Results of the 2007 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 2007 CQ WW SSB results, go to <http://www.cq-amateur-radio.com>, then go to Contests and Awards on the home page, then to CQ WW DX Contest, Expanded Results, 2007 CQ WW SSB.

What can you do at the bottom of the sunspot cycle to enliven the ham bands? Take the medicine the propagation doctor orders and enter the CQ WW DX SSB Contest to overcome band conditions. At this time of the cycle, the bands had shown only marginal signs of life for weeks before the contest. The CQ WW SSB Contest changed all that. There was full activity on all bands that were open. The spectrum was filled with activity, putting to good use our allotted frequencies. After all the logs were counted, an amazing number emerged: There were 5040 received entries representing 42,743 calls worked by more than one person from 286 countries! Not only was this a new record in logs received for any contest, but it happened mostly without 10 meters and most of 15 being open! When the sun begins to show improved high-band activity, one can only hope to find a clear spot on any band.

As has been mentioned before, the CQ WW is a fantastic competition which brings out the best in amateur radio—team work, station construction, antenna design, propagation knowledge, and operating skills. Just turn on your radio during the last weekend of October and you can join in the fun. Most entrants are not trying to win for the world or their country. They are just having a good time, and a good time can be guaranteed. Each year a new group of hams discovers the CQ WW. Their comments can be summed up as "What a great time!" Once you jump into the CQ WW QSO ocean, it is impossible not to swim in it for a while. Following is a summary of the results of the 2007 CQ WW SSB. Everyone who enters the contest is a winner. Come join us in the most exciting contesting event of the year. You will be very welcomed.

High Power All Band

The two top places in this tough category went to North American stations, an unusual result. Tom, W2SC, rose to the occasion and talked 8P5A to the world high score. Tom seems to have found the groove, as he has been in this position before. Barbados not only hosted the world cricket championship, but the CQ WW SSB champion. If you check out the Top Scores box, you will see that five of the top ten scores were from North America and three from Canada (VY2ZM, VC3J, and VC3A)! Coming in second in the world was Jeff, K1ZM, operating from his Prince Edward Island QTH as VY2ZM. Third place went to long-time world top ten finisher John, W2GD, as P40W.

European top honors went to CU2A operated by Toni, OH2UA. Working the contest from far southeast + a good station + a great operator = a winning combination. Andy, G4PIQ, operating from M6T took second place Europe. One look at the M6T website will point you in the direction of what a great winning station looks like. Third place in Europe went to the Montenegro station of Ranko, 4O3A, founder of SKY Contest Club. In the U.S., Randy, K5ZD, did his usual fabulous job and took top honors. Last year's winner took second position. NN3W, Richard, operated from the N3HBX super station located in southwestern Maryland. Third place went to Doug, K1DG, operating from N1LI.

Dave, G4BUO, is always among the top scorers in the contest.

The continental winners were: North America 8P5A (W2SC), Africa EA9LZ, Asia RG9A (UA9AM), Europe CU2A (OH2UA), Oceania KH6LC, South America P40W (W2GD), Japan JH4UYB, and U.S. K5ZD/1.

Low Power All Band

The CQ WW is famous for hams going on DXpeditions. You can even put a series of vertical antennas in a golf bag, find a beach somewhere, and gett ready for fun. A small transceiver and you are all set. If you choose the right QTH, you can run stations almost as fast as the higher powered stations.

John, KK9A, sure has found the right formula. Operating from the northwest tip of Aruba, John again took the top world low power trophy. Three years in a row is quite an achievement, John! Second place in the world and #1 in Asia was TA3D. Great job, Yasar! Third place went to Ted, HI3TEJ, using his contest call, HI3T. Ted is a perennial top finisher.

CT6A operated by Jose, CT1CJJ, again was first place in Europe. This is the third year in a row that José took the plaque. Congratulations, José! Second place went to Lorenzo, IZ2FOS, operating not far from Lago di Garda. Third place in Europe went to Stefan, OM3CD. In the U.S., we had a new winner, Art, K1BX. He sure has the credentials in terms of operating experience: K6UA,

Yasar, TA3D, grabbed #2 world Low Power All Band.

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Joseph, F6CTT, #1 Europe 3.7 MHz.

N6CW, DLØWW, and WØAIH! Second place went out to Ed, N1UR, who finishes first or near the top almost every time. Again third place went to Marvin, N5AW, from Texas, where he puts his considerable skills to work. A45WD, HZ1GW, UPØL, 9N7JO, A61HH, HSØZDG, ZC4LI, 5B/HA5PP, ZPØR, XE1CQ, and CN2BC all did an excellent job to finish with outstanding scores from interesting locations.

The continental winners were: North America HI3T, Africa CN2BC, Asia TA3D, Europe CT6A (CT1CJJ), Oceania 9M5LSC (JF1SQC), South America P40A (KK9A), Japan JA7LMZ, and U.S. K1BX.

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. Our world winner this time was IK5RUN. Simone lives near Florence and dreams of finishing at the top of the QRP category. Dreams do come true, Simone! A great job from a dedicated QRPer. The battle for second and third place in the world came down to about one QSO. Taking second place in the world and first place in the U.S. was Doug, KR2Q. Chris, KA1LMR, was just barely behind to take third place world and second place U.S. It looks like a real healthy rivalry in the making. The third spot in the U.S. and the top zone 4 score went to Philip, NØKE. He also finished #6 in the world.

Doug, KR2Q, finished #1 in the U.S. QRP, and #2 world.

Second place in Europe went to Bob, M3RCV. What a great score from a *really* dedicated ham. Bob was and still is one of the world's best SWLers as BRS 32525. From the SWL ranks many a great contester has sprung. Third place in Europe went to S59D.

Special mention must be made of the fine score of Izuno-san, JR4DAH, #10 in the world and #1 in Asia. The top zone 3 scorer was W6QU operated by QRP aficionado, Bill, W8QZA. 5Z4/YT1CS, YB2OK, and PY2BN are to be congratulated for their outstanding efforts.

The continental winners were: North America KR2Q, Africa 5Z4/YT1CS, Asia

TROPHY WINNERS AND DONORS

SINGLE OPERATOR
World All Band
8P5A (Opr.: Tom Georgens, W2SC)
Donor: Southern California DX Club

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

World QRP
Simone Sarti, IK5RUN
Donor: Jeff Steinman, N5TJ

World Assisted
Ilshat Valitov, RU9WX
Donor: Glenn Johnson, WØGJ

U.S.A.
Randy Thompson, K5ZD
Donor: Potomac Valley R.C. – KC8C Memorial

U.S.A. Low Power
Arthur Hambleton, K1BX
Donor: North Coast Contesters

U.S.A. QRP
Doug Zwiebel, KR2Q
Donor: Pat Collins, N8VW

U.S.A. Assisted
Rich Saeger, K3OO
Donor: John Rodgers, WE3C

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
VY2ZM (Opr.: Jeffrey Briggs, K1ZM)
Donor: Contest Club Ontario
VE3WT Memorial

Caribbean/C.A.
Paul Young, FS/K1XM
Donor: Alex M. Kasevich, VP2MM

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

Europe Low Power
CT6A (Opr.: Jose Manuel Farto Lopes, CT1CJJ)
Donor: Scott Jones, N3RA & Tim Duffy, K3LR

Russia
RG9A (Opr.: Yuri Kurinyi, UA9AM)
Donor: Roman Thomas, RZ3AA

Africa
6W1RY (Opr.: Albert Crespo, F5VHJ)
Donor: Gordon Marshall, W6RR

Asia
Yasar Gocet, TA3D
Donor: 2 AM Dayton Pizza Gang

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

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

Oceania
Lloyd Cabral, KH6LC
Donor: Northern California DX Club

South America
P40W (Opr.: John Crovelli, W2GD)
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: Robert Naumann, W5OV

World – 14 MHz
CN4P (Opr.: M'Hamed Kharbouche, CN8NK)
Donor: North Jersey DX Assn. – K2HLB Memorial

World – 7 MHz
Andreas Kretzschmar, 9Y4W
Donor: Fred Laun, K3ZO – K7ZZ Memorial

World – 3.7 MHz
Gia Gvaladze, 4L4WW
Donor: Fred Capossela, K6SSS

World – 1.8 MHz
CN2R (Opr.: James Sullivan, W7EJ)
Donor: Robert Wruble, W7GG

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

USA – 21 MHz
Peter Bizlewicz, KU2M
Donor: CQ Magazine

USA – 14 MHz
Saul M. Abrams, K2XA
Donor: Yankee Clipper Contest Club
KC1F Memorial

USA – 7 MHz
Paul H. Newberry, Jr, N4PN
Donor: Stanley Cohen, W8QDQ

USA – 3.7 MHz
Joseph Gagliardi, Jr, AA1BU
Donor: CQ magazine

USA – 1.8 MHz
Yuri Blanarovich, K3BU
Donor: Glenn Johnson, WØGJ

Carib./C.A. (21 MHz)
ZF2AH (Opr.: Joseph Hypnarowski, W6VNR)
Donor: Nate Moreschi, N4YDU

Europe – 28 MHz
Meho Omberbasic, T93O
Donor: Charles Dietz, W5PR

Europe – 21 MHz
YTØZ (Opr.: Milan Milovanovic, YU1ZZ)
Donor: Tine Brajnik, S50A

Europe – 14 MHz
Ivo Jereb, S57AL
Donor: Charles Wooten, NF4A

Europe – 7 MHz
Vinko Gregorcic, S53F
Donor: John Warren, NT5C

Europe – 3.7 MHz
Joseph Cornee, F6CTT
Donor: Ted Demopoulos, KT1V

Europe – 1.8 MHz
SN3R (Opr.: Wieslaw Gebal, SP6HEQ)
Donor: Robert Kasca, S53R

Oceania (21 MHz)
9M8YY (Opr: Yasumasa Yagi, JR3WXA)
Donor: Bruce D. Lee, KD6WW

Asia –14 MHz
Vakhtang Mumladze, 4L6AM
Donor: Charles Shinn, W7MAP

Japan – 21 MHz
Toshohiko Kamimiyata, 7K4XNN
Donor: CQ Magazine

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

MULTI-OPERATOR, SINGLE TRANSMITTER
World
CN3A (Oprs,: K2QEI, IK2SGC, I2WIJ, IZ2FFK, YO3JR, IK2EAD, IK2BCP, CN8WW)
Donor: So. Calif. DX Club – W6AM Memorial

U.S.A.
K9RS/3 (Oprs.: NO2R, N3DXX, K9RS)
Donor: Carolina DX Association

Carib./C.A.
VP5DX (Oprs.: N4KE, W1WON, NU4Y)
Donor: Bob Raymond, WA1Z

Africa
CQ3T (Oprs.: CT3CD, CT3CK, CT3FQ, CT3HF, CT3HV, CT3KN)*
Donor: Doc Sayre, W7EW

Asia
P33W (Oprs.: 5B4AGC, 5B4AGN, G3NKC, G4MJS, G4XUM, GJ4CBQ, ZC4VJ)
Donor: Edward L. Campbell, NT4TT
AA6BB and KA6V Memorial

Japan
JA6ZPR (Oprs.: JJ1RJR, JR6CKX, JH6JSR)
Donor: Bob Epstein, K8IA

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

Oceania
AH2R (Oprs.: JI3ERV, JR7OMD, JG3RPL, JO1DFG, JH7QXJ)
Donor: Junichi Tanaka, JH4RHF

South America
FY5YE (Oprs.: F1HAR, F5HRY, F5MZN, F6FGZ, F6FVY, FY5FY)
Donor: Victor Burns, KI6IM –
The Cuba Libra Contest Club

MULTI-OPERATOR, TWO TRANSMITTERS
World
AO8A (Oprs.: EA8AH, EA8CAC, EA8ZS, ES2RR, OH5XT, OH6XX, OH9MM)
Donor: Array Solutions

U.S.A.
WE3C (Oprs.: WE3C, NN3Q, KQ3V, NM3E, N3FTI)
Donor: Kimo Chun, KH7U & Mike Gibson, KH6ND
Dan Robbins, KL7Y Memorial

Europe
IR4X (Oprs.: I4TJE, I4VEQ, I4EAT, I4AVG, I4IND, I4IKW, I4EWH, IK4EWK, IK4DCT, IZ4BOY, IZ3EYZ)
Donor: Aki Nagi, JA5DQH

Oceania
AH6XX (Oprs.: AH7C, JA1BK, K1ER, K2WR)
Donor: Japan CQ Ham Radio

MULTI-OPERATOR, MULTI-TRANSMITTER
World
TS6A (Oprs.: YT1AD, YT3W, YU1AU, YU1DW, YU1EW, YU1KX, YZ1BX, K1LZ, N2OW, Alea, Lotfi)
Donor: Dave, W6NL and Barb, K6BL Leeson

U.S.A.
K3LR (Oprs.: K3LR, N2NC, K8CX, W9ZRX, N9RV, W2RQ, KI4MTU, K1AR, N2NT, N3SD, K3UA, KL9A, N3GJ, LU7DW)
Donor: Jim Lawson, W2PV Memorial

Europe
DR1A (Oprs.: DB6JG, DF6JC, DF7ZS, DH1NFL, DJ6ET, DJ7EG, DJ7EO, DK9VZ, DL1MFL, DL2YOU, DL3DXX, DL6FBL, DL6LAU, DL8WPX, DL9NDV, JK3GAD)
Donor: Finnish Amateur Radio League

Japan
JR5VHU (Oprs.: JR5VHU, JR5JAQ, JH5FIS, JH5FXP, JH5RXS, JA5JCC, JA5FDJ, JA5FBZ, JM1UWB)
Donor: Ryozo Goto, JH3JYS

CONTEST EXPEDITIONS
World Single Operator
HV500VR (Opr.: Carl Cook, AI6V)
Donor: National Capitol DX Assn.
Stuart Meyer, W2GHK Memorial

World Multi-Single
IF9A (Oprs.: IT9ATF, IT9NPR, IT9PPG, IT9WDC)
Donor: Gail Schieber, K2RED

World Multi-Multi
1A3A (Oprs.: C31CT, CT1DVV, CT1ESV, I4UFH, IK2NCJ, IK8UND, IV3SKB, IZ4AKS, IZ4DPV, IZ8CCW, IZ8FWN, YL2KL)
Donor: Tachio Yuasa, JA9VDA

**Second place*

JR4DAH, Europe IK5RUN, Oceania YB2OK, South America PY2BN, Japan JR4DAH, and U.S. KR2Q.

Assisted

If you want to increase your WPX and DXCC totals and have limited operating time or just want to help your club, the assisted category might be for you. The 2008 Assisted category will be interesting with availability of the skimmer or a skimmer-like tool. Use of this QSO spotting tool places you in the Assisted category. This will be the first time this new technology will be available in the CQ WW. You can help us develop a baseline for what a skimmer log looks like by joining the CQ WW skimmer project at <questions@cqww.com>. Let us know if you use this software in the 2008 CQ WW contests and what you thought of its usefulness under contest conditions. Thanks for helping out.

The number one Assisted score in the world came from Ilshat, RU9WX. Taking advantage of his location in Asia very near Europe, he racked up the largest total score in this category. World second place and the top European spot went to Serge, UT5UDX, operating from ERØWW. Third place world and second place Europe was taken by Andy, UU7J. Reprising the 2006 results, third place in Europe went to Philippe, LX2A, operating with his contest call LX7I. Mike, operating as FM/K9NW, must be mentioned as doing an outstanding job from a 2-point area. In the U.S., the Frankford Radio Club contesters took top honors. Rick, K3OO, won first place. He really made the difference in the QSO department. Second place went to perennial top finisher Charles, K3WW, while third place went to a Noah, K2NG. Special mention should be made of the great job turned in by: B7M, VR10XLN, JT1CO, V8FEO, NHØDX/KH2, ZL1BYZ, ZL3A, and CE4CT. Their enthusiasm gave many contesters the chance to work areas with limited activity.

The continental winners were: North America FM/K9NW, Africa 6W1SE, Asia RU9WX, Europe ERØWW, Oceania V8FEO (9M6DXX), South America LR2F, Japan JQ1BVI, and U.S. K3OO.

Multi-Single

The Multi-Single category attracts the second largest group of individual contesters after low power. Usually about 1300 people take part worldwide. Getting together with new and old friends for a weekend of Formula 1 contest racing is what it is all about. The rush to find competitive locations in zone 33 also includes the Multi-Single category. Competition in this hotly contested category has always been fierce.

The winners from 2006 switched places in the 2007 competition. Perhaps positioning themselves for the hopefully soon to arrive new sunspot cycle, a multi-national team allowed CN3A to take world first place. What a great job they did. Less than 400,000 points behind the 2006 winner, the all French team operating as FY5YE on the French Guyana coast. Third place went to the Russian team on Cyprus using the call P33W. They were also #1 in Asia.

Multi-Single is very competitive within Europe. This year it was an all Croatian finish. The number one score went to Radio Club Porec, 9A1P. Second place went to the Varazdin Contest Team, 9A7A; what an antenna farm can be seen on its website. Third place in Europe went to the Croatian DX Club, 9A1A, located on a mountain ridge east of Zagreb. Here in the U.S., Ray's team at K9RS/3 led the way from eastern Pennsylvania. Second place was taken by team W3UA/1 located in lovely New Hampshire. As Gene says on his website, his call, W3UA, reminds him of his roots as a UA3. Third place went to Tom, K8AZ, located in the countryside of northeastern Ohio. Congratulations to AH2R. They continue to do an outstanding job from zone 27, and JA6ZPR was the top Multi-Single in Japan. Outstanding performances were turned in by many teams. Some of the rarer ones appearing in many logs were VQ9X, XU7MDY, B4R, BA4T, A71BX, 9K2HN, and ZM4A.

The continental winners were: North

America VP5DX, Africa CN3A, Asia P33W, Europe 9A1P, Oceania AH2R, South America FY5KE, Japan JA6ZPR, and U.S. K9RS/3.

Multi-Two

Multi-Two is almost as much work as Multi-Multi. You need to have two stations manned all the time and move them correctly as the propagation changes. Doing this smoothly takes a skilled crew. AO8A was such a crew. The EA8, OH, and ES team members finished #1 in the world. Traveling down to HC8N finds the QTH of the world's #2 score. The HC8N QTH has always finished at the top or just after it. Finishing just a few QSOs behind was the all Slovakian team of C50C. It was a very nice to see their entry in the MM category. First place in Europe went to long-time top finisher IR4X. They have been having a good time on a mountaintop in central Italy for a very long time. Second place in Europe went to T93J. Their signal sure was booming into the U.S. It was also very nice to see T70A take third place in Europe. WE3C's station in eastern Pennsylvania has

TOP SCORES

WORLD
SINGLE OPERATOR
ALL BAND
8P5A 11,963,439
VY2ZM 9,571,348
P40W 8,447,550
CU2A 7,556,754
VC3J 7,361,332
P40PA 6,535,684
K5ZD/1 6,200,384
VC3A 6,160,480
M6T 6,149,240
PZ5XX 5,876,735

28 MHz
LU1HF 675,610
ZW5B 533,006
LR4E 429,142
YM2W 383,990
PP5AMP 379,154
PY2YU 366,080

21 MHz
ZX5J 2,265,642
4X2M 1,230,438
P43A 1,086,075
ZF2AH 805,250
YTØZ 811,944
ZC4LI 795,417

14 MHz
CN4P 1,939,653
9Y4D 1,506,832
IG9R 1,416,354
4L6AM 1,363,154
S57AL 1,156,869
CT1JLZ 1,145,700

7 MHz
9Y4W 906,696
S53F 847,134
EA8/OH4NL 772,412
OK5R 752,669
YT8A 575,688
F5FLN 452,751

3.7 MHz
4L4WW 568,294
F6CTT 509,715
CN2FB 450,723
OE4A 426,528
OHØB 371,800
OK7M 320,952

1.8 MHz
CN2R 268,300
CN2FF 207,466
SN3R 152,800
SO2R 146,775
LY2IJ 137,396
S57M 98,296

LOW POWER
ALL BAND
PAØA 7,551,060
TA3D 5,695,606
HI3T 4,035,285
A45WD 3,398,140
5B/HA5PP 2,807,124
ZPØR 2,690,604
XE1CQ 2,680,610
CT6A 2,291,170
CN2BC 2,196,784
IZ2FOS 2,108,160

28 MHz
PU2LSM 306,915
PY2CX 221,548
LU8EOT 212,990
EA8TX 176,072
PY2ZY 128,790
LU6FOV 110,482

21 MHz
6V7G 1,178,590
ZD7X 796,095
HI3K 555,660
CO8LY 499,072
UXØFF 442,336
YE1AA 404,586

14 MHz
9N7JO 830,825
T99W 696,608
HC1JQ 566,370
LZ9X 531,690
9A3B 508,698
AO6DD 440,564

7 MHz
UZ7M 298,197
WP3C 274,281
T99D 208,361
IZ3FJZ 183,680
HI3CCP 164,400
SO6V 142,440

3.7 MHz
UA9BA 88,400
YUØU 81,810
YO5KDX 70,798
YT8T 67,284
YU7W 68,338
LZ2JA 65,040

1.8 MHz
YMØT 125,658
IO1T 85,262
4L2M 65,067
4O/DD5FZ 45,360
SP4XQN 43,026
UA2FT 28,917

QRP
ALL BAND
IK5RUN 504,878
KR2Q 385,528
KA1LMR 384,780
M3RCV 381,888
S59D 291,332
NØKE 256,520
RX1CQ 253,044
YP8A 240,160
EA3FF 237,744
JR4DAH 231,716

ASSISTED
ALL BAND
RU9WX 6,758,725
ERØWW 6,682,662
UU7J 6,669,255
FM/K9NW 6,622,850
LX7I 5,601,662
UT7QF 4,755,642
DK1MM 4,435,480
K3OO 4,385,310
HG3DX 4,125,438
HA8JV 4,074,828

MULTI-OPERATOR
SINGLE TRANSMITTER
CN3A 19,240,832
FY5KE 18,852,327
P33W 15,931,106
ZY7C 11,033,880
CQ3T 10,224,810
9A1P 10,226,322

MULTI-OPERATOR
TWO TRANSMITTER
AO8A 29,114,691
HC8N 27,743,450
C5ØC 27,630,123
PJ4E 18,789,080
IR4X 15,502,044
P3F 15,277,836

MULTI-OPERATOR
MULTI-TRANSMITTER
TS6A 27,154,904
CQ9K 25,935,957
V26B 20,678,280
K3LR 16,925,727
KC1XX 16,330,230
DR1A 16,111,326

UNITED STATES
SINGLE OPERATOR
ALL BAND
K5ZD/1 6,200,384
NN3W 5,378,268
N1LI 4,883,592
K4ZW 4,715,200
K3CR 3,903,200
W3BGN 3,309,021
AA1K/3 3,095,859
W9RE 3,055,964
K5TR 2,864,180
K1TO/4 2,771,835

28 MHz
W5PR 53,055
W2RR 13,240

21 MHz
KU2M/3 693,680
N4BP 327,168
N5ZK 122,570
KC7V 66,123
W6SR 48,060
KI7DG 2,624

14 MHz
K2XA 749,760
W7WA 733,894
N7DD 492,466
K4SSU 400,299
K1IM 295,152
W9NY 213,486

7 MHz
N4PN 375,328
N5JB 71,190
KU8E/4 51,207
WØGJ 50,161
ND8DX 41,419
N6AN 40,964

3.7 MHz
AA1BU 184,080
K3ZJ/8 49,777
K7ZV 35,506
WA4TII 32,476
KØKT 27,720
K4KZZ 26,080

1.8 MHz
K3BU/8 37,179
W2VO 7,425
AA4MM 4,653
N6IG 2,220
WW2DX 2,210
K4ADR 1,740

LOW POWER
ALL BAND
K1BX 1,634,500
N1UR 1,364,270
N5AW 1,094,904
N4TZ/9 1,058,293
K3TC 869,000
K2PS 828,714
KU1CW/Ø 815,760
N1PGA 681,264
W1JQ 636,870
W4TAA 588,848

28 MHz
W5DJT 5,760
W4GRW 3,660
AA5JG 2,929
N1HRF 1,950
KC8IMB 592
W6GMT 324

21 MHz
W3/T98T 152,064
KK1KW 140,790
N1NK 112,100
K5FP 106,148
N4IJ/5 103,912
K4SQR 82,080

14 MHz
K2MFY 164,970
N4MO 126,630
N4DL 119,560
W7FP 102,297
W4LC 91,271
N3GH 74,900

7 MHz
W4EEH 35,020
WAØKDS/7 16,900
KE2SD 5,658
NR8U 1,050

3.7 MHz
K2YEH 18,881
K8DO 14,674
KU4BP 3,096
WA6WPG 624

QRP
ALL BAND
KR2Q 385,528
KA1LMR 384,780
NØKE 256,520
N1TM 111,370
W6QU 104,958
K8ZT 103,713
KB3TS 102,884
NDØC 89,265
KT8K 46,690
WBØIWG/3 35,520

ASSISTED
ALL BAND
K3OO 4,385,310
K3WW 3,691,752
K2NG 3,565,082
W4WTB 3,206,060
WB9Z 2,572,647
KQ3F 2,228,880
W1GD/2 2,199,036
N4WW 2,149,035
AA3B 2,145,220
N8TR 1,914,864

MULTI-OPERATOR
SINGLE TRANSMITTER
K9RS/3 4,504,524
W3UA/1 3,963,246
K8AZ 3,372,811
K5NA 3,186,414
K3EST/4 3,071,442
N1MM 2,672,544

MULTI-OPERATOR
TWO TRANSMITTER
WE3C 8,799,505
KI1G 5,689,680
W4RM 4,864,384
N2RM 3,993,606
K2LE/1 3,239,991
W1HH 2,917,830

MULTI-OPERATOR
MULTI-TRANSMITTER
K3LR 16,925,727
KC1XX 16,330,230
W3LPL 12,533,290
NQ4I 8,689,920
K1TTT 8,090,907
W3PP 5,391,372

EUROPE
SINGLE OPERATOR
ALL BAND
CU2A 7,556,754
M6T 6,149,240
4O3A 5,825,955
ES5TV 5,564,372
S5ØA 5,129,305
T93M 4,750,070
MIØLLL 4,656,816
EA4KR 4,481,695
GW4BLE 3,989,718
OF8X 3,698,400

28 MHz
T93O 189,588
S58D 171,360
GØAEV 120,119
S57S 97,328
CU2AF 50,150
IT9YVO 26,432

21 MHz
YTØZ 811,944
E7/DK6XZ 732,540
9A4W 636,216
S53MM 627,669
YT3M 617,091
IZ8DPL 487,859

14 MHz
S57AL 1,156,869
CT1JLZ 1,145,700
S5ØK 1,135,134
YT9A 989,800
OHØR 880,230
YT1BB 873,318

7 MHz
S53F 847,134
OK5R 752,669
YT8A 575,688
F5FLN 452,751
SN8R 285,868
RU4SS 225,862

3.7 MHz
F6CTT 509,715
OE4A 426,528
OHØB 371,800
OK7M 320,952
YT3A 249,472
LN9Z 195,676

1.8 MHz
SN3R 152,800
SO2R 146,775
LY2IJ 136,612
S57M 98,296
DF2UU 52,041
YO5OEF 40,880

LOW POWER
ALL BAND
CT6A 2,291,170
IZ2FOS 2,108,160
OM5CD 1,671,056
F4BKV 1,568,043
LY9A 1,499,496
ISØ/K7QB 1,443,520
G4BUO 1,329,525
S51F 1,158,968
YO3FRI 1,091,222
UR5FEL 1,001,728

28 MHz
IWØHBY 87,344
LZ1ND 82,418
SP3LWP 54,720
DH8BQA 54,004
EA6DX 53,406
LZ1NG 48,149

21 MHz
UXØFF 442,336
4N7N 400,225
OM5XX 247,500
EH7R 239,444
RA6YY 201,465
SO9L 189,696

14 MHz
T99W 696,608
LZ9X 531,690
9A3B 508,698
AO6DD 440,564
IQ8OM 394,267
EA7TN 357,700

7 MHz
UZ7M 298,197
T99D 208,361
IZ3FJ 183,680
SO6V 142,440
SN3X 112,454
ES7GM 96,459

3.7 MHz
YUØU 81,810
YO5KDX 70,798
YU7W 68,338
YT8T 67,284
LZ2JA 65,040
S56Y 58,598

1.8 MHz
IO1T 85,262
4O/DD5FZ 45,360
SP4XQN 43,026
UA2FT 28,917
YZ8A 25,862
UA6AIW 14,490

QRP
ALL BAND
IK5RUN 504,878
M3RCV 381,888
S59D 291,332
RX1CQ 253,044
YP8A 240,160
EA3FF 237,744
DF1DX 218,790
HA6IAM 218,595
YO3APJ 192,185
EA1GT 160,752

ASSISTED
ALL BAND
ERØWW 6,682,662
UU7J 6,669,255
LX7I 5,601,466
UT7QF 4,755,642
DK1MM 4,435,480
HG3DX 4,125,438
HA8JV 4,074,828
S57DX 3,807,725
TM7F 3,774,157
DLØW 3,255,530

MULTI-OPERATOR
SINGLE TRANSMITTER
9A1P 10,226,322
9A7A 9,535,840
9A1A 9,189,582
HG6N 9,027,640
OM8A 8,579,935
EI7M 8,101,730

MULTI-OPERATOR
TWO TRANSMITTER
IR4X 15,502,044
T93J 10,662,225
T7ØA 7,075,504
DQ4W 6,157,164
EE2W 5,936,068
OMØM 5,215,804

MULTI-OPERATOR
MULTI-TRANSMITTER
DR1A 16,111,326
DFØHQ 14,486,344
TM6M 12,314,808
1A3A 12,240,173
OT5A 11,060,052
LZ9W 10,229,700

Vinko, S53F, finished #1 Europe 7 MHz, #2 world.

made a big splash. We think we will hear a lot more from WE3C. Second place went to the Rhode Island powerhouse of KI1G. Third place in the U.S. again went to the central Virginia team at W4RM. There were several stations that put rare multipliers on the air and made big scores: 3DAØWW, EKØB, B4B, B3C, VR2C, P3F, and 4XØC. Good job.

