET	3.7	2,460	40	9	32
*SM3SJN	A	50,370	293	29	117
*SM7YGZ	"	48,764	252	29	117
*SM2KAL	"	42,700	247	32	108
*SE5S	"	37,152	204	26	118
					(OP: SM5XSH)
*SM7UQH	"	36,179	209	27	94
*SMØBDS	"	35,140	210	31	109
*SM7XFD	"	30,806	119	50	96
*SM7CWI	"	17,172	123	29	77
*SE6C	"	14,014	124	24	74
					(OP: SM6CDN)
*SM7LZQ/6	"	13,482	99	27	80
*SMØEPO	"	11,000	118	21	67
*SM5AOG	"	8,742	76	26	68
*SA7J	"	8,505	137	14	67
					(OP: SM7XGG)
*SMØFM	"	8,160	67	24	56
*SM5DXR	"	4,896	59	18	54
*SD6DX	"	3,876	94	9	42
*SM1W	"	1,872	43	15	33
					(OP: SM1WXC)
*SA7AIY	"	1,755	60	13	32
*SM5NVF	"	1,638	25	19	23
*7S7V	"	756	18	11	16
					(OP: SM7VZX)
*SM4YPH	"	378	9	6	8
*SM7ATL	28	168	10	4	8
*SMØKV	21	32,190	349	18	82
*SAØQ	14	20,838	245	12	57
					(OP: SMØOGQ)
*SF3E	"	798	23	7	14
					(OP: SM3EAE)
*SK4UW	7	9,512	152	10	48
*SM3AGO	"	112	13	5	11
*SJ4F	3.7	26,928	343	10	58
					(OP: SM4DHF)
*SM5ARL	1.8	2,975	92	4	31

SWITZERLAND

HB9ACA	21	136,080	825	27	81
*HB9TQG	A	666,443	1032	82	339
*HB9AWS	"	247,572	696	50	249
*HB9TSU	"	18,928	146	25	66
*HB9TSA	"	18,603	142	31	86
*HB9QA	"	646	18	6	13
*HB9DHG	21	24,696	223	19	65
*HB9SVT	3.7	780	51	2	18

UKRAINE

US5D	A	2,284,295	3062	116	449
					(OP: UT7DX)
UV5U	"	1,270,816	1628	109	417
					(OP: UX1UA)
UYØZG	"	1,104,414	1658	104	349
UY5ZZ	"	1,097,370	1390	113	421
UR7HTZ	"	398,871	918	76	221
UR6QS	"	318,168	688	69	255
UR5AKU	"	202,032	491	61	215
US5QR	"	192,200	370	76	234
UR2VA	"	190,076	425	61	183
UR5MW	"	177,662	572	68	143
UR7EM	"	169,002	521	51	195
UT6IS	"	154,488	505	53	193
UT5ECZ	"	132,810	422	51	182
UX5UO	"	91,945	340	45	140
US5EEK	"	86,070	299	50	140
UYØLL	"	84,048	168	65	141
UR5ZPV	"	79,680	455	31	135
UT7MD	"	45,436	174	37	111
UU2JG	"	29,700	115	52	98
USØLO	"	13,734	124	28	81
UY2UQ	"	4,620	89	12	43
UW2I	28	110,980	848	26	98
					(OP: UT2IJ)
UT7QL	"	35,340	283	21	74
UU5WW	"	27,225	206	22	77
UX2IO	21	389,130	1607	35	135
US2IOO	"	231,240	1189	34	107
UW5Q	"	186,813	689	32	121
					(OP: UR3QCW)
UW9I	14	501,160	2120	37	133
UT5UML	"	143,380	989	24	83
UXØKN	"	40,680	195	30	90
UT2II	7	183,465	1082	31	104
EO6F	"	89,001	627	20	79
					(OP: UXØFF)
UW5U	3.7	101,650	957	19	76
					(OP: UY2UA)
UT7L	"	43,216	520	14	59
					(OP: UT7GX)
UT7QF	1.8	33,892	443	9	65
UT3SA	"	21,889	405	8	51
*UW8SM	A	709,734	1368	87	330
*US7IA	"	325,803	704	72	250
*UY7MM	"	275,918	739	54	220
*UT1ML	"	270,986	633	66	208
*UT5PY	"	251,160	701	53	246
*UY7IQ	"	243,984	679	53	219
*UR8QR	"	243,552	636	49	209
*UR5ETN	"	170,016	512	53	223
*UT3UZ	"	161,798	426	53	201
*UY5TE	"	144,739	531	41	176
*UX8IR	"	119,685	400	53	184
*USØKW	"	77,027	221	61	136
*UX5EF	"	65,350	292	39	142
*UXØFY	"	64,938	193	44	114
*UY1U	"	57,876	272	46	136
*UY3AW	"	52,136	261	32	120
*UR7GW	"	48,332	144	50	122
*UY5YB	"	18,387	148	15	66
*US6IKV	"	11,027	121	17	58
*UR8IDX	"	9,398	62	27	47
*UY5QZ	"	7,275	56	27	48
*UV5EEO	"	3,364	84	9	49
*UTØFT	"	2,310	43	13	29
*UT5UQN	"	140	10	4	6
*UT1IA	28	4,230	83	10	37
*UR7IKV	21	74,412	552	24	82
*UR6MX	"	26,220	117	23	72
*US7IGF	14	178,875	813	35	124
*UY5L	"	115,920	531	32	108
					(OP: UY5LW)
*UT5KO	"	17,710	156	19	58
*UX8IXX	"	6,345	113	10	37
*UR3PGX	"	1,754	47	7	25
*UT2UZ	7	44,200	305	22	82
*UW2F	"	10,740	152	10	50
					(OP: UTØFT)
*UR7EQ	"	8,632	135	9	43
*UR5NGI	"	6,302	136	7	39
*UX4LA	"	5,184	104	9	39
*UR5KAT	"	660	37	7	23
*UT1KY	"	650	48	5	21
*UR4MKI	"	100	34	7	25
*UR5NKC	"	16	2	2	2
*UZ5UA	3.7	16,306	269	11	51
*UR7HCX	"	8,004	184	8	38
*UT5UPN	"	5,375	121	8	35
*US5ZCW	"	4,633	123	7	34
*UT9MZ	1.8	7,540	136	8	44
*UR5ZLK	"	306	19	4	13

WALES

GW4BLE	A	4,215,978	3620	111	448
GW3NAS	"	1,383,046	2079	100	346
GW3NJW	"	52,578	332	33	105
GW8IZR	1.8	11,956	179	7	42
*GWØTKX	A	91,998	315	43	128
*MW1MDH	"	36,564	228	25	107
					(OP: MW1MDH)
*MWØCWJ	"	22,914	159	27	87
(OP: MMØCWJ)					
*GW3VQO	"	14,872	136	19	69
*MWØRZC	"	12,193	116	25	64
*GW8NBI	"	11,070	139	20	70
*MW5HOC	"	7,644	152	6	43
*GW3YVC	"	2,156	44	12	32
*MWØCRI	21	59,760	368	26	94
*GWØDCK	1.8	7,176	197	4	35
					(OP: GØDCK)

YUGOSLAVIA

YU7BW	A	1,435,616	1861	96	380
YZ1ZA	"	403,774	877	70	232
YT1XN	28	16,530	255	11	46
YT9X	21	747,950	2695	38	137
					(OP: YU1ZZ)
YT7Z	"	525,058	2045	35	131
(OP: YU7SK)					
YT2T	14	910,860	3144	38	152
					(OP: 4N1JA)
YT5J	"	470,815	2248	34	111
					(OP: YU1JW)
YT6NT	"	177,861	1073	25	76
					(OP: YT1NT)
YT7A	7	558,600	2225	37	138
4N6FZ	"	177,636	1211	23	90
YT6A	3.7	410,108	1955	32	116
4N1A	"	207,010	1470	23	104
					(OP: YU1BV)
4O5A	1.8	87,840	1060	12	68
					(OP: YU7AV)
*YT5S	A	126,126	572	35	119
*YU7LS	"	95,526	396	38	141
*YT1NN	"	73,138	343	42	152
*YU1ADO	"	61,787	368	34	103
					(OP: YU1SZ)
*YU1EQ	"	45,024	248	36	98
*YZ6AMD	"	19,000	158	23	72
*YT6ZMG	"	3,570	88	16	54
*4NØW	21	322,321	1453	35	122
					(OP: YT7AW)
*YU7KM	"	29,926	192	22	69
*YU7ZZ	14	323,850	1621	33	117
*YU1HFG	"	133,812	939	26	92
*YU7YZ	7	31,328	263	16	72
*YT1VP	3.7	71,368	744	17	71
*YT8W	"	46,096	671	10	57
					(OP: 4N1KW)
*YZ8A	"	18,483	254	8	53
					(OP: YT1AA)
*YU2B	"	12,600	156	11	52
*YT1YV	"	6,762	157	6	40

OCEANIA

AUSTRALIA

VK4CZ	A	1,852,200	2015	116	227
VK4IU	"	221,000	420	69	131
VK3AVV	"	89,088	277	46	82
VK3KE	"	79,310	259	62	92
VK2APG	"	56,980	305	29	48
VK2BCQ	"	52,704	190	46	62
VK2IT	"	18,172	99	36	41
VK2TZA	"	8,556	68	26	43
VK4LAD	"	575	22	11	12
VK6DXI	21	2,241	30	6	21
VK8AA	7	175,236	728	31	71
VK3FY	"	2,444	48	13	13
*VK3TZ	A	177,219	348	75	128
*VK2BJ	"	38,497	134	58	79
*VK4VCC	"	24,024	132	40	48
*VK2ZEN	"	9,052	71	25	37
*VK2BPL	"	8,976	70	33	35
*VK2MIC	"	4,416	50	20	26
*VK4XES	"	3,528	46	18	24
*VK2WL	"	920	19	11	12
*VK4EJ	21	109,336	517	26	53
*VK4DMP	14	44,732	170	32	74
*VK8AV	7	4,320	50	16	24
*VK5UE	"	273	10	7	6

EAST MALAYSIA

9M8YY	28	192,685	753	26	63
					(OP: JR3WXA)
*9W6RAY	28	1,408	35	9	13

GUAM

WH2X	21	37,583	274	23	36

HAWAII

AH7C	A	3,969,784	4040	122	242
KH6FI	"	329,670	744	67	95
KH7CC	"	57,385	237	54	61
KH7Q	14	1,137,913	2763	37	112
					(OP: N6TJ)
KH7X	3.7	280,023	1133	28	65
					(OP: KH6ND)
AH6JR	"	18,720	187	16	24
KH6ZM	1.8	45	3	2	3
*KH6/NØCO	A	30,628	161	34	42
*KH6GMP	"	752	21	8	8
*NH7PE	28	706	19	6	8

INDONESIA

YC1TJ	A	154,682	354	58	120
YBØWWW	"	35,805	149	31	62
YBØIR	"	34,056	132	34	65
YB1BS	14	45,120	175	26	70
YB1YG	"	10,730	89	19	39
YB1AR	7	35,364	215	25	59
YBØA	3.7	2,871	48	13	20
*YB4IR	A	456,960	757	77	163
*YC1UGK	"	122,932	352	46	100
*YB1TC	"	116,263	409	41	78
*YBØKYM	"	91,859	389	25	72
*YBØEIN	"	60,840	184	44	76
*YB1UUN	"	60,450	173	48	82
*YC9WZJ	"	59,969	282	34	57
*YB3DIK	"	22,446	155	28	47
*YC6JRT	"	22,184	93	37	57
*YCØMJY	"	1,512	32	15	21
*YBØCOU	"	1,287	20	16	17
*YC3BDJ	21	579,410	1586	30	100
*YCØNFL	"	70,730	259	29	81
*YCØBCU	"	36,975	202	25	60
*YC1DYY	"	5,875	55	15	32
*YB2ECG	14	11,118	90	20	31
*YC7SKM	7	11,084	50	13	14
*YCØLZH	"	7,524	86	19	38
*YB2VTO	"	3,848	50	17	20