The continental winners were: North America WE3C, Africa AO8A, Asia P3F, Europe IR4X, Oceania AH6XX, South America HC8N, Japan JA1YPA, and U.S. WE3C.

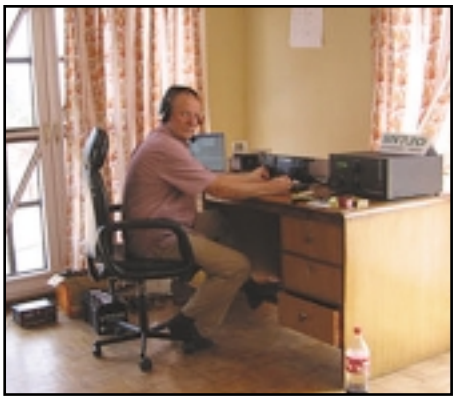
Multi-Multi

Entering the Multi-Multi category is always a challenge. Finding a suitable place to set up a fully integrated MM is no easy task. Months of planning the station site, gathering operators together, and waiting to see what nature deals you makes for a combination of satisfaction and excitement.

The world top position in this difficult category went to TS6A. Stepping up from last year's M2 effort to MM was successfully accomplished by this fine team. Several of the team's members have put 3V on the air before, and they put their knowledge to good use. Another zone 33 station, CQ9K, put up a very big score to take second place world. A lot of hard work, months and months of planning, paid off. The sixteen operators included ten CT3s! Their location overlooking the ocean sure helped their fine effort. Finishing in the third position in the world was perennial North American champion V26B. What a great job this long-running competitor always puts together.

The battle of the MM 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 #4. The competition in the U.S. for MM is really a fierce, friendly fight. K3LR made all the right moves and that was enough to edge out KC1XX and take the U.S. Multi-Multi crown. In second place was Matt's team, KC1XX, in southern New Hampshire, and in third place was Frank's crew, W3LPL, in central Maryland.

The German team at DR1A again talked their way to the number one position in Europe. What a splendid effort they always put in. The competition between DR1A and DFØHQ is a *real* fight. Second place



Stig, 9N7JO, came in #1 world 14 MHz.

TOP SCORES IN MOST ACTIVE ZONES

ZONE 3
K7RL.....1,650,724
K6NA.....1,193,959
K5RR/7 1,107,645
K6XX.....871,500
W6PH.....782,000
W7WA.....733,894
WA7LT 513,360
N7DD 492,466
VE7SZ.....481,217
N7TT 417,196

ZONE 4
W9RE.....3,055,964
K5TR.....2,864,180
N2IC/5.....2,712,103
KØKX.....1,346,345
KØSR 1,114,990
*N5AW 1,094,904
N8BI 1,042,389
N4TZ/9 1,058,293
WD5K.....1,008,000
W8MJ.....1,042,389

ZONE 5
K5ZD/1.....6,200,384
NN3W 5,378,268
N1LI 4,883,592
K4ZW 4,715,200
K3CR 3,903,200
W3BGN.....3,309,021
AA1K/3.....3,095,859
K1TO/4.....2,771,835
N2LT 2,569,716
K3ZO.....2,441,664

ZONE 14
CU2A 7,556,754
M6T 6,149,240
MIØLLL.....4,656,816
EA4KR 4,481,695
GW4BLE 3,989,718
GM7V.....3,630,468
DJ8OG 3,572,475
EA4KD 3,359,840
DJ4PT 3,015,408
ON9CMV.....2,994,176

ZONE 15
4O3A.....5,825,955
ES5TV.....5,564,372
S50A 5,129,305
T93M.....4,750,070
OF8X.....3,698,400
SO6X 2,576,146
II4A.....2,227,350
IZ2FOS 2,108,160
LY9Y 1,971,327
OF4R 1,874,740

ZONE 16
RW1AC.....3,590,958
UT5UGR 2,806,695
US5D 2,132,268
RG3K 2,004,367
RS3A.....1,950,984
UA4FER.....1,720,251
RN4AA.....1,373,982
RN3ZC 1,339,104
*UR5FEL.....1,001,728
*RV6LFE.....826,896

ZONE 20
*TA3D 5,695,606
*5B/HA5PP ..2,807,124
SV9GPV.....2,120,560
YR1C 1,422,672
4X2M.....1,230,438
*YO3FRI.....1,091,222
LZ5A 894,250
*YO3CZW 816,928
*LZ9X 531,690
YM2W 383,990

ZONE 25
JH4UYB 2,585,024
JF2QNM.....1,040,514
JA2PAC 1,007,760
JA7NVF.....818,496
JI2KXK 599,297
JR3NZC 488,128
JS3CTQ 464,677
JA1ELY 463,710
JF1LFX 460,965
JR7WAB 451,470
**Low Power*

Peter, K2PS, was the top Low Power All Band entrant from 2-land.

Jerry, WB9Z, always does well in the CQ WW contest.

in Europe was taken by the well-known club station of DFØHQ. Third place in Europe went to the French team operating from TM6M.

The Chinese teams of B7P and B1Z made a big effort which allowed many contesters to log a new one. The mountaintop QTH of JR5VHU showed its muscle by taking first in Japan, edging out JA3YBK. Over in Europe, 1A3A was a new one for thousands. This was the first activation of the Sovereign Order of Malta in the CQ WW.

The continental winners were: North America V26B, Africa TS6A, Asia JR5VHU, Europe DR1A, Oceania KH7X, South America YV4A, Japan JR5VHU, and U.S. K3LR.

New Records

Take a look at the record list at the CQWW.com site. You might find that you have a chance to take on the personal challenge of going for a new record. If you discover an error in the record list, please document it and let us know at <questions @cqww.com>. Below are the outstanding efforts of super operators which resulted in setting new SSB records during the 2007 contest. Congratulations to all!

World: L1.8 YMØT (TA2RC); Q7 KP4KE; A3.7 OM5M; A7 ZL3A. **North America:** Q7 KP4KE; A7 FM5FJ. **Africa:** None. **Asia:** 3.7 4L4WW; LA TA3D; L14 9N7JO (LA7JO); L1.8 YMØT (TA2RC); Q7 4X/UU4JKY; A7 RW9USA; A1.8 RN9AA; M2 P3F. **Europe:** 3.7 F6CTT; 1.8 SN3R; L7 UZ7M; L1.8 IO1T; A3.7 OM5M. **Oceania:** 3.7 KH7B (K4XS); A7 ZL3A. **Japan:** 3.7 JH1OGC. **U.S.:** A7 NX5M

Team Contesting

Five contesters from anywhere in the world can join together to form a team. The number 1 team was aptly named Widespread Panic—probably panicked about the conditions, but not to worry, as the CQWW creates its own propagation. Four-fifths of the team was from North America. Second place went to the LU Contest Group. They really had an international team. Third place went to the boys from Finland operating as Contest Club Finland, Team Mannerheim. Besides sending a FAX (516-681-2926) or snail mail to *CQ*, you can submit your team list to <teams@cqww.com>. You will receive an acknowledgement.

1. Widespread Panic: P40PA (W4PA), 8P5A (W2SC), VY2ZM (K1ZM), FM/K9NW, K4ZW, **39,408,521**.

2. LUCG #1: P40W (W2GD), KG6DX, LT1F (LU1FAM), LR2F (LU5DX), CX6VM, **22,834,241**.

3. Contest Club Finland, Team Mannerheim: PZ5XX (OHØXX), OF4R (OH4JFN), OF6NIO (OH6NIO), OF8X (OH6UM), CU2A (OH2UA), **20,374,312**.

4. Carolina DX Association: AA4S, KZ2I/4, N4PQX, W3OA/4, W4WTB, **7,656,542**.

5. KTU RC: LY1R, LY4T, LY6A, LY9A, **3,477,352**.

6. VKCC Koalas: VK6DXI, VK3TZ, 9M2CNC, VK4EMM, **2,368,241**.

7. Contest Group du Quebec: VE2XAA, VA2WDQ, VE2AWR, VE2HIT, VA2SG, **1,063,173**.

8. KOTA Group: DO1YCL, DC2YY, DL1REM, **984,346**.

Special Mention

Among the 286 countries on the air for the CQ WW weekend were the following stations, many of which you may have logged. They were just some of the rare stations that made the contest more interesting for everyone by going on DXpeditions or providing rare callsigns. They are: 1A3A, 3A2MG, 3B8GT, 3DAØWW, 3V8SS, 4O3A, 4K9W, 4L6AM, 4L2M, 4O/DD5FZ, 4U1WRC, 4XØC, 4XØM, 4X2M, 5B/HA5PP, 5C5W, 5H3EE, 5K4C, 5R8FU, 5Z4/YT1CS, 6V7G, 6W1RY, 6W1SE, 6Y1V, 7XØRY, 8P5A, 9K2HN, 9K2K, 9M2CNC, 9M2GCN, 9M4DXX, 9M6LSC, 9M6NA, 9M8YY, 9N7JO, 9V1DE, A35RK, A45WD, A52K, A61C, A61HH, A71BX, AF7DX/KH2, AH2R, AO8A, B1Z, B4R, B7M, B7P, BA4T, BV2B, BX5AA, C31LJ, C4I, C4M, C50C, C6APR, C6AQW, CCØY, CN2FB, CN2FF, CN2R, CN3A, CN4P, CQ3T, CQ9T, CT9L, CU2A, D9K, DX1DBT, E21EIC, E51NOU, ED5ON/EA6, EKØB, FM/K9NW, FS/K1XM, FY5YE, HBØ/HB9AON, HC8N, HH2FYD, HI3CCP, HI3T, HQ9R, HSØZDG, HV5PUL, HV50VR, HZ1GW, IF9A, IG9R, IMØ/ IKØFMB, IR8Y, ISØ/IQØAL, ISØ/K7QB, IU9A, J3A, J88DR, JD1BIA, JT1DA, JT1VV, JU1F, LX/LY3Z, LX8M, MD9Y, MMØXAU, MUØFAL, MUØGSY, NHØDX/NH2, OHØ/ SP7VC, OHØB, OHØJFP, OHØR, P33W, P3F, P3J, P40A, P40PA, P40W, PJ2T, PJ4E, PZ5XX, ST2M, SU8BHI, SV9COL, SV9GPV, SX5P, T48K, T6EE, T70A, TA1CM, TA2IB, TA3D, TA7KA, TF3AM, TF8GX, TI5N, TS6A, TT8HA, UK9AA, V26B, V4/NE1RD, V47KP, V51YJ, V8AQM, V8FEO, VP2MDG, VP5DX, VP5T, VP8CXV, VP9I, VQ9X, VR10XMT, VR2C, VR2DS, VU2PTT, VU2SWS, VU3DJQ, WH2D, WP2/AH8DX, WP2Z, XR6T, XU7MDY, XV1X, XW1A, XW3DT, YM2W, YMØT, XX9AU, ZA/IW2JOP, ZB2FK, ZB3B, ZC4LI, ZD7X, ZD8N, ZF2AH, ZL7/DL2AH, ZM4A, and ZS9X.

Congratulations to China for hosting the 2008 summer Olympic

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
8P5A	262/14/38	777/21/82	1153/29/104	2093/30/123	2499/27/100	924/22/71
VY2ZM	498/17/75	523/20/81	751/26/97	2109/32/111	1868/27/111	23/12/19
P4ØW	147/12/29	519/22/79	593/24/87	1343/28/101	1851/26/97	1018/19/42
CU2A	213/10/49	512/22/83	1011/21/87	1697/36/117	2601/30/112	168/15/ 51
VC3J	238/13/28	629/22/76	485/24/77	1789/34/129	1706/28/115	214/12/28
P4ØPA	27/5/10	430/19/55	404/16/61	1529/24/88	2026/21/87	852/18/42
K5ZD/1	73/11/39	264/20/84	320/22/81	1590/38/124	1275/26/112	103/13/38
VC3A	237/9/23	633/18/66	595/22/75	1712/33/126	1220/25/111	162/12/34
M6T	207/14/52	1073/24/92	549/25/90	1485/37/112	1385/34/122	282/15/63
PZ5XX	23/9/17	192/17/38	408/25/79	722/29/100	1946/28/110	604/21/72

USA TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
K5ZD/1	73/11/39	264/20/84	320/22/81	1590/38/124	1275/26/112	103/13/38
NN3W	59/12/33	241/20/71	550/25/91	1346/34/132	1076/26/111	98/11/36
N1LI	65/11/37	374/22/84	259/24/78	1330/31/111	967/23/107	119/13/33
K4ZW	45/9/27	287/20/80	456/25/86	1149/34/113	1069/25/100	79/12/29
K3CR	53/13/32	305/18/74	199/22/71	1035/34/112	921/25/94	107/15/34
W3BGN	65/13/42	205/22/76	181/22/61	964/32/103	821/25/96	72/8/23
AA1K/3	43/9/26	150/19/57	171/20/59	795/28/105	1068/24/103	72/10/27
W9RE	51/13/30	178/20/64	260/24/82	803/29/115	741/28/105	93/14/39
K5TR	19/9/15	140/19/53	357/28/79	494/26/90	1300/32/110	124/14/42
K1TO/4	25/7/19	171/15/51	325/24/77	870/27/105	949/30/99	30/7/10

WORLD MULTI-OPERATOR SINGLE TRANSMITTER

CN3A	69/10/60	761/23/102	1161/27/108	2266/38/145	3826/35/145	362/23/90
FY5KE	188/14/58	533/24/88	958/32/118	1824/35/144	3125/33/138	1554/23/100
P33W	393/12/69	760/22/99	1370/27/115	1806/32/141	2545/33/140	620/16/72
ZY7C	49/9/28	417/22/87	692/27/90	1469/33/131	3220/31/126	141/17/59
CQ3T	28/6/24	333/18/86	732/22/83	1550/34/121	3211/30/124	52/18/52
9A1P	312/15/76	919/21/98	1036/31/123	2158/38/153	1619/36/154	511/24/104

USA MULTI-OPERATOR SINGLE TRANSMITTER

K9RS/3	53/12/37	298/23/82	173/23/83	1183/33/123	966/29/128	71/13/36
W3UA/1	27/10/21	201/22/77	231/25/88	1457/34/129	586/24/118	32/11/32
K8AZ	33/12/30	149/25/78	200/26/91	686/36/133	803/30/126	117/16/44
K5NA	22/12/20	114/24/66	316/28/87	502/36/128	1078/31/123	171/18/54
K3EST/4	36/8/23	111/20/64	360/21/85	1257/33/126	454/24/100	24/11/23
N1MM	28/7/17	148/18/61	258/25/90	595/31/126	596/25/119	134/14/41

WORLD MULTI-OPERATOR TWO TRANSMITTER

AO8A	173/11/57	1248/24/105	2017/30/114	3022/37/150	4777/34/150	852/24/107
HC8N	205/14/32	1113/27/97	1785/31/121	2752/34/137	4627/34/138	2155/25/85
C5ØC	135/11/47	816/22/89	1977/31/108	2463/38/153	4750/37/151	1896/23/107
PJ4E	176/12/28	746/21/68	1853/30/108	2704/35/133	3326/31/130	1206/21/63
IR4X	150/10/61	1063/25/104	1718/33/131	3108/39/155	2589/38/157	476/23/103
P3F	349/9/62	729/17/84	1767/35/126	1804/36/125	2414/33/141	431/18/75

USA MULTI-OPERATOR TWO TRANSMITTER

WE3C	71/15/51	627/25/101	656/26/103	1812/37/145	1319/27/129	115/14/42
KI1G	53/10/33	297/21/81	293/24/86	1499/31/126	1095/27/125	157/16/48
W4RM	56/12/33	372/23/85	516/25/94	1311/33/127	670/27/114	135/12/38
N2RM	21/7/14	123/20/62	179/22/69	1406/30/115	1047/26/118	95/11/33
K2LE/1	25/9/18	154/19/68	323/25/95	929/34/134	570/25/118	126/16/40
W1HH	34/10/17	307/21/83	248/24/85	821/30/117	628/25/120	57/11/27

WORLD MULTI-OPERATOR MULTI-TRANSMITTER

TS6A	446/11/75	1714/24/96	1832/32/118	3545/36/140	3060/36/134	1166/22/88
CQ9K	229/13/70	951/24/102	1904/34/128	2709/37/145	3998/34/150	818/26/110
V26B	315/12/42	1492/24/97	2134/26/113	3261/33/133	3705/29/117	1416/24/71
K3LR	392/18/60	1015/28/105	1277/32/123	3273/39/169	2018/32/146	369/20/61
KC1XX	231/15/50	862/28/110	894/28/109	3257/39/168	2365/28/147	353/20/63
DR1A	940/11/76	2133/25/110	2395/34/136	3059/39/154	1836/35/155	905/22/106

USA MULTI-OPERATOR MULTI-TRANSMITTER

K3LR	392/18/60	1015/28/105	1277/32/123	3273/39/169	2018/32/146	369/20/61
KC1XX	231/15/50	862/28/110	894/28/109	3257/39/168	2365/28/147	353/20/63
W3LPL	309/17/62	844/24/104	1144/29/121	2355/39/153	1660/32/139	256/18/56
NQ4I	128/13/33	432/26/95	706/29/110	1986/38/144	1477/32/137	251/19/54
K1TTT	234/13/43	700/25/99	689/27/104	1804/36/143	1112/27/125	308/20/57
W3PP	78/13/37	228/21/74	389/25/92	931/31/125	1447/26/128	201/16/48

Games and providing a record number of stations on the air during the 2007 contest. We hope the number continues to grow. Please check out the dramatic increase in activity from China, Indonesia, Thailand, and all of Europe.

Comments

Conditions were far from excellent for the contest. In spite a very limited 10-meter band, as was mentioned in the introduction, the number of entrants in the SSB contest set an all time high! In the 2007 CQ WW SSB test 4862 electronic log submissions were received! Almost all were submitted perfectly, without our help. Your continued submission of an electronic log allows for a more detailed data base and fairer adjudication.

Your UBN/NIL report this time will look a little different. We have tried to simplify it. It still contains all the information which will allow you to improve your operating skills. In addition, we have again provided open logs so that you can learn about propagation and how the top scores do their operating. There is an added reason to submit an electronic log. We have a copy in case you suffer a computer failure. Last year we helped four contesters retrieve their lost log. Our thanks to all the entrants who took taken the time to create a successful electronic submission.

Submitting an electronic log is easy. Send your SSB log and summary 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, A45WD.cbr. If you did everything OK, you will get back an acknowledgment. If there was 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 us, or if you are having submission problems, we can help you at <questions@cqww.com>. It bears repeating that if you make a mistake on your first submission, you can resubmit your log. It will replace the first submission.

If you have the capability with your logging program, please submit a log with exact frequencies. Exact frequencies help in the log checking and help with statistical analysis of band openings.

It is an exciting time in contesting. There have been recent advances in remote radio control and CW decoding software. Both of these interesting advancements will surely impact future contesting. Remote radio control is already addressed by the present rules: The operator can be anywhere, but the station must comply with the distance rule—i.e., all receivers, transceivers, and antennas must comply with Rule III. Remote radio control offers a new window of opportunity for radio stations located anywhere to make their stations available to apartment/city-bound contesters. Who knows? Someday you may be able to operate remotely from the Caribbean without leaving your condominium in London! Computer decoding of CW, aka skimmer, will be addressed in next month's CW results and in the 2008 rules.

You can help us a great deal by double-checking your Cabrillo submission. Please make sure the correct category is indicated and the call you used in the contest is shown. If you submit a single-band entry, please check to see that your chosen entry matches what is in your log. A lot of time is spent correcting these potential "not in log" problems. The CQ WW has few requirements: Write down the callsign of the station you are talking to, claim the correct category, and do not self-spot. It's not hard.

Thanks

The CQ WW Contest Committee wants to thank all the entrants who make the CQ WW *the* event each year. It is because of you that the CQ WW is so much fun. The CQWWCC tries to assure that the results are true and accurate. This work is accomplished by lots of people on the committee. The members of the CQWWCC provid-

EUROPE TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
CU2A	213/10/49	512/22/83	1011/21/87	1697/36/117	2601/30/112	168/15/51
M6T	207/14/52	1073/24/92	549/25/90	1485/37/112	1385/34/122	282/15/63
4O3A	234/11/56	640/19/82	597/27/97	1721/32/116	1402/35/121	450/15/70
ES5TV	487/12/64	637/21/88	1157/30/116	1984/39/129	1128/27/104	188/11/51
S5ØA	163/10/59	528/16/70	1126/33/113	1071/37/113	1283/30/102	153/15/57
T93M	251/9/54	462/12/66	747/21/86	1645/32/104	1327/31/102	491/17/65
MIØLLL	278/12/54	542/17/79	674/24/90	1327/29/109	1317/24/100	245/7/39
EA4KR	24/3/20	331/16/71	674/23/81	1659/30/104	932/31/94	371/14/48
GW4BLE	103/5/45	576/14/66	617/20/83	1245/29/99	1046/23/80	215/13/52
OF8X	171/8/49	307/18/65	460/23/84	2110/35/109	444/22/85	147/6/32

EUROPE MULTI-OPERATOR SINGLE TRANSMITTER

9A1P	312/15/76	919/21/98	1036/31/123	2158/38/153	1619/36/154	511/24/104
9A7A	195/11/70	931/23/103	1013/32/121	2190/39/149	1593/37/152	386/21/98
9A1A	257/12/71	906/19/100	905/28/121	1720/36/146	1671/37/151	800/26/112
HG6N	361/12/68	818/20/96	983/30/128	2280/38/147	1662/37/151	244/19/93
OM8A	223/14/67	526/28/100	1030/33/127	1903/38/158	1606/37/156	325/18/89
EI7M	257/12/58	765/20/95	759/28/111	2342/36/141	1965/30/131	319/20/72

EUROPE MULTI-OPERATOR TWO TRANSMITTER

IR4X	150/10/61	1063/25/104	1718/33/131	3108/39/155	2589/38/157	476/23/103
T93J	465/11/67	1130/22/92	1462/32/113	2334/38/147	2364/36/147	617/17/83
T7ØA	484/8/57	1408/16/80	1823/25/106	1700/33/114	1948/32/117	753/10/54
DQ4W	302/8/59	682/17/84	997/31/114	1755/39/142	975/35/132	323/18/75
EE2W	307/10/56	849/20/90	685/28/103	1790/35/126	1368/34/128	591/15/56
OMØM	284/12/61	487/20/88	822/30/117	1409/36/129	1156/38/142	449/15/60

EUROPE MULTI-OPERATOR MULTI-TRANSMITTER

DR1A	940/11/76	2133/25/110	2395/34/136	3059/39/154	1836/35/155	905/22/106
DFØHQ	925/14/75	1797/24/105	2804/36/136	2817/40/168	1634/35/157	814/23/113
TM6M	423/9/55	1214/22/101	1917/28/115	2975/38/144	1768/32/137	898/21/90
1A3A	649/6/60	1398/17/90	2930/30/117	3315/36/141	2349/33/137	1201/19/83
OT5A	952/12/70	1972/21/90	2131/36/126	2519/39/151	1126/30/121	902/22/95
LZ9W	582/9/64	997/21/95	2054/33/130	2434/34/139	2362/36/130	538/23/79

ing their expertise are K1DG, K1AR, K3LR, K3WW, K3ZO, K5ZD, K6AW, KM3T, KR2Q, KT3Y, N2AA, N2NC, N2NT, N3ED, N5KO, N6AA, N6TR, N6TW, N8BJQ, N9RV, W3ZZ, W5GN, W5OV, and W6OAT. Our DX members and advisors are CT1BOH, DL6RAI, EA3DU, F6BEE, G3SXW, I2UIY, JE1CKA, OH2KI, OH2MM, PY5EG, S50A, UA9BA, VA7RR, VE3EJ, and E21EIC.

After many years of leading the way in log checking, Dick, N6AA, has decided to pass the CQ WW log-checking baton. Everyone owes a debt of gratitude to Dick for the enormous personal commitment he has made over the years to make the CQWW results as accurate as possible. Stepping up to the plate to carry on the important task of receiving and processing the logs is Ken, K1EA. Dick and Ken have worked together to make the transition as smooth as possible. A special thanks to Larry, N6TW, who provided the website UBN listing and to Barry, W5GN, who allows the CQ WW certificates to be produced and in your hands in a very timely manner. The CQWW records are maintained by N2NC, K3EST, and W5GN, and the All-Time Records by K6SSS. Thanks to John, K1AR, for his advice and hard work to make the CQWW so successful.

Congratulations to all the participants on all levels! We look forward to seeing you in the 2008 contests! 73, Bob, K3EST

DX QRM

My second CQWW at all and the first one on 80m. Great contest. Could be more lucky with the second day propagation. Invaluable experience for me and looks to be with some decent results. Have almost doubled the Asian record from '99 . . . **4L4WW**. We had a great time even with our tongue-twister callsign . . . .**6F75A**. Got a bad cold as the contest started, so it became a struggle to keep staying up on the band. Had to limit myself to single band to allow enough rest. Oh, well, there is always next year. Very bad condx experienced from Kathmandu, almost nothing from NA and SA . . . **9N7JO**. Great fun! What a thrill to break 6 meg! 40m was the toughest band. 10m was a great surprise! . . . **A71BX**. We operated as Field Day style on a small hill near a lake. The objective for this operation was to show what the contest is and what DXing is to the local hams. Conditions were terrible.10m is dead and low bands could only work big guns, but we had fun. Looking forward to next one! . . . **BA4T**. Thanks for nice contest. Unfortunately we lost one amp. We will see you next year reloaded . . . **CE1W**. After 13 years since my last CQ WW, here I am for my second participation. My main goal due to my cndx was to make more than 100K points. 7 and 14 MHz were too crowded. Thanks all for the nice contest, also to CT1ETE for the PS50 . . . **CT1ENQ**.

Wow, if this was the sunspot minimum, what will we encounter in five years from now? Contesting is THE challenge in ham radio! . . . **DP6A**. The band a lot of QRN! . . . **E20YLM**. It was the first CQWW for most of the operators and they had a very good time . . . **EH2T**. As usual great moments! . . . **F4ETG**. Wow! Much better high band conditions than expected. Maybe we don't need sunspots after all! . . . **GØMTN**. Really hard work in the low power section. On 20m in particular it was impossible to find and hold a run frequency, so just about all the QSOs were S&P. Things were much easier on 15 and 10m. Is this the first time ever with serious entries from 1AØ, T7, and HV as well as Italy? . . . **G4BUO**. For some operators it was their first ever CQWW SSB Contest and glad to say they all coped admirably. MMØPSA, our youngest operator at 16, took to operating like an old professional and great to see. To us this is what it is all about, getting them involved and into contesting . . .

(Continued on page 100)

Results *(from page 29)*

GM2T. As always CQ WW DX SSB makes its own propagation. Awesome contest with conditions better than predicted. Tnx to all the stations that make contact with HR . . . **HR2DMR**. My first contest in High Power category. For the next time I'll improve my receiving antenna systems and hoping for verticals. Enjoyed 80m for the large number of stations working from all over the world. See You all at the next and remember, no time for sleeping! . . . **IW3SSA**. I enjoyed the contest with the new antennas . . . **JA2TTH**.