NEW CALEDONIA

*FK8GM	A	295,539	872	48	81

NEW ZEALAND

ZL1BYZ	A	360,599	647	72	139
ZL2UO	"	256,486	375	85	172
ZL1KMN	"	17,200	124	35	45
ZL2DZ	14	28,140	132	26	58
ZL1ALZ	"	21,978	151	24	30
*ZL3AB	A	20,988	89	44	55
*ZL2AWH	"	19,683	112	36	45
*ZL3DW	"	5,760	46	23	25

NORTHERN MARIANAS

*WHØS	A	11,880	117	19	21

PHILIPPINES

DU9RG	A	1,004,111	1265	99	194
DU1IVT	"	648,200	1430	62	113
DU9SS	"	84,535	216	52	93
DU9/NØNM	"	39,729	129	52	71
DU1UGZ	21	66,551	419	22	39
*DV1JM	A	362,781	804	72	101
*DV1JD	"	26,663	184	35	56
*DV1EG	21	45,510	240	26	48
*DV1AV	"	7,498	85	19	27
*DV1JSB	"	6,345	94	19	28

NORTH COOK ISLANDS

*E51QMA	3.7	31,502	308	18	20
					(OP: KM9D)

SOUTH AMERICA

ANTARCTICA

*R1ANC	14	13,365	166	15	18

ARGENTINA

LT1F	A	5,812,478	4486	118	340
					(OP: LU1FAM)
LR1A	"	26,160	152	31	49
LU1HF	28	1,075,545	2584	30	125
LT1A	21	757,372	2009	34	120
					(OP: LU3CT)
LR4E	"	396,760	1284	33	97
					(OP: LW4EU)
LW9ETQ	"	185,416	795	25	61
LQ5H	14	440,572	1556	31	93
					(OP: LU3HS)
*LU1HLH	A	1,998,150	2104	103	247
*LU3MAM	"	395,112	884	55	108
*LU4WG	"	208,998	511	54	99
*LU5EVK	"	92,701	307	50	69
*L4ØK	"	59,875	280	51	74
					(OP: LU6KA)
*LU5CAB	"	41,496	194	49	84
*LW7HT	28	330,964	1270	21	76
*LR2D	"	293,408	1080	22	84
					(OP: LW7DUC)
*LU2EVA	"	136,912	646	20	66
*LW1HDJ	"	101,616	566	20	53
*LW2DX	"	22,513	176	18	29
*LU8SAN	"	11,040	176	18	30
					(OP: LU8SAN)
*LO7D	"	7,456	95	12	20
					(OP: LW1DRH)
*L44DX	21	570,752	1630	29	99
					(OP: LW1DTZ)
*L47D	14	452,738	1251	31	112
					(OP: LU9DAG)
*LU2BA	"	181,288	542	33	91
*LW5ET	"	13,845	120	22	43

ARUBA

P4ØW	A	9,068,480	6173	125	419
					(OP: W2GD)
P49Y	"	1,564,486	3647	33	121
					(OP: AE6Y)
*P4ØA	A	7,660,224	5443	123	373
					(OP: KK9A)

BOLIVIA

*CP8ASF	A	10,868	121	21	23
*CP1FF	21	24,970	198	14	41

BRAZIL

PY2ZXU	A	3,903,496	3474	113	296
PP1CZ	"	1,020,336	1636	64	168
PY5QW	"	395,010	700	74	157
PY2XAT	"	235,710	919	28	69
PY2KP	"	114,144	419	49	74
PY3VB	"	84,348	198	54	144
PY3PA	"	11,970	90	32	31
PY2YU	28	634,502	1530	31	120
PP5AMP	"	572,922	1632	25	101
PP5TR	"	161,880	700	24	71
ZX5J	21	2,312,386	4218	40	157
					(OP: PP5JR)
ZY1A	"	1,041,296	2427	31	120
					(OP: IV3NVN)
PP5NW	14	878,322	2067	36	122
PP5FMM	1.8	10	4	3	3
*PR2A	A	2,179,872	2644	88	236
					(OP: PY2OE)
*PY2SBY	"	966,601	1445	73	178
*PY5DC	"	463,188	1005	59	115
*PY2EJ	"	248,535	716	52	83
*PY3OL	"	153,408	321	58	134
*PY1SX	"	135,024	300	53	141
*PY3DX	"	110,466	292	49	104
*PP5BZ	"	104,895	315	66	119
*PY7VI	"	56,949	196	40	83
*PY2BF	"	40,273	179	35	68
*PY2SHF	"	25,000	109	34	66
*PS8NF	"	7,540	93	21	31
*PY2IQ	"	3,800	40	18	22
*PX2Z	"	2,870	40	17	18
					(OP: PY2UZ)
*PY2SRL	"	1,221	26	14	19
*PY2CX	28	187,153	657	27	82
*PU2MTS	"	68,222	362	20	57
*PY5WH	"	22,715	173	22	37
*PU1KGG	"	15,834	118	17	41
*PY6KY	"	6,519	108	17	24
*PP2PR	"	4,387	77	13	28
*PY1CMT	"	3,708	58	16	20
*PY2BK	"	1,978	66	11	12
*PP5JD	21	581,840	1680	30	110
*PX2T	"	383,760	1212	31	92
					(OP: PY2DN)
*PY3FBI	"	157,113	614	23	76
*PY3SGO	"	51,780	317	17	43
*PP2RON	"	27,984	239	16	32
*PT2BW	"	6,600	60	14	30
*PP5JAK	"	5,428	50	15	31
*PY4CEL	"	420	22	8	12
*PY4PW	14	3,040	37	14	24
*PY2ZA	"	1,728	34	15	21
					(OP: PY2ZA)
*PP5BB	"	780	20	14	16
*PT8CWA	"	15	3	2	3
*PR7DZ	7	55,536	248	21	68
*PY2ZK	"	1,456	26	8	18
*PV8IG	"	748	35	10	24
*PY2VAI	"	648	23	8	16

CHILE

CE4CT	A	2,058,400	2461	105	227
3G1K	"	1,277,462	1660	89	194
					(OP: XQ1KY)
CE3PG	"	398,981	820	63	146
*CE1ECF	A	163,304	498	49	88
*XQ4CW	"	25,481	152	31	52
*CE2WQ	"	17,500	179	32	38
*XQ5CIE	28	10,711	134	14	22
*CA2VDQ	"	2,618	38	13	21
*CA3SNA	"	112	9	8	8
*CE1E	14	40,338	249	26	57
*CE2SQE	"	6	1	1	1

COLOMBIA

HK6KKK	A	2,250,458	2345	111	295
HK3AXY	"	438,110	877	50	143
HK3SVP	21	10	8	6	5
*HK3JJH	A	1,144,056	1458	85	207
*HK6PSG	"	709,630	969	84	206
*HK3BVD	"	631,464	1005	82	167
*HK3SGP	3.7	17,490	132	16	37

ECUADOR

*HC1JQ	A	1,942,744	2146	91	237

FALKLAND ISLANDS

VP8NO	A	27,730	99	41	77

FRENCH GUIANA

FY1FL	A	30,130	112	48	83

GUYANA

8R1EA	21	1,531,887	3667	30	117
					(OP: AH8DX)

NETHERLANDS ANTILLES

*PJ2BVU	28	46,053	417	17	26

PARAGUAY

*ZP5MAL	A	2,076,896	2607	94	234
*ZP8VAO	"	496,218	975	58	133

PERU

OA4WW	A	7,452,256	4982	138	406

SURINAME

PZ5RA	A	3,935,211	3135	107	346

TRINIDAD & TOBAGO

9Y4NZ	14	1,279,278	3095	33	121

URUGUAY

CX6VM	A	3,105,900	2683	108	312
CX2ABP	"	49,968	258	31	41
CX5BW	21	1,441,940	3246	37	133
*CX4DX	28	101,552	428	22	66
*CX4AD	"	101,280	494	20	60
*CX4ABO	"	36,540	254	15	45
*CX7ACH	"	17,600	164	17	27
*CX9DX	21	93,500	512	22	63
*CX1AV	14	71,600	385	22	58
*CX9AU	7	2,706	38	15	26

VENEZUELA

YV1RDX	A	424,490	992	57	113
YV5NWG	"	31,536	157	31	41
4M5R	14	371,525	1835	22	55
					(OP: YV5TX)
*YV7QP	21	14,310	159	16	37
*YY5RED	3.7	6,290	90	11	23
*YW5CQ	1.8	3	2	1	2
					(OP: YV5SSB)

QRP

TI5N	A	753,181	1368	81	172
					(OP: W8QZA)
KA1LMR	"	557,720	597	100	282
DF1DX	"	369,850	736	57	268
JR4DAH	"	269,584	500	84	148
IK5RUN	"	244,584	392	82	262
EA3FF	"	214,383	463	72	227
K8ZT	"	205,689	341	70	183
IZ1ANK	"	154,020	669	55	200
N1TM	"	121,638	263	51	143
EA1TI	"	95,274	326	43	158
SP9RQH	"	92,016	343	48	165
RW3AI	"	84,864	345	44	148
RD4HD	"	80,855	275	40	117
N7IR	"	77,390	209	54	88
VA3DF	"	76,464	221	40	104
EA8IK	"	73,112	179	38	114
RX1CQ	"	64,515	311	38	127
K7HBN	"	57,824	210	37	67
NE1RD	"	54,288	175	48	96
YO4AAC	"	51,246	259	37	111
RZ9IB	"	47,151	213	22	71
UX8ZA	"	43,758	254	34	119
JA2MWV	"	39,160	174	48	62
RL3QR	"	38,634	242	31	106
OK1CBB	"	36,608	254	29	114
SQ2BXI	"	34,080	254	29	131
PE2KP	"	31,590	259	26	104
N8IE	"	31,244	119	30	77
HG5Y	"	24,360	184	21	84
K4JAF	"	23,406	105	33	61
KR1ST/4	"	19,602	98	24	57
VK4HTM	"	16,564	97	35	47
LY2FE	"	15,582	127	27	71
YO2MBA	"	13,992	151	20	68
VE3DRV	"	13,898	79	24	51
W8VE	"	12,024	69	23	49
UW6G	"	10,887	210	10	47
UAØSBQ	"	10,494	98	19	34
US5IND	"	10,038	245	30	119
LA5WNA	"	9,010	96	16	69
GØKTN	"	7,918	90	16	58
2EØZEO	"	7,526	105	14	57
N8XA	"	7,182	132	23	90
NC6A/KH6	"	6,786	71	23	29
UT2AB	"	6,612	91	17	59
IZØCKO	"	6,557	98	21	58
UT5UUV	"	5,544	103	12	44
SP2DNI	"	4,355	78	16	51
W2JEK	"	4,218	44	16	32
PAØFAW	"	4,154	71	15	47
KC9HAV	"	3,600	45	17	23
NF2L	"	3,588	41	20	26
VA3RKM	"	2,964	37	18	20
KC9ECI	"	2,800	50	20	30
PAØRBO	"	2,576	62	12	34
MMØGOR	"	2,494	43	14	29
USØYA	"	1,665	23	15	22
VE9QRP	"	1,088	33	8	9
DL1JB	"	1,026	40	6	21
ON3RR	"	858	37	7	19
K6MI	"	744	19	11	13
PA3GNZ	"	735	32	9	26
SQ8JMZ	"	616	26	7	21
KG6TGI	"	238	10	7	7
YO9GVN	"	135	10	6	9
RW3VZ	"	104	10	5	8
JK1TCV	"	16	2	2	2
UA1CAK	"	10	4	4	4
4X6DK	28	36,098	292	11	35
I5KAP	"	19,241	179	16	55
LW3DN	"	14,144	166	20	44
YO5PCY	"	13,542	222	12	43
YT1V	"	10,168	123	12	50
YO9BXC	"	9,686	149	14	44
WWØWB	"	2,726	40	9	20
JH7RTQ	"	1,178	23	8	11
JA9QOY	"	738	19	8	10
DO1FT	"	266	15	5	9
WBØIWG/3	"	182	11	5	9
LW3DC	21	84,079	414	21	62
PY2HL	"	79,299	384	21	60
YO5OAG	"	69,690	370	22	93
HA7MW	"	47,008	224	25	88
USØYW	"	32,942	259	24	67
US5QSF	"	29,790	193	21	69
YB5AQB	"	27,813	160	22	51
KN5G	"	22,200	146	19	56
WA6FGV	"	16,530	110	18	39
KO1H	"	15,048	92	18	48
KIØG/5	"	13,845	101	19	46
YO5AIR	"	12,932	194	10	51
JR1NKN	"	12,466	126	19	27
7K4QOK	"	10,241	114	20	29
IZ1GJK	"	7,644	131	10	42
SQ4LP	"	7,336	96	13	43
JL3SBE	"	6,794	67	17	26
IN3PEE	"	6,724	109	12	47
IZ8EWD	"	6,440	78	13	43
JL7XBN	"	6,298	76	18	29
OK1AIJ	"	3,219	77	7	30
7N4WPY	"	2,926	36	14	24
DL9GTI	"	1,260	39	4	26
JA1KPF	"	720	18	7	11
JD1/JE1LCK	"	544	72	4	4
YV5IAL	"	220	22	5	6
UT4UWT	"	10	10	4	8
					(OP: UT5UPN)
VE3KZ	14	126,238	379	28	99
VE6EX	"	68,400	436	22	53
PG2AA	"	50,127	370	17	76
SP4GFG	"	47,564	365	20	74
YT15ØCS	"	24,336	392	13	59
					(OP: YT1CS)
IZ1DGG	"	22,411	264	11	62
S56C	"	21,016	218	14	60
HA1ZV	"	16,704	163	15	57
KF8BT	"	14,885	97	18	47
UA1CEC	"	13,847	204	13	48
SP1RFC	"	13,545	185	10	53
G4DBW	"	13,452	191	10	49
VE3IAE	"	13,014	107	17	37
YO8CQM	"	12,480	155	11	49
EA8ARG	"	10,384	74	16	43
S56L	"	10,384	179	12	47
					(OP: S57LX)
SQ3WW	"	8,094	123	9	48
ON3TO	"	3,870	77	9	34
K2HN	"	3,627	56	11	28
9A2EY	"	2,368	45	8	29
M5AAV	"	1,632	51	8	24
RA2FU	"	1,400	40	7	21
M3NDP	"	1,260	44	8	27
DJ1AD	"	375	23	3	12
EP3CQ	"	133	7	3	4
OH2GYT	"	99	9	4	7
LZ7H	"	63	5	4	5
GWØVQR	"	15	3	2	3
					(OP: GØVQR)
OK2BYW	7	46,453	335	19	84
YT7TY	"	44,824	344	19	85
OK7CM	"	32,164	325	12	74
YO5BRZ	"	25,670	257	12	73
SP6T	"	20,418	166	16	67
HA6IAM	"	15,904	198	10	61
SP9W	"	12,638	136	15	56
JH1APZ	"	3,852	52	16	20
TA1HZ	"	2,880	77	9	36
SP4TBM	"	2,849	68	8	29
RK9QWZ	"	1,566	38	5	13
					(OP: UA9QCZ)
LU1VK	"	1,457	36	13	18
7K1CPT	"	6	2	1	2
OM7DX	3.7	33,280	503	8	57
LZ5T	"	16,064	222	8	56
					(OP: LZ3RR)
HA5Ø6IGM	"	684	43	4	15
					(OP: HA6IGM)
K3TW	"	407	20	6	5
IK5WGK	"	325	19	3	14
SP2FNC	"	224	21	3	11
OL4W	1.8	6,820	162	6	38
					(OP: OK1IF)
DL9SXX	"	3,510	93	5	34
G4CWH	"	3,290	96	4	31
YU1RA	"	1,054	29	5	26
SM3C	"	779	46	3	16
					(OP: SM5CCT)