Friday and Saturday, as usual. By Sunday morning I was hoping to get to 600 but a terrific opening on 15m with about 4 hours to go and had the best run I think I've ever had. Ended up with over 1000 QSOs. Missed everything on 10m because found the SWR on 10 was out of sight plus couldn't get the amp to tune on 80m. Never even heard a contester on 40 and must have been listening at the wrong times. But that run on 15 was so much fun, unbelievable. Decided to waste my 20 QSOs and enter single band 15m . . . **KH6GMP**. Seemed the contest and the bands came to life Sunday afternoon and the last four hours were the best by far! . . . **KL8DX**. QRP 5W, quite good conditions taking into consideration being at the bottom of the sunspot cycle. I was amazed at how far 5W goes, 59 counties and I did much less than half of the contest! . . . **MØLSK**. First time we have all worked together as a team in this contest, but some of us do get together each year to activate GBØSH special event station. I guess you could say we are the rookies in this category. We had to erect all the antennas and stations, invading a friend's home to do this. Thanks to Rob, MWØRLJ, for allowing us to use his home and farm . . . **MW5W**. This was my first Real contest. Could have done better but didn't take this first attempt too seriously. I concentrated work on 15m. Some good runs there on Sunday which gave me abt half of my total QSOs. Mostly S&P on other bands but frequently checked 15 and 10m for multipliers . . . **OH1JO**. Good activity and nice to work in the contest. Conditions were rather good and I could work some stations on 10m. It is always pleasant to work many known stations . . . **ON5WL**.

Didn't really plan on participating seriously. Started out on Friday logging on a piece of paper. Got the taste again and continued on Saturday morning with a more decent approach. On Saturday I had practically one continuous pile-up from start up till the band closed down. FB conditions on 15 meters thru the weekend . . . **P43A**. We participated in the contest with the motto "fun and education" . . . **PI4ZOD**. Very bad propagation on 15m and therefore very difficult to work QRP power. Thanks to all hams, who worked with me . . . **RA3XEV**. Final club activity with special call SC5L to celibrate 300 years birth of scientist Carl Linnaeus (father of taxonomy) and his work in Uppsala. Next year we will have a beam antenna! . . . **SC5L**. The very first time from our radio club's shack in downtown Las Tunas so we really "enjoyed" the very strong city QRM besides such from multiplier station . . . **T48K**. I only had single vertical dipole and 300W but it went well. My highlight was on 15m at 1400Z when there was a great opening and I had the frequency and there were 3 and 4 QSOs every minute. I was amazed how good ears they had, operators at W7WA, CN3A, and PJ4E, as they were able to copy my weak signal through all the QRM . . . **TF3AM**. This was a "100 Pound DXpedition" so all radios and antennas came with us in checked bags. The lightweight tribander performed very well; the poor terrain thwarted low-band operation. EU, AF, SA, and NA were great. AS and OC never appeared . . . **V4/NE1RD**. This is our 5th year operating Multi-Two in Zone 2. This year we beat last year's QSOs and score. This year the weather cooperated with no snow, freezing rain, or nor'easter storms . . . **VE2DXY**. Considering the huge signals heard from the big guns, it is hard to imagine what the bands will sound like when sunspots return . . . **VE7HA**. Wow, don't know if it can get any harder! 2007 CQWW SSB will go down in history as a long hard slog. But amongst the long almost endless hours of white noise there was some pleasure. C50C long path on 15m was the real highlight. 10m opening to KH6 and W6 in the last few hours another plus, if for only a few fleeting moments . . . **VK4CZ**. Before contest two amps bit the dust (only one working). Lost all 160, 80, 40 antennas first night due to winds from approaching soon to be hurricane. Driving rain killed phone lines, no packet, great fun . . . **VP5DX**.

Despite S9 QRN level thrilled to work so many stations at this point in the cycle with a vertical and 100W! . . . **VU3USJ**. Pleased to see the 10 meters open again. Despite the bottom of the actual solar cycle and my urban location got several nice DX's . . . **YO2IS**. My location had rain storm during the weekend and multiple long power outages which limited the operation time. Many thanks to stations that take time to hear me in the noise . . . **YV6BXN**. The contesting world misses KTØR, who went SK just weeks before the 2007 CQWW SSB contest. Dave was a great friend and a terrific CW/SSB contester . . . **ZD7X**. Another enjoyable contest. Bettered our QSO number of last year at sunspot minimum. We even had a couple of runs on 10 metres but 80 metres was very noisy with continual static . . . **ZM2M**.

USA QRM

I was surprised to have 15m as my main band at this point in the solar cycle . . . **AA6K**. Not much time to do contesting this weekend especially during the day. Decided on a whim to crank up the Henry 2K2 and run about 500 watts. The big surprise was the 10m opening . . . **AD6ZJ**. Not bad for my first serious QRP entry. FT-817 and the ole' tribander at 42 feet. Thanks for the Qs, gang! . . . **AG4RZ**. 10m openings at this time in the cycle were amazing. Made a great contest even more fun! Thanks to all for the QSOs . . . **KØGEO**. Surprisingly good condx for zero sunspots. Seemed at times like the Zone 14 QSO Party. Clearly, the new HF ops in many of those countries are having a positive impact . . . **K1TO**. First contest from the new QTH with real antennas. First contest in a long time with real antennas! A Euro run on 10, Wooo Hooo! Happy Days are here again! . . . **K2EK**. The best part was the last several hours when 15m opened up to the Pacific. Good contest for a sunspot low. I also heard a station calling CQ Field Day near the end but I understood his confusion at that point . . . **K5LAD**. Wow, Morocco on 75 meters. There is life after midnight! . . . **KCØRQH**. Had four new people who had never done contesting before. We all had a good time for a first time effort. Hope to do better next year. Wish 10 meters was in a little while longer, then we heard it was. Oh well, next time . . . **KF4L**. Amazing to hear such propagation at the cycle bottom on 15m here in the southwest USA . . . **KF7E**. Thanks to AO8A for hanging in there to pull me out of the noise on 75m. Africa is not easy to get in October from here on that band and a new prefix to boot made my night! . . . **KS7T**. What a wonderful surprise to have 15m open so strong to Europe on both days. It was also good to work so many new European hams. While it was frustrating to hear the West Coast working Asia and Oceania so easily, it must be true for them as well with the East Coast and Europe. Hopefully next year we'll have some sunspots. Hold on to your hats! . . . **N3RD**. Wow! They call this the sunspot minimum? Then I can't wait for the maximum! . . . **N4KZ**. Zero spots made conditions on 40 to Europe like being on 80! Nothing heard east of Zone 16 and west of Zone 26. Sunday afternoon was great fun handing out points on the high bands . . . **N6AN**. It's amazing how much one-way propagation there was. Either that or there are a lot of poor antennas and receivers out there. Hmmm, couldn't be my signal, could it? . . . **N8WL**. Didn't have time for a serious entry this year. Just played around a little. Conditions were very impressive. 15 meters was incredible at times! Wish I'd had more time to take advantage of the great propagation! . . . **NDØC**. Conditions were good throughout the test. Several nice openings on 15 and 20m. Where was 10m? It didn't show up at my shack . . . **NJ9Z**. DX was so good, I has to check for sunspots! . . . **NNØQ**. In case anyone wants more data to support that a single wire antenna is a bad idea in CQWW here's more proof. 100W and wires is NOT a good idea if you want to be competitive. Had fun anyway! Thanks to all! . . . **NQ3X**. High power 20/15/10. 200 watts 80/40 due to amplifier failure on 80 and 40. 85% S&P. Hard to keep a run frequency. My first time as high power in a contest and the amp died on the bands where it was really needed . . . **W1CTN**. I had a ton of fun operating in my first contest! . . . **W2SFD**. Returned to W4NC after 10 years. Opened our doord to several new operators who got to operate their first contest in the "World Series" . . . **W4NC**. What happened? The bands were HOT . . . **W4NTI**. Who needs sunspots?? . . . **W5UHQ**. The Los Angeles DWP decided to turn my power off about 3 hours before the end of the contest. That's 5 times this month that my power has failed. I'm living in the third world of the Hollywood Hills! . . . **W6AQ**. Conditions were not good and I had to struggle for each Q with my 5 watts and 3 elements. But in the last hour 15m suddenly opened. I had Qs with B7, VR2, E5, 9M8,and VKs, ZLs, and JAs. Maybe that was the start of the new cycle! . . . **W6QU**. Built the SSB board for my K2 just in time for the weekend, which was my first phone contest. Great fun! . . . **W7GH**. Vacuum tubes forever! HF = Collins! . . . **W8JMF**. This was my first CQWW and I had a blast! . . . **W8ZZU**. Not bad for poor propogation. Usually operate from Nevis as V47NS and stayed home because of sunspots this year, but nearly had DXCC worked from Indiana QTH after 24 hours. Wow! . . . **W9NY**. Another great contest. Lots of new players as the bands were swamped as compared to last year . . . **WJ2D**. Condx from my QTH in Denver were good to South America, Japan, and parts of Africa. Very tough to Europe and Asia. Great contest and will be back next year, of course! . . . **WKØP**.

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.)

2007 SSB RESULTS
SINGLE OPERATOR
NORTH AMERICA
UNITED STATES

K5ZD/1	**A**	**6,200,384**	**3625**	**130**	**478**
N1LI	**"**	**4,883,592**	**3114**	**124**	**450**
				(OP: K1DG)	
N1DD	"	850,020	886	88	284
AA1ON	"	803,916	942	84	242
W1OP	"	666,936	719	86	268
W1CTN	"	587,772	656	84	264
W1HIS	"	466,830	560	72	243
N4CW/1	"	400,950	552	63	207
KQ2M/1	"	391,170	844	40	130
W1EBI	"	331,614	468	62	205
W1BYH	"	324,972	407	80	244
NN1N	"	306,803	401	81	206
KB1W	"	253,271	421	55	178
W1AO	"	252,144	362	72	200
KB1PAJ	"	206,700	364	58	154
K1EO	"	202,776	384	60	178
K1SND	"	125,493	321	49	128
K1NOK	"	82,782	253	33	113
W1MAW	"	64,841	227	38	119
K1KU	"	59,346	203	33	93
N1JW	"	46,256	154	30	88
K1SEZ	"	44,902	139	43	100
K1YA	"	39,816	127	40	86
K1TC	"	17,577	92	29	64
K1IM	**14**	**295,152**	**853**	**26**	**103**
K1QS	"	156,914	439	26	108
AB1EP	"	47,348	202	18	71
W1OHM	"	1,914	31	11	22
W1XX	**7**	**24,640**	**125**	**22**	**58**
AA1BU	**3.7**	**184,080**	**569**	**23**	**95**
K1HAP	**1.8**	**4,318**	**127**	**9**	**25**
***K1BX**	**A**	**1,634,500**	**1289**	**105**	**362**
***N1UR**	**"**	**1,364,270**	**1123**	**100**	**354**
*N1PGA	"	681,264	742	76	266
*W1JQ	"	636,870	710	84	261
*W1KT	"	273,600	365	67	218
*K1HT	"	252,720	359	76	184
*K1RM	"	252,358	433	59	170
*K7JE/1	"	213,858	365	64	154
*AB1J	"	149,051	292	53	146
*AK1Q	"	135,917	273	51	148
*K1BV	"	102,678	325	23	86
*KA1VMG	"	76,720	248	34	103
*AI4WB	"	65,184	194	56	112
*KB1JFG	"	63,547	219	27	82
*AE1P	"	57,855	158	45	100
*K1VSJ	"	50,932	162	30	89
*N1DC	"	40,584	147	36	78
*K1VU	"	39,984	165	35	84
*KA1CQR	"	37,855	148	33	80
*AE1T	"	31,410	131	26	64
*W1AIR	"	31,096	109	30	74
*KA1C	"	28,938	121	30	76
*N1ORK	"	26,826	116	31	71
*K1LOG	"	19,952	99	25	61
*K1OQ	"	19,008	84	32	64
*W1CRK	"	17,892	95	22	62
*W2JU/1	"	17,019	72	35	58
*KB1JUF	"	16,068	76	24	54
*KB1FRK	"	15,106	93	25	66
*NJ1Q	"	14,025	84	30	55
*KK1X	"	8,840	66	23	45
*N1SXL	"	3,000	39	17	23
*WB2HTO	"	2,530	43	18	28
*W1SRB	"	1,225	23	15	20
*KB1MIC	"	672	22	11	17
*KB1ILH	"	520	14	9	11
***N1HRF**	**28**	**1,950**	**37**	**7**	**19**
***KK1KW**	**21**	**140,790**	**411**	**25**	**105**
*N1NK	"	112,100	344	23	95
*KB1CJ	"	1,638	25	7	19
*W1DYJ	14	19,368	105	16	56
N2LT	**A**	**2,569,716**	**1921**	**114**	**378**
N2MM	**"**	**1,280,100**	**1246**	**100**	**325**
WA2NHA	"	829,514	1030	70	237
AB3CX/2	"	737,155	761	89	290
K2CS	"	604,476	672	85	263
K2FU	"	503,082	617	83	259
N2GC	"	399,504	459	79	249
K2NV	"	318,750	499	69	181
K2RET	"	311,741	467	66	191
K3QDV/2	"	255,120	459	60	180
KA2LIM	"	157,976	262	61	187
NA2M	"	149,187	272	70	153
N2ED	"	124,344	276	45	153
W2YJ	"	88,740	211	53	117
W2UDT	"	83,148	215	44	112
N2SQW	"	68,045	185	43	112
W2FUI	"	61,533	175	33	96
N2BEE	"	56,280	197	33	101
N2CG	"	43,092	151	38	88
N2WLS	"	34,662	130	33	73
W2FZ	"	34,476	153	30	72
KB2DE	"	9,360	70	18	42
K2GLS	"	6,272	51	15	34
N2USM	"	5,670	58	12	33
K2BET	"	5,568	66	20	44
N2VM	"	1,156	23	14	20
W2RR	**28**	**13,240**	**130**	**11**	**29**
K2XA	**14**	**749,760**	**1746**	**34**	**131**
K2RED	"	11,640	100	6	34
K2MGA	"	8,712	67	13	31
KC2USA	"	3,306	35	11	27
W2XL	7	9,828	74	13	39
W2VO	**1.8**	**7,425**	**66**	**14**	**41**
WW2DX	"	2,210	43	8	18
***K2PS**	**A**	**828,714**	**859**	**76**	**278**
***KV2M**	**"**	**226,800**	**387**	**54**	**171**
*KE2DX	"	184,667	289	58	201
*NM2L	"	111,544	244	61	130
*K2DBK	"	104,880	228	58	132
*AB2TC	"	93,870	245	41	108
*KX2S	"	87,764	226	35	113
*WB2OQQ	"	73,319	196	41	116
*N2MTG	"	58,515	186	41	100
*KA2CYN	"	54,236	177	46	103
*N2WSY	"	49,408	173	36	92
*KM2O	"	48,608	170	30	82
*W2LP	"	34,572	121	42	87
*N2OBY	"	30,520	115	37	72
*K2RNY	"	28,912	130	36	68
*WA2MCR	"	25,812	111	36	72
*W2OZO	"	24,024	112	24	60
*KD2MU	"	20,475	105	26	65
*WV2ZOW	"	17,298	74	33	60
*K2BBQ	"	16,008	79	26	61
*K2PH	"	14,208	77	19	55
*AI2N	"	12,567	69	19	52
*KC2OGR	"	12,390	85	19	51
*N2NYR	"	11,764	76	20	48
*W2PI	"	8,694	62	22	47
*WN2Y	"	6,588	50	19	35
*KD2MX	"	6,350	54	19	31
*K2YLH	"	6,161	52	23	38
*KB2NB	"	4,796	47	15	29
*N2XPW	"	4,371	55	14	33
*N2TDT	"	1,640	30	17	23
*KC2PCG	"	1,134	22	10	17
*KC2LYK	"	775	13	13	12
*K3QE	"	208	8	6	7
*WA2IAU	"	100	8	6	7
*KA2ASU	21	7,729	95	15	44
*W3EH/2	"	4,704	45	12	30
KB2RVL	"	1,128	21	8	16
N3NZ	"	130	6	4	6
KU2M/3	**21**	**693,680**	**1729**	**25**	**120**
K3GW	**14**	**71,940**	**249**	**22**	**87**
NA3M	**3.7**	**24,624**	**134**	**17**	**59**
W3NO	**"**	**23,247**	**108**	**19**	**62**
***K3TC**	**A**	**869,000**	**867**	**97**	**298**
***W3LL**	**"**	**587,064**	**627**	**88**	**278**
*NS3T	"	274,032	450	70	194
*W3KB	"	108,808	209	62	141
*N8NA/3	"	97,405	228	44	117
*KB3LIX	"	96,600	237	50	125
*N3ALN	"	84,660	241	46	124
*K3WGR	"	71,391	210	43	116
*KB3HJK	"	40,544	146	35	77
*WR3H	"	28,569	127	19	70
*K3VED	"	28,496	113	42	62
*WB3FXC	"	27,456	115	29	75
*N3XLS	"	24,464	123	27	61
*K3ATO	"	22,695	112	23	62
*KN3A	"	20,467	101	35	62
*N3CHX	"	20,400	96	37	65
*K3QF	"	19,344	87	25	68
*N3TXH	"	11,076	91	22	49
*KB3KRW	"	8,296	69	24	44
*N2US/3	"	6,288	52	13	35
KD5M/4	"	338,904	425	89	235
AB9H/4	"	303,600	477	74	190
W4NTI	"	291,030	432	70	197
N4DW	"	288,765	402	71	208
N4CU	"	260,764	424	80	198
W4RQ	"	219,810	343	67	188
N4EK	"	209,040	417	52	156
N4KZ	"	206,080	324	63	167
K4FYM	"	205,779	326	66	173
W4VIC	"	205,590	395	54	177
W7QF/4	"	204,424	316	71	182
NJ4F	"	196,420	351	64	166
N4PSE	"	184,987	296	69	182
KC4D	"	147,804	316	52	166
NS4L	"	144,970	281	54	164
WB2QLP/4	"	144,921	321	58	143
N4LZ	"	136,718	264	51	146
N4AA	"	130,878	248	52	146
K4AMC	"	113,220	247	47	133
AK4I	"	107,152	245	55	126
K4DGJ	"	102,816	244	45	123
KI4FZY	"	97,744	404	42	107
W4GHD	"	90,802	230	46	120
W7HJ/4	"	73,500	154	61	135
W6UB/4	"	55,480	144	45	101
N4DXI	"	53,448	173	34	102
***W4TMN**	**"**	**476,480**	**580**	**76**	**244**
*WA4DOU	"	439,270	543	75	235
*AB4GG	"	427,479	565	73	218
*NA4K	"	383,795	499	77	218
*K4GKD	"	315,486	414	84	222
*KI3O/4	"	267,264	414	65	196
*W4YE	"	256,824	410	63	169
*NA4CW	"	253,872	382	72	186
*KA8Q/4	"	248,799	393	60	179
*N4JF	"	196,272	361	60	172
*KG4W	"	183,645	320	64	167
*KF4VTT	"	170,128	331	57	160
*K9OM/4	"	152,768	319	57	160
*N3UA/4	"	149,205	288	56	147
*K4WX	"	137,720	263	67	153
*K3AN/4	"	111,056	251	48	128
*NV4B	"	105,846	238	51	126
*W4MY	"	101,202	208	60	142
*W4LT	"	97,900	220	52	126
*KM4RK	"	90,909	222	56	133
*AA4LR	"	89,806	220	57	109
*WA4JA	"	89,142	212	58	121
*WA4LOX	"	84,177	195	55	144
*N4MIO	"	72,980	194	49	115
*WB4SQ	"	62,466	203	50	124
*K4CX	"	60,768	195	46	98
*WX4TM	"	57,960	198	39	99
*KB4ZMR	"	57,130	166	47	98
*N3CZ/4	"	57,090	138	51	114
*KR4RO	"	55,625	193	36	89
*K4EDI	"	50,490	147	45	108
*K4TVO	"	49,178	145	45	89
*N4ARO	"	46,389	130	47	94
*N4WO	"	45,694	139	42	92
*KI4LRP	"	45,216	157	47	97
*WA4AEJ	"	43,168	131	42	100
*NU4I	"	34,191	161	43	88
*KT4PD	"	33,558	118	38	81
*AI4GR	"	27,195	105	41	64
*N4HXI	"	26,384	107	32	65
*K4ML	"	25,338	106	32	71
*WB4JVR	"	25,070	107	42	73
*W4WNT	"	23,712	97	35	69
*W4UDX	"	22,078	99	25	58
*W4BUW	"	21,243	88	36	61
*K4OD	"	20,150	132	45	85
*KE4UWL	"	20,055	96	40	65
*K4WNW	"	19,264	84	24	62
*K4FTO	"	17,711	94	30	59
*N4JED	"	17,664	102	21	48
*N4LS	"	15,664	75	34	54
*N4CI	"	15,466	77	23	51
*KF4DVG	"	13,629	85	27	50
*N4UFP	"	13,500	73	27	48
*W4PTS	"	12,375	77	28	47
*N4GJ	"	12,096	98	30	66
*K4BK	"	11,039	67	32	51
*W4LWW	"	10,981	95	25	54
*AD2H/4	"	10,971	81	22	47
*NZ1D/4	"	10,251	66	22	45
*KI4ES	"	8,960	62	26	44
*WD4KTF	"	8,784	68	23	38
*KI4IKB	"	8,687	65	25	48
*KS4S	"	7,006	57	22	40
*WA4ED	"	6,216	55	20	36
*WD4LSS	"	5,712	48	23	33
*K4GOP	"	5,320	78	25	45
*KD4YUX	"	5,014	64	17	29
*K4PG	"	3,864	43	23	33
*W4BCG	"	2,430	29	19	26
*KD4WUO	"	2,320	50	25	33
*N6QZS	"	2,175	29	14	15
*N4US	"	2,162	46	15	31
*WB4PWZ	"	2,115	33	19	26
*AA4ZR	"	2,052	43	12	24
*KC4EZN	"	2,048	54	23	41
*WA4OSD	"	1,980	24	16	20
*KT4MM	"	1,938	28	17	21
*K4GDW	"	1,426	25	14	17
*KØRRP	"	860	39	14	29
*W4FRA	"	513	14	8	11
*KT4RH	"	168	8	6	8
*KF4ZNL	"	110	7	5	5
*N4PGW	"	63	14	11	10
*AI4SX	"	44	6	5	6
***K4QVK**	**28**	**5,652**	**61**	**10**	**26**
*W4GRW	"	3,660	51	8	22
***K4SQR**	**21**	**82,080**	**257**	**25**	**89**
*NQ4K	"	6,624	60	14	32
*AG1H/4	"	858	21	7	15
*KD4RSL	"	136	8	3	5
***N4MO**	**14**	**126,630**	**385**	**22**	**104**
***N4DL**	**"**	**119,560**	**379**	**23**	**99**
*W4LC	"	91,271	313	21	86
*KI4LTP	"	55,300	242	18	82
*KZ5OH/4	"	25,134	166	19	52
*WA2ASQ/4	"	11,760	82	17	43
*WN4DX	"	3,780	44	10	32
*K4NVJ	"	3,393	38	10	29
*KI4MRU	"	2,146	30	14	23
***W4EEH**	**7**	**35,020**	**166**	**19**	**66**
***KU4BP**	**3.7**	**3,096**	**59**	**12**	**24**
K5TR	**A**	**2,864,180**	**2434**	**128**	**389**
				(OP: N6MJ)	
N2IC/5	**"**	**2,712,103**	**2159**	**133**	**354**
WD5K	"	1,008,000	958	104	296
K5ER	"	462,978	623	82	224
K5EWJ	"	461,104	593	93	229
K5LAD	"	406,236	550	80	211
KØGEO/5	"	371,795	536	75	190
WW5DX	"	356,680	499	81	215
				(OP: W5UW)	
NQ5D	"	144,480	315	67	148
KD5JGA	"	115,506	260	62	124
NA4M/5	"	115,232	210	70	138
KZ5J	"	94,458	215	56	117
N1QXV/5	"	61,047	193	39	94
KD5JAA	"	59,220	173	52	88
W5IL	"	56,580	167	47	91
WR5G	"	49,938	162	44	79
KA5BJY	"	48,645	160	39	102
N5ID	"	41,019	147	40	81
KC5TA	"	3,060	45	30	38
N5VYS	"	2,376	46	21	23
N5TEY	"	72	4	3	3
W5PR	**28**	**53,055**	**303**	**22**	**59**
N5ZK	**21**	**122,570**	**482**	**27**	**92**
				(OP: W5ASP)	
W5FO	**14**	**142,857**	**427**	**32**	**111**
N5JB	**7**	**71,190**	**282**	**27**	**86**
K5RX	1.8	44	4	2	2
*W2STM	"	1,034	17	8	14
***K2MFY**	**14**	**164,970**	**432**	**26**	**115**
*K2HVE	"	9,666	80	13	41
*KC2QJB	"	1,710	26	8	22
*KC2JCJ	"	42	3	3	3
*KE2SD	7	5,658	50	12	34
***K2YEH**	**3.7**	**18,881**	**123**	**19**	**60**
NN3W	**A**	**5,378,268**	**3370**	**128**	**474**
K3CR	**"**	**3,903,200**	**2620**	**127**	**417**
				(OP: LZ4AX)	
W3BGN	**"**	**3,309,021**	**2308**	**122**	**401**
***AA1K/3**	**"**	**3,095,859**	**2299**	**110**	**377**
K3ZO	"	2,441,664	1880	105	381
W6AAN/3	"	1,636,762	1228	115	388
N1WR	"	1,146,180	1049	93	327
N3RJ	"	465,105	599	81	222
W3PA	"	248,848	443	45	161
N3KR	"	238,272	398	53	166
W3GNQ	"	204,820	407	57	163
N3YW	"	195,184	429	37	139
K3PU	"	186,992	330	66	166
W3FVT	"	172,743	367	56	157
WB3BSA	"	144,744	261	61	161
N3FP	"	94,062	228	53	130
K3YG	"	73,659	226	30	99
N3EHY	"	65,376	208	41	103
N3RW	"	55,704	181	37	95
W3USA	"	42,660	142	31	77
				(OP: K8MR)	
K3FIT	"	23,232	100	27	61
W6NRJ/3	"	20,240	97	26	62
K3RMB	"	3,330	36	20	25
*WA3GNW	"	4,692	42	15	31
*WA3YMM	"	4,108	36	20	32
*N3JNX	"	1,715	25	14	21
*W3MTP	"	1,215	25	11	16
*KBØFHP/3	"	323	15	6	11
*N3XL	"	63	9	5	4
W3/T98T	**21**	**152,064**	**476**	**26**	**118**
***N3GH**	**14**	**74,900**	**257**	**21**	**86**
***WA3JAT**	**7**	**8,892**	**65**	**18**	**50**
K4ZW	**A**	**4,715,200**	**3085**	**125**	**435**
K1TO/4	**"**	**2,771,835**	**2370**	**110**	**361**
W4WS	"	1,325,084	1543	88	249
				(OP: KG4NEP)	
N6AR/4	"	1,257,707	1090	111	362
N4PQX	"	1,120,210	928	104	351
N4ZC	"	1,087,361	904	111	340
K4AB	"	1,038,588	983	107	319
KZ2I/4	"	881,280	909	101	304
N4MM	"	846,880	778	94	301
K4RO	"	830,830	884	97	288
WJ2D/4	"	799,900	830	87	293
W1GQ/4	"	772,927	877	74	285
W4KW	"	627,912	727	90	252
K4SV	"	553,014	683	65	229
NJ2F/4	"	463,400	568	86	245
W2OO/4	"	428,336	537	77	227
WØYR/4	"	426,272	777	59	165
W2YE/4	"	410,256	526	74	222
K4LQ	"	408,965	532	73	238
NX9T/4	"	379,756	540	79	189
K4LTA	"	351,177	599	77	226
W4ATL	"	50,268	166	34	84
W4AMP	"	44,063	166	46	93
W4RIS	"	39,446	140	39	82
W4ARM	"	32,804	116	40	78
K4PHE	"	26,980	108	27	68
AE4EC	"	20,909	102	37	66
AF4OX	"	17,424	100	25	63
K4CRM	"	14,378	68	34	45
W4UHF	"	14,628	78	35	57
W4ZW	"	13,706	65	28	49
W4TMO	"	9,676	71	27	55
KI4VQQ	"	5,440	49	26	38
KE4CCM	"	2,072	24	14	23
AI4WN	"	663	13	6	11
N4BP	**21**	**327,168**	**853**	**31**	**111**
K4SSU	**14**	**400,299**	**1254**	**30**	**111**
				(OP: NA4BW)	
KO4Y	"	16,716	77	19	65
AI4WW	"	4,000	48	12	28
W4OGG	"	3,398	40	11	23
N4PN	**7**	**375,328**	**1140**	**31**	**117**
KU8E/4	**"**	**51,207**	**215**	**26**	**75**
N4QV	"	29,068	124	22	64
WX4G	"	10,780	80	13	42
W3BP/4	"	6,566	54	12	37
WA4TII	**3.7**	**32,476**	**145**	**23**	**69**
K4XZZ	"	26,080	167	18	62
K4LY	"	17,424	141	21	67
AA4MM	**1.8**	**4,653**	**56**	**11**	**36**
K4ADR	"	1,740	42	9	20
W9IXX/4	"	384	17	6	10
***W4TAA**	**A**	**588,848**	**835**	**64**	**234**
***N4IG**	**"**	**586,124**	**699**	**70**	**238**

*N5AW	A	1,094,904	974	111	333
*KC5R	"	473,088	563	98	238
*AC5O	"	272,650	450	72	194
*W5GAI	"	227,912	385	68	180
*NN5T	"	124,871	262	65	128
*K5KDX	"	109,563	263	50	127
*KE5LQ	"	93,456	208	55	122
*W5TMC	"	91,800	308	50	130
*WA5ZUP	"	87,616	309	49	99
*KB5FSV	"	43,160	150	40	90
*KD5ZEZ	"	35,524	130	42	65
*K5BZH	"	22,784	118	30	59
*KE5OG	"	19,035	95	30	51
*W5THT	"	14,720	74	28	52
*WA5TRX	"	11,900	72	25	45
*N5UWY	"	5,564	44	20	32
*AD5VJ	"	5,478	64	26	40
*K5WW	"	5,073	38	27	30
*KO5D	"	4,633	66	19	22
*W5WRE	"	4,161	48	23	34
*KD5MMM	"	3,572	36	16	22
*KE5LTZ	"	3,025	47	23	32
*W5UHQ	"	2,940	47	16	26
*KD5UBC	"	2,850	34	18	20
*AB5XZ	"	2,490	38	13	17
*K5VNV	"	1,980	28	16	20
*N5DTT	"	1,947	28	14	19
*N5HMH	"	1,885	56	26	39
*KD5J	"	1,248	21	11	15
*KD5QQD	"	975	24	13	12
*N5VYN	"	560	17	10	10
*N5PU	"	504	20	11	17
*N5KEV	"	102	10	8	9
*W5DJT	28	5,760	77	10	22
*AA5JG	"	2,929	43	8	21
*K5FP	21	106,148	326	27	92
*N4IJ/5	"	103,912	329	28	96
*KE5HOB	14	136	8	4	4
*KE5LHC	"	100	6	4	3
K6NA	A	1,193,959	1215	121	256
K6XX	"	871,500	980	105	245
W6PH	"	782,000	920	99	241
N6VI	"	393,936	582	97	186
W6TK	"	301,136	495	71	165
KI6CG	"	210,120	433	64	140
N6TV	"	168,586	330	70	124
N6BU	"	157,206	318	70	127
N6WK	"	67,950	178	52	99
WB6JJJ	"	62,424	196	57	79
W6AQ	"	55,272	173	58	83
NK6A	"	54,398	175	43	75
W6EB	"	46,332	148	50	82
					(OP: K6QQ)
WA6ST	"	43,561	157	46	81
K6RAD	"	42,312	147	46	77
N6CK	"	41,800	194	42	53
AD6ZJ	"	38,586	154	50	68
KI6T	"	37,736	148	36	70
W6YRA	"	31,672	148	46	61
					(OP: KU6T)
W6SZG	"	30,008	97	50	71
KG6ZHC	"	14,805	92	27	36
AF6BS	"	5,472	45	23	25
W6VNQ	"	3,384	50	23	24
N6AJR	"	3,358	45	23	23
KE6QR	"	3,007	42	16	15
W6SR	21	48,060	204	26	64
K6HNZ	14	182,268	584	33	89
W6AFA	"	125,265	592	29	76
K6LRN	"	25,110	132	25	56
N6AN	7	40,964	234	25	52
K5HT/6	"	28,884	156	26	57
K6JAT	"	3,344	62	15	23
N6IG	1.8	2,220	42	10	20
*N6RV	A	254,538	447	84	153
*W6ZL	"	173,184	340	67	125
*K6DEX	"	161,304	354	69	119
*WN6K	"	149,511	330	66	117
*AA6K	"	135,548	283	71	117
*N6XT	"	80,445	218	63	110
*K7XE/6	"	54,827	195	41	68
*N6EM	"	51,414	194	49	74
*ND6S	"	47,160	201	52	79
*WI7F/6	"	36,396	157	38	70
*KE6SHL	"	33,288	147	46	68
*K6AAB	"	28,388	125	43	51
*KN6Y	"	27,540	125	43	59
*KD6PQF	"	27,168	112	41	55
*N6NF	"	22,542	102	35	67
*KQ6ES	"	20,999	102	36	47
*AA6SD	"	20,350	121	25	49
*W6OUL	"	17,347	91	30	53
*KE6QET	"	15,825	92	33	42
*AA6EE	"	11,682	198	29	30
*W6RFF	"	15,678	83	36	42
*N6ERD	"	14,280	93	36	48
*KI6JJW	"	11,286	118	29	37
*AE6YB	"	9,114	82	21	28
*N6OU	"	7,670	55	27	32
*N6FD	"	5,130	44	22	23
*K6KWB	"	4,218	50	17	21
*W6BXQ	"	2,760	28	13	27
*NE6I	"	2,584	29	16	18
*KQ6X	"	2,368	37	17	20
*KE6GFI	"	348	14	6	6
*W6GMT	28	324	15	6	6
*KC6ZZT	14	36	4	2	2
*WA6WPG	3.7	624	19	7	6
K7RL	A	1,650,724	1763	127	282
K5RR/7	"	1,107,645	1063	110	275
WA7LT	"	513,360	810	89	187
N7TT	"	417,196	643	88	196
K7MM	"	233,684	451	78	148
KO7X	"	221,520	364	80	160
W6AEA/7	"	214,000	403	52	148
N6TW/7	"	180,960	359	82	158
NN7ZZ	"	149,156	347	63	133
					(OP: N5LZ)
AA7PM	"	148,416	302	68	124
KX7M	"	125,514	545	37	77
NX7TT	"	80,106	190	53	116
K7XV	"	79,051	209	56	105
K7LV	"	74,865	235	52	103
K7VI	"	72,996	224	41	91
K7WP	"	68,700	204	57	93
NE9Z/7	"	66,744	193	51	111
N7BF	"	62,586	209	42	80
K7SA	"	49,769	145	57	100
W7CB	"	46,248	141	57	84
N7EL	"	44,128	152	43	69

KI7AO	"	32,054	151	40	54
KC7KPA	"	30,849	137	43	70
KC7UP	"	29,204	118	31	67
K8BN/7	"	29,007	120	34	65
KS7T	"	26,085	108	44	67
WG7X	"	25,029	108	41	62
N6MA/7	"	22,533	104	35	52
K7BHM	"	11,200	111	20	30
KB7UJI	"	6,426	70	21	33
K7EG	"	3,612	37	15	27
NF7E	"	2,655	42	18	27
N7XY	"	624	14	7	9
KC7V	21	66,123	286	25	68
KI7DG	"	2,624	52	13	28
W7WA	14	733,894	1580	38	140
N7DD	"	492,466	1133	38	131
W7TTE	"	105,072	292	31	101
W7KRR	"	17,270	118	20	35
KN5H/7	"	2,686	30	13	21
NK7C	7	3,952	47	15	23
K7ZV	3.7	35,506	211	31	51
K9WZB/7	"	9,259	86	16	31
*K7ACZ	A	257,022	376	89	173
*NQ7R	"	196,344	379	74	128
*N7BK	"	171,000	373	58	122
*W7RV	"	122,012	251	65	123
*K7HBN	"	109,050	275	46	104
*KE7YF	"	61,920	185	47	82
*W7QN	"	30,096	145	34	54
*N7WI	"	28,908	118	42	57
*AA7DK	"	28,440	141	35	55
*AB1R/7	"	23,664	98	29	73
*K6UM/7	"	22,058	109	33	49
*N7FLT	"	21,690	100	33	57
*K7TR	"	20,904	116	44	60
*K7LAZ	"	19,418	107	30	43
*W7YVK	"	16,660	91	32	38
*NW7E	"	16,400	79	33	47
*AD7KG	"	10,176	81	27	37
*N7QS	"	9,815	66	28	37
*W7KAM	"	9,760	76	25	36
*W4LSC/7	"	9,636	61	28	38
*K6CSL/7	"	7,300	61	24	26
*W7AML	"	7,056	68	25	31
*W7TMT	"	7,014	65	21	21
*W7GH	"	4,346	47	19	22
*N7GMT	"	1,683	24	13	20
*W7AUM	"	1,518	37	12	10
*KD7AKN	"	1,495	30	12	11
*W7SO	"	1,419	26	15	18
*KC7WWY	"	1,210	23	11	5
*NE7D	"	1,081	23	11	12
*KC7FPB	"	1,029	20	10	11
*KK7UZ	"	840	26	6	6
*K7RFW	"	792	27	12	10
*W7MEW	"	756	15	13	14
*KC7WDL	"	209	10	5	6
*KD7GIM	"	100	14	11	10
*W7UPF	21	44,068	246	24	68
*K7MY	"	29,467	142	22	57
*W7FP	14	102,297	307	31	98
*W7ZT	"	3,864	102	12	16
*W7YS	"	1,541	31	10	13
*AD7BN	"	150	10	6	4
*WAØKDS/7	7	16,900	114	21	44
N8II	A	600,093	768	76	223
K8ZZU	"	366,270	504	81	209
W8ZA	"	247,008	404	73	175
K8MR	"	206,535	332	74	171
W8OHT	"	144,727	332	56	167
W8JMF	"	108,680	231	60	130
K8VUS	"	77,578	215	45	113
K8CMP	"	76,260	210	43	112
K8ESQ	"	59,784	171	38	103
W9KB	"	35,644	157	41	92
K8OT	"	31,460	169	50	93
KC8IVC	"	2,772	45	6	16
K8THU	"	88	4	4	4
AB8WN	14	1,586	26	11	15
ND8DX	7	41,419	181	23	74
WD8E	"	7,670	53	18	41
K9TTT/8	"	2,112	41	16	32
K3ZJ/8	3.7	49,777	263	20	71
W8GG	"	16,422	100	16	53
K3BU/8	1.8	37,179	353	18	63
*WZ8T	A	421,596	570	73	221
*WB8TLI	"	382,432	495	76	220
*KD5LNO/8	"	179,103	341	68	159
*K8LY	"	171,892	343	48	148
*N8WL	"	142,594	325	39	127
*WT8E	"	133,570	302	54	131
*W8KX	"	120,927	213	61	172
*NO8R	"	107,822	247	51	118
*WB8JUI	"	107,350	239	63	127
*W8KNO	"	80,920	216	51	119
*KB8OCP	"	59,568	180	50	96
*KE8FO	"	47,502	152	40	86
*W8GOC	"	38,440	145	36	88
*N8HC	"	37,185	138	36	75
*N8HP	"	36,542	120	38	83
*AF8C	"	32,552	120	28	76
*W8ZZU	"	28,782	142	43	80
*W8TM	"	23,520	107	23	73
*W8IDM	"	14,630	74	24	53
*WF8P	"	13,338	73	27	51
*N8TWM	"	6,348	91	22	47
*W9JJC	"	6,157	55	15	32
*W8ASA	"	5,635	53	16	33
*WA8SDF	"	4,940	60	24	41
*WA8NVW	"	4,662	49	15	27
*K8IR	"	4,444	41	17	27
*NF8M	"	3,864	35	23	23
*NØRZT/8	"	1,612	20	12	19
*WA8SSQ	"	1,302	23	14	17
*KB8M	"	962	23	12	14
*KC8IMB	28	592	16	5	11
*KK8MM	21	16,835	104	16	49
*N8BV	14	11,460	90	18	42
*NR8U	7	1,050	23	6	15
*KC8UR	"	100	2	2	2
*K8DO	3.7	14,674	149	16	42
W9RE	A	3,055,964	2126	128	435
K9BGL	"	527,307	625	86	233
K9SG	"	273,312	345	86	226
N9FC	"	195,960	371	54	159
W9GXR	"	195,386	344	62	149
AC9S	"	171,570	328	56	159
KF9TI	"	124,215	272	43	126
N9AKR	"	123,253	208	70	177
W9RN	"	104,715	234	66	129

N9KG	"	102,538	240	47	120
NZ9R	"	96,560	228	48	122
W9SE	"	90,888	230	58	110
AJ9C	"	89,208	212	49	119
K9JIG	"	73,248	185	55	113
KG9N	"	69,864	218	49	93
K9JDV	"	62,307	188	51	78
N9WKW	"	56,021	159	52	99
W9COD	"	26,829	108	39	60
N9RC	"	22,654	101	29	65
KK9V	"	22,572	94	36	63
WA9LJK	"	18,612	83	37	62
WI9WI	"	18,540	85	39	64
W3HDH/9	"	11,466	67	29	49
WO9S	"	6,996	68	24	29
N9PUZ	"	6,993	56	27	36
W9NY	14	213,486	664	30	108
W9EXY	"	177,552	490	33	111
K9CAN	"	76,160	240	32	80
W9IIX	"	34,176	184	19	70
K9DN	"	11,001	78	15	42
AG9S	7	20,572	104	21	53
K9IDQ	3.7	1,377	24	12	15
*N4TZ/9	A	1,058,293	904	108	341
*AC9X	"	445,068	535	87	230
*K9JE	"	141,531	284	53	138
*N9TTX	"	116,228	259	62	134
*N9LYE	"	88,910	272	52	118
*W9VQ	"	49,005	146	40	95
*K9OR	"	46,800	125	50	100
*N9UPG	"	36,285	157	43	80
*K9GY	"	35,805	137	34	71
*NJ9Z	"	31,900	124	39	77
*AB9KZ	"	31,136	110	38	74
*W9UM	"	25,380	102	28	66
*N9UY	"	21,185	126	34	61
*K9MI	"	19,380	95	29	66
*NV9X	"	14,028	81	31	53
*AG9D	"	11,970	91	34	56
*KB9YGD	"	9,798	67	26	45
*WR9Y	"	3,192	40	17	25
*K9AIH	"	2,772	41	20	24
*W9ILY	"	2,664	29	14	22
*KK9U	"	1,953	27	14	17
*K9PY	"	1,530	24	12	18
*N9GH	"	1,272	21	8	16
*W9ZEB	"	1,148	21	12	16
*K9TCD	"	560	12	10	10
*W9WY	"	459	14	8	9
*WO9I	"	384	13	6	10
*N9LAH	"	252	7	7	7
*KC9KIO	"	144	7	5	4
*WD9GHK	"	100	4	4	4
*K9OWQ	"	100	8	4	7
*KD9AC	21	23,144	124	21	67
*W9OA	"	10,229	76	15	38
*W9OP	14	66,933	225	24	87
*WI9H	"	37,240	143	23	75
*K9RIM	"	100	44	11	24
KØOU	A	591,330	731	94	251
NØHF	"	142,506	324	63	126
NØRN	"	120,862	266	60	118
KØMD	"	117,477	244	73	156
WØZA	"	102,837	242	68	109
WKØP	"	87,048	239	56	100
WØCEM	"	81,732	270	39	108
WBØN	"	81,225	211	60	111
KØJJR	"	76,664	219	49	99
WØBH	"	73,100	183	56	114
K9MWM/Ø	"	69,350	203	58	88
K2HT/Ø	"	48,811	144	47	86
WA2MNO/Ø	"	46,359	136	54	99
KØDAN	"	35,456	119	47	81
NYØT	"	27,642	106	34	68
KØGAS	"	24,072	133	40	62
KØFG	"	12,640	63	29	51
K5VYT/Ø	"	12,017	86	19	42
KØJV	"	7,260	52	22	38
NØBK	"	2,516	29	12	22
N6BXO/Ø	"	1,224	24	15	19
KØIZ	14	71,136	379	26	88
WØPPF	"	6,900	115	17	29
WØGJ	7	50,161	215	25	78
KØGT	"	16,717	85	23	50
WDØBGZ	"	12,348	91	23	40
NØUU	"	9,381	74	17	36
KØKT	3.7	27,720	176	20	57
*KU1CW/Ø	A	815,760	820	113	299
*ACØW	"	522,810	639	89	244
*NTØF	"	282,744	428	75	189
*NØPKX	"	215,280	390	70	190
*KCØDEB	"	157,030	313	62	143
*WØETT	"	140,400	306	66	129
*AB1FY/Ø	"	130,410	247	60	150
*WBØTSR	"	64,740	199	39	91
*KØSQ	"	59,568	167	46	100
*WBØYJT	"	47,784	171	40	92
*KØMPH	"	46,784	157	47	89
*KØKP	"	35,520	130	37	74
*KØJJM	"	35,464	143	35	69
*KAØVXK	"	28,860	134	39	72
*KØTIS	"	28,392	156	27	77
*KØBJ	"	23,968	107	43	69
*NNØQ	"	21,390	108	36	57
*ABØSD	"	14,960	87	32	48
*WBØIEL	"	13,494	67	30	48
*KCØRQH	"	13,067	74	28	45
*NØMSB	"	9,900	75	20	46
*WØMDS	"	9,360	61	20	45
*KCØTDJ	"	9,250	54	31	43
*KØKRH	"	8,772	70	28	40
*WØJEC	"	8,601	62	22	39
*KCØBS	"	8,520	83	26	45
*KG4OLG/Ø	"	7,298	106	37	52
*KCØOYT	"	6,466	59	20	33
*KAØEIC	"	5,985	53	23	34
*KBØOLA	"	4,340	51	9	22
*WØCBH	"	4,116	35	23	26
*WAØVPJ	"	3,960	46	17	23
*NØGOS	"	2,835	42	16	19
*KØERE	"	2,408	28	19	24
*WØQQG	"	1,344	62	23	41
*WTØN	"	420	34	10	10
*KØREV	"	364	17	12	14
*NØSCK	"	144	7	5	7
*N1WQ/Ø	"	35	3	3	2
*WØSMW	28	165	9	5	6
*KCØVBF	14	3,948	51	13	29

Alaska

AL1G	A	38,514	441	21	21
NL7V	"	27,720	124	33	51
KL8DX	14	50,300	478	21	29
*WL7UQ	14	7,194	96	16	17

Bahamas

*C6AQW	14	114,900	537	21	79
					(OP: WQ5W)

Barbados

8P5A	A	11,963,439	7708	143	518
					(OP: W2SC)
8P6SH	7	90,475	620	18	59
*8P6EX	A	879,937	1547	78	193

Canada

VY2ZM	A	9,571,348	5772	134	494
					(OP: K1ZM)
VY2LI	"	1,027,620	1568	72	198
VE1MC	"	539,748	737	60	222
VO1HE	21	340,833	1120	23	100
VO1TA	"	306,471	994	22	89
*VO1KVT	A	293,260	752	45	127
*VE1DT	"	182,787	380	42	149
*VE9CEH	"	131,215	401	43	120
*VO1BBN	"	36,300	128	26	84
*VE1AWP	7	2,516	81	6	11
VE2IM	A	5,402,925	4280	110	385
VA2WDQ	"	89,075	206	44	131
VE2DC	"	88,690	204	56	125
*VE2XAA	A	640,528	717	84	260
*VE2HIT	"	221,450	481	58	157
*VE2GSO	"	156,544	602	41	87
*VE2AWR	"	135,150	343	40	130
*VE2FU	"	66,576	183	46	106
*VA2RIO	"	58,280	210	30	94
*VA2LGQ	"	1,984	29	10	21
					(OP: VE3AV)
*VE2FFE	"	1,300	27	12	14
*VE2PIJ	28	144	6	4	5
*VA2SG	14	41,876	217	15	61
VC3J	A	7,361,332	5061	133	453
VC3A	"	6,160,480	4559	119	435
					(OP: VE3AT)
VE3CX	"	1,578,834	2098	102	265
VC3X	"	1,192,194	1775	88	233
(OP: VE7VR)					
VE3CR	"	891,029	897	89	290
VE3TA	"	734,525	1186	72	203
VA3YP	"	557,976	981	70	198
VE3HG	"	354,142	677	58	168
VE3KZ	"	231,660	407	64	170
VE3UZ	"	189,996	329	65	158
VE3LLL	"	61,754	178	50	104
VE3FTM	"	50,511	146	50	99
VA3YX	"	40,612	116	36	107
VE3SY	"	36,456	124	36	88
VE3EY	"	21,896	206	20	36
VA3XQ	21	49,196	188	22	76
VE3XD	14	546,300	1515	31	119
VA3TTU	"	50,960	205	23	81
VE3PN	1.8	14,784	249	8	25
*VE3XAT	A	404,499	504	80	247
*VA3SWG	"	350,672	852	58	144
*VE3BDN	"	305,856	575	56	180
*VE3AD	"	296,724	486	60	177
*VE3NE	"	262,900	564	75	164
*VE3FDT	"	204,823	374	73	166
*VE3TW	"	182,325	372	47	148
*VE3OX	"	135,513	301	56	133
*VE3NWA	"	68,875	195	40	105
*VE3JDF	"	64,326	200	47	104
*VE3IAE	"	52,542	173	41	98
*VE3BVA	"	48,120	173	39	81
*VE3MCF	"	33,920	161	32	74
*VE3MPT	"	32,314	186	34	73
*VE3NCQ	"	31,920	128	41	73
*VA3QWW	"	31,672	259	23	51
*VA3TPS	"	31,331	134	29	68
*VA3HJ	"	29,848	124	35	69
*VE3RCN	"	29,694	129	35	63
*VA3RNJ	"	28,152	128	39	63
*VE3GLO	"	25,584	148	28	54
*VA3PL	"	24,564	105	31	58
*VE3NQM	"	22,654	107	36	58
*VE3ZIN	"	16,080	111	26	54
*VE3TES	"	10,878	65	25	49
*VE3OBU	"	10,877	62	25	48
*VE3/HA1ZH	"	9,577	79	23	38
*VE3FU	"	3,655	39	18	25
*VE3LXL	"	1,947	31	13	20
*VA3FP	21	56,072	224	16	70
*VE3FJ	"	7,548	62	14	37
*VE3OM	14	22,640	105	17	63
*VA1XBN	"	6,720	66	9	31
VE4EAR	A	245,728	511	71	153
*VE4YU	A	86,372	249	49	94
VE5UA	A	552,945	1470	63	130
VE5CPU	"	117,650	487	48	82
VE5ZX	14	199,290	1177	22	69
*VE5SF	A	13,104	158	16	26
*VE5AAD	7	1,027	39	7	6
VE6WQ	14	678,524	2172	35	119
VE6EPK	"	5,832	68	11	25
VE6WZ	3.7	50,592	527	18	33
*VE6ZC	A	30,750	192	34	48
*VE6LE	"	6,885	77	23	22
*VE6AID	"	5,576	70	18	23
VA7ST	A	119,139	346	54	97
VE2LX	"	13,248	100	19	45
VE7SZ	14	481,217	1929	31	90
					(OP: VA7RR)
VA7JW	"	38,052	209	22	62
*VE7UQ	A	192,574	633	56	90
*VE7IN	"	152,810	647	44	74
*VE7HA	"	137,862	359	52	110
*VE7XF	"	88,391	211	51	106
*VE7FCO	"	28,700	153	31	51
*VA7BEC	"	18,396	106	37	47
*VE7KPB	"	11,850	105	23	27
*VE7JKZ	"	10,804	75	30	44
*VA7CPC	"	5,004	76	19	17
*VA7PX	"	3,729	58	16	17
*VA7PNP	"	2,232	68	12	12
*VE7SAJ	"	1,512	26	11	17
*VY1EI	A	8,621	117	18	19
*VE8DW	14	960	21	10	10

Cayman Islands

ZF2AH	21	805,250	3176	25	100
					(OP: W6VNR)

Cuba

*CO8LY	21	499,072	2286	25	87
*CM6RCR	7	128,028	725	21	73

Dominican Republic

*HI3T	A	4,035,285	4409	100	321
					(OP: HI3TEJ)
*HI3K	21	555,660	2043	27	99
*HI3C	14	348,473	1616	22	87
					(OP: HI3CCP)
*HI3CCP	7	164,400	884	23	77
					(OP: EA4ATI)

French St. Martin

FS/K1XM	A	4,610,124	4280	112	362
					(OP: K1XM)

Guatemala

TG9AKH	A	12,432	70	33	41
*TG9ANF	14	283,371	1432	24	69

Haiti

*HH2FYD	A	366,933	975	44	129
					(OP: F6FYD)

Honduras

*HR2DX	A	179,984	828	47	65

Martinique

FM5AN	A	8,680	56	24	38
*FM1HN	14	73,232	359	22	70

Mexico

XE2WWW	A	1,440,920	3254	74	147
XE2S	"	806,526	1581	95	164
XE1YJS	"	313,920	932	53	127
6H1YYD	"	158,490	691	50	85
					(OP: XE1YYD)
XE2YBG	14	100,810	678	21	64
6H1ZVO	"	15,162	238	14	24
					(OP: XE1ZVO)
*XE1CQ	A	2,680,610	3769	93	269
*6I2AUB	"	152,028	446	56	108
					(OP: XE2AUB)
*XE2MX	"	139,360	468	67	93
*XE1GRR	"	92,336	373	47	69
*XE2HUM	"	19,530	235	30	32
*XE1IPN	"	2,640	31	21	23
					(OP: XE1CL)
*XE2HWB	28	5,220	77	11	19
*6H1BY	21	204,100	1014	25	75
*6H1ZTW	"	7,093	80	15	26
					(OP: XE1ZTW)
*XE1CT	14	71,852	507	20	51

Panama

*HP3FTD	A	42,075	163	34	65
*HP1RIS	"	460	14	10	10
*HP1AVS	28	31,616	438	15	23
*HP1DCP	"	5,543	99	9	14
*HP1BYS	21	88,006	533	21	58
*HP1XX	14	142,560	708	24	84
*HP1ALX	"	9,256	76	13	39

Puerto Rico

WP4WW	21	1,968	68	6	10
					(OP: KP4JRS)
*WP3GW	A	156,450	364	53	122
*WP3C	7	274,281	1192	24	87

St. Kitts & Nevis

*V4/NE1RD	A	111,986	374	40	93

St. Vincent

*J88DR	A	1,588,493	2364	66	215
					(OP: G3TBK)

Virgin Islands

WP2/AH8DX	1.8	72,666	560	15	51
					(OP: AH8DX)

AFRICA

African Italy

IG9R	14	1,416,354	2793	35	142
					(OP: IK8HCG)
IH9GPI	3.7	1,260	21	4	16
*IH9YMC	28	29,280	215	8	40

Algeria

7XØRY	A	14,904	73	30	62

Ascension Island

*ZD8N	21	202,464	644	25	89
					(OP: G3ZVW)

Canary Islands

EA8CER	A	454,388	751	66	187
EA8MQ	"	39,996	246	29	70
EA8LS	21	63,700	247	23	75
EA8CFY	"	21,510	83	24	65
EA8/OH4NL	7	772,412	1877	31	117
*EA8BMG	A	384,442	697	56	155
*EC8ADW	"	269,460	549	48	132
*EA8BQM	"	84,096	222	42	104
*EA8IK	"	62,472	177	35	102
*EA8BBJ	"	45,506	140	36	86
*EA8AG	"	33,078	255	19	55
*EA8CDI	"	22,720	125	33	47
*EA8AJC	"	17,253	87	26	55
*EA8AJY	"	15,150	86	28	47
*EC8AFM	"	4,929	44	22	31
*EA8AD	"	2,914	46	19	28
*EA8TX	28	176,072	602	21	83
*EC8AQQ	21	72,336	397	13	53

Ceuta and Melilla

EA9LZ	A	3,889,935	2882	103	374
*EA9BO	A	36,680	130	43	97

Chad

*TT8HA	A	32,548	123	36	67

Egypt

*SU8BHI	A	36,844	202	16	45
					(OP: HA3JB)