ASSISTED

NORTH AMERICA

UNITED STATES

KI1G	A	3,141,137	1995	127	462
W3UA/1	"	2,220,141	1559	118	421
W1CU	"	1,779,215	1242	116	405
K1BX	"	1,572,232	1247	103	369
N1LI	"	1,512,541	1223	104	357
WB1DX	"	1,260,378	1042	99	342
N8RA/1	"	1,254,987	969	105	372
K2TE/1	"	1,043,128	994	87	317
W1NR	"	971,560	801	105	349
KZ1M	"	818,706	791	90	296
					(OP: W1EQ)
W1EBI	"	576,875	610	80	275
W1HR	"	543,780	557	89	291
					(OP: K1QX)
W1NT	"	530,142	688	74	224
N1RK	"	520,020	582	72	252
W1ZZ	"	423,808	441	86	266
KV1J	"	399,360	500	82	230
KE1IH	"	390,735	508	72	213
KA2KON/1	"	301,840	407	70	210
W1QK	"	286,604	391	69	205
K1TC	"	249,682	357	57	197
K1JC	"	242,088	390	57	174
W1NG	"	217,152	276	78	234
N1API	"	189,210	385	48	162
KI4YY/1	"	170,040	352	61	157
K1FWE	"	165,338	279	55	174
WB1EDI	"	143,871	269	62	159
AA1QD	"	116,025	209	60	161
W1MAT	"	108,924	247	43	131
WO1N	"	84,000	189	47	121
NF1A	"	55,440	157	44	96
WA1ZYX	"	49,395	156	28	83
W1RZF	"	41,250	158	31	79
W6ZF/1	"	31,772	125	26	68
K1RV	"	21,340	88	33	64
K1KD	"	13,926	81	18	48
NE1F	"	7,488	50	32	40
4U1WB	"	3,234	68	14	19
					(OP: AJ3M)
W1RM	"	1,334	21	9	20
K2NG	A	2,206,446	1299	143	519
W1GD/2	"	1,906,208	1249	120	448
W2IRT	"	1,330,483	1037	99	368
W2RD	"	888,536	758	104	335
W2LE	"	723,477	748	80	269
KF2O	"	694,824	600	96	346
K2XF	"	631,800	687	80	271
W2GDJ	"	604,633	622	94	279
K2BX	"	587,265	654	77	252
K2TTT	"	575,168	702	76	276
N1EU/2	"	490,860	463	97	308
N1JP/2	"	490,827	556	75	252
W2LK	"	331,692	469	63	199
N2AB	"	322,385	407	68	237
K2ONP	"	321,912	403	71	235
K2GN	"	302,820	411	72	222
NA2U	"	270,354	352	69	218
KA2D	"	235,872	380	57	177
N2SQW	"	173,888	330	55	153
K2XA	"	130,255	228	69	170
WK2H	"	115,020	249	43	137
NA2NA	"	112,005	239	45	126
W2RZS	"	80,755	217	40	115
					(OP: WB2NVR)
K2SQS	"	71,996	194	44	120
AA2DC	"	62,040	169	36	105
N2NHN	"	49,750	157	37	88
K2DBK	"	48,960	148	41	95
W2YJ	"	46,169	145	46	91
WF2B	"	29,300	116	30	70
N2DWS	"	26,260	99	30	71
N2VM	"	18,336	102	31	65
W2PWE	"	435	11	6	9
KS2G	21	41,366	176	18	68
W2TB	14	159,711	440	28	111
WR2G	"	114,070	345	23	99
WE3C	A	3,831,535	2050	148	547
K3WW	"	3,088,684	1874	129	497
N3AD	"	2,653,068	1732	130	467
AA3B	"	2,009,815	1375	115	426
W3PP	"	1,857,457	1208	129	452
K9RS/3	"	1,487,904	1039	124	404
NN3Q	"	1,339,205	1071	96	365
W3CC	"	1,256,375	887	120	409
W3GM	"	1,223,632	911	111	385
					(OP: K3ND)
N3ZA	"	1,127,805	887	107	360
W9GE/3	"	975,438	834	100	323
KQ3V	"	913,640	764	105	350
N3KS	"	859,950	897	86	265
KQ3F	"	833,728	697	102	346
K3OO	"	675,025	638	94	309
WT3Q	"	571,608	552	94	314
W2UP/3	"	563,124	611	76	258
KW3W	"	538,722	613	81	265
N3AM	"	518,502	606	78	231
W3OU	"	474,025	532	83	252
K3DNE	"	454,280	603	60	217
WA3G	"	378,252	479	82	234
NY3C	"	271,392	399	64	200
N3KN	"	236,844	362	65	193
K3WI	"	218,088	357	60	174
N3ST	"	197,316	392	45	144
W3GNQ	"	138,645	294	52	143
N3KV	"	91,816	204	57	127
N3RW	"	84,992	204	46	120
W2CDO/3	"	61,488	166	42	102
K3MQ	"	55,491	154	51	108
WA3KYY	"	26,964	99	33	74
WR3L	21	53,200	205	24	76
W3/NH7C	7	93,868	317	27	97
W4WTB	A	2,390,284	1559	129	430
K4EA	"	1,502,160	1048	134	435
N4WW	"	1,344,440	918	130	450
K1PT/4	"	1,330,964	962	121	408
N4KG	"	1,209,576	920	122	377
N2TU/4	"	928,620	847	98	322
W3OA/4	"	886,550	820	106	319
K1GU/4	"	753,472	713	93	293
W4MYA	"	608,088	735	70	242
N4PJ	"	556,969	628	74	243
K1KO/4	"	553,196	663	76	246
W4UNP	"	529,869	601	94	253
K4DLI	"	480,080	551	90	250
N4GG	"	333,106	440	85	217
K4CZ	"	311,404	460	65	189
K4LQ	"	275,172	390	70	206
W2OO/4	"	273,676	423	66	181
K3KO/4	"	263,891	328	79	244
K4GMH	"	257,712	419	54	182
N4JF	"	212,014	403	72	181
W4JAM	"	208,330	315	71	180
NF4A	"	203,168	339	65	159
W4FDA	"	202,724	311	65	171
N4TL	"	202,356	364	56	163
KU5B/4	"	199,430	341	65	180
KB4ET	"	190,404	320	70	188
K4NAU	"	183,200	318	63	166
W4IR	"	182,054	296	63	164
N4QS	"	176,115	328	49	150
W3YY/4	"	159,936	273	72	152
ND4V	"	134,919	291	45	126
KU4V	"	128,400	267	64	136
AD4IE	"	119,850	280	43	127
NE4M	"	109,140	257	49	121
W6UB/4	"	101,598	216	51	126
KG4VPC	"	70,468	162	42	116
W4VIC	"	69,825	183	42	105
WW4E	"	66,402	160	49	104
K8NZ/4	"	64,824	173	47	101
N4DWK	"	64,260	156	56	124
W8RJL/4	"	58,930	175	41	101
K4NNX	"	53,851	141	45	112
N4VA	"	43,355	144	30	83
K4XD	"	39,872	147	34	78
KI4TZ	"	34,506	121	41	101
K1ZZI/4	"	31,773	140	21	68
N9JRZ/4	"	22,473	102	36	63
K4RO	"	20,493	93	29	52
K4EJ	"	16,287	79	33	56
KA4OTB	"	14,193	96	30	53
KC4HW	"	5,076	38	17	37
KK3Q/4	"	3,770	45	24	34
W4WLC	"	2,013	33	11	22
N4TOL	"	330	8	7	8
W4CU	21	30,184	143	20	57
W4WR	"	6,027	59	15	26
WD4DDU	14	109,330	311	27	103
W4FEG	"	67,760	247	25	87
KF4GTA	"	52,820	294	22	73
WK4Y	"	51,084	158	28	101
WW4LL	7	93,692	429	24	94
K2PT/4	"	12,045	80	11	44
AA4MM	3.7	44,144	214	19	70
W5ZO	A	638,550	679	105	282
N5JR	"	620,238	680	77	257
K5NZ	"	300,108	423	90	191
NA4M/5	"	253,927	372	80	191
W5GZ	"	225,675	403	72	153
KE3D/5	"	198,900	345	74	160
N5KDV	"	177,870	312	66	165
K5HTE	"	95,370	249	65	122
W5GA	"	50,196	164	51	90
K5EWJ	"	47,436	160	45	89
N5DEE	"	11,470	65	29	45
W9DX/5	21	125,775	405	28	101
KA5M	14	47,553	150	28	93
N5JB	7	92,115	328	27	88
W6TK	A	683,316	774	105	228
N6ED	"	622,875	617	114	261
K6TA	"	544,027	567	103	258
N6QQ	"	454,113	594	73	224
W6FRH	"	297,135	420	95	184
K6ST	"	287,985	448	84	179
K6RIM	"	269,760	372	82	199
N6AJR	"	199,206	416	77	140
N6NG	"	153,062	297	65	138
KZ5OM/6	"	140,976	303	66	112
					(OP: K6III)
N6VH	"	138,367	289	58	121
AE6RR	"	70,641	189	64	103
N6IC	"	69,333	239	37	84
K6GEP	"	54,270	177	52	82
WB6JJJ	"	51,800	143	54	94
N6DA	"	48,783	178	37	64
AK6DV	"	48,636	153	51	75
KG6TT	"	33,578	131	42	61
W6EB	"	25,441	109	42	61
W6SZG	"	18,190	75	43	64
K6GT	"	12,089	62	31	46
N6RO	7	76,100	305	30	70
K7RC	A	1,876,476	1707	137	365
					(OP: KL2A)
WU9B/7	"	440,146	605	87	211
K7BTW	"	218,286	405	59	142
K7KR	"	213,600	299	78	189
K7EG	"	203,592	405	58	146
N6SS/7	"	139,239	287	60	131
W7YES	"	114,767	270	47	110
W6SA/7	"	87,127	224	57	94
NJ7I	"	37,352	131	41	75
N7XY	"	33,600	132	41	59
WA7RR	"	28,688	132	37	51
N6MZ/7	"	25,555	100	36	59
W7WHY	"	3,071	37	16	21
W7IZL	1.8	1,890	160	13	17
WA1PMA/7	"	50	8	3	2
N8TR	A	1,677,780	1061	129	456
WA3C/8	"	1,044,932	884	99	370
AA8LL	"	663,791	694	87	272
N8BI	"	632,814	677	86	280
W8JY	"	469,980	560	83	232
KC8IMB	"	260,848	441	65	173
K6VWE/8	"	258,542	406	69	188
W8MJ	"	191,388	362	76	170
AJ1M/8	"	142,380	285	61	149
W8OHT	"	97,865	225	54	131
KA8PTT	"	63,364	169	42	104
N8KOJ	"	43,053	158	41	86
N8BJQ	"	37,760	124	37	81
K9TRV/8	"	26,793	100	38	79
KJ8G	"	9,945	78	19	46
W8CZN	14	177,045	496	35	130
K3BU/8	1.8	34,419	338	16	61
N2BJ/9	A	1,168,310	1026	103	327
K9IMM	"	734,274	817	85	254
WO9Z	"	481,390	555	78	244
N9ZM	"	430,563	529	81	222
WE9V	"	367,786	442	74	233
W9GIG	"	163,480	263	70	174
KA9FOX	"	151,526	272	73	166
KM9M	"	122,576	269	54	134
WE9R	"	108,329	267	47	122
W9LYN	"	52,624	157	50	93
WW9R	"	44,280	151	43	92
K9DUR	"	42,693	134	41	92
AK9I	"	14,694	79	28	51
K9GY	"	6,660	57	14	31
AD9T	"	1,728	29	10	22
N9MW	14	207,018	523	30	129
KØSR	A	1,066,280	953	112	325
KTØR	"	388,740	515	89	221
WBØHCH	"	356,048	511	81	208
KØKX	"	326,882	452	80	194
N5IN/Ø	"	287,777	364	96	247
K9BWI/Ø	"	224,104	340	87	170
WØLSD	"	174,270	331	68	154
W4RK/Ø	"	160,195	353	67	132
WA2MNO/Ø	"	154,660	316	59	150
KØOB	"	136,451	265	57	136
KØCS	"	92,092	238	58	103
WRØDK	"	65,604	191	47	95
NØAT	"	23,220	91	37	71
KFØGE	"	20,458	108	39	67
NRØL	"	19,608	100	35	51
WØLM	"	18,592	89	30	53
NØBK	"	9,768	57	24	42
KØAD	"	646	14	10	9
KVØQ	14	553,280	1225	38	144
KEØL	"	61,404	227	25	77
KØKT	3.7	29,438	163	22	60

ALASKA

AL2F	A	110,292	495	42	49
AL4T	"	1,479	19	12	17

BARBADOS

8P2K	14	448,500	1470	31	107
					(OP: 8P6SH)

CANADA

VO1MP	A	2,754,529	1962	119	450
VE3/W1AJT	"	890,940	1046	94	278
VB4MWA	"	884,925	2097	72	153
VE9NC	"	502,496	578	77	251
VE1DHD	"	417,726	1005	53	154
VE3ZZ/2	"	409,997	622	65	194
VE7KET	"	299,611	508	74	173
VE3XB	"	280,953	396	78	201
VA3NR	"	262,752	604	63	141
VE2BR	"	246,645	398	65	196
VE4EAR	"	221,556	445	72	150
VA2AM	"	148,750	312	59	179
VE1RAR	"	95,170	262	39	116
VE9FX	"	77,935	200	39	104
VY1MB	"	14,952	282	14	14
VE5MX	"	11,814	70	25	41
VA3SX	"	7,670	77	22	37
VE6JY	14	161,395	365	37	132
VE3MGY	1.8	2,508	245	3	3

MARTINIQUE

FM/K9NW	A	7,238,810	5180	130	459
FM5JC	"	180,894	589	40	106
					(OP: F5JKK)
FM5FJ	14	261,828	907	28	98

MEXICO

XE1MEX	A	286,110	359	91	215
XE2WWW	14	144,942	725	29	73

U.S. VIRGIN ISLANDS

NP2KW	A	507,345	1110	67	160

AFRICA

ALGERIA

7W2W	A	6,855,216	4851	102	425
					(OP: OK1CDJ)

CANARY ISLANDS

EA8BZH	14	43,371	229	21	58
EA8AJO	"	14,940	71	20	63

GAMBIA

C52T	A	1,814,720	1997	70	250
					(OP: GØTSM)

ASIA

ASIATIC RUSSIA

RG9A	A	3,224,853	2146	125	452
					(OP: UA9AM)
UA9SP	"	794,490	762	95	331
UA9CDC	"	752,928	788	85	287
RM9RZ	"	276,192	474	65	187
RA9DZ	"	199,626	432	54	140
RN9XA	"	141,732	243	77	177
UA9KM	"	114,816	327	55	129
RV9YK	"	108,016	308	50	122
RA9KM	"	70,227	215	47	106
RZ9IR	"	57,138	172	62	116
RA9AE	"	52,185	192	30	75
RA9UAD	"	38,178	253	37	64
RA9AC	"	30,208	115	48	80
RU9WX	21	795,663	2092	33	138
UA9XLC	"	12,474	89	16	50
UA9UR	"	4,033	65	14	23
RK9XXX	"	1,334	22	10	19
					(OP: UA9XC)
RT9W	3.7	161,727	700	17	76
					(OP: RX9WR)
UAØSE	A	357,632	756	84	172
RWØUM	"	145,000	570	49	96
UAØSC	"	85,888	293	58	118
RAØANO	"	1,426	28	14	17
UAØZAZ	"	140	7	7	7

ASIATIC TURKEY

TC2T	21	224,510	793	26	84
					(OP: TA2MW)

CHINA

BD1DRJ	A	328,105	884	65	146
BA4DW	21	114,425	505	31	84
BA4RF	3.7	57,840	422	24	56

INDIA

VU2PTT	A	79,728	207	54	122

JAPAN

JF2SKV	A	808,758	1124	100	206
JH8SLS	"	350,672	564	85	163
JR3NZC	"	137,632	287	67	117
JA1MZM	"	117,780	299	63	93
JA3PYC	"	80,454	212	60	99
JG7AMD	"	49,220	189	47	68
JG2REJ	"	36,276	143	43	70
7K1PTT	"	29,040	130	49	61
JH1GUO/4	"	16,810	109	36	46
JA1IZZ	"	10,112	67	33	46
JH4UTP	28	4,256	63	13	19
JL3VUL/3	21	134,676	490	35	85
JL3MCM	"	3,952	51	15	23
JN3DSH	14	29,565	148	28	53
JL1ANP	"	3,905	47	14	20
JAØFVU	7	14,818	100	21	41
JI1ALP	"	2,784	35	15	17

KAZAKHSTAN

UN9L	A	795,652	1077	87	251

KYRGYZSTAN

EX8MAT	7	17,615	155	15	50

TAJIKISTAN

EY8CQ	A	104,949	255	52	117

THAILAND

HSØZDX	A	103,362	216	63	151
E2ØPFE	14	3,588	58	16	23

WEST MALAYSIA

9M2CCO	A	18,414	107	38	55

EUROPE

AUSTRIA

OE2G	A	11,990	108	19	36
					(OP: OE2BZL)
OE1KDK	21	62,799	285	28	93

BELARUS

EU2MM	14	27,839	188	23	74

BELGIUM

OT1A	A	1,496,850	2041	92	333
					(OP: ON4CCP)
ON6LR	"	263,110	417	82	235
OR4K	"	161,460	505	46	188
ON4BHQ	"	70,281	246	42	129
ON4TTT	"	16,320	148	18	62
ON3MAX	"	3,364	64	15	43
ON4WW	1.8	108,880	1221	11	69