Madagascar

5R8FU	A	587,052	751	72	204

Madeira Islands

*CT3FJ	14	5,624	67	8	29

Mauritius

*3B8GT	A	126,755	468	24	77

Morocco

CN4P	14	1,939,653	4024	34	137
(OP: CN8NK)					
CN2FB	3.7	450,723	1280	24	103
(OP: UA2FB)					
CN2R	1.8	268,300	932	15	85
(OP: W7EJ)					
CN2FF	"	207,466	732	16	82
(OP: UA2FF)					
*CN2BC	A	2,196,784	2217	75	269
*5C5W	28	24,480	157	17	43
(OP: CN8KD)					
*CN8YE	14	42,225	204	16	59

Namibia

*V51YJ	A	8,004	62	13	33

Saint Helena

*ZD7X	21	796,095	2085	29	106

Senegal

6W1RY	A	5,050,846	4181	99	338
(OP: F5VHY)					
*6V7G	21	1,178,590	2754	28	121
(OP: EA1FDI)					

South Africa

*ZS2I	A	11,913	73	14	43
*ZS9Z	21	46,104	271	14	54

Sudan

*ST2M	A	800,035	1156	56	209
*ST1ØØS	3.7	6	1	1	1
(OP: ST2EO)					

Tanzania

5H3EE	A	1,988,288	1857	100	276

ASIA

Afghanistan

*T6EE	14	22,272	221	16	48

Armenia

EK3SA	21	368,784	1136	25	92

Asiatic Russia

RG9A	A	4,133,025	2638	121	464
(OP: UA9AM)					
UA9CLB	"	4,090,016	3135	117	379
RT9S	"	1,390,818	1226	95	334
(OP: UA9SP)					
UA9QA	"	610,731	878	63	216
UA9JLL	"	377,872	677	58	168
RU9TO	"	273,695	510	52	163
UA9MC	"	231,868	443	42	154
RV9AZ	"	119,139	302	34	117
RX9JP	"	94,944	256	46	126
RW9UOB	"	78,208	309	32	96
RZ9OW	"	66,430	257	39	91
RX9LW	"	43,688	162	36	91
RA9SAS	"	10,512	71	24	48
RZ9CQ	"	9,180	66	14	40
RA9UN	"	4,704	73	16	40
RU9UC	"	104	7	6	7
UA9UR	28	828	22	11	12
RZ9YF	"	49	5	3	4
UA9SCX	21	121,625	401	26	99
UA9JDP	"	17,000	129	18	50
RA9UT	"	10,608	111	16	36
RK9KWI	14	79,025	295	24	85
RA9AP	7	22,365	181	14	49
RV9SV	1.8	51,935	354	10	55
*UA9ACJ	A	561,719	758	53	228
*RV9CP	"	389,784	731	50	168
*RX9FR	"	268,992	527	39	153
*RX9WN	"	221,733	401	56	157
*RA9FR	"	202,199	351	57	184
*UA9MQR	"	187,110	398	45	144
*UA9AL	"	184,932	393	49	149
*RZ9UGN	"	167,624	400	47	137
*RW9TP	"	153,866	308	45	169
*RZ9HG	"	141,102	315	55	146
*RK9ABJ	"	112,144	286	43	120
*RX9CCJ	"	101,706	289	29	105
*RQ9I	"	88,320	314	32	106
(OP: RW9IM)					
*UA9CEW	"	63,928	227	29	93
*RX9DJ	"	61,803	212	25	84
*RA9FHL	"	54,340	209	24	86
*UA9WZ	"	53,136	146	48	114
*UA9QQ	"	52,910	204	30	80
*UA9CBM	"	47,520	188	27	83
*UA9OW	"	44,354	190	43	91
*RA9AE	"	28,520	121	28	64
*UA9ODE	"	26,487	153	21	60
*RU9AZ	"	24,318	149	17	46
*RX9CET	"	22,327	123	21	62
*RK9AX	"	16,642	82	39	67
*UA9QCZ	"	15,456	99	23	46
*UA9TF	"	4,225	40	27	38
*UA9YAB	"	3,720	44	26	34
*RU9UG	"	2,450	51	16	19
*UA9FM	"	918	21	3	14
*RX9FO	"	100	45	18	35
*RA9FEU	28	336	16	3	4
*RL9AA	21	62,699	277	21	70
*RW9RA	"	41,440	204	17	63
*UA9FGJ	"	20,832	126	13	49
*RV9UF	"	10,740	142	16	44
*RA9AMO	"	8,190	101	9	36
*UA9XTL	"	8,094	76	7	31
*RW9UY	"	3,700	110	14	36
*RK9UAC	"	2,109	39	5	14
*RA9AU	14	267,288	877	24	87
*RW9DX	"	179,916	681	24	92
*RK9AJZ	"	139,230	497	24	95
*RZ9OQ	"	120,904	425	25	94
*RV9JR	"	98,536	386	25	84
*RA9FEL	"	90,360	394	17	73
*RA9XF	"	77,972	307	19	82
*RA9JR	"	66,780	300	15	69
*RK9XX	"	38,250	194	15	60
*RA9MX	"	27,040	117	22	82
*RA9XU	"	24,208	149	13	55
*RA9CIN	"	8,094	60	15	42
*RV9MN	"	874	21	9	14
*UA9TT	7	49,590	273	21	66
*RU9CD	"	20,355	153	11	48
*RA9SPF	"	1,378	33	8	18
*UA9BA	3.7	88,400	399	15	65
*UA9QDV	1.8	720	31	7	17
RZØSR	A	1,076,845	1540	101	284
RKØUT	"	757,855	1460	85	210
UAØAPV	"	214,652	491	58	148
UAØAZ	"	179,760	413	61	153
UAØACG	"	148,242	430	59	127
RAØAA	"	110,019	313	47	122
RWØUU	"	33,480	178	38	70
UAØCW	"	9,450	58	32	43
RUØLL	"	6,642	71	22	32
UAØYAY	14	123,178	474	26	95
UAØIBX	"	42,770	353	28	37
UAØSR	"	32,928	148	21	77
RWØCF	1.8	735	22	9	12
*RVØAL	A	181,883	415	59	162
*RNØSA	"	93,800	327	42	98
*UAØSJ	"	57,129	210	44	93
*RAØSCA	"	50,516	245	50	96
*UAØCNX	"	49,140	344	31	60
*RAØAY	"	48,604	171	33	83
*RZØAK	"	37,496	205	34	75
*RWØCV	"	25,978	281	25	37
*RZØAO	"	19,988	127	21	55
*UAØSOX	"	6,848	55	22	42
*UAØFDX	"	4,042	61	19	24
*RAØCAH	"	1,400	45	13	15
*RAØSMS	14	2,088	71	9	20
*UAØLGY	"	768	28	9	15
*RAØAQL	7	10,706	94	19	34
*UAØSAD	"	6,440	80	13	27
*RWØAW	3.7	864	39	9	15

Asiatic Turkey

YM2W	28	383,990	1380	19	76
(OP: OK1MU)					
*TA3D	A	5,695,606	4066	96	415
*TA3DD	"	2,162	31	20	27
*TA7AO	"	2,135	29	15	20
*TA2IB	21	73,530	328	20	70
*TA2IK	"	50,406	490	13	49
*TA3YJ	14	300	10	2	8
*TA3J	7	9,205	98	5	30
*YMØT	1.8	125,658	561	12	66
(OP: TA2RC)					

Azerbaijan

*4K9W	A	139,256	262	55	151
*4K6DI	3.7	3,330	44	8	29

Bhutan

*A52K	A	1,672	58	15	23
(OP: JA1CG)					

China

BA7IO	A	437,485	756	88	207
BA5HAM	"	136,806	602	57	94
BA5DX	"	125,488	398	64	112
B5TT	14	147,168	853	30	66
(OP: BA5TT)					
*BG7NWF	A	178,466	699	61	120
*BA6QD	"	124,586	426	48	106
*BD4QO	"	70,448	337	53	83
*BL7IN	"	33,744	235	41	70
*BA5BO	"	32,560	291	35	53
*BA6IV	"	32,178	292	34	59
*BG4DVK	"	27,590	190	30	59
*BG7LDM	"	25,440	196	34	62
*BG1ND	"	25,259	402	30	37
*BD4SS	"	23,128	135	40	58
*BG9AFM	"	21,484	241	29	53
*BD4RET	"	20,580	167	43	62
*BD5HIS	"	16,646	192	34	48
*BD5CFB	"	16,000	128	38	42
*BD4SX	"	13,940	103	36	49
*BA4DZ	"	12,600	91	34	50
*BG4QOJ	"	11,475	88	32	43
*BG5HHU	"	8,804	75	30	41
*BG8NCF	"	4,636	129	25	36
*BG4SXG	"	2,832	38	21	27
*BD5CDI	"	2,744	45	22	27
*BD4AGK	"	2,280	43	12	18
*BD8CIH	"	1,599	31	18	23
*BD4SI	"	1,155	32	15	20
*BD8ATI	"	544	24	14	18
*BG6IAZ	"	420	19	9	11
*BG4JWU	"	270	23	7	8
*BG4SOM	"	180	29	13	17
*BD3NHK	"	100	9	5	6
*BG4BKU	28	495	17	6	9
*BG7IEU	21	9,750	140	16	34
*BD7IBN	"	6,624	88	15	33
*BG4KUU	14	21,594	255	21	38
*BG1QMU	"	16,730	188	23	47
*BG1LEN	"	312	24	5	7
*BG2RJE	"	42	5	3	3
*BA5TT	7	3,604	69	14	20
*BD3AIE	3.7	72	9	4	4
*BY4SCS	"	6	1	1	1
(OP: BG4SOM)					

Cyprus

C4M	3.7	226,678	782	20	93
(OP: 5B4AGM)					
*5B/HA5PP	A	2,807,124	2336	94	352

Georgia

4L6AM	14	1,363,154	3023	34	135
4L4WW	3.7	568,294	1544	31	103
*4L2M	1.8	65,067	357	10	59

Hong Kong

VR2DS	21	120,848	969	26	65
VR1ØXMT	7	16,432	226	20	32

India

VU2SWS	A	214,144	386	57	167
*VU2PTT	A	255,267	456	72	179
*VU3USJ	"	10,082	80	26	45
*VU3DJQ	21	46,208	255	17	59
*VU2NIS	14	2,368	40	14	23
*VU3DMP	7	3,444	40	16	26

Israel

4X2M	21	1,230,438	2566	38	143
(OP: 4X4DZ)					
*4Z5MV	A	208,839	371	54	147
*4XØM		175,812	363	52	144
*4Z5PJ	"	20,900	102	31	64
*4X/SM8A	28	1,056	19	9	15

Japan

JE1LFX	A	460,965	752	85	152
JF1SEK	"	239,560	479	74	138
JH1EVD	"	104,811	292	57	90
JR1LEV	"	63,792	219	54	90
JM1ZSL	"	23,114	112	33	58
(OP: JF1NZW)					
7J1ABD	"	10,033	83	32	47
JA1ANA	"	6,649	49	26	35
JN1RQV	"	504	12	12	12
JH1OCC	28	8,920	95	16	24
JA1ELY	14	463,710	1254	36	109
JH1ACA	"	180,992	561	34	94
JN1NDY	"	67,240	343	26	56
JH1OGC	3.7	120,400	497	29	71
*JG1TVK	A	189,604	353	82	132
*7K3OWM	"	168,532	387	73	109
*JA1GLE	"	101,712	290	65	98
*JA1MVK	"	85,094	243	57	100
*JH1GUO/4	"	63,873	206	56	85
*JA1XPU	"	48,000	178	48	72
*JA1GYO	"	44,831	161	50	77
*JA1FRQ	"	41,728	148	51	77
*JA1XRH	"	36,888	136	48	58
*JA1OQ	"	29,760	160	48	72
*JJ1MZH	"	29,391	151	42	55
*JA1KK	"	28,910	139	42	56
*JA1BUI	"	28,050	126	44	58
*JE1REU	"	26,852	135	40	58
*JO1SIM	"	26,100	167	36	51
*7L2PDJ	"	25,298	122	40	51
*JH1AEP	"	22,066	197	47	70
*JH1FNU	"	20,984	114	35	51
*JA1RQT	"	19,339	101	34	49
*JQ1AHZ	"	15,611	117	25	42
*JH1OLB	"	15,405	110	28	37
*JA1HNW	"	14,338	96	27	40
*JA1DKU	"	12,397	99	34	43
*JR1MRG	"	10,920	78	27	38
*JA1VGV	"	10,368	72	30	34
*JF1HJX	"	8,505	85	18	27
*JG1OWV	"	3,312	31	22	26
*JK1NSR	"	2,701	34	17	20
*JG1FGL	"	2,555	36	15	20
*7N1BHO	"	2,550	47	23	28
*JH1DJD	"	2,530	55	23	32
*JA1AZR	"	1,785	30	15	20
*JA1YAI	"	1,113	19	9	12
*JA1HG	"	1,104	23	11	13
*JA1LBZ	"	851	18	10	13
*JK1SDQ	"	260	10	5	8
*JA1MYW	28	1,242	34	7	11
*7N2UQC	"	1,083	22	9	10
*JA1IWP	"	630	30	7	11
*JP1IXV	"	525	20	6	9
*JA1AAT	"	352	22	6	10
*7K4XNN	21	58,168	299	31	57
*JK1BII	"	10,918	88	22	31
*JA1JLP	"	6,696	62	14	22
*JA1DBG	"	5,928	66	15	24
*JK1GPD	"	4,680	61	15	21
*JE1USE	"	2,204	33	12	17
*JA1RYC	"	2,047	31	12	11
*JI1UDD	"	1,750	43	10	15
*JA1FO	"	943	20	10	13
*JG1GCO	"	385	17	3	8
*JQ1CDW	"	247	9	6	7
*JK1PIH	"	25	5	2	3
*JI1LAI	"	8	2	2	2
*JI1FDF	14	88,634	436	29	62
*JF1TEU	"	27,336	180	24	43
*JH1UUT	"	14,045	152	21	32
*7K1PTO	"	6,500	80	20	30
*JE1GZB	"	2,288	48	12	14
*JA1BFN	"	529	16	11	12
*JH1HGF	"	405	14	7	8
*JH1RDU	7	152	7	4	4
*JE1SPY	3.7	1,680	47	10	14
JF2QNM	A	1,040,514	1311	116	211
JA2PAC	"	1,007,760	1270	106	234
JI2KXK	"	599,297	809	107	204
JA2BNN	"	395,580	723	81	147
JF2IWL	"	302,784	575	90	138
JA2FSM	"	262,663	546	86	143
JJJ2CJB	"	182,063	392	84	133
JE2DJC	"	111,496	277	62	119
JH2FXK	"	38,164	147	48	68
JF2FIU	"	27,808	132	39	49
JG2REJ	"	3,780	38	21	21
JF2XLQ	"	1,170	19	14	16
JA2XCR	14	137,022	435	33	90
JJ2PUG	7	240	14	5	7
JE2OTM	3.7	1,612	40	11	15
*JA2PFO	A	148,779	353	68	115
*JA2DLM	"	137,280	211	97	167
*JA2GHP	"	48,063	228	46	65
*JA2KPW	"	21,203	120	38	53
*JA2TTH	"	10,336	70	29	39
*JR2SQU	"	9,028	82	24	37
*JA2KPV	"	5,445	55	19	26
*JQ2OUL	"	2,821	35	12	19
*JH2MYN	28	2,275	45	10	15
*JG2KKG	14	148,866	491	33	96
*JF2WXS	7	18,576	121	30	56
JR3NZC	A	488,128	748	90	173
JA3AOP	"	409,299	728	78	159
JA3LEZ	"	42,319	164	38	63
JN3SAC	"	26,040	129	38	55
JR3XEX	"	25,414	155	39	58
JS3CTQ	14	464,677	1282	35	104
*JH3CUL	A	168,167	368	75	136
*JH3OXM	"	36,672	183	37	59
*JA3YPL	"	32,118	151	49	57
(OP: JJ3TBB)					
*JH3PTC	"	31,200	161	42	54
*JO3EVM	"	817	18	10	9
*JI3OGI	"	100	6	4	5
*JL3MCM	28	874	21	8	11
*JA5ND/3	"	24	2	2	2
*JR3RIY	21	55,590	260	28	57
*JL3VUL/3	"	42,152	211	29	59
*JA3BBG	"	9,744	103	16	32
*JR3KAH	"	1,615	37	7	12
*JM3HYL/3	"	735	18	7	14
*JI3MCM	"	168	27	9	15
*JI3BFC	14	105,225	389	32	83
*JA3UWB	"	25,806	194	24	42
*JA3DAY	"	1,323	21	11	16
JH4UYB	A	2,585,024	2177	143	335
JA4EZP	"	26,462	134	40	61
JM4WUZ	14	106,021	474	29	68
*JH4OYA	A	10,508	68	33	41
*JF4XUT	"	1,539	28	8	11
*JN4UUS	"	800	14	11	14
*JN4NQX	"	374	13	11	11
*JR4GPA	21	24,050	141	23	51
*JR4LRY	"	6,864	78	15	24
*JN4KQV	"	1,170	39	14	16
*JA4CBX	"	8	2	2	2
*JR4CTF	14	180	20	3	6
*JE4AEJ	7	3,842	54	16	18
*JR4URW	"	525	22	9	12
JA5APU	14	81,225	363	30	65
*JR5HXU	21	4,978	53	12	26
JA6WJL	28	10,904	137	19	28
JA6WFM	14	52,954	280	25	58
JA6AVT	"	2,015	35	12	19
*JS6RTJ	A	4,929	43	22	31
*JH6WHN	28	2,288	38	11	15
*JH6WXF	21	1,173	40	9	14
*JA6FCL	14	20,670	127	25	40
*JA6WW	"	1,760	41	14	18
JA7NVF	A	818,496	1224	97	197
JR7WAB	"	451,470	922	75	127
JA7COI	"	402,280	754	89	137
JA7ZP	"	79,870	199	69	94
JA7BME	"	52,140	169	56	76
JH7DUM	"	50,464	142	98	54
JA7WQJ	"	10,877	74	30	43
JA7HYS	"	1,276	20	13	16
JA7OWD	28	11,440	124	17	27
*JA7LMZ	A	233,325	455	85	140
*JA7VEI	"	48,831	182	45	78
*JI7GYU	"	4,606	49	21	28
*JE7YSS	"	368	11	6	10
(OP: 7N4TEN)					
*JA7JH	28	4,402	57	12	19
*JL7FBV	"	456	14	5	7
*JA7ADV	21	703	15	10	9
*JH7CUO	14	44,800	237	24	56
*JI7EMD	"	1,728	54	13	19
JA8ECS	A	130,468	275	71	122
*JA8CSY	A	100,625	274	61	100
*JA8IJI	"	23,220	138	34	52
*JL8MBF	"	14,145	103	31	38
*JI8BUR	21	1,122	28	9	13
JF9JTS	A	109,782	256	69	102
JA9CCG	"	85,371	254	54	89
JH9KVF	21	56,762	262	33	68
JH9URT	7	6,512	63	21	23
*JF9KVT	A	35,788	189	38	54
*JA9TQY	"	16,832	117	24	40
*JA9EJG	"	2,432	30	17	21
JJØJML	A	131,974	366	58	93
JRØWZR	"	81,000	225	54	96
JAØUH	28	4,422	66	13	20
JJØKRD	14	163,856	547	35	98
*JAØBMS	A	16,848	111	31	47
*JHØCCK	"	2,948	39	19	25
*JHØNBN	28	3,422	62	11	18
*JAØNFP	"	2,349	41	11	16
*JAØIOF	"	666	25	7	11
*JHØMXV	21	19,434	123	28	51
*JHØEPI	14	116,688	427	29	73
*JAØUMV	"	83,607	361	28	65
*JHØNEC	"	47,895	217	29	64
*JAØGEY	"	4,264	52	18	23

Kazakhstan

UPØL	A	4,732,425	3565	109	404
(OP: UN9LW)					
UN7QF	"	164,400	626	29	91
UN8AA	28	27,552	218	10	38
UN7MMMM	14	570,720	1486	29	116
*UN6G	A	23,540	163	16	39
*UN6P	28	3,360	48	9	19
*UN6LN	14	402,927	1067	31	116
*UN7JX	"	111,930	398	30	93
*UN8FM	"	5,652	61	9	27
*UO6P	7	83,482	455	19	70
(OP: UN7PBY)					
*UN7ECA	3.7	22	7	4	7

Kuwait

9K2K	14	970,278	2027	39	139

Kyrgyzstan

EX2X	14	255,320	833	30	100
*EX7ML	21	122,108	653	19	70

Laos

*XW3DT	14	60,775	389	23	62
*XW1A	"	32,164	198	25	61

Macau

*XX9AU	21	885	64	6	9

Mongolia

JT1BV	A	485,473	1283	77	180
JT1F	"	145,838	734	56	98
JU1F	"	68,208	456	41	75
(OP: JT1AS)					
*JT1DA	A	161,370	737	53	112

Nepal

*9N7JO	14	830,825	2066	36	131
(OP: LA7JO)					

Ogasawara

*JD1BIA	28	114	7	3	3

Oman

*A45WD	A	3,398,140	2500	117	407
(OP: YO9HP)					

Saudi Arabia

HZ1GW	A	2,732,832	2466	100	332
(OP: HZ1EX)					
HZ1IK	7	95,128	484	21	71
*HZ1PS	A	11,682	71	22	37
*HZ1HN	14	6,783	56	14	37

Singapore

*9V1DE	A	21,837	115	35	52

South Korea

HL5UOG	A	104,389	424	53	86
HL2FDW	14	54,404	532	24	43
*DS5TOS	A	28,480	201	34	55
*DS5DNO	"	16,254	96	38	48
*HL5YI	"	10,050	80	27	40
*DS5KJR	"	4,284	74	16	20

Taiwan

BX5AA	A	730,480	1796	71	159
BU2AI	"	83,824	542	43	61
BU2AO	"	12,840	146	26	34
*BU2AE	A	28,384	133	36	60

Tajikistan

EY8MM	3.7	269,100	802	26	104

Thailand

HSØZDG	A	1,140,412	1613	91	247
*HSØZCW	A	252,068	715	44	120
*HSØGBI	"	42,693	240	34	73
*E2ØYLM	"	6,104	72	20	36
*HS1JNB	"	5,777	54	20	33
*HSØEHF	21	17,408	122	22	46
*E21EIC	14	301,488	1079	32	100

UK Bases on Cyprus

ZC4LI	21	795,417	2068	31	116

United Arab Emirates

A61HH	A	1,677,696	1825	90	294
(OP: A61M)					
*A61C	21	158,516	641	20	72

Uzbekistan

UK9AA	1.8	19,950	163	8	42

Vietnam

XV1X	A	178,412	451	58	130

West Malaysia

9M2GCN	21	64,780	584	23	59
9M2CNC	14	256,905	903	32	103
(OP: G4ZFE)					
*9M4DXX	A	351,936	1106	65	143
(OP: 9M2TO)					
*9W2DRL	28	100	17	7	9

EUROPE

Aland Islands

OHØ/SP7VC	A	620,230	1750	55	283
OHØR	14	880,230	2842	39	144
(OP: OH2PM)					
OHØJFP	"	509,640	2245	36	119
OHØB	3.7	371,800	2335	31	112
(OP: OH2BH)					

Albania

*ZA/IW2JOP	A	80,755	367	39	116

Andorra

*C31LJ	A	468,055	1172	67	244

Austria

OE6MDF	A	467,792	891	69	269
OE7AJT	"	192,896	688	36	140
OE4A	3.7	426,528	2291	30	114
(OP: OE8SKQ)					
*OE3DMA	A	171,584	514	49	175
*OE3WMW	"	106,140	607	29	87
*OE1TKW	"	64,614	232	45	133
*OE1YMA	"	16,539	95	30	81
*OE2IJL	"	5,952	65	18	44
*OE/DJ5MW	"	10	5	2	3
*OE1HHB	14	89,528	468	28	96

Azores

CU2A	A	7,556,754	6202	134	499
(OP: OH2UA)					
CU2AF	28	50,150	350	19	66
CU2CR	21	417,152	1519	28	100
*CU3AL	A	3,034	40	14	27

Balearic Islands

EA6LP	A	465,885	998	75	282
*EA6DX	28	53,406	620	19	67
*EC6UD	"	15,478	151	16	55
*EA6UP	21	174,981	983	32	109
*AO6DD	14	440,564	1753	35	131
(OP: EA6DD)					
*ED5ON/6	3.7	38,715	417	16	71
(OP: EA5ON)					

Belarus

EU4LY	A	53,630	269	33	122
EW2EO	"	37,044	245	26	100
EW8KY	"	32,718	220	24	99
EW6GL	"	2,584	27	16	22
EW6AW	"	360	28	5	19
EW4MM	21	19,988	178	17	59
EW8MW	14	392,787	1674	35	136
EU3AR	1.8	36,180	543	8	59
*EU2MM	A	655,092	1489	69	303
*EW4DX	"	83,980	407	29	141
*EW7LE	"	34,748	206	29	117
*EU8KP	"	25,908	223	28	99
*EW1KV	28	4,824	126	4	32
*EU1DX	14	37,996	177	27	91
*EW6EW	"	18,056	244	8	53
*EW8NN	"	3,159	73	9	30
*EW6AL	7	14,338	149	12	55
*EU1DZ	3.7	13,978	223	7	51
*EV6M	"	7,950	123	9	44

Belgium

ON9CMV	A	2,994,176	3315	109	403
OQ7T	"	179,632	715	48	170
(OP: ON7TQ)					
OT1A	"	72,555	266	35	70
(OP: ON4CCP)					
OQ5M	14	368,489	1348	32	107
(OP: ON5ZO)					
OR6N	3.7	12,222	172	10	53
(OP: ON6LY)					

***ON4CT**	A	346,458	680	71	268
*ON5UJ	"	228,846	534	55	203
*OT7E	"	161,820	434	57	204
(OP: ON8DB)					
*ON6LY	"	74,106	295	38	141
*ON4KNP	"	32,670	180	31	90
*ON8VM	"	27,608	144	30	89
*ON3AR	"	16,432	146	17	62
*ON5WL	"	10,823	93	25	54
*ON8NT	"	8,892	89	20	56
***ON3TMG**	28	1,456	53	7	21
***OSØS**	21	65,100	383	22	83
(OP: ON4ZD)					
*ON3ND	"	42,750	257	18	72
*ON5SV	"	14,673	137	16	51
***ON7BBR**	14	46,746	290	23	83
*OO4O	"	29,029	199	19	72
(OP: ON4APU)					
*ON7IC	"	11,144	159	11	45
***OO6U**	3.7	39,130	638	7	58
(OP: ON6UU)					
*ON6OM	"	414	26	2	16

Bosnia-Herzegovina

T93M	A	4,750,070	4923	122	477
T93O	28	189,588	1349	22	100
E7/DK6XZ	21	732,540	2508	38	136
(OP: DK6XZ)					
***T94WG**	A	48,300	241	33	107
***T92M**	28	4,407	96	7	32
***T99W**	14	696,608	2605	36	140
*T94LW	"	47,348	465	15	61
***T99D**	7	208,361	1309	29	110
***T99T**	1.8	7,950	149	6	44

Bulgaria

LZ5A	A	894,250	2237	71	294
LZ2SX	"	292,578	987	56	186
LZ1ZF	"	228,864	825	41	151
LZ2JR	"	138,458	368	58	156
LZ2PG	"	98,936	237	55	111
LZ1QZ	"	9,438	131	12	54
LZ1MS	21	302,610	1163	36	118
LZ5Z	"	18,834	165	17	56
(OP: LZ3DJ)					
LZ3TL	14	83,740	745	26	80
LZ1QN	7	35,399	321	20	71
***LZ2HN**	A	222,794	520	59	227
***LZ1AQ**	"	173,968	514	61	201
*LZ1IKY	"	169,248	535	53	205
*LZ3SM	"	102,921	281	46	157
*LZ2UZ	"	89,856	367	48	144
*LZ1ONK	"	12,648	132	25	77
*LZ4ZD	"	2,790	70	18	44
*LZ3TV	"	2,025	27	10	15
*LZ8A	"	252	9	9	9
(OP: LZ2BE)					
***LZ1ND**	28	82,418	707	20	78
*LZ1NG	"	48,149	469	18	71
*LZ9V	"	9,152	169	12	40
***LZ9X**	14	531,690	2010	36	149
(OP: LZ1UK)					
*LZ1ZC	"	5,762	98	10	33
***LZ2FM**	7	12,505	176	10	51
***LZ2JA**	3.7	65,040	767	13	67
***LZ2SC**	1.8	8,322	121	8	49

Crete

SV9GPV	A	2,120,560	3176	108	412
SV9COL	"	292,878	797	66	252

Croatia

9A3ST	A	345,714	669	76	291
9A1MM	"	30,140	200	32	105
9A4W	21	636,216	2023	35	133
9A4D	14	602,460	2171	37	143
(OP: 9A7DX)					
9A8M	3.7	107,744	1202	16	75
9A2VR	"	107,180	1092	15	77
9A5MT	"	48,126	567	12	66
***9A2EY**	A	125,400	472	39	161
*9A8A	"	97,716	326	47	157
*9A4KW	"	32,944	142	37	79
*9A5ANB	"	24,219	106	30	87
*9A1DL	"	2,520	38	17	28
*9A5YY	"	1,302	27	9	12
*9A5AQA	"	30	3	3	3
***9A4VM**	28	7,952	124	13	43
***9A2TE**	21	59,064	325	24	83
***9A3B**	14	508,698	1874	36	141
(OP: 9A1AA)					
*9A2TX	"	13,110	164	10	47

Czech Republic

OL7Y	A	853,944	1722	78	286
(OP: OK1BOA)					
OK7Y	"	670,071	1253	74	327
(OP: OK1FDY)					
OLØL	"	583,570	1786	67	268
(OP: OK1FNJ)					
OL8R	"	337,212	812	70	253
(OP: OK1FCJ)					
OK1TFH	"	129,087	444	39	150
OK1AXB	"	116,775	481	46	179
OK1FRO	"	38,152	244	31	121
OL9Z	14	501,592	1999	36	133
(OP: OK2PVF)					
OK5R	7	752,669	2875	35	132
(OP: OK1RI)					
OK7M	3.7	320,952	2176	23	106
(OP: OK1DIG)					
***OK6Y**	A	604,072	1166	72	320
(OP: OK2PTZ)					
***OK2BYW**	"	535,428	807	85	332
***OK1DCF**	"	425,256	823	73	303
*OK1TC	"	366,196	875	67	265
*OL6P	"	320,775	721	61	268
(OP: OK2WTM)					
*OK2BDF	"	247,854	728	47	256
*OK2BEN	"	233,240	707	44	236
*OK2PBG	"	230,112	512	62	210
*OK1DKR	"	216,918	539	63	246
*OK1MKU	"	200,960	450	62	258
*OK5XX	"	193,800	563	56	229
*OK1DUT	"	186,501	524	53	196
*OK1CLD	"	182,964	592	48	189
*OK4AS	"	157,661	496	45	178
*OK1SI	"	157,200	488	48	214
*OK2AB	"	155,235	581	55	182
*OK2ZDL	"	139,752	460	45	171
*OK1LO	"	128,553	491	44	175
*OK1AY	"	111,020	574	29	153
*OK2WYK	"	99,552	423	39	165
*OK2BRX	"	82,800	392	36	148
*OL2T	"	79,744	408	30	148
*OK1CO	"	54,285	274	34	131
*OK2BUT	"	52,706	263	29	117
*OK2KFK	"	48,772	239	39	139
(OP: OK2ABU)					
*OK1TRA	"	45,633	268	32	127
*OK4DZ	"	45,543	198	40	101
*OK2SGY	"	42,924	266	31	116
*OK1VHV	"	37,788	213	27	114
*OK1DOZ	"	34,560	224	29	115
*OK4AZ	"	33,142	192	32	114
*OK1VKC	"	28,140	164	35	105
*OK2PHI	"	28,034	176	34	97
*OK2SWD	"	23,643	198	21	90
*OK2VX	"	19,720	132	29	87
*OK2PBG	"	15,738	130	22	64
*OK1KQI	"	8,282	106	23	59
(OP: OK1CO)					
*OK1JN	"	3,782	94	11	51
***OK2HZ**	28	13,200	196	9	51
*OK1KZ	"	3,552	116	5	27
*OK2ABU	"	1,770	68	6	24
***OK2N**	21	110,366	470	30	109
(OP: OK2NN)					
***OK1UG**	7	28,520	246	18	74
***OL4W**	3.7	36,270	549	8	57
(OP: OK1IF)					
*OK1DST	1.8	4,185	107	5	40

Denmark

OZ7AM	A	696,953	1588	68	281
OZ1JTE	"	358,905	799	60	277
OZ5EV	"	207,957	420	73	309
OV1A	"	113,594	392	44	177
OZ1NE	"	44,128	366	21	91
OZ7EA	"	3,712	88	15	43
OZ7X	3.7	186,473	1465	22	97
(OP: OZ5KF)					
***OZ1ACB**	A	204,352	630	47	201
***OV3X**	"	198,990	497	66	231
(OP: OZ8AE)					
*OZ4NA	"	108,108	476	41	148
*5P4RT	"	58,116	239	40	134
*OZ1KKH	"	44,160	160	38	146
*OZ6OQ	"	32,562	280	24	110
*5P1B	"	10,137	146	20	73
*OZ7TTT	"	7,875	96	16	59
(OP: OZ5WQ)					
*OZ1DGQ	"	4,182	60	15	36
*OZ3EN	"	2,346	46	13	33
*OZ1ELY	"	84	9	5	9
*OZ4MF	"	100	16	5	15
***OZ7AEI**	14	1,643	58	6	25
*OZ1BXM	"	78	12	4	9
***OZ6TL**	7	2,112	62	5	27

England

M6T	A	6,149,240	4981	149	531
(OP: G4PIQ)					
M8C	"	865,920	1525	80	304
MØWLF	"	543,918	1264	54	215
G4FAL	"	470,934	1149	59	283
G2C	"	179,280	424	62	187
(OP: MØGHQ)					
G3RWF	"	112,908	376	43	151
GØAZG	"	56,485	305	40	103
G3PJT	"	37,647	151	36	105
G7PVZ	"	18,860	193	24	91
G7RSM	"	16,124	94	30	86
GØAEV	28	120,119	896	21	92
G4WPD	"	6,664	164	11	38
G3RAU	21	219,554	718	31	120
G3TXF	14	582,560	2028	34	126
G4ERW	"	169,126	975	22	81
***G4BUO**	A	1,329,525	1832	94	381
***MØWTF**	"	378,880	787	56	240
*GØKDS	"	268,826	747	51	227
*G4FKA	"	227,058	744	42	204
*G4WGE	"	205,504	618	46	201
*G4DDX	"	158,652	528	45	181
*G8MIA	"	148,716	555	39	165
*MØMCX	"	127,347	494	36	191
*G4MKP	"	114,660	460	37	143
*G7BRZ	"	92,862	466	34	167
*G6SFP	"	88,328	346	43	138
*2EØPLA	"	84,212	397	33	115
*G8ZRE	"	54,285	357	26	115
*G4DDL	"	53,802	296	29	118
*MØVBY	"	53,067	209	37	110
*G4NXG	"	47,716	190	42	116
*G7RTI	"	46,624	300	22	102
*MØGBP	"	42,926	259	30	139
*G3RSD	"	39,567	245	24	97
*MØOIC	"	32,224	153	32	120
*MØBMX	"	26,751	206	22	89
*MØGKC	"	26,559	190	22	95
*G7VNN	"	14,896	143	16	82
*G3VQO	"	13,520	118	22	82
*M3PZT	"	12,814	112	26	60
*G1KAG	"	9,792	139	11	57
*G7VJR	"	7,700	96	15	62
*M3RXO	"	6,100	98	12	49
*MØCOP	"	5,475	62	16	59
*MØWWA	"	4,108	58	20	32
*M3NLK	"	1,927	49	8	33
*MØPKZ	"	837	21	11	16
*M3ZRJ	"	720	25	9	21
*M3VRN	"	190	22	5	14
*M3USQ	"	100	53	9	32
***G4ZOB**	28	3,312	82	7	29
*M1MAJ	21	1,075	25	7	18
***G8RCK**	14	8,904	138	11	45
*GØVOK	"	7,800	99	11	41
*GØRPM	"	2,280	93	5	35
*MØEEE	"	252	22	3	9
(OP: GØVQR)					
***G3WW**	7	16,698	225	10	56
*G6CSY	"	3,182	80	6	31
*G3VYI	1.8	588	31	3	18

Estonia

ES5TV	A	5,564,372	5581	140	552
ES5MG	"	69,142	262	46	145
ES2BH	"	13,080	112	24	85
ES5MC	3.7	160,775	1315	19	90
*ES1IP	A	3,038	58	10	39
*ES4RD	"	144	6	3	6
***ES1CN**	21	18,460	205	12	59
*ES1BA	"	3,168	24	24	24
*ES5RIM	14	4,884	89	8	36
***ES7GM**	7	96,459	780	20	91
***ES6KW**	3.7	16,080	242	10	50
*ES6PA	"	16,020	250	10	50

European Russia

RW1AC	A	3,565,482	3826	126	453
RG3K	"	2,002,011	2463	113	476
(OP: UA3QDX)					
RS3A	"	1,948,456	2236	122	510
(OP: RA3CW)					
UA4FER	"	1,720,251	2066	102	405
RN4AA	"	1,373,982	1964	106	428
RN3ZC	"	1,339,104	2176	96	385
RK3ZZ	"	629,202	979	90	336
RV3RM	"	469,536	945	81	321
UA3AB	"	463,062	593	112	314
RT3T	"	388,992	724	81	303
(OP: UA3TU)					
RK3IM	"	313,688	689	74	273
RX3AGD	"	260,440	414	83	257
RU3UR	"	241,605	639	69	204
RA6AFB	"	234,910	575	62	216
RK3QS	"	211,255	613	59	194
RU1AB	"	203,496	580	52	226
UA3TCJ	"	181,260	439	62	97
UA3RN	"	168,018	498	57	189
RZ3DA	"	146,828	350	66	218
UA4SU	"	146,168	386	59	183
UA6HMM	"	129,876	251	80	194
RA3CM	"	118,250	423	51	164
UA1CEI	"	102,816	518	33	156
UA3KW	"	90,598	197	59	135
RU6MD	"	86,932	276	49	162
RZ3DH	"	78,760	392	39	140
RA3NC	"	77,164	281	45	157
RA1ACY	"	59,551	451	20	93
RK6FZ	"	58,401	247	46	143
UA4NC	"	50,137	231	42	139
RZ3QZ	"	45,220	144	54	116
UA6HHE	"	35,372	242	33	115
UA6YI	"	33,984	131	48	96
UA6UDV	"	32,485	337	18	71
RA3UT	"	29,329	110	33	106
RA1OD	"	26,784	110	29	95
UA4NCI	"	17,480	88	36	56
RX4HX	"	8,856	82	19	53
RZ3FR	"	2,072	49	16	40
RL3AW	"	1,519	19	14	17
UA3BM	"	72	7	6	6
RZ3RD	28	1,575	67	9	36
RL3BM	21	234,738	1050	33	129
RV6LJK	"	191,724	859	33	123
RC4Q	"	115,491	593	26	111
(OP: UA4RC)					
RD3A	14	484,920	1717	39	141
(OP: RD3AF)					
RZ1ZZ	"	192,185	1171	24	95
RN3GA	"	138,233	734	29	108
RW6ATJ	"	128,384	825	29	99
RW1CW	"	102,378	395	31	120
UA3EDQ	"	91,688	346	30	116
RW3FY	"	84,180	500	26	96
RD3FG	"	40,414	185	28	93
RV1AT	"	17,952	211	14	52
UA6FP	"	16,600	153	15	68
RU4SS	7	225,862	974	31	115
RZ3AV	"	40,194	308	18	81
RX6BZ	"	20,100	108	21	79
UA4HOX	3.7	38,766	388	18	60
RU6FA	"	30,176	286	15	67
UA6LPY	"	1,440	22	12	18
RZ6HDX	1.8	4,128	80	7	36
***RV6LFE**	A	826,896	1478	82	346
***RV4HC**	"	729,750	1477	81	269
***UA4FRL**	"	717,912	1124	90	382
*RN3AHL	"	654,003	944	97	344
*UA3BL	"	538,752	1116	75	309
*RA6GW	"	490,220	735	89	297
*RX6AH	"	415,172	761	79	304
*UA3LHL	"	414,687	1021	59	284
*RL3WX	"	384,444	796	72	282
*UA6YIU	"	347,760	717	68	277
*RN3QIS	"	279,565	689	64	235
*RV4LC	"	266,264	478	76	256
*UA4PJM	"	245,916	608	64	233
*UA3ABJ	"	229,732	488	71	245
*RV3LO	"	222,794	674	51	235
*UA3FDX	"	204,514	527	64	229
*RZ6FA	"	203,688	310	75	201
*UA4LA	"	201,915	544	69	246
*UA3QLQ	"	198,052	592	48	220
*UA1CUR	"	177,952	529	49	219
*RW3VZ	"	175,066	495	55	216
*RU4CS	"	173,120	322	62	258
*RV3QO	"	167,706	470	54	188
*RU3ZV	"	162,597	499	53	196
*RN4CA	"	124,875	382	49	176
*UA3QU	"	115,596	321	52	176
*UA6ARR	"	104,748	411	49	154
*UA6HCA	"	103,600	229	55	145
*RU4WD	"	101,115	443	40	149
*RD6LP	"	97,995	223	69	166
*RA3LZ	"	93,450	366	47	163
*RW6CW	"	93,248	231	68	180
*RX3QDF	"	93,147	353	38	145
*RA3MB	"	91,142	306	43	186
*U1BA	"	86,850	403	33	160
*UA3AAP	"	86,784	375	39	153
*RL3AJ	"	81,450	380	35	146
*RD3DT	"	79,875	274	57	156
*RL3FA	"	72,674	195	58	145
*RU6HJ	"	71,977	398	31	136
*RA3RGQ	"	69,552	209	53	136
*UA3OQ	"	66,340	332	28	127
*RA6HSM	"	61,776	265	35	121
*RU3XB	"	59,684	292	34	138
*UA1WGV	"	59,675	308	31	124
*RA3TUT	"	58,706	190	41	156
*UA4FEN	"	55,735	275	38	119
*RD3AN	"	53,277	255	31	146
*UA1WBV	"	52,096	217	39	137
*RU6YZ	"	52,015	441	22	79
*RA3XE	"	50,948	220	41	147
*RZ3DC	"	50,869	182	48	121
*UA4FUW	"	48,393	216	39	132
*UA3ACL	"	43,524	248	30	126
*UA1ZCX	"	42,558	371	26	56
*RA1AFR	"	41,748	235	28	114
*RL3QWA	"	40,260	257	28	104
(OP: RU3QD)					
*RK3DU	"	37,264	221	28	109
*RZ3ARO	"	36,208	249	25	99
*RZ3VA	"	33,885	178	37	98
*RA6XTD	"	32,916	188	36	120
*RX3XP	"	31,974	208	33	113
*RA6FUZ	"	31,828	205	26	83
*RV1AE	"	28,427	226	27	104
*RA1TV	"	27,156	196	24	100
*UA4AZ	"	26,257	123	32	89
*RX3AU	"	26,200	142	35	96
*RW3WX	"	25,296	208	26	98
*UA1WA	"	22,712	127	35	101
*UA4AN	"	21,935	155	22	85
*RA4NCC	"	21,624	162	27	79
*RU3XY	"	20,520	150	31	89
*RA4FUN	"	20,384	132	26	78
*UA3AKI	"	19,998	166	19	82
*UA1AAR	"	19,055	167	19	84
*RX3VF	"	18,984	151	22	91
*UA4CCG	"	18,759	130	30	81
*RX3AEX	"	18,720	131	29	88
*UA3FX	"	16,995	123	27	76
*RA6AAW	"	15,582	72	37	61
*RU3DM	"	12,240	64	30	60
*RA3DBK	"	12,100	141	20	80
*RZ3ATE	"	11,316	108	23	69
*RW3DD	"	11,088	57	38	46
*RZ6BU	"	10,947	61	34	55
*RU3OG	"	10,780	59	39	59
*RA1QKI	"	10,108	111	16	60
*UA6HFI	"	10,000	115	31	69
*UA3TN	"	8,400	65	24	51
*UA3SBW	"	8,052	101	17	44
*RA3TLA	"	7,930	90	18	47
*UA4HUR	"	6,695	43	22	37
*RW3VI	"	6,636	80	19	60
*RN4AM	"	5,820	45	20	40
*RW4PJS	"	4,690	67	17	50
*UA1AFZ	"	4,392	53	16	45
*UA3MOC	"	3,520	49	15	40
*RZ3ABC	"	2,442	45	9	28
*RV3TG	"	2,226	67	9	33
*UA3DSS	"	2,064	31	16	27
*RW3DY	"	1,288	19	10	18
*RA3ZOM	"	675	18	10	17
*RV3BZ	"	520	31	8	18
*RA3BQ	"	285	16	7	12
*RN6DR	"	180	15	3	9
***RA6LW**	28	16,188	259	10	47
*RW6BN	"	8,370	143	9	45
*RA1AW	"	2,294	65	6	25
*UA6AK	"	1,025	34	7	18
***RA6YY**	21	201,465	802	33	132
*UA4LW	"	24,388	161	18	73
*RN3DY	"	14,141	106	17	62
*RW4LQ	"	13,032	72	19	53
*RA4LK	"	1,080	23	9	21
***RA3OE**	14	32,592	309	13	71
***RK6CK**	"	32,277	317	17	70
***RW6AH**	"	30,175	266	16	69
*RA3DGH	"	22,648	221	12	64
*RU3UW	"	9,240	122	9	46
*RX3MM	"	8,515	66	17	48
*UA3DFR	"	8,125	140	13	52
*RV3YR	"	987	20	8	13
***RN4SN**	7	64,900	321	22	96
*UA1ANA	"	25,174	241	15	67
*RA3DTN	"	5,104	52	16	42
*RA1QGK	"	3,198	66	7	34
*RA1QDP	"	2,418	67	8	23
*UA4WAG	"	600	21	7	18
*RN3QPK	"	399	28	7	14
***RA3XM**	3.7	22,244	342	10	57
*RZ3AUL	"	11,872	193	8	48
*RL3AF	"	5,633	107	6	37
***UA6AIW**	1.8	14,490	212	11	52

European Turkey

***TA1CM**	A	136,675	402	70	205

Finland

OF8X	A	3,698,400	3639	112	424
(OP: OH6UM)					
OF4R	"	1,874,740	3186	95	395
(OP: OH4JFN)					
OF1F	"	1,871,844	2533	102	405
(OP: OH1NOA)					
OH1RX	"	343,036	586	79	303
OH1BV	"	238,434	655	54	240
OH2CK	"	230,318	392	80	281
OH1XY	"	107,426	275	53	156
OH1MM	"	73,745	229	55	160
OH1SIC	"	43,684	249	32	131
OH5NE	"	25,856	192	24	104
OH6TN	"	285	11	8	11
OH2XF	21	24,087	140	18	75
OF8L	14	620,024	2152	40	148
OH5NS	"	24,012	169	21	71
OH2VZ	"	18,150	184	16	59
OH1TX	3.7	131,928	894	30	108
***OH1JO**	A	289,718	836	56	230
*OH2LP	"	84,436	388	36	166
*OH2BPA	"	62,200	240	36	164
*OH2MDC	"	10,080	107	19	71
*OH8AA	"	3,150	66	10	35
(OP: OH8KVY)					
*OH3HS	"	2,958	41	11	40
*OH6GFI	"	144	11	7	11
***OH5NZ**	21	14,960	115	16	64
*OH8VJ	1.8	812	42	5	23

France

F5VHY	A	761,856	847	82	302
F5BBD	"	733,698	1556	66	312
F4DSK	"	612,720	1106	72	342
F5PU	"	414,252	1251	60	251
F8DVD	"	162,328	483	48	158
F5IN	"	125,077	405	58	169
F5PAL	"	91,344	303	42	131
F4CPF	"	32,193	154	40	107
F5FLN	7	452,751	1794	31	110
F6CTT	3.7	509,715	2332	29	112
F5AMH	"	22,239	396	10	53
***F4BKV**	A	1,568,043	1818	100	431
***F4FLQ**	"	825,132	1327	92	370
*F1RHS	"	597,774	964	83	319
*F8AKS	"	593,895	1221	55	234
*F6FTB	"	492,733	925	65	308
*F2AR	"	388,075	843	61	300
*F4AGR	"	298,080	576	56	214
*F8AAN	"	258,352	786	69	199
*F4ETG	"	247,361	682	50	227
*F5LIW	"	207,692	437	62	212
*F4DLL	"	164,640	575	44	180
*F5INJ	"	149,688	533	43	173
*F5POJ	"	134,805	390	45	164
*F5RQQ	"	121,806	351	54	147
*F5LCU	"	121,402	408	40	162
*F4EUN	"	116,085	387	46	167
*F6BAT	"	109,532	457	43	154
*F6DZD	"	105,792	395	40	152
*F8AEE	"	99,879	336	36	133
*F8DYD	"	87,354	310	45	162
*F4MWM	"	86,464	438	35	158
*F4FEP	"	73,633	314	31	126
*F5NBK	"	70,056	341	37	131
*F2RO	"	68,255	296	50	137
*F8DFP	"	63,720	271	40	140
*F4EFI	"	63,360	178	53	112
*F1ICS	"	58,220	287	38	126
*F6DRP	"	57,540	369	29	108
*F8CRS	"	56,917	234	40	133
*F4FIP	"	55,417	193	42	109
*F4CUI	"	30,960	172	33	87
*F5OHH	"	29,172	190	26	76
*F4EWU	"	25,740	235	24	119
*F1TDO	"	24,932	121	32	60
*F5RPB	"	19,320	114	27	65
*F1MKG	"	18,952	178	22	81
*F4FFH	"	16,198	125	24	67
*F4EMN	"	15,225	122	20	67
*F8BBL	"	12,036	96	27	75
*F4EKV	"	10,507	109	22	57
*F5MLJ	"	6,264	73	24	48
*F4EXM	"	2,450	52	10	39
*F4FDQ	"	1,155	30	11	24
*F1OK	"	50	2	2	2
***F4FDA**	28	38,480	422	17	63
*F6HRP	"	16,800	233	14	42
*F5NCU	21	5,472	78	11	27
***F5IYQ**	7	48,825	395	17	88
*F5SSK	"	22,493	276	16	67
***F5BEG**	3.7	13,395	185	9	48

Germany

DJ8OG	A	3,555,648	3338	113	463
DJ4PT	"	3,015,408	2821	121	407
DL4MCF	"	2,907,420	3185	110	454
DL8SCG	"	898,462	1050	87	370
DL2DX	"	828,855	890	114	375
DL4SVA	"	784,750	1309	87	343
DL1DTC	"	619,332	992	81	323
DL1RG	"	548,184	1013	70	294
DL2APJ	"	519,295	995	70	331
DF6QV	"	493,324	980	65	293
DL9DRA	"	486,744	689	85	323
DL9GWD	"	470,492	798	75	332
DL5MEV	"	433,680	685	88	302
DJ3HJ	"	420,596	787	71	245
DL5AN	"	355,014	603	75	288
DF1IAQ	"	330,285	797	57	234
DL3BPC	"	330,044	707	55	231
DG8AM	"	309,764	796	60	262
DJ6OZ	"	304,640	678	58	262
DJ9HX	"	303,676	499	75	241
DK8EY	"	298,272	634	58	254
DJ1TU	"	266,110	552	62	237
DJ2MX	"	266,084	598	62	239
DL9UDS	"	262,048	598	60	244
DJ4QO	"	253,080	585	50	246
DL6RBO	"	215,385	534	57	192
DK5JM	"	207,480	441	53	194
DF9RD	"	169,728	604	50	206
DL8KJ	"	165,376	389	60	212
DL9DRZ	"	160,832	495	45	179
DF5BX	"	150,894	479	45	204
DJ5GK	"	141,360	409	49	199
DJ5CL	"	131,904	415	48	181
DL6RBH	"	117,648	365	54	174
DL9SUB	"	114,242	348	49	190
DL1STG	"	96,117	296	47	152
DQØA	"	94,724	405	41	158
(OP: DF1DV)					
DG1EA	"	89,187	329	51	166
DL5RCW	"	60,024	332	30	134
DL6DVU	"	56,780	244	42	125
DL5ST	"	44,825	157	52	111
DL1YFF	"	42,795	205	35	100
DJ8ES	"	41,808	130	48	108
DL8USA	"	37,200	156	39	111
DL1LOD	"	34,272	171	36	117
DH7LD	"	31,857	158	37	74
DK1LRS	"	21,054	178	26	95
DL5RBR	"	20,790	118	34	71
DL6AX	"	16,821	162	14	49
DL7BA	"	5,684	46	22	36
DK3HV	"	4,636	63	17	44
DL5SVB	"	1,827	77	3	26
DL9JON	"	1,560	51	4	26
DHØGDS	28	9,168	199	7	41
DJ6GK	"	3,744	58	12	36
DJØQN	21	420,024	1256	36	136
DL4LBK	"	165,584	677	23	108
DB9EX	"	66,462	354	24	90
DL5RMH	"	24,528	148	18	55
DL1Z	14	86,310	567	25	80
(OP: DF3KV)					
DL5CF	"	44,838	173	29	112
DJ7TO	"	5,248	66	18	46
DLØSBM	"	2,080	33	11	21
(OP: DL2QT)					
DL3KZA	7	49,082	456	17	80
DG7TW	3.7	12,408	157	9	57
DL4ØRRDXA	"	3,060	102	6	30
(OP: DB9EX)					
DF2UU	1.8	52,041	607	13	70
***DK5DQ**	A	725,424	1040	76	305
***DL6DCD**	"	708,064	1148	76	360
***DR4G**	"	595,308	1021	66	307
(OP: DJØGM)					
*DL7UMK	"	492,560	1001	67	309
*DM5A	"	344,825	777	58	267
(OP: DL1DWR)					
*DL1SMA	"	316,940	668	60	239
*DK5EZ	"	315,744	610	63	289
*DJ4JF	"	311,520	518	75	255
*DJ8UV	"	292,654	899	56	206
*DL4WA	"	252,800	543	61	255
*DB9UH	"	228,068	667	47	221
*DK8AX	"	215,286	412	64	254
*DJ9ZB	"	210,112	503	54	214
*DP3D	"	202,168	520	58	238
(OP: DK3KD)					