BOSNIA-HERZEGOVINA

T96C	A	936,491	1388	97	340

BULGARIA

LZ8A	A	98,604	390	50	148
					(OP: LZ2BE)
LZ2ZG	"	38,982	131	46	100
LZ7J	28	38,106	385	20	67
					(OP: LZ1RGT)

CROATIA

9A3GI	A	153,374	514	44	177
9A3KS	"	67,996	244	43	135
9A7D	14	444,682	1780	36	125
					(OP: 9A3HX)

CZECH REPUBLIC

OK1KT	A	964,516	1137	114	418
OK2FD	"	855,570	830	118	452
OK7Y	"	471,580	897	78	302
					(OP: OK1FDY)
OK1CO	"	306,590	724	62	248
OK2BEN	"	174,482	614	44	198
OK1BOA	"	117,056	380	52	184
OK2ZC	"	81,253	239	50	143
OK1FHI	"	61,710	205	47	140
OK4DZ	"	45,240	222	37	119
OK7M	14	786,227	2209	40	157
					(OP: OK1DIG)
OK1TP	1.8	37,510	673	9	53

DENMARK

OZ1FAO	A	27,270	144	38	97

ENGLAND

G4PWA	A	1,804,725	1424	119	466
G3TBK	"	380,422	505	80	326
G3SVL	"	158,268	429	51	191
MØUNI	"	14,490	129	17	53
GØVXE	14	126,585	621	33	112
GØVDZ	1.8	2,405	92	5	32

ESTONIA

ES6Q	14	360,510	1191	38	145
ES5RW	7	178,560	953	31	113

EUROPEAN RUSSIA

RW3WWW	A	2,066,237	2470	112	465
RD4WA	"	962,724	1338	108	363
RA3DNC	"	444,385	1003	70	235
RK3QS	"	248,688	726	54	210
RW3DD	"	189,810	341	76	266
UA4CCC	"	187,093	586	53	176
RU3LA	"	159,809	496	64	183
RW4PL	"	135,952	259	80	213
RX6LD	"	121,095	386	46	161
RA3LZ	"	109,836	356	50	176
RV3ZQ	"	67,704	217	39	143
UA3OQ	"	51,256	229	42	130
RA6YY	"	28,890	100	40	67
RZ3ARO	"	22,356	149	31	77
RX3VF	"	15,390	127	20	70
RA3VE	"	12,546	109	22	60
RA3NZ	"	9,483	63	25	62
UA6YIU	"	4,850	76	12	38
UA6ADC	"	3,417	40	13	38
UA3MNB	"	2,318	23	17	21
RW6FO	"	1,431	43	8	19
RA3VR	"	1,131	42	1	0 29
RA4SD	"	676	21	9	17
RN3GM	"	96	4	4	4
RU4AO	"	50	20	10	15
UA3BS	21	225,549	844	33	138
RL3BM	"	205,076	778	33	134
RN3QO	14	279,049	1082	38	135
UA3VJV	"	10,692	154	11	43
RU6LA	7	357,696	1425	35	127

FINLAND

OH6NIO	A	1,249,236	1318	104	434
OH6DX	"	434,721	478	100	389
OH1MM	"	112,240	256	54	190
OH2BJ	"	90,404	312	54	179
OH8L	14	867,620	2519	38	150
					(OP: OH8LQ)
OH7M	"	769,986	2316	39	150
OH2BO	1.8	11,100	174	9	51

FRANCE

TM7F	A	3,373,290	3209	113	442
					(OP: F6GLH)
F6BNH	"	504,315	819	69	246
F8CMF	"	176,697	369	62	199
F5IN	"	167,328	351	69	219
F1RKF	"	117,992	257	63	133
F1TIM	"	35,772	207	30	102
F8CGL	"	30,257	268	17	62
F4ABQ	"	910	41	9	26
F5PHW	"	480	15	11	13
F8AKC	28	18,768	260	12	56
F1EBN	3.7	21,320	303	8	57

GERMANY

DJ4AX	A	4,584,400	3060	146	584
DJ8OG	"	3,064,020	2460	138	549
DJ2YA	"	2,824,640	2068	132	547
DLØWW	"	2,185,484	1734	135	488
DHØGHU	"	838,880	1121	92	398
DL5KUT	"	783,591	1054	83	364
DK1QH	"	740,792	1165	82	337
DF5ZV	"	673,000	866	103	397
DD5M	"	667,520	911	90	358
					(OP: DJØZY)
DL8DAZ	"	596,942	905	89	348
DJ3WE	"	560,300	1084	77	354
DL1RG	"	540,570	934	71	299
DJ9MH	"	484,812	697	83	319
DJ4PI	"	412,455	490	100	365
DL7ON	"	347,852	520	86	312
DL2UH	"	345,840	681	75	318
DL4RCK	"	317,170	429	80	314
DL8AAM	"	293,280	729	55	257
DJ6OZ	"	287,625	625	62	263
DL2OBO	"	266,328	538	65	178
DL2RMC	"	251,034	474	67	234
DK8NC	"	232,645	556	57	232
DF1QQ	"	199,920	501	58	236
DC4A	"	161,550	376	58	167
					(OP: DL4NAC)
DL8ZAJ	"	150,255	410	55	210
DL1GDS	"	148,512	408	43	195
DL8YR	"	114,271	376	45	184
DM2SR	"	105,648	344	49	164
DL4YAO	"	99,990	290	51	151
DK4WF	"	70,447	257	46	151
DJ9KM	"	56,772	143	52	119
DH1AD	"	46,620	128	56	92
DC8QT	"	32,805	203	28	107
DL3YA	"	29,120	156	30	74
DG9MDM	"	27,588	126	36	96
DG1DRS	"	21,780	176	23	87
DK6RS	"	21,712	96	40	78
DL3APM	"	21,000	92	38	82
DL3EBX	"	19,367	155	18	89
DL8ZVG	"	14,664	124	28	76
DC2VE	"	7,448	104	17	59
DL4KUG	"	6,490	105	8	51
DL5SVB	"	5,400	70	15	45
DL2KUF	"	3,800	39	15	35
DL4KBB	"	442	23	7	19
DL1NUX	28	15,096	136	12	62
DP9Z	21	594,396	1579	37	161
					(OP: DF9ZP)
DL4KW	"	19,355	147	17	62
DM3PKK	"	4,182	46	15	36
DL2ARD	14	1,027,984	2683	38	150
DL2YL	"	579,020	1961	39	131
DF2UU	1.8	30,624	531	7	59
DL1RWN	"	19,942	374	7	52
DF8AA	"	3,471	90	5	34

GREECE

SV1DPI	A	37,224	195	42	99
SV1BDO	"	32,900	183	37	103
SV1NK	14	51,409	354	23	78

GUERNSEY

GU6RWD	A	94,880	457	34	126
GU4EON	"	20,349	149	26	93

HUNGARY

HA6M	A	137,700	471	49	176
					(OP: HA5PT)
HG3M	14	880,372	2909	39	155
					(OP: HA3MY)
HG1A	"	189,874	1130	33	106
					(OP: HA1ZN)

IRELAND

EI9ES	A	40,672	289	23	101
EI6CPB	7	11,780	181	10	52

ITALY

IR4M	A	5,604,740	4167	151	559
					(OP: IK4MGP)
IR4T	"	4,847,472	3866	150	537
					(OP: I4UFH)
IZ2FOS	"	1,637,635	2075	103	432
IZ7GWZ	"	1,087,653	1806	95	248
IK3SCB	"	605,143	1297	68	251
IK1JJM	"	281,082	870	61	176
IQ6FU	"	85,488	281	50	158
IV3MGN	"	72,982	320	41	141
IZ4AFW	"	41,199	183	27	66
IW3BAS	"	31,878	243	26	100
IWØHBY	28	99,684	778	24	84
IZ5ASZ	"	3,195	53	11	34
IC8FAX	"	735	34	5	16
IV3JVJ	21	220,632	737	37	137
IZ5CML	"	199,206	708	33	120
IW7EFC	"	187,124	758	33	131
IZ5DKG	"	74,970	250	32	115
IU3X	14	673,466	2052	38	153
					(OP: IV3HAX)
IR3Z	"	354,960	1376	38	132
					(OP: IN3XUG)
IR8C	"	290,394	1400	31	115
IW2MWZ	"	15,825	172	17	58
IO3Z	7	332,046	1569	31	112
					(OP: IV3ZXQ)
IQ8EB	"	39,396	353	18	80
IC8POF	3.7	62,062	576	15	76
IR1R	1.8	44,170	623	9	61
					(OP: IK1HJS)

LATVIA

YL9T	A	690,801	1344	82	327
					(OP: YL2TW)
YL2IS	"	600	18	13	17

LITHUANIA

LY8O	A	2,552,094	3058	125	441
					(OP: LY1PM)
LY1R	"	643,709	1097	88	333

LUXEMBOURG

LX7I	A	4,695,376	3613	146	596
					(OP: LX2A)

MOLDOVA

ER1FF	A	5,412	122	6	38
ERØND	14	645,150	1948	39	148
					(OP: UT7ND)

NETHERLANDS

PI4TUE	A	352,065	792	52	193
					(OP: PC5A)
PA3C	"	244,822	467	69	265
PAØKHS	"	133,371	555	40	179
PH3BDJ	"	107,322	436	38	148
PE1FTV	"	52,909	305	31	126
PA5O	"	48,960	202	40	113
PE4BAS	"	11,776	104	26	66

NORWAY

LA2OKA	A	44,840	247	34	118
LA5UJ	"	8,892	100	11	41

POLAND

SQ9IDE	A	485,826	975	69	305
SP6RLK	"	313,608	526	76	282
SP3KCL	"	174,244	520	58	196
					(OP: SQ3LLR)
SP4Z	"	105,728	311	64	160
SP5XO	"	104,060	406	42	178
SP4PSU	"	69,973	338	38	129
					(OP: SP4OZ)
SQ5MGG	"	67,774	311	34	172
SP1S	"	25,058	116	42	92
SP8QED	"	22,848	157	31	88
SP9KJU	"	9,120	73	26	50
SQ9IWS	"	8,640	127	14	50
SP1RKT	28	24,402	235	17	66
SQ8LSC	"	984	19	8	16
SN1X	21	250,826	922	35	131
					(OP: SP5XVY)
SP8IMG	"	247,828	973	34	133
SP8BRQ	14	725,036	2115	39	152
SP3GXH	"	98,704	406	28	96
SP8TJU	"	69,716	400	28	88
SP1GZF	7	30,870	334	21	77
SQ7FPD	"	23,040	394	8	52
SP5ABB	1.8	2,275	81	5	30

ROMANIA

YO4RST	A	141,525	466	45	180
YO3CTK	"	137,004	349	61	172
YO8BFB	"	24,750	184	24	75
YO7LKO	"	5,346	84	24	57
YO6EZ	"	5,208	75	16	40
YO9GJX	"	403	28	12	19
YP3A	21	573,846	2187	37	145
					(OP: YO3GDA)
YO4RIU	14	403,712	1616	37	129
YO4AB	"	86,394	498	26	95
YO3III	1.8	56	7	2	6