*DM3HZN	"	192,270	477	64	191
*DF3QG	"	185,220	372	65	205
*DL6AKK	"	165,808	500	49	192
*DL9LF	"	157,542	459	39	178
*DK7CH	"	157,131	560	43	178
*DL1TS	"	149,872	445	52	220
*DL8DAW	"	137,025	502	43	182
*DM2AWM	"	136,080	455	45	195
*DL9ABF	"	135,801	390	48	189
*DM3KZN	"	131,544	365	55	148
*DL5XAT	"	128,205	421	48	183
*DL2DTL	"	116,760	416	47	163
*DL2VB	"	114,595	394	43	162
*DL6GV	"	113,646	357	43	143
*DFØIT	"	111,300	501	34	178
			(OP: DF6QC)		
*DL1DXF	"	108,192	357	39	185
*DF6WE	"	105,165	407	37	168
*DL8ULO	"	101,773	400	45	172
*DC8SG	"	101,700	372	46	180
*DK7GH	"	101,268	374	37	157
*DLØDWD	"	100,947	479	33	176
			(OP: DF6QC)		
*DF2FM	"	99,484	318	49	160
*DL7VX	"	98,255	440	33	182
*DH2PL	"	92,974	310	46	183
*DL6EAQ	"	92,191	344	38	149
*DL4DBM	"	91,332	264	39	133
*DL6NAL	"	90,688	407	39	179
*DK7MCX	"	89,864	416	40	148
*DGØCC	"	87,234	397	39	162
*DF3IS	"	84,189	339	45	166
*DL8HCO	"	82,386	322	40	167
*DL7FA	"	81,672	360	27	137
*DL7ULM	"	79,560	330	39	141
*DO9ST	"	78,560	419	30	130
*DL3SCN	"	76,018	338	33	158
*DK7FP	"	75,168	330	33	141
*DG1FBP	"	73,071	269	45	162
*DK5LF	"	70,499	356	39	148
*DH3RB	"	69,120	306	33	127
*DD1RB	"	68,499	381	33	144
*DL1JGG	"	67,936	354	41	152
*DH3MAY	"	67,818	317	36	142
*DL8AAM	"	67,200	202	45	195
*DL3KVR	"	64,777	237	47	164
*DK1ROB	"	64,656	272	34	110
*DKØGV	"	63,135	244	40	143
			(OP: DF5AN)		
*DRØT	"	63,072	235	42	104
			(OP: DH5HV)		
*DL4MNG	"	60,800	321	30	130
*DL8UGF	"	58,800	307	34	141
*DL8ZAJ	"	58,310	264	35	135
*DL1VJL	"	55,900	183	47	125
*DK1TS	"	54,766	246	34	105
*DL5JSP	"	53,785	147	50	105
*DL4KUG	"	52,870	237	39	131
*DG6OAG	"	52,185	227	35	112
*DF5LR	"	52,124	305	30	127
*DL8CKL	"	51,428	222	41	131
*DO6SR	"	48,601	393	15	116
*DK6BT	"	45,999	204	37	134
*DL1DBR	"	43,935	228	30	115
*DL2AL	"	42,924	232	32	115
*DK6RF	"	42,334	181	35	87
*DK6AY	"	41,613	207	34	109
*DM2GFN	"	40,736	171	34	100
*DL5SDK	"	39,960	266	28	120
*DO1HGS	"	39,690	158	35	127
*DF7GG	"	38,771	166	32	105
*DL2IAN	"	38,688	155	47	109
*DM5LK	"	36,504	320	26	130
*DL8YR	"	36,408	231	29	135
*DF2PH	"	35,052	214	28	99
*DL9ZWG	"	34,224	166	38	100
*DL5MO	"	34,126	164	31	120
*DO9PL	"	33,600	281	20	92
*DL7UXG	"	33,276	207	28	113
*DH6BH	"	30,654	187	37	94
*DL3ZAI	"	29,998	222	21	85
*DG8YHO	"	29,960	251	25	115
*DC8WPA	"	28,750	221	29	96
*DRØR	"	27,972	161	30	81
			(OP: DK2DQ)		
*DJ8RS	"	27,846	102	33	86
*DL7EF	"	27,216	266	33	129
*DK7TM	"	25,397	238	23	86
*DC2KN	"	23,562	148	32	87
*DG6DAF	"	21,460	128	33	83
*DL5ZB	"	20,064	106	35	97
*DK4DS	"	19,090	116	29	86
*DH1OK	"	17,340	142	25	77
*DL8JDX	"	15,965	91	29	74
*DG4YGW	"	15,900	135	26	74
*DO1SKJ	"	15,792	150	18	66
*DJ6XV	"	15,770	115	23	72
*DL3BRA	"	15,219	193	15	74
*DL1NSG	"	15,012	152	31	77
*DO6TPG	"	14,110	101	21	64
*DO3UWE	"	13,923	142	20	71
*DL4EBW	"	13,800	113	27	73
*DJ6UP	"	13,230	132	26	72
*DL2HRK	"	12,995	176	24	89
*DO9RE	"	12,954	180	21	81
*DD8EI	"	12,576	103	25	71
*DL8ZVG	"	12,519	116	27	80
*DL5DSA	"	11,900	88	34	66
*DO1CDE	"	11,165	135	21	56
*DM2AJK	"	11,100	119	18	56
*DO2SMJ	"	10,921	91	12	55
*DO2MS	"	10,665	105	17	62
*DJ2IA	"	10,192	86	27	64
*DL2ZA	"	10,176	121	21	75
*DO3ME	"	10,010	96	20	57
*DO1KUB	"	9,360	114	14	64
*DD8IU	"	9,216	123	15	57
*DK8AF	"	9,114	72	23	39
*DL1VTL	"	8,881	102	23	60
*DJ6TB	"	8,701	83	23	54
*DL6UAM	"	8,418	116	13	48
*DC2ZL	"	7,182	90	17	46
*DO6AL	"	6,720	95	15	49
*DL2ASK	"	6,570	95	22	68
*DO7DU	"	6,320	74	20	60
*DL2EF	"	6,204	93	18	48
*DO1DJJ	"	5,985	99	14	43
*DO3AH	"	5,780	80	16	52
*DO6GZ	"	5,150	82	13	37
*DG2NMH	"	4,982	100	25	69
*DL2FJK	"	4,968	51	16	38
*DG1LS	"	4,312	58	19	37
*DG5LM	"	4,002	51	17	41
*DL8UAT	"	3,504	31	20	28
*DJ2XC	"	3,192	51	16	41
*DL3APM	"	3,100	30	22	28
*DK9IP	"	2,891	34	19	30
*DL2SWN	"	2,604	26	18	24
*DK4QT	"	2,516	41	13	21
*DL4NTC	"	2,408	37	14	29
*DL1ARD	"	2,392	47	13	33
*DL7CU	"	1,702	39	11	26
*DL9FB	"	1,600	56	14	36
*DC2TOM	"	1,360	26	11	23
*DO5AWE	"	1,221	46	5	32
*DO9KT	"	1,056	38	7	25
*DJ3AK	"	540	19	6	14
*DL8DXL	"	435	20	10	19
*DL2WJT	"	418	16	6	13
*DL1XAS	"	399	18	7	14
*DL8MKG	"	336	9	7	9
*DO2KJ	"	273	17	7	14
*DL2YED	"	255	11	7	10
*DD4MS	"	100	9	3	8
*DL5EE	"	77	7	4	7
*DL2DYL	"	54	11	8	10
*DL8DWW	"	50	6	4	6
*DL2BMH	"	25	19	8	17
***DH8BQA**	**28**	**54,004**	**489**	**14**	**78**
***DJ1ZU**	**"**	**26,196**	**285**	**14**	**60**
*DL7DZ	"	11,946	126	15	51
*DJ6BQ	"	5,292	67	12	37
*DL9NEI	"	4,368	104	6	36
*DB4SP	"	3,813	91	9	32
*DL5ANS	"	1,300	48	5	21
***DL1EFD**	**21**	**148,911**	**545**	**26**	**121**
*DO1CS	"	7,965	103	13	46
*DG1DRS	"	1,736	43	7	24
***DL9URZ**	**14**	**150,632**	**639**	**32**	**120**
*DL9LM	"	44,910	371	17	73
*DH2UHF	"	34,865	274	18	77
*DL1AL	"	27,470	253	16	66
*DL1AIW	"	9,381	123	12	47
*DL5SWB	"	3,240	89	5	31
*DL2IH	"	1,020	31	5	25
*DH5WB	"	504	18	5	16
*DL7LZ	"	399	17	6	13
*DM5OKR	"	336	53	6	36
*DL6UAA	3.7	3,458	92	5	33
***DL2VSF**	**1.8**	**3,999**	**97**	**5**	**38**

Gibraltar

***ZB3B**	**A**	**312**	**8**	**6**	**7**

Greece

SV1GRD	**A**	**165,880**	**459**	**58**	**202**
SV1DPI	"	1,680	30	15	27
SX1L	**14**	**359,709**	**2074**	**32**	**115**
			(OP: SV1JCZ)		
J43J	**3.7**	**33,957**	**379**	**11**	**66**
			(OP: DJ5JH)		
***SV4LBA**	**A**	**18,450**	**167**	**20**	**62**
***SV1UT**	**21**	**89,880**	**511**	**28**	**92**
*SVØXBA	"	50,544	291	25	79

Guernsey

***MUØGSY**	**A**	**375,705**	**1167**	**45**	**208**

Hungary

HA3FT	**28**	**13,838**	**203**	**19**	**55**
HA3GJ	**21**	**49,532**	**301**	**29**	**87**
HA3FRE	"	2,021	58	13	30
***HA3DMF**	**A**	**158,079**	**522**	**47**	**190**
*HA3OU	"	114,862	431	44	183
*HA2MN	"	77,850	390	35	138
*HA7AVU	"	66,928	294	38	150
*HA7YS	"	17,952	165	28	74
*HG3FMZ	"	5,576	79	22	46
***HA8TP**	**28**	**30,600**	**346**	**14**	**61**
***HG4F**	**14**	**164,197**	**1057**	**28**	**93**
			(OP: HA4FF)		
*HA7NK	"	35,770	263	20	78
*HA2QW	"	4,472	95	11	41
***HA8BE**	**7**	**16,068**	**171**	**18**	**60**
*HG5Y	1.8	609	30	3	18
			(OP: HA1CW)		

Iceland

TF3AM	**A**	**36,190**	**247**	**27**	**83**
TF3CW	3.7	1,080	40	6	24
***TF8GX**	**A**	**18,768**	**155**	**25**	**77**
***TF3DC**	**21**	**4,305**	**86**	**10**	**31**

Ireland

EI9FVB	**A**	**130,356**	**418**	**40**	**164**
EI4CF	**21**	**199,801**	**1166**	**21**	**98**
EI9HX	**14**	**332,718**	**1644**	**31**	**107**
EI2JD	**1.8**	**36,084**	**614**	**8**	**54**
***EI7CC**	**A**	**265,104**	**669**	**51**	**212**
*EI4GXB	"	133,860	310	55	139
*EI4HQ	"	40,866	240	28	111
*EI4II	"	36,608	210	31	97
*EI4GAB	"	16,800	139	19	56
*EI3GYB	1.8	3,162	90	5	29

Isle of Man

MDØCCE	**A**	**907,578**	**1515**	**80**	**361**
MD9Y	"	90,440	406	30	89
			(OP: GD3YUM)		

Italy

II4A	**A**	**2,206,274**	**2860**	**104**	**375**
			(OP: IK4ADE)		
IK2DZN	**"**	**1,447,446**	**2089**	**91**	**338**
IZ8CKT	**"**	**1,265,660**	**1740**	**104**	**380**
IK2UCK	"	609,000	996	80	326
IV3UTV	"	499,410	1179	61	218
IR2A	"	399,630	1281	35	138
			(OP: I2UIY)		
IK1JJM	"	319,516	725	63	239
IV3UHL	"	318,496	853	59	237
IK2SGB	"	307,197	572	69	252
IKØXBX	"	294,954	507	75	252
IK1PMR	"	144,336	317	48	200
IK2SAU	"	113,490	265	56	235
IW4EIQ	"	100,749	249	55	158
IWØHLZ	"	81,880	363	48	136
IWØBCF	"	77,865	290	42	103
IZ8GNH	"	76,006	318	42	136
IZØBVU	"	61,656	221	50	118
IZ5ILK	"	44,688	185	46	101
IN3IZT	"	30,989	194	30	103
IK2IKW	"	25,284	148	32	97
IZ5ILQ	"	12,460	97	26	63
I4YUG	"	6,300	75	19	51
IW3SRC	"	3,306	66	14	44
IX1CVF	"	740	36	10	27
IZØDXI	**28**	**12,798**	**140**	**17**	**62**
IZ8DPL	**21**	**487,859**	**1514**	**36**	**127**
IZ7CDB	"	672	30	5	11
IR5T	**14**	**663,168**	**2208**	**37**	**139**
			(OP: IK5ORP)		
IR2M	**"**	**526,492**	**1865**	**35**	**137**
			(OP: IZ2FDU)		
IR4B	"	364,536	1288	36	130
			(OP: IK4AUY)		
IW5ELR	"	68,052	401	22	85
IKØPHY	"	21,090	173	16	58
IW1GGN	"	72	4	3	3
IK4SPB	**3.7**	**72,555**	**661**	**17**	**88**
IR2W	"	46,376	516	15	73
			(OP: IK2EGL)		
IZ1BII	1.8	5,246	69	7	54
IV3BKH	1.8	270	10	6	9
***IZ2FOS**	**A**	**2,108,160**	**2644**	**114**	**462**
***IZ6ERS**	**"**	**513,468**	**1549**	**65**	**241**
***IZ3KKE**	**"**	**471,615**	**813**	**79**	**266**
*IK6OIN	"	440,067	740	85	298
*IZ8FFA	"	436,248	857	74	258
*IZ5ICH	"	309,918	773	67	215
*IZØEHL	"	272,490	582	65	228
*IK2QLX	"	248,064	601	59	213
*IK3SSJ	"	181,388	487	61	213
*IV3KFB	"	153,720	845	41	142
*IZ5JMZ	"	151,636	411	52	175
*IWØGYC	"	139,893	454	48	173
*IK4QJF	"	119,566	410	47	144
*IZ2EAS	"	117,117	448	37	132
*IZ8FBU	"	115,000	404	46	154
*IZ3GNG	"	109,837	378	48	173
*IZ2JPN	"	108,080	348	43	150
*IV3JCC	"	108,030	336	52	143
*IZ2BKA	"	104,413	311	48	145
*IZØGYP	"	104,076	313	47	149
*IZ5ILU	"	103,680	400	43	149
*IZ6BTN	"	103,530	352	40	174
*IK2YSJ	"	102,500	431	37	168
*IZ3GFZ	"	93,951	308	50	169
*IZ2JCD	"	91,014	350	49	148
*IK5FKF	"	86,664	329	38	146
*IØFWD	"	83,640	379	42	128
			(OP: IZØFWD)		
*IK3UNA	"	83,536	323	40	144
*IZ3EAX	"	81,900	294	38	118
*IZ8FEW	"	71,825	239	57	164
*IW2MYH	"	66,960	287	44	142
*IZ2GTO	"	62,626	292	37	136
*IK2HLM	"	60,698	256	39	139
*IR8E	"	58,996	313	37	135
			(OP: IK8PLE)		
*IK7NXU	"	54,524	266	41	131
*IK6UBY	"	52,812	234	38	125
*IZ5HPQ	"	48,498	212	40	97
*IZ1GLX	"	45,360	284	36	104
*IZ2KPI	"	41,480	211	36	100
*IZ8IYN	"	38,760	214	33	119
*IK7SBU	"	38,080	179	29	83
*IZ5IJY	"	37,791	217	35	118
*IK2REA	"	35,464	225	33	91
*IK2VUC	"	35,245	191	35	98
*IZ1KGY	"	34,456	195	34	112
*IZØCEZ	"	31,600	201	24	76
*IZ5HSK	"	30,855	163	28	93
*IZ8FTW	"	30,624	194	31	85
*IZ6CLN	"	28,224	319	16	80
*IZ3MSK	"	25,252	187	26	92
*II1W	"	25,004	189	23	53
*IZ2EEV	"	24,426	178	28	90
*IKØESW	"	23,391	129	34	79
*IK2WFN	"	22,149	144	26	81
*IZ2FME	"	20,988	145	32	67
*IW7ECA	"	20,196	146	29	79
*IK7PTX	"	20,048	123	29	83
*IK8IFW	"	18,590	123	30	80
*IK3MLF	"	15,336	98	34	74
*IK2CFD	"	13,825	101	24	55
*IZØCGV	"	13,600	92	21	64
*IZ8DGR	"	13,083	128	25	64
*IZ2KRZ	"	13,066	82	29	65
*IZ4DIG	"	12,720	95	25	55
*IK2EBP	"	12,719	106	21	58
*IZ5BSA	"	12,183	123	23	70
*IZ3DVU	"	10,512	88	21	51
*IW2GRA	"	9,877	99	19	64
*IW4EQI	"	9,717	86	21	58
*IWØBLW	"	9,225	75	28	47
*IZ7FLP	"	8,036	86	25	57
*IZ5HQB	"	7,475	90	21	44
*IZ1DUG	"	6,820	86	13	42
*I2BZN	"	5,785	85	14	51
*IZ2GMT	"	4,806	60	15	39
*IK6VXO	"	4,290	46	19	36
*IW2NSE	"	4,288	58	19	48
*IK3XTY	"	4,118	67	14	44
*IK2YXP	"	3,900	33	19	33
*IZØGVR	"	3,770	66	19	46
*IZ8MBW	"	3,675	34	19	30
*IZ7KHR	"	3,445	34	22	31
*IZ1AOD	"	3,355	70	15	46
*IZ2GNQ	"	3,068	35	21	31
*IV3IDP	"	2,856	68	12	44
*IZ5DKR	"	2,331	24	17	20
*IK2SAE	"	2,223	39	14	25
*IZ2LTN	"	1,472	33	11	21
*IZ1DXS	"	1,404	29	14	22
*IK4XQT	"	1,368	46	10	28
*IZ2KXC	"	986	26	9	25
*IZ7EQX	"	91	10	4	9
*IK4WMH	"	72	4	3	3
*IK2SAV	"	100	8	4	7
***IWØHBY**	**28**	**87,344**	**700**	**21**	**85**
*IZ5IMD	"	6,579	77	15	36
*IK5YJK	"	703	36	4	15
***IW1QN**	**21**	**185,496**	**827**	**31**	**87**
*I2GPT	"	139,635	557	31	114
*IZ8IYX	"	73,278	412	26	92
*IZ8EPY	"	45,920	250	29	83
*IZ8DBJ	"	44,928	256	29	88
*IZ2LSC	"	16,212	87	21	63
*IK6ZKI	"	12	3	2	2
***IQ8OM**	**14**	**394,267**	**1626**	**34**	**139**
*IZ8JAI	"	68,676	422	25	93
*IKØTUM	"	51,467	290	23	84
*IK2YGZ	"	41,905	409	17	68
*IW5ECP	"	25,596	224	18	63
*IZ8DWL	"	16,002	217	11	52
*IZ5GSV	"	13,702	152	11	51
*IZ2JQP	"	11,214	119	15	48
*IZ1GQI	"	10,659	118	12	45
*IW2ENA	"	6,405	67	17	44
*IZ3GYS	"	6,069	78	14	37
*IZ8CLM	"	1,200	27	7	18
*IZ3JKI	"	672	32	5	16
***IZ3FJZ**	**7**	**183,680**	**1041**	**32**	**96**
*IZ5DKJ	"	77,480	438	27	103
*IW4EGX	"	3,690	88	6	35
*IZ6IMN	"	2,457	59	7	32
*IN3JRZ	"	858	46	3	19
***IR5B**	**3.7**	**31,428**	**436**	**13**	**68**
*IZ1GJH	"	1,026	36	5	22
***IO1T**	**1.8**	**85,262**	**955**	**14**	**75**
			(OP: IK1RQT)		

Kaliningrad

UA2CZ	**A**	**274,772**	**811**	**54**	**238**
RV2FW	"	92,742	284	55	191
***RK2FXG**	**21**	**7,300**	**112**	**9**	**41**
***UA2FT**	**1.8**	**28,917**	**448**	**8**	**55**

Latvia

YL6W	**A**	**981,585**	**1410**	**105**	**390**
			(OP: YL2GD)		
YL7A	"	71,806	277	37	124
			(OP: YL2GM)		
YL2BJ	**14**	**156,676**	**975**	**29**	**102**
YL2PP	**1.8**	**12,712**	**225**	**7**	**49**
***YL2CR**	**A**	**99,522**	**442**	**36**	**158**
***YL3AD**	**"**	**99,386**	**401**	**37**	**180**
*YL2PJ	"	94,864	376	34	162
*YL2TQ	"	78,561	376	35	168
*YL2IP	"	40,880	253	32	108
*YL2II	"	17,316	147	24	87
*YL2KF	"	1,330	26	12	23
***YL3BZ**	**21**	**11,966**	**129**	**13**	**49**
***YL5W**	**7**	**65,751**	**549**	**19**	**82**
			(OP: YL2GN)		

Lithuania

LY9Y	**A**	**1,971,327**	**2761**	**105**	**432**
			(OP: LY2CY)		
LY3X	"	179,465	630	49	202
LY3CY	"	160,489	587	37	190
LY1CX	"	107,334	500	40	138
LY3UV	"	59,006	342	30	133
LY2VA	"	25,600	131	30	98
LY2W	**21**	**55,575**	**463**	**24**	**71**
LY2FN	**3.7**	**53,746**	**646**	**13**	**64**
LY7M	"	3,956	73	9	37
LY2IJ	**1.8**	**136,612**	**1279**	**15**	**83**
LY2OU	"	45,962	658	9	58
***LY9A**	**A**	**1,499,496**	**2278**	**96**	**420**
			(OP: LY3BA)		
***LY4T**	**"**	**567,580**	**1221**	**65**	**305**
*LY2MM	"	355,005	821	63	282
*LY4Q	"	282,012	983	53	231
*LY2TS	"	179,676	564	53	199
*LY4DX	"	137,676	533	40	191
*LY2AE	"	111,252	433	41	178
*LY2OM	"	110,334	460	49	164
*LY2N	"	86,299	353	44	167
*LY4K	"	73,628	391	32	126
*LY2AT	"	45,600	267	32	128
*LY2OO	"	42,250	239	35	134
*LY1DJ	"	36,120	235	25	115
***LY4B**	**28**	**1,440**	**55**	**4**	**26**
***LY3QT**	**21**	**10,024**	**144**	**11**	**45**
***LY6A**	**14**	**247,260**	**1148**	**33**	**123**
			(OP: LY2BM)		
***LY3S**	**3.7**	**10,050**	**212**	**8**	**42**
*LY2O	"	5,750	119	7	39
*LY4CW	"	2,112	54	7	26
***LY1CM**	**1.8**	**4,512**	**116**	**6**	**42**

Luxembourg

***LX1KC**	**A**	**217,701**	**533**	**62**	**235**
*LX1HD	"	104,060	552	34	138
*LX/LY3Z	14	80	6	4	6

Macedonia

Z35G	**A**	**107,604**	**400**	**39**	**157**

Moldova

ER1Q	**3.7**	**169,176**	**1441**	**19**	**87**
***ER5DX**	**A**	**684,110**	**1386**	**75**	**331**
***ER1OO**	**28**	**7,260**	**154**	**7**	**37**

Monaco

3A2MG	**A**	**101,472**	**453**	**52**	**172**

Montenegro

4O3A	**A**	**5,825,955**	**5044**	**139**	**542**
***4O/DD5FZ**	**1.8**	**45,360**	**656**	**8**	**62**
			(OP: DD5FZ)		

Netherlands

PAØIJM	**A**	**1,232,605**	**2858**	**70**	**295**
PA3AAV	**"**	**763,140**	**1054**	**98**	**362**
PAØJNH	"	448,574	930	66	292
PA4A	"	294,060	824	61	229
PA1TX	"	247,604	643	49	190
PA3GCV	"	115,500	347	51	180
PA1T	"	95,304	254	53	156
PAØLOU	"	94,739	253	53	158
PAØABM	"	90,090	244	52	179
PF5X	"	50,925	200	35	70
PA9DD	"	26,592	137	32	64
PAØLSK	"	7,140	76	18	50
PA1W	"	2,255	43	13	28
PC5W	**21**	**166,992**	**620**	**28**	**119**
***PAØAGA**	**A**	**587,820**	**1397**	**62**	**241**
***PD1DX**	**"**	**458,736**	**1013**	**69**	**235**
*PG7V	"	410,589	923	58	275
*PA8KW	"	307,499	635	68	263
*PF9A	"	251,160	682	51	222
*PA1PT	"	114,016	474	44	180
*PAØCOR	"	106,169	382	45	158
*PA7RA	"	105,350	393	37	138
*PA3FMC	"	103,037	392	42	167
*PA2W	"	100,500	388	40	161
*PD2J	"	98,280	510	27	141
*PA2C	"	92,550	348	34	116
*PE1LTY	"	80,538	301	44	142
*PHØAS	"	48,169	182	34	117
*PG2D	"	46,599	251	30	117
*PE2JMR	"	46,240	247	31	129
*PAØB	"	46,150	303	23	119
*PAØDVM	"	42,900	160	40	103
*PE4BAS	"	41,454	198	40	107
*PA3ADJ	"	40,866	203	33	106
*PD5LO	"	36,663	288	23	98
*PD7BZ	"	31,130	166	26	84
*PA3EWG	"	30,702	199	27	102
*PG1R	"	30,464	203	29	107
*PA3AQU	"	29,120	206	25	115
*PA3DBS	"	26,559	230	23	94
*PDØHF	"	22,896	177	26	82
*PA3AM	"	21,186	161	28	79
*PAØCGB	"	17,010	177	16	65
*PA3GBI	"	14,691	109	24	59
*PA3HGF	"	12,699	108	22	61
*PA7PYR	"	9,715	100	20	47
*PAØFAW	"	8,112	97	16	62
*PA2CVD	"	7,668	100	16	55
*PA1PAT	"	7,300	97	18	55
*PAØRBO	"	6,966	107	20	61
*PA5KT	"	3,658	51	17	42
*PA4HF	"	2,739	34	15	18
*PA1GS	"	1,800	34	14	31
***PAØMIR**	**28**	**6,500**	**103**	**9**	**41**
*PAØRRS	"	5,124	110	6	36
***PE2HD**	**21**	**24,072**	**200**	**15**	**53**
***PA1WLB**	**14**	**10,258**	**188**	**10**	**36**
***PA4JJ**	**1.8**	**9,660**	**209**	**6**	**40**

Northern Ireland

MIØLLL	**A**	**4,656,816**	**4383**	**113**	**471**
GI4VIV	"	425,700	660	77	319
***MIØJZZ**	**A**	**453,260**	**1341**	**51**	**211**
***GIØKVQ**	**"**	**335,766**	**915**	**48**	**166**
*GI7AXB	"	303,776	988	38	138
*GI4SJQ	"	128,961	415	46	161
*GI4AAM	"	102,935	492	36	137
*MI3OZX	"	27,784	212	22	70
*GI4JTF	"	23,504	158	29	84
*GIØVTS	"	12,351	122	18	51

Norway

LA5HPA	**A**	**388,342**	**1250**	**52**	**229**
LA9TJA	"	47,922	274	28	135
LA2OKA	"	18,054	132	27	75
LA2AB	"	13,440	151	23	61
			(OP: LA8WF)		
LA2IJ	"	7,700	82	19	58
LA1YPA	"	5,104	96	22	66
LA6ZFA	"	3,528	60	13	36
LA7SI	"	2,744	51	15	34
LA9TY	"	1,089	27	12	21
LA5YJ	**21**	**50,490**	**354**	**19**	**80**
LN9Z	**3.7**	**195,676**	**1719**	**19**	**87**
			(OP: LA5KO)		
LA7QI	1.8	1,276	40	4	25
***LA3S**	**A**	**527,022**	**1291**	**58**	**284**
			(OP: LA3BO)		
*LA8OM	"	61,984	328	30	119
*LA2PR	"	60,352	333	37	147
*LA7TN	"	32,619	243	26	105
*LA9FFA	"	23,660	132	36	104
*LA2GN	"	23,575	219	22	93
*LA6CF	"	11,625	83	28	65
*LA2QJA	"	11,220	124	18	67
*LA9LM	"	4,028	75	22	54
***LA9Z**	**14**	**12,483**	**114**	**17**	**56**
			(OP: LA9HW)		
*LA9XH	"	7,992	144	8	46
*LA9KPA	"	4,446	107	11	46
*LA5PPA	"	1,800	45	9	31
*LA3RNA	"	70	15	4	10

Poland

SO6X	**A**	**2,530,145**	**2982**	**128**	**449**
			(OP: SP6IXF)		
SP1MVG	**"**	**482,963**	**916**	**75**	**308**
SP5WA	"	345,723	820	65	238
SP7HOV	"	163,285	273	84	205
SP5GMM	"	96,048	295	56	176
SN7F	"	53,851	266	35	122
			(OP: SP7LFT)		
SP3HZG	"	50,634	249	33	141
SP1O	"	41,405	141	47	122
SP4KAI	"	34,720	211	35	105
			(OP: SP4R)		
SN1A	"	23,532	226	34	114
			(OP: SP1EG)		
SN9R	"	23,387	144	28	63
			(OP: SP9BRP)		
SQ9NIS	"	9,694	117	18	56
SQ6R	**28**	**17,028**	**237**	**11**	**55**
SP9DLY	"	7,956	140	11	40
SP9W	**21**	**297,733**	**1081**	**34**	**139**
SO3AZC	"	215,272	920	32	110
SP5ADX	"	173,655	827	31	122
SQ7IL	"	4,326	46	13	29
SN8B	**14**	**213,160**	**916**	**32**	**114**
			(OP: SP8CUR)		
SP6GTN	"	25,544	136	27	97
SP4JTJ	"	18,128	158	20	68
SN8R	**7**	**285,868**	**1735**	**31**	**115**
			(OP: SP8ONZ)		
SP3LPG	"	135,330	852	25	105
SP9JZT	"	69,525	592	19	84
SP9BGL	**3.7**	**14,756**	**206**	**10**	**58**
SP8DHJ	"	357	20	4	17
SN3R	**1.8**	**152,800**	**1403**	**17**	**83**
			(OP: SP6HEQ)		
SO2R	**"**	**146,775**	**1439**	**15**	**80**
			(OP: SP2FAX)		
***SQ9HZM**	**A**	**707,802**	**1190**	**93**	**353**
***SP5VYI**	**"**	**643,671**	**1441**	**71**	**286**
***SP6KEP**	**"**	**582,380**	**1339**	**69**	**301**
*SP5EWX	"	433,575	819	79	290
*SP9NWN	"	383,630	841	70	268
*SP3HRN	"	372,998	1066	56	162
*SQ5WAA	"	355,810	946	62	260
*SP3MEP	"	252,221	730	57	254
*SP9OYB	"	204,692	466	55	237
*SP6JIU	"	163,296	415	62	226
*SP4DDS	"	153,450	493	47	178
*SP2GJI	"	151,875	489	48	177
*SP4AAZ	"	135,184	476	44	194
*SP5IVC	"	131,320	480	51	194
*SP1DMD	"	109,200	458	41	167
*SP2GWH	"	107,325	353	50	175
*SP9MAN	"	102,400	389	43	157
*SP3VSE	"	102,368	268	54	170
*SQ9DXT	"	101,703	447	35	168