SCOTLAND

GMØDBW	A	85,065	435	31	128

SICILY

IT9ORA	A	11,696	97	25	61

SLOVAK REPUBLIC

OM7PY	21	44,652	216	27	95

SLOVENIA

S57DX	A	3,828,697	3499	139	534
S51DX	"	149,872	497	46	186
S58P	28	206,733	1124	27	110
S52ZW	21	676,236	2008	38	150
S53O	14	618,878	2283	37	132
S51CK	7	175,763	1378	26	93
S57UN	3.7	151,298	1149	18	89
S58M	"	139,360	1275	20	84

SPAIN

EA7RU	A	2,125,983	1939	109	428
EA7OT	"	776,000	1047	88	312
EA5BY	"	562,244	744	86	281
EA3CHZ	"	433,610	887	73	258
EA5YJ	"	416,008	1037	68	230
EA5FID	"	332,766	556	64	202
EA1WX	"	289,520	960	35	105
EA3LF	"	272,935	417	96	227
EA5BWR	"	165,170	518	44	155
EA4TA	"	141,010	419	54	185
EC4CIY	"	62,511	221	53	148
EC5ANF	"	61,019	222	43	118
EA4DLX	"	28,764	202	31	71
EB2CYQ	"	22,987	192	32	95
EA1DBC	"	14,616	98	24	60
EA1FBJ	"	4,860	89	15	45
EC2AUD	"	756	23	8	19
EA1BFZ	28	39,000	352	16	62
EA1ACP	21	160,805	575	31	114
EA1DAX	"	14,112	89	19	53
EA1CUB	14	199,268	1003	30	94
EA1APV	"	196,131	872	33	108
EA1CS	"	93,692	602	26	92
EA7TV	7	24,765	172	19	67
EA2CLU	3.7	88,825	597	18	77

SWEDEN

SA5D	A	456,785	793	75	346
					(OP: SM5DJZ)
SM3PZG	"	368,856	862	63	264
SA1A	"	33,891	197	33	110
					(OP: SM1TDE)
SEØW	"	21,120	141	28	68
					(OP: SMØNJO)
SM4FYX	"	627	38	8	25
8S4S/6	28	874	50	4	15
					(OP: SM6U)
SM6YOU	21	41,600	255	23	77
SM6U	14	290,500	972	37	129
7S5C	"	30,960	216	18	68
					(OP: SM5CBM)
SJ2W	1.8	14,363	265	8	45
					(OP: SM3WMV)

SWITZERLAND

HB9FBS	7	53,975	428	17	68

UKRAINE

UZ7U	A	3,406,032	3392	135	519
					(OP: UT3UA)
UT6EE	"	325,080	634	67	248
UT5UKY	"	5,103	63	16	47
UR6IJ	28	2,688	41	9	33
UR4MRD	14	304,920	1460	34	120
U5WF	7	60,876	396	22	92

WALES

GWØGEI	A	891,737	1540	83	324
GW3YDX	21	79,134	390	25	96

YUGOSLAVIA

YU9VK	A	209,342	605	55	211
YU7WI	"	136,875	504	50	169
4O2A	21	706,140	2531	36	144
					(OP: 4N1SM)
YZ2A	14	974,826	3059	40	146
					(OP: YZ1AU)
YT1BB	"	768,626	2787	40	139
4N8A	7	583,038	2418	35	127
					(OP: YU1EA)
YZ5Ø0A	3.7	102,704	1100	17	81
					(OP: YU7CM)

OCEANIA

AUSTRALIA

VK2ATZ	A	27,234	125	41	61
VK2KRM	"	3,828	55	25	33
VK1AA	"	1,820	28	15	13
VK4NEF	21	54,780	322	23	43
VK4AN	3.7	1,827	42	14	15

EAST MALAYSIA

9M6DXX	A	2,423,424	2289	115	269

GUAM

KG6DX	A	1,611,668	1706	117	229

HAWAII

WH6O	A	23,177	112	36	41
KH7U	21	791,440	2735	31	73
KH6RZ	14	676,022	2205	35	83
					(OP: W6YM)
KH6/AF7DX	3.7	14,976	119	19	29

INDONESIA

YC3MM	A	117,710	271	48	110

NEW ZEALAND

ZL4PW	A	461,745	629	98	181
ZL4AS	"	13,692	85	36	48
ZL3WW	7	31,875	254	21	30

PHILIPPINES

DU1IST	A	835,625	1714	77	114

COCOS-KEELING

VK9AA	21	1,307,339	3026	35	122
					(OP: VK2IA)

SOUTH AMERICA

ARGENTINA

LU8YE	A	2,889,881	2984	117	272
AY8A	"	2,806,558	2523	105	304
					(OP: LU8ADX)
LR1F	"	764,712	1262	66	162
					(OP: LU5FD)
LU2EE	"	746,505	1089	78	187
					(OP: LU3DR)
LU1BJW	"	203,580	509	55	90
LU4DX	14	619,680	1439	35	125

BRAZIL

ZX2B	A	5,846,880	3881	124	396
					(OP: PY2MNL)
ZX7A	"	644,652	1050	65	189
					(OP: PS7TKS)
PR7AB	"	387,684	826	56	142
PR7AF	"	273,686	468	62	164
PY5ZD	"	94,887	326	35	82
PY2BRZ	"	22,072	120	36	53
PR7AP	"	16,800	104	36	64
PY3CAL	"	2,294	48	14	17
PY2MTV	28	81,291	428	19	60
PY2XC	"	38,628	203	20	54
PY5TJ	"	1,400	23	13	15
PY5IO	"	836	47	17	27
PY2NDX	7	42,330	197	26	76
PY2DY	"	20,664	126	21	63
PR7AR	3.7	750	26	9	16

CHILE

CE3BFZ	A	2,187,204	2174	105	257

MULTI-OPERATOR SINGLE TRANSMITTER

NORTH AMERICA

UNITED STATES

K1KI	5,832,536	3002	150	566
K1IR	2,759,950	1912	122	456
K2BA	1,813,680	1482	129	399
N2KPB	661,152	803	92	296
N2LBR	456,012	543	76	242
N2BZP	405,126	532	77	240
NE2I	186,651	345	63	160
K2OAK	89,080	230	55	115
N2NGW	38,226	142	42	96
W3MF	1,825,972	1256	117	421
W3NX	1,519,388	1247	107	372
K3MD	1,090,916	1010	104	342
NI7T/3	833,748	987	115	287
K3II	710,094	740	87	284
N3BNA	252,144	386	78	228
W3ZGD	251,750	406	76	189
K3OQ	97,728	233	57	135
W3LJ	71,400	186	51	117
N4RV	2,800,448	1771	134	474
K3EST/4	2,502,624	1869	119	405
K4HR	1,959,012	1254	131	463
W3GQ/4	1,599,430	1234	118	393
N4TP	221,720	424	61	169
W7IG/4	62,565	215	39	90
K5NA	3,472,950	2396	146	504
K5TR	3,367,336	2574	149	479
K5FD	1,252,242	1201	119	319
W5WP	811,246	854	101	293
W5LCC	124,355	264	63	146
AA5RO	31,275	216	50	89
K6LRN	307,050	449	87	180
W6YX	177,984	355	70	122
W6VLD	138,600	362	50	104
W6TOI	57,096	241	46	76
K6HRP	3,906	78	28	34
KW6H	3,813	41	18	23
K7ZSD	1,663,739	1543	123	328
W7VJ	1,229,863	1214	122	287
NN7SS	600,216	718	106	250
N7YX	523,591	675	99	194
W7ED	138,504	316	49	125
W7TU	117,852	288	51	110
W7JQ	11,310	165	25	62
K8AZ	1,635,096	1098	135	444
NG9T/8	441,882	579	79	215
WC8VOA	81,620	216	46	108
W8VM	2,100	28	12	23
WN9O	1,186,220	1039	114	344
K9VV	159,278	296	63	154
WB9AYW/9	39,192	147	53	85
NØNI	3,148,368	2139	145	468
KØRF	3,010,661	2088	144	449
WØ/EA1BXN	629,766	1067	94	260
WC7WB/Ø	203,619	386	59	168
KØUE	188,160	366	71	153
WØEEA	139,728	250	65	148
NØUNL	93,219	239	52	109
WØEF	55,675	219	36	95
WBØTRA	20,691	107	42	57

ALASKA

KL2R	87,634	476	39	47

BAHAMAS

C6APR	616,528	1373	73	153

CANADA

VE3RM	3,699,630	3115	114	391
VC7G	2,824,000	3424	118	282
VA3SK	1,794,164	2024	100	304
VE6SV	1,611,360	1881	126	306
VO2MK	1,373,974	2038	73	249
VA2TG	201,190	668	42	113
VA3VO	200,700	409	70	153
VA3OC	188,100	525	51	120
VA2ZM	186,430	409	60	146
VE2CQ	158,522	371	46	136
VA2RC	84,672	247	40	107
VE7OGO	71,173	347	41	62
VE2UMS	47,232	274	34	62
VE7NA	17,963	126	28	43
VE1SLL	7,000	62	17	33

CUBA

T4ØM	1,028,508	2482	73	155

DOMINICAN REPUBLIC

HI9L	2,209,645	2811	95	264

JAMAICA

6Y1V	6,987,825	5783	128	457

MEXICO

XE1RCS	2,669,280	3153	122	293

NICARAGUA

YN2EJ	982,756	1867	87	181

PUERTO RICO

NP3U	1,163,678	2367	85	189

ST. KITTS & NEVIS

V49A	2,219,271	2283	92	301

SAINT MARTIN

FS/WY3P	3,080,096	3778	97	307

AFRICA

AFRICAN ITALY

IF9A	2,024,942	2729	106	393

CHAGOS ISLANDS

VQ9X	928,290	1149	77	213

MADEIRA ISLANDS

CQ9T	5,551,492	4395	114	364

MOROCCO

CN3A	16,171,029	7058	162	671

SOUTH AFRICA

ZS5ZZ	238,854	413	66	165

ASIA

ASIATIC RUSSIA

RZ9OZO	4,509,920	3540	130	438
UA9UZZ	2,529,900	2779	113	337
RK9CWW	2,489,347	1974	111	392
RK9AWN	1,051,948	1075	97	312
RK9TWA	758,286	982	77	232
RK9XWO	253,970	517	51	167
RZ9WXK	177,840	363	53	155
RK9CYA	166,315	412	47	138
RK9WZZ	147,810	341	51	144

CHINA

B1Z	1,731,574	2695	97	241
B7M	1,473,241	1959	102	269
BY1DX	1,120,278	1995	97	220

CYPRUS

5B/AJ2O	16,083,132	7607	153	634

ISRAEL

4XØWV	4,529,547	3817	102	351

JAPAN

JA7YAA	2,564,848	2127	138	334
JI2ZJS	2,236,335	2173	125	310
JM1LPN	2,036,521	1905	136	303
JA1YPA	1,430,924	1591	115	259
JI2ZEY	1,096,126	1427	108	205
JA2ZJW	335,664	654	82	140
JA3YKC	325,128	618	91	157
JO1ZYI	41,496	240	30	61
JA1YOU	14,280	135	22	34

MONGOLIA

JU1DX	1,040,896	2064	89	215

THAILAND

HSØAC	990,627	1484	112	251

EUROPE

AUSTRIA

OE5D	167,860	562	29	125

BELARUS

EW8ZZ	12,922	151	13	58

BELGIUM

OT6L	2,181,046	2605	114	488
OT6P	1,340,757	1885	95	372
OT6W	435,268	1037	61	285
OT6H	204,709	664	55	214

CROATIA

9A1P	9,675,616	6213	162	682
9A3B	2,570,736	2946	119	469
9A8M	932,030	1904	86	284

CZECH REPUBLIC

OK5W	6,570,571	4147	167	684
OL7R	5,354,427	4200	150	617
OL1X	3,619,000	2971	135	565
OL1C	1,173,844	1540	99	353
OK2BDF	269,180	691	58	255
OL2A	197,286	507	64	187

DENMARK

OZØW	213,864	681	50	216

ENGLAND

G5W	6,020,739	4547	146	625
G6PZ	4,165,560	3221	143	613
M4A	2,267,870	2462	121	462
G2F	1,244,092	1666	100	408
M5MDX	1,194,084	1754	97	395
G3B	1,094,140	1598	86	368
M2W	1,023,264	1688	90	366
M2H	644,800	1109	75	325
G2B	553,878	1456	65	286
M4U	444,027	1028	52	231
G1T	292,800	767	60	245
M5T	181,692	570	44	152
G3YNN	152,086	466	49	174

EUROPEAN RUSSIA

RL3A	5,793,238	4422	160	654
RT6A	5,447,582	4140	161	638
RO4M	4,748,691	3894	149	568
RK3DZB	2,259,435	2493	128	517
RF3A	2,082,448	2624	120	508
RK3DXW	2,040,792	2364	132	501
RZ4CWW	1,603,056	2199	110	436
RV6AWM	950,404	1726	88	276
RL4W	828,000	1480	87	327
RK3DXS	623,898	1204	85	329
RK3WWA	416,976	960	74	262
RK3YWT	394,525	946	73	294
RZ3TZZ	329,574	695	84	270
RK4FWX	289,408	552	69	203

RK4HYT	238,497	603	56	221
RK3AWK	202,350	588	57	228
RK4CYW	67,900	235	47	128
UA3R	61,125	205	48	115
RK3SWB	12,474	70	28	53
FINLAND				
OH5Z	**3,227,301**	**3072**	**146**	**547**
OH6XX	1,851,350	2123	131	479
OH2TI	5,456	66	16	46
FRANCE				
TM6M	**7,819,830**	**5110**	**146**	**619**
TM2T	**4,844,100**	**4159**	**143**	**580**
TM7Z	**4,495,568**	**4242**	**140**	**572**
TM2B	2,348,568	2839	110	414
TM8D	2,098,140	2866	108	402
F8KCF	1,206,150	1584	98	375
F5KEE	587,836	1243	70	288
F5KIN	233,160	595	57	233
F6KFV	141,960	501	41	154
F5KKD	139,997	848	30	91
F5KAR	90,538	430	36	167
F8KHH	27,661	184	27	112
GERMANY				
DK1MM	**6,017,193**	**4026**	**157**	**680**
DP4K	**3,656,924**	**3143**	**139**	**585**
DR5A	1,975,788	2037	123	516
DL4GBA	1,166,330	1498	98	408
DL2F	968,863	1659	77	350
DL1M	797,615	1035	92	363
DLØGL	767,076	1396	66	225
DL1RYD	675,584	978	96	368
DRØT	413,976	727	83	284
DA3A	299,808	645	70	277
DKØED	261,385	573	66	239
DKØDH	35,313	292	25	124
DLØHFC	323	11	9	10
GREECE				
J48RT	**1,557,600**	**3485**	**78**	**322**
J42WT	443,460	1275	68	217
HUNGARY				
HG1S	**7,032,204**	**5048**	**159**	**669**
ICELAND				
TF6ØIRA	**782,782**	**1569**	**71**	**251**
TF1KW	5,928	78	16	41
IRELAND				
EI7M	**8,065,260**	**6345**	**146**	**631**
EI9E	1,911,012	2709	94	395
ITALY				
IR2C	**4,886,832**	**3890**	**148**	**584**
IO4T	**4,032,081**	**3554**	**134**	**577**
IQ5GR	2,011,310	2692	106	381
IZ6ERS	1,078,640	2264	82	306
IQØPG	794,170	1667	85	325
IW9GTD	730,944	1206	102	384
IQ1AO	558,175	1093	81	334
IQ5FI	256,940	734	64	226
IQ8PZ	65,275	293	45	130
KALININGRAD				
RK2FWA	**6,883,352**	**5168**	**155**	**653**
LATVIA				
YL1XN	**71,712**	**422**	**39**	**127**
MACEDONIA				
Z36A	**981,866**	**2096**	**82**	**316**
MOLDOVA				
ER3R	**1,434,349**	**2678**	**85**	**328**
NETHERLANDS				
PA7MM	**3,148,600**	**2754**	**135**	**565**
PI4CC	**1,517,233**	**1800**	**105**	**422**
PA1T	676,377	1105	70	281
PAØAA	600,732	1362	81	288
PFØX	367,030	989	56	198
PI4ZI	347,115	1005	67	250
PI4ZOD	26,536	242	25	99
PA25FMF	8,601	131	15	46
NORWAY				
LN3Z	**2,187,548**	**2521**	**112**	**487**
LN3C	595,424	1203	68	300
LA1K	24,205	213	22	81
POLAND				
SO9Q	**2,725,272**	**3215**	**112**	**482**
SO5O	**1,689,405**	**2018**	**125**	**490**
SN9Z	**1,447,776**	**2111**	**104**	**424**
SN2K	1,199,780	1961	101	377
SPØPZK	848,320	1449	88	352
SP9KRT	290,686	918	75	287
SN5T	222,547	645	68	255
SP4PBI	129,389	340	68	201
SP6KCN	123,717	446	53	200
SP3KPN	306	13	10	12
PORTUGAL				
CQ4U	**2,237,200**	**2982**	**99**	**377**
CS2P	**1,399,880**	**2116**	**92**	**351**
CT1GGO	346,541	692	57	190
ROMANIA				
YO8KRR	**303,072**	**836**	**56**	**231**
YO9KRW	3,870	45	16	27
SICILY				
IQ9BF	**376,678**	**653**	**86**	**245**
IR9K	195,640	526	64	228
IR9P	60,726	326	46	128
SLOVAK REPUBLIC				
OM8A	**9,431,424**	**5807**	**168**	**696**
OM5M	**5,724,484**	**4133**	**158**	**651**
OM3RRC	194,134	773	47	179
SLOVENIA				
S5ØD	**192,192**	**570**	**62**	**224**
S51DSW	15,300	131	26	76
SPAIN				
ED3SSB	**6,051,240**	**4832**	**137**	**565**
EC2DX	**4,317,915**	**4460**	**123**	**472**
AO3BE	2,363,136	3110	117	427
EB1WW	1,464,564	2209	82	299
EA2BI	579,285	1443	59	256
EA2RKO	385,884	893	72	252
ED2WW	289,413	967	62	181
EA1FCR	208,250	564	50	188
EA4TV	123,692	367	56	158
SWEDEN				
7S2E	**1,445,310**	**2013**	**101**	**404**
SM6RXZ	29,592	248	23	85
SK7A	6,765	89	16	39
SWITZERLAND				
HB9BLQ	**2,377,548**	**2665**	**126**	**500**
UKRAINE				
UZ2M	**4,328,124**	**3621**	**151**	**628**
UZ1I	495,292	1055	73	288
UWØL	319,746	680	71	260
UR4EXW	251,258	628	59	215
UR4PWC	55,918	315	33	113
UT1KWA	39,928	300	22	102
YUGOSLAVIA				
YTØA	**5,234,649**	**4081**	**155**	**622**
YU7AJM	61,410	268	40	138
OCEANIA				
AUSTRALIA				
VK1CC	**1,517,454**	**1880**	**101**	**205**
EAST MALAYSIA				
9M6BRC	**511,128**	**921**	**71**	**158**
GUAM				
AH2R	**4,979,040**	**3618**	**147**	**359**
INDONESIA				
YEØX	**1,630,590**	**1881**	**99**	**240**
YE1ZAT	**1,220,560**	**1598**	**81**	**211**
NORTHERN MARIANAS				
WHØAC	**541,444**	**1059**	**86**	**137**
PHILIPPINES				
DX6M	**2,002,560**	**2330**	**113**	**223**
SOUTH AMERICA				
ARGENTINA				
LR2F	**9,554,200**	**5660**	**146**	**474**
LU5HM	**6,847,996**	**4391**	**142**	**444**
LU7HN	**5,129,208**	**4091**	**126**	**378**
LU8XW	327,666	752	57	137
LR7E	214,795	639	46	87
LW6DW	104,086	347	57	85
BRAZIL				
ZY7C	**10,652,910**	**5648**	**142**	**548**
ZW5B	**6,374,073**	**4207**	**134**	**437**
PY2AA	3,487,400	2777	117	353
PY5EW	2,203,234	2177	110	264
PW2C	1,393,821	1736	108	243
ZW1TT	1,186,020	1394	87	243
ZV5C	470,554	1008	75	128
PY2ERA	62,700	299	38	62
CHILE				
CE2LS	**673,948**	**934**	**83**	**206**
CE6TC	**668,479**	**1247**	**86**	**173**
ECUADOR				
HD2A	**1,578,660**	**2357**	**80**	**237**
FRENCH GUIANA				
FY5KE	**19,720,610**	**8196**	**170**	**675**
NETHERLANDS ANTILLES				
PJ4E	**13,476,375**	**7064**	**145**	**530**
MULTI-OPERATOR				
TWO TRANSMITTER				
NORTH AMERICA				
UNITED STATES				
KØTV/1	**3,380,383**	**2191**	**129**	**478**
NG1G	1,684,674	1421	112	407
KC1F	602,374	674	85	264
N2RM	**2,657,187**	**2073**	**110**	**397**
W2CG	**2,593,470**	**1864**	**121**	**421**
W2ZQ	**2,341,926**	**1659**	**120**	**438**
W2YC	603,992	636	103	309
N3RS	**6,964,156**	**3679**	**147**	**577**
K3DI	1,641,413	1260	110	381
N3MX	1,571,688	1215	106	392
WA3EKL	878,475	878	99	326
W4WS	**3,948,870**	**2741**	**130**	**460**
W4RM	**3,902,130**	**2726**	**131**	**442**
WC4D	550,456	702	81	251
AB5K	**1,708,488**	**1477**	**126**	**362**
K5YA	1,439,395	1164	120	359
W5NO	241,175	534	75	200
W6YI	**3,143,400**	**2435**	**139**	**381**
W6OAT	1,577,339	1207	139	360
NK7U	**3,440,613**	**2685**	**145**	**416**
K8ZIZ	57,682	175	45	106
NØIJ	**871,370**	**892**	**110**	**285**
KCØPQJ	2,310	72	19	23
CANADA				
VY2TT	**6,775,225**	**5226**	**119**	**456**
VE7SV	**5,318,640**	**5559**	**128**	**317**
VE3SY	**4,231,810**	**3575**	**123**	**404**
VE6FI	**1,593,568**	**2676**	**87**	**217**
VE5RI	**1,515,750**	**2817**	**89**	**193**
VE6AO	1,275,204	2479	82	184
VE2DXY	**706,080**	**1765**	**71**	**169**
VE3DC	148,789	416	55	136
COSTA RICA				
TI8M	**1,257,879**	**2217**	**91**	**210**
HONDURAS				
HR2RCH	**1,127,902**	**2137**	**82**	**189**
TURKS & CAICOS ISLANDS				
VP5DX	**7,356,720**	**5642**	**135**	**474**
U.S. VIRGIN ISLANDS				
NP2B	**7,208,825**	**6252**	**121**	**412**
AFRICA				
CANARY ISLANDS				
EA8AH	**21,141,571**	**9465**	**162**	**659**
SOUTH AFRICA				
ZS9X	**6,943,845**	**4830**	**133**	**412**
SWAZILAND				
3DAØWW	**4,985,264**	**4345**	**118**	**354**
TUNISIA				
3V6T	**23,901,295**	**10972**	**167**	**636**
ASIA				
ASIATIC RUSSIA				
R7C	**3,342,240**	**3615**	**136**	**524**
RKØAYT	571,564	1275	86	212
CHINA				
B7P	**3,769,920**	**3994**	**133**	**362**
BY1TT	17,264	195	42	62
JAPAN				
JA6ZPR	**2,307,840**	**2527**	**113**	**271**
JA1ZGP	364,572	673	90	144
JA1YAI	2,415	29	16	19
KOREA				
DTØHF	**89,760**	**621**	**46**	**74**
MONGOLIA				
JT1C	**496,944**	**1324**	**78**	**160**
EUROPE				
AUSTRIA				
OE2S	**8,382,465**	**6183**	**159**	**660**
OE9R	1,995,662	2823	109	453
CROATIA				
9A7A	**12,944,310**	**8695**	**167**	**700**
CZECH REPUBLIC				
OK5M	**2,553,145**	**2585**	**122**	**491**
OK1OUE	589,470	1159	79	322
DENMARK				
OZ3RIN	**646,380**	**1311**	**82**	**338**
DODECANESE				
SX5P	**5,003,208**	**5612**	**124**	**524**
ENGLAND				
M8C	**3,989,580**	**4706**	**126**	**518**
G4UJS	**2,129,472**	**2304**	**108**	**468**
M1P	2,008,593	1915	122	481
G6M	1,577,025	2725	96	393
ESTONIA				
ES1A	**814,289**	**1352**	**88**	**339**
EUROPEAN RUSSIA				
RU1A	**6,371,088**	**5753**	**162**	**640**
FINLAND				
OH4A	**3,909,696**	**3956**	**133**	**539**
GERMANY				
DQ4W	**7,926,040**	**5979**	**151**	**609**
DR5N	**4,765,696**	**4003**	**138**	**578**
DLØCS	**4,648,959**	**3916**	**144**	**619**
DR5Z	4,497,345	3618	139	556
DP6A	4,474,470	3741	149	596
GUERNSEY				
MU5W	**752,862**	**1745**	**65**	**309**
HUNGARY				
HG6N	**8,624,550**	**6834**	**158**	**667**
ITALY				
IR4X	**13,654,120**	**8265**	**176**	**719**
NETHERLANDS				
PI4COM	**3,388,000**	**3621**	**115**	**490**
PI4WNO	161,245	732	48	223
NORWAY				
LA1TUR	**75,702**	**381**	**31**	**155**
POLAND				
SP9KDA	**1,044,820**	**1871**	**90**	**386**
PORTUGAL				
CQ4T	**839,477**	**1487**	**83**	**308**
SAN MARINO				
T7ØA	**2,664,900**	**5474**	**80**	**325**
SPAIN				
EA1URG	**662,178**	**1412**	**71**	**310**
ED1RGT	419,980	1071	65	267
UKRAINE				
UU7J	**8,727,840**	**7000**	**178**	**677**
OCEANIA				
AUSTRALIA				
VK4WR	**2,555,218**	**2582**	**115**	**264**
VK6ANC	**1,004,535**	**1286**	**101**	**214**
NEW ZEALAND				
ZM2M	**2,291,883**	**2546**	**115**	**234**
SOUTH AMERICA				
ARGENTINA				
LT5H	**749,265**	**1450**	**69**	**140**
BRAZIL				
PS2T	**10,838,687**	**6969**	**145**	**486**

The #1 JA Multi-Single was JA7YAA.

URUGUAY				
CV5D	**1,991,642**	**2449**	**89**	**245**
MULTI-OPERATOR				
MULTI-TRANSMITTER				
NORTH AMERICA				
UNITED STATES				
K3LR	**14,957,712**	**7257**	**170**	**666**
KC1XX	**12,399,972**	**6190**	**157**	**630**
W3LPL	**11,663,872**	**5842**	**167**	**669**
NQ4I	**6,971,692**	**4495**	**158**	**558**
K3NA/1	**6,777,000**	**3575**	**147**	**603**
K1RX	**6,292,208**	**3575**	**147**	**569**
K1TTT	6,188,628	3478	149	559
KB1H	3,551,205	2252	137	514
W2AX	**2,851,938**	**1879**	**127**	**462**
NE3F	2,663,628	2030	121	440
WØAIH	**2,156,000**	**1949**	**130**	**430**
K2AX	1,552,446	1216	114	404
W2XL	934,038	863	103	338
AC4RC	242,929	438	75	202
K3PU	136,184	271	72	160
W9VT	56,631	192	40	89
ANTIGUA				
V26B	**16,736,711**	**10722**	**146**	**545**
CANADA				
VE7UF	**114,784**	**419**	**48**	**88**
GRENADA				
J3A	**12,809,306**	**8991**	**139**	**508**
PUERTO RICO				
WP4BH	**448,745**	**1052**	**52**	**147**
REVILLA GIGEDO				
XF4DL	**8,843,208**	**8441**	**143**	**349**
TURKS & CAICOS ISLANDS				
VP5T	**5,390,539**	**4929**	**120**	**391**
U.S. VIRGIN ISLANDS				
WP2Z	**8,129,720**	**6673**	**135**	**428**
AFRICA				
CANARY ISLANDS				
EF8A	**10,279,720**	**6511**	**130**	**480**
MADEIRA ISLANDS				
CT3YA	**23,587,600**	**9753**	**175**	**697**
CT9L	**20,530,520**	**9413**	**158**	**632**
ASIA				
JAPAN				
JA3YBK	**6,288,534**	**4087**	**157**	**452**
JA7YRR	**4,761,140**	**3686**	**151**	**354**
JA2YKA	51,830	236	55	87
KAZAKHSTAN				
UP5G	**7,170,701**	**4936**	**146**	**501**
KUWAIT				
9K2HN	**7,179,900**	**4271**	**137**	**513**
MACAO				
XX9C	**9,230,724**	**8207**	**151**	**452**
TAIWAN				
BV2B	**683,728**	**1524**	**91**	**192**
EUROPE				
ALAND ISLANDS				
OHØZ	**9,438,984**	**8826**	**157**	**644**
AUSTRIA				
OE7B	**34,224**	**195**	**29**	**95**
BELGIUM				
OT6A	**11,921,840**	**9344**	**161**	**693**
EUROPEAN RUSSIA				
RK6YZZ	**899,610**	**1601**	**97**	**374**
FRANCE				
TM2Y	**8,031,452**	**6491**	**151**	**588**
GERMANY				
DR1A	**16,893,040**	**11290**	**175**	**745**
DFØHQ	**14,074,620**	**10412**	**175**	**755**
DK3W	928,872	1380	89	367
DQ5T	630,075	942	97	368
DLØNT	23,655	333	59	190
ISLE OF MAN				
MD4K	**10,949,400**	**11267**	**148**	**644**
LIECHTENSTEIN				
HBØ/HB9AON	**5,520,138**	**6281**	**112**	**486**
LITHUANIA				
LY7A	**4,944,264**	**6039**	**132**	**557**
NETHERLANDS				
PA6Z	**4,823,148**	**5437**	**135**	**536**
NORWAY				
LN2T	**83,496**	**454**	**36**	**160**
POLAND				
SN4L	**175,560**	**827**	**57**	**223**
SARDINIA				
ISØA	**352,086**	**1019**	**60**	**243**
SCOTLAND				
GMØB	**4,973,792**	**5405**	**136**	**561**
GM2T	**4,443,504**	**5606**	**114**	**510**
GM6NX	548,613	1602	62	289
SLOVAK REPUBLIC				
OMØM	**7,324,666**	**6374**	**159**	**643**
SPAIN				
EA3EJI	**1,148,642**	**1605**	**100**	**379**
SVALBARD				
JW5E	**535,432**	**1004**	**66**	**182**
JW7QIA	135	8	7	8
OCEANIA				
AUSTRALIA				
VK4UC	**4,356,970**	**3394**	**142**	**336**
NEW ZEALAND				
ZL6QH	**5,980,928**	**4668**	**144**	**344**
PHILIPPINES				
DX1DBT	**493,272**	**1087**	**74**	**130**
SOUTH AMERICA				
NETHERLANDS ANTILLES				
PJ2T	**17,208,288**	**9652**	**144**	**504**
VENEZUELA				
YV4A	**15,007,586**	**8477**	**146**	**525**

CHECKLOGS

The following logs were used as check logs. Check logs are always appreciated: 4X4REM, 4Z5FL, 4Z5ML, 4Z5OZ, 9A3MA, AA5AU, CT3MD, CU2JT, DG1BQC, DG1LS, DK5OCE, DL1DUO, DL3MG, DL5MG, EA1AHC, EA2RY, EA3BJM, EA5DKU, EA8MQ, EA8NQ, EB5KB, EC4DIJ, EC5KB, ER3DX, F5NZD, F6HMQ, F6IRF, G3UHU, GIØOUM, GMØNBM, GM7NVA, HAØGK, HA1SN, HA5AZZ, HA6PX, HA7UL, IQ8ST, ISØLLJ, IT9BLB, IW4EMG, IW7ECJ, JA2KVD, JT1CS, K3SWZ, K5WW, K9HY, KFØIQ, LA3BO, LA4OGA, LA6BNA, LA6PBA, LA8HGA, LA9TJA, LA9XKA, LY1CT, LY2IC, LZ1AQ, LZ1JZ, LZ1ND, LZ1VCT, MØPCB, OH1PY, OH2BCD, OH3NWQ, OH5NZ, OH5PT, OH6IO, OK1KDO (OP: OK1WN), OK2EQ, OK2PCL, OK2SG, OK5OK, OK7RJ, ON3OS, PAØJED, PYØFF, PY5ZHP, RAØALM, RAØQD, RA1AUW, RA1QX, RA3AD, RA3CO, RA3OO, RA3XDX, RA3ZOM, RA6HSM, RA6YDX, RK3XWO, RK6MY, RN4ACQ, RN6FK, RUØAT, RU3DZ, RU3EJ, RU6YY, RV6FG, RW3CW, RW3SU, RW4NX, RW4UW, RZ4AWA, RZ9WF, SA2Z (OP: SM2YPZ), SA7AOI, SA7AOM, SM6IQD, SN2M (OP: SP2XF), SO8N (OP: SQ8GHY), SP2UKT, SP3BVA, SP3FLQ, SP3YM, SP5ANY, SP5BYC, SP5GDY, SP6CZ, SP7HOV, SP7TES, SP8TDV, SP9CVY, SP9RRH, SQ3JVW, SQ4HRN, SQ5MX, SQ5NF, SQ6MS, SQ9E, SQ9ITM, SQ9MZ, SV1XV, UA1AKE, UA3AAJ, UA9CEP, UA9CL, UA9JLL, UA9LGD, UR4UGL, UT4EK, UT4ZG, UUØJC, UW7W, V73RY, VE2AXO, VE2TZT, VE3FDT, VE3IQ, YB6LD, YL2TQ, YO2CMI, YO3BZF, YO5OAW, YO6OAF, YO8GF, YT1AA, ZL1TM.