*SP9DTE	"	98,490	412	37	173
*SP2ØVQ	"	82,944	349	39	177
*SP6LUV	"	81,536	247	51	157
*SP2EWQ	"	76,744	356	30	151
*SP3JHY	"	71,912	297	44	134
*SP8LNE	"	70,680	337	37	149
*SP5ELW	"	69,144	214	57	144
*SP6OPZ	"	65,076	388	28	146
*SP8ONB	"	64,728	312	34	140
*SQ9DIE	"	63,732	303	34	154
*SN4ØZOS	"	57,960	371	32	136
*SQ9FCH	"	57,600	362	30	130
*SP9CLU	"	55,939	237	38	131
*SP9FT	"	52,248	280	38	130
*SP9IBJ	"	50,880	299	30	130
*SP5ELM	"	49,714	322	22	112
*SP8HXN	"	48,675	233	40	125
*SN8J	"	46,292	219	45	118
*SP9BMH	"	40,565	242	25	108
*SP8BRE	"	36,288	166	29	79
*SP9LAS	"	34,050	194	33	117
*SP7TEX	"	33,891	218	32	111
*SP2GCE	"	33,540	229	27	103
*SP4ICD	"	30,988	226	24	98
*SP4Z	"	29,792	137	37	96
*SP3IOE	"	27,816	158	28	86
*SQ8LSC	"	25,160	98	46	90
*SP8NR	"	24,250	155	35	90
*SP2ILQ	"	23,324	190	27	92
*SP2DKI	"	20,648	137	26	90
*SN9N	"	19,166	199	19	55
					(OP: SQ9ZM)
*SQ8T	"	18,096	106	30	86
*SP9IKN	"	16,999	171	37	90
*SP1TMG	"	15,573	140	16	71
*SP3BVI	"	15,400	134	23	77
*SP6NVK	"	14,025	157	17	58
*SP7TES	"	13,858	77	25	57
*SQ1FYX	"	13,464	114	20	68
*SQ8AQD	"	12,927	57	37	56
*3Z8Z	"	11,234	91	26	56
					(OP: SP8AJC)
*SP1DTG	"	11,040	62	36	56
*SQ9IWS	"	9,453	137	12	57
*SP4AVG	"	8,968	100	19	57
*SP3DOF	"	8,904	107	20	64
*SP5CJQ	"	8,217	65	28	55
*SP3KPN	"	7,972	74	26	56
					(OP: SP3GXU)
*SP6BEN	"	7,425	56	24	51
*SP1YGL	"	5,850	40	27	38
					(OP: SP1RWA)
*SP5XVW	"	5,510	89	16	42
*SP9IHP	"	4,845	43	18	33
*SP5DDF	"	4,554	53	21	48
*SP8SW	"	4,092	53	18	44
*SN5K	"	3,213	44	20	43
					(OP: SQ5NF)
*SP6RGC	"	2,880	49	14	31
*SP7CXV	"	2,856	30	21	30
*SQ6LJA	"	1,804	58	7	37
*SP6FIB	"	1,280	29	13	19
*SQ3HTX	"	1,170	49	4	22
*SP2HFH	"	75	11	5	10
***SP3LWP**	28	54,720	471	20	75
***SQ9CNN**	"	26,832	243	15	71
*SP5LCC	"	23,332	230	15	61
*SQ9IAU	"	6,688	133	7	37
*SP6EF	"	6,344	88	12	40
*SP4DC	"	2,448	69	6	30
*SP6EIY	"	990	45	9	21
*SP8LZC	"	882	26	7	14
***SO9L**	21	189,696	796	33	123
					(OP: SP9UML)
*SQ4HRN	"	75,636	346	28	104
*SP2EXN	"	69,875	310	27	98
*SN9U	"	39,260	127	29	101
					(OP: SP9UMJ)
*SP3LAU	"	22,327	138	22	61
*SP9MRK	"	15,876	141	18	63
*SP2AVE	"	12,456	94	15	57
***SP9IEK**	14	73,931	441	24	97
***SP9EML**	"	69,122	459	26	81
*SP9DNO	"	50,611	310	21	86
*SQ3WW	"	40,827	349	18	75
*SP2AYC	"	36,800	308	18	74
*SP4FKS	"	33,475	242	25	78
*SP4LVK	"	29,842	261	17	69
*SPØPZK	"	22,240	188	14	66
					(OP: SP2UKB)
*SP2KPD	"	16,932	186	20	48
*SQ8JLU	"	15,444	171	15	51
*SP5DRE	"	11,426	161	9	49
*SP8OOB	"	9,918	144	10	48
*SNØLOS	"	2,052	28	9	27
*SP6FPY	"	108	6	6	6
***SO6V**	7	142,440	1089	23	97
					(OP: SP6DVP)
***SN3X**	"	112,454	865	23	95
					(OP: SP3SLA)
*SP5NN	"	1,269	47	5	22
***SN9P**	3.7	35,392	407	12	67
					(OP: SQ9GAI)
***SQ9CWO**	"	33,932	489	10	58
*SP4SHD	"	27,510	360	9	61
*SP3CYY	"	19,359	218	14	67
*SP2PUT	"	15,732	251	8	49
*SP8KEA	"	14,136	239	8	49
					(OP: SP8LZC)
*SQ9HQ	"	13,516	210	8	54
*SP8QJM	"	11,656	298	7	40
*SP1RFC	"	7,849	173	7	40
*SQ8IFG	"	7,470	171	7	38
*SP3WYE	"	4,860	110	8	37
*SQ6FHP	"	1,161	56	4	23
*SP2QOY	"	1,116	39	6	25
*SP7FBQ	"	546	22	5	16
*SQ2EAH	"	240	19	3	12
***SP4XQN**	1.8	43,026	598	9	62
*SP5CJY	"	12,644	206	8	50
*SP4TVO	"	1,458	54	4	23

Portugal

CT1JLZ	14	1,145,700	3496	37	134
					(OP: OK1RF)
CT1BNW	"	40,194	215	20	79
***CT6A**	A	2,291,170	2331	97	364
					(OP: CT1CJJ)
*CT2HWP	"	187,922	554	50	167
*CT1ENQ	"	182,766	537	52	197
*CT1FAC	"	143,073	463	45	144
*CT1ETX	"	40,768	302	21	70
*CT1FHL	"	2,415	46	11	24
*CT2FQA	"	1,400	57	16	40
*CT1DKS	"	96	4	4	4
***CT4HA**	21	94,607	518	21	68
*CT1CQK	"	33,672	160	26	66
***CT1HZU**	14	29,197	297	19	78
***CT1DHM**	7	61,160	430	18	92
*CT2GSN	"	20,216	174	13	63

Romania

YR1C	A	1,422,672	2445	94	334
					(OP: YO4NA)
YO8RIJ	"	202,096	674	65	207
YO7ARY	"	193,280	650	51	205
YO3AK	"	45,962	291	30	104
					(OP: N1MM)
YO2LFP	"	28,320	227	29	91
YO4GNJ	"	16,986	149	25	89
YO8OH	"	6,138	58	18	46
YO7LTQ	"	5,808	105	25	63
YO6ADW	"	1,258	35	10	27
YO4RDN	21	289,224	1209	34	122
YO5OEF	1.8	40,880	587	11	62
***YO3FRI**	A	1,091,222	1575	96	418
***YO3CZW**	"	816,928	1712	70	322
*YO7LFV	"	374,178	976	62	240
*YO2MAX	"	199,692	633	57	201
*YO5PBF	"	191,416	484	66	218
*YO7NW	"	149,784	458	52	185
*YO5OHY	"	134,090	503	46	184
*YO6BHN	"	121,983	288	64	155
*YO5FMT	"	99,684	434	41	172
*YO3DLK	"	89,680	379	42	148
*YO8FZ	"	82,824	329	40	128
*YO6AJI	"	67,860	331	34	140
*YO3CVG	"	50,478	221	41	138
*YO6MT	"	45,149	273	30	121
*YO9BFM	"	40,344	201	37	127
*YO9IKW	"	33,517	111	42	79
*YO6HSU	"	29,264	255	22	96
*YO6QT	"	28,375	205	31	94
*YO2QY	"	27,840	130	38	107
*YO8GF	"	27,135	143	28	107
*YO3BL	"	25,025	238	21	70
*YO2LXW	"	23,736	176	30	99
*YO9KIB	"	16,132	126	30	79
*YO8THG	"	12,360	155	19	84
*YO6HVQ	"	11,771	135	17	62
*YO9AFH	"	10,148	111	25	61
*YO5PEZ	"	8,424	131	17	64
*YO7LYM	"	5,628	100	25	59
*YO5OET	"	5,022	101	13	41
*YO8RZE	"	4,875	93	20	55
*YO2CJX	"	4,335	73	13	38
*YO5OYR	"	1,175	43	13	34
*YO2GL	"	682	19	13	18
***YO2IS**	28	9,894	178	8	43
*YO2LEE	"	4,312	60	13	36
*YO9HJY	"	405	17	5	10
***YO5BRZ**	21	81,606	453	31	103
*YO9BXC	"	31,114	199	24	70
*YO5OED	"	27,810	235	21	69
*YO3AIL	"	18,758	132	22	61
***YO9CWY**	14	36,456	311	15	69
*YO7BGB	"	8,700	162	11	49
*YO9AGI	"	5,460	168	10	50
*YO4AYE	"	4,361	88	7	42
*YO4CSL	"	2,310	50	10	25
*YO2BPZ	"	884	29	6	20
*YO9HI	"	440	17	6	16
***YO7MGG**	7	4,488	214	13	53
***YO5KDX**	3.7	70,798	730	16	75
					(OP: YO5BAT)
*YO9KPB	"	2,886	81	7	30

Sardinia

IMØ/IKØFMB	A	835,360	2320	53	177
					(OP: IKØFMB)
ISØT	14	597,744	2565	31	113
					(OP: IN3ZNR)
***ISØ/K7QB**	A	1,443,520	2038	86	330
*ISØGRB	"	181,975	571	48	203
*ISØLLJ	"	123,848	422	45	181
*ISØMYN	"	26,724	175	31	100
*ISØCLA	"	2,250	37	16	29

Scotland

GM7V	A	3,605,652	4175	109	455
GMØFGI	"	101,374	444	34	148
GM3MZX	"	47,652	219	31	101
GMØEGI	21	54,324	240	21	87
***GM4JYB**	A	240,355	666	47	218
*GMØNBM	"	24,750	232	20	90
***GM7TUD**	21	85,500	349	24	101
***GMØIIO**	14	93,524	780	20	83
*MMØGOR	"	11,661	83	16	53

Serbia

YT2AA	A	182,520	486	60	210
YT1XN	28	18,906	196	14	55
YTØZ	21	811,944	2443	38	141
					(OP: YU1ZZ)
YT3M	"	617,091	2059	35	138
					(OP: YU1OJ)
YT7Z	"	442,828	1700	30	119
					(OP: YU7SK)
YT9A	14	989,800	3134	40	156
YT1BB	"	873,318	3159	38	139
YU1TT	"	242,400	1258	31	119
YT8A	7	575,688	2449	34	132
					(OP: YU1EA)
YT3A	3.7	249,472	1645	25	103
					(OP: YU7AV)
***YU3A**	A	889,720	1502	85	387
					(OP: YT7TY)
***YT5S**	"	806,949	1830	72	291
					(OP: YU1DO)
*YU1CC	"	103,739	363	48	179
*YU7KM	"	70,308	295	41	145
*YU7WI	"	56,420	325	34	106
*YT1TA	"	2,914	72	10	37
*YU1IZ	"	736	22	8	15
***YT7N**	28	8,056	91	15	38
					(OP: YU7QL)
***4N7N**	21	400,225	1372	35	140
					(OP: YU7WW)
***YU7ZZ**	14	318,990	1572	34	121
***YT1VP**	"	220,252	984	33	125
*YU1EL	"	65,780	417	23	92
*YT1B	"	47,564	440	17	75
					(OP: YU1ADO)
*YU5GM	"	19,053	230	17	56
*YT2SMS	"	9,858	135	13	49
***YUØU**	3.7	81,810	894	14	76
***YU7W**	"	68,338	637	15	79
					(OP: YT2CQ)
*YT8T	"	67,284	762	13	71
*YT9DX	"	56,610	761	11	63
***YZ8A**	1.8	25,862	399	9	58
					(OP: YT1AA)

Shetland Islands

MMØXAU	21	14,880	205	10	52
MM5PSL	14	6,844	120	12	47
MZ8A	7	2,925	67	7	32
					(OP: MMØXAU)
MSØZCG	1.8	2,320	73	4	25
					(OP: MMØXAU)

Sicily

IT9XTP	A	2,706	60	8	25
IT9YVO	28	26,432	448	12	47
IT9ESW	14	170,112	912	30	98
***IU9A**	A	706,208	2277	51	181
					(OP: IT9SSI)
*IT9JOF	"	226,860	596	53	146
*IT9AJP	"	194,023	567	54	197
*IT9PQJ	"	187,902	597	54	180
*IT9ZVJ	"	79,560	305	41	115
*IT9YAO	"	52,773	283	36	111
*IT9IMJ	"	23,556	261	17	61
***IT9STX**	14	42,964	382	18	74

Slovakia

OM3IAG	A	376,200	987	66	234
OM7CA	"	173,019	436	54	177
OM1VA	"	88,264	373	40	147
OM3DX	28	72	9	3	5
***OM5CD**	A	1,671,056	2138	107	461
*OM4DN	"	222,498	707	46	217
*OM7AG	"	104,647	474	43	184
*OM6AL	"	83,224	447	38	164
*OMØATP	"	46,176	274	25	123
*OM5UM	"	45,738	298	28	126
*OM4TW	"	45,036	247	36	126
*OM7LM	"	28,379	494	9	50
*OM4DA	"	23,760	210	20	88
*OM1TD	"	9,315	98	22	59
*OM4W	"	3,876	48	19	38
					(OP: OM4KW)
***OM5FA**	28	25,063	326	10	61
***OM5XX**	21	247,500	938	31	119
*OM5NL	"	100,282	423	27	106
***OM3PQ**	14	15,616	178	13	48
*OM2AW	"	10,106	191	10	52
*OM7YC	7	640	30	4	16
***OM6MW**	3.7	34,706	507	12	62
***OM7AB**	"	32,776	514	9	59
*OM6TX	"	15,288	261	7	49

Slovenia

S5ØA	A	5,129,305	4324	141	514
S53QD	"	313,490	639	64	226
S51SL	"	197,340	524	57	219
S59AA	"	133,770	326	68	177
S57YX	"	79,926	384	30	143
S58D	28	171,360	1205	24	102
S57S	"	97,328	735	21	91
S53MM	21	627,669	1769	37	152
S57AL	14	1,156,869	3276	37	152
S5ØK	"	1,135,134	3187	39	150
S56M	"	274,164	1186	31	101
S58L	"	96,800	572	25	96
S53F	7	847,134	3134	34	137
S57O	3.7	115,290	1214	15	75
S57M	1.8	98,296	1063	14	74
***S51F**	A	1,158,968	1438	100	423
***S59N**	"	922,108	1992	87	331
*S51A	"	786,600	1378	83	354
					(OP: S55O)
*S57U	"	641,908	1021	87	332
*S51DX	"	128,894	492	43	180
*S58MU	"	125,325	542	39	186
*S53DX	"	6,831	121	18	51
***S57RTH**	14	162,910	1081	22	88
***S56Y**	3.7	58,598	715	11	72
*S59T	"	140	10	4	10

Spain

EA4KR	A	4,481,695	3991	117	418
EA4KD	"	3,359,840	3596	108	398
EA5DFV	"	1,774,812	2743	78	294
EA3ATM	"	1,714,586	2055	109	369
EE3E	"	914,876	1456	91	348
					(OP: EA3ELZ)
AO3R	"	626,031	999	89	310
					(OP: EA3OR)
AO5FCN	"	386,450	924	60	202
					(OP: DJ6OV)
EA3DUM	"	351,780	982	51	154
EC1AIJ	"	345,960	451	74	298
EA4DXP	"	198,940	454	56	189
EA3EIQ	"	165,186	657	53	154
EA1OT	"	123,105	455	36	109
AO4EEK	"	109,536	402	39	129
					(OP: EA4EEK)
EC4ACS	"	85,850	319	39	131
EA4TX	"	40,643	243	34	63
EC4ACP	"	35,836	125	44	80
EA3CCN	"	32,913	192	39	120
EA7HY	"	25,935	127	34	61
EC5ANF	"	3,969	41	23	40
EA4EER	21	225,720	871	33	119
EA7ATX	"	183,608	744	28	90
EA7HF	"	137,310	598	24	91
AN5HRX	"	3,920	140	5	30
					(OP: EB5HRX)
EA1IR	14	227,703	1162	32	115
AM7M	"	135,198	729	28	98
					(OP: EC7ANC)
EC7DX	"	95,546	693	25	76
EA1EJ	"	32,886	313	17	64
AO7TV	7	41,013	251	18	75
					(OP: EA7TV)
EB7DIZ	"	7,182	103	12	51
EA5JK	"	5,341	124	8	41
EA5EH	3.7	51,200	505	13	67
EC1CT	"	28,952	329	12	65
***EF1W**	A	692,244	1545	64	204
					(OP: EA1WS)
***EA3FUM**	"	649,584	1491	70	277
***EA4DAT**	"	625,421	1439	71	240
*EA1ET	"	567,148	990	65	219
*EA3EJI	"	531,377	651	110	359
*EA3AKA	"	429,680	910	66	262
*ED7R	"	387,300	680	71	229
*AN1A	"	262,208	698	56	216
					(OP: EA1AST)
*EA1JO	"	235,304	556	55	213
*EA1BLI	"	192,990	620	50	160
*EC2AWD	"	180,882	545	46	188
*EA1BP	"	175,760	542	47	161
*EA3NA	"	172,634	491	48	161
*EA7AA	"	139,712	387	60	176
*EA4EUI	"	133,509	397	55	178
*EC2AFI	"	124,160	946	31	129
*EA1YR	"	110,229	385	42	139
*EA3NP	"	109,026	566	38	124
*EB5ARP	"	91,332	371	38	139
*AO1A	"	90,246	369	40	129
					(OP: EA1AHO)
*EA3GEO	"	86,548	388	36	118
*AM3A	"	81,503	436	30	119
					(OP: EA3FHP)
*EB5ALB	"	72,864	341	48	128
*EC7DNX	"	70,356	353	39	125
*EA3EYO	"	67,408	320	36	140
*AO7C	"	67,192	271	45	103
					(OP: EA7CWA)
*EA3CZ	"	66,836	275	36	118
*EC7ANB	"	62,061	260	37	114
*EA2CE	"	51,118	250	30	92
*EA7FUN	"	50,220	186	38	97
*EA1NE	"	50,112	250	33	75
*EB1EVX	"	47,880	247	32	101
*EA3AQL	"	45,000	195	40	110
*EA3ALV	"	42,639	161	37	146
*EA4MA	"	41,140	122	48	122
*EA5QB	"	37,994	220	31	90
*EA3CEC	"	32,357	124	47	84
*EA7EYQ	"	32,128	160	32	96
*EA5FWW	"	30,996	131	34	74
*EA3APS	"	30,360	148	34	86
*EA3GNR	"	30,125	183	30	95
*EB3CML	"	26,208	188	23	89
*EA3WX	"	23,426	125	30	76
*EA2AVM	"	23,180	139	28	67
*EA1EVR	"	20,370	188	25	80
*EA1AQN	"	20,295	178	29	94
*EA7HB	"	18,128	106	32	71
*EA7EUF	"	17,672	100	31	63
*EA7MT	"	17,372	81	39	62
*AN5CNK	"	15,857	131	26	75
					(OP: EB5CNK)
*EA1GHI	"	15,500	120	25	75
*EA1VM	"	15,364	117	23	69
*EA1AJV	"	14,104	103	28	54
*EA1AHA	"	13,193	99	25	54
*EB1EWE	"	11,613	99	21	58
*EA1DKV	"	11,130	88	28	42
*AN5AN	"	11,096	82	24	52
					(OP: EA5AN)
*EA4WD	"	10,150	119	20	50
*EA2DVT	"	9,088	82	19	45
*EA1AUS	"	8,970	49	32	46
*EC7AT	"	7,505	57	27	52
*EA4ELJ	"	7,448	90	20	56
*EA2CHL	"	5,684	84	12	46
*EA4EUN	"	5,589	85	22	47
*EA2AOO	"	4,412	68	24	70
*EA3GLB	"	4,096	58	20	44
*EA2BNU	"	2,538	30	19	28
*EC1AGO	"	1,980	43	12	18
*EA3CS	"	1,771	28	10	13
*EA1FCH	"	1,260	32	10	25
*EA3FLS	"	1,147	35	7	24
*EA5RU	"	962	21	16	21
*EA3GOD	"	532	10	9	10
*EA7FIQ	"	210	8	6	8
*EC5AHR	"	210	10	5	5
***AO1B**	28	38,216	511	15	53
*EA5DUA	"	3,984	78	11	37
*EA4SG	"	1,914	45	6	16
*EB1GUE	"	696	35	7	17
***EH7R**	21	239,444	895	26	98
					(OP: EA7FTR)
*EB3EPR	"	123,240	598	27	93
					(OP: EC3CJN)
*EA3EYD	"	109,864	446	25	99
*EA1JJ	"	102,802	544	23	75
*EA5EOR	"	82,485	374	25	92
*AO7ANM	"	47,840	397	18	62
					(OP: EA7ANM)
*EA7FRX	"	30,880	178	21	59
*EB4FJV	"	8,500	132	16	52
*EC7DDZ	"	6,615	68	15	34
*EC7DZL	"	4,998	67	16	35
***EA7TN**	14	357,700	1430	30	116
***AO3K**	"	290,619	1348	32	115
					(OP: EA3GHZ)
*EE1E	"	193,700	856	25	105
*EA3AGB	"	125,156	602	31	103
*EA1CCM	"	115,778	555	25	97
*EA4UV	"	61,410	355	25	90
*AO7KJ	"	60,625	574	20	77
					(OP: EA7KJ)
*EA3KN	"	52,884	284	24	89
*EA1BIM	"	51,914	371	21	80
*EA2IF	"	14,994	128	14	49
*EA5ET	"	12,508	128	11	48
*EA3DVJ	"	12,137	135	12	41
*EA1ASG	"	12,027	106	14	43
*EA4EQK	"	6,960	95	11	37
*EA5TN	"	3,760	80	6	34
*EA5XC	"	3,740	60	8	26
*AO5XQ	"	256	14	5	11
					(OP: EA5XQ)
***EA5TS**	7	45,472	339	21	77
***EA5AER**	"	41,769	348	16	75
*EA3KT	"	27,224	321	15	68
*EA4ETR	"	1,332	32	10	27
*EB1HRW	"	588	24	4	17
*EA4AFP	"	483	17	8	15
***EA7NW**	3.7	15,092	126	15	62
*EA5FST	"	1,914	44	7	26
*EC5AQF	"	196	12	4	10

Sweden

SM5Q	A	815,628	1269	79	358
SM6FJY	"	242,326	691	45	221
SI3A	"	113,200	455	44	156
					(OP: SM3LIV)
SM5QU	"	72,540	309	39	156
SM6BGG	"	63,085	272	35	120
7S5S	"	60,904	285	37	147
					(OP: SM5CSS)
SD3A	"	50,050	232	41	134
					(OP: SM3FJF)
SM7E	"	17,667	146	24	93
					(OP: SM7BHM)
SMØCVI	"	17,460	113	27	70
SB6A	"	4,800	90	14	34
SM5CEU	21	44,440	254	21	80
SMØKV	"	10,541	164	20	63
SJ2A	14	150,150	1032	27	83
					(OP: SM3WMV)
7S5C	"	14,016	148	19	54
					(OP: SM5CBM)
7S6R	"	210	16	3	11
					(OP: SM6REA)
***SJ4F**	A	152,848	524	40	193
					(OP: SM4DHF)
*8SØC	"	107,219	238	55	234
					(OP: SM0MPV)
*SM6XKB	"	66,220	382	35	137
*SM7BJW	"	31,800	207	30	90
*SE6C	"	31,088	223	23	93
					(OP: SM6CDN)
*SMØFM	"	28,321	129	31	96
*SAØAQT	"	26,751	198	24	87
*SMØBDS	"	17,202	123	25	69
*SM6WZH	"	14,168	139	21	67
*SF3E	"	12,210	128	20	54
					(OP: SM3EAE)
*SM6AHU	"	12,110	129	14	56
*SA3ADT	"	9,900	127	24	76
*SA7AUW	"	8,798	141	16	67
*SI7T	"	8,374	78	18	61
					(OP: SM7LZQ)
*SM4FYX	"	6,900	94	17	58
*7S7V	"	5,568	67	16	48
					(OP: SM7VZX)
*SMØEPO	"	1,134	40	7	20
*SM5OSZ	"	696	30	7	17
***SM5DQE**	14	18,975	242	13	56
*SM7HSP	"	264	21	8	16
*SM6X	3.7	648	26	6	21
					(OP: SM6CLU)

Switzerland

HB9OCR	A	551,502	1071	83	295
HB9TRT	"	57,594	169	49	125
HB9FBS	3.7	65,970	701	14	76
***HB9BTI**	A	226,287	612	54	207
***HB9AWS**	"	210,396	699	47	220
*HB9DHG	"	151,800	525	52	168
*HB9TSU	"	26,656	160	30	82
*HB9TSA	"	25,792	159	29	75
*HB9AYZ	"	1,120	22	9	19

Ukraine

UT5UGR	A	2,806,695	3196	128	515
US5D	"	2,132,268	2895	111	437
					(OP: UT7DX)
UT7U	"	782,690	1390	85	325
					(OP: UT7UV)
UT6IS	"	541,260	1258	74	298
UW1M	"	496,664	1098	93	269
					(OP: UR5MW)
UR5AS	"	424,926	849	74	313
UU2JQ	"	243,600	441	81	255
UT1DX	"	172,120	584	50	210
UY5HF	"	164,035	515	63	202
UT5ECZ	"	146,160	431	56	196
UR4EI	"	119,144	454	41	171
UT1CC	"	107,778	258	68	185
UR5ZPV	"	76,368	425	35	137
UR3IQO	"	69,741	217	48	141
UX2MF	"	62,010	235	52	143
UT2M	"	52,164	167	53	136
UR5HAC	"	50,160	219	46	106
UR5ZSJ	"	36,210	181	39	103
USØQG	"	21,836	155	22	84
UT1IG	"	9,072	65	31	53
UT5ERV	"	6,318	80	16	62
UR3HC	"	2,597	27	23	26
UT7QL	28	23,793	234	14	63
UT1IA	"	8,112	227	6	33
US2IOO	21	227,180	1083	31	117
UX2IO	14	652,000	2948	40	160
UR5ZMK	"	25,900	253	13	61
UW5U	3.7	111,564	964	18	90
					(OP: UY2UA)
UT5I	"	88,635	801	17	78
					(OP: UT2II)
UV5U	"	63,840	604	16	80
					(OP: UX1UA)
UT8IM	"	52,275	597	15	70
UR8QM	"	7,600	159	8	42
UW2ZM	1.8	7,809	111	10	47
***UR5FEL**	A	1,001,728	1291	114	488
***UW8SM**	"	943,464	1623	96	360
*UR4U	"	729,588	1070	96	393
					(OP: UR4UDI)
*UR7GO	"	355,854	667	88	293
*UR5ETN	"	297,700	703	60	265
*UY7C	"	215,424	555	58	214
					(OP: UR3CMA)
*UZ3RR	"	191,970	545	61	209
*UT3UZ	"	186,448	500	56	215
*UW7M	"	182,093	618	46	165
					(OP: UR3MP)
*UX1RX	"	176,712	715	39	183
*US7LM	"	167,280	481	52	194
*UT5UQN	"	166,848	523	54	210
*UR5ZTH	"	126,408	447	41	188
*UT8EL	"	107,709	410	44	179
*URØQX	"	103,914	390	42	165
*UU2JA	"	96,462	324	45	188
*UT2FA	"	81,060	190	61	149
*UT2LU	"	76,400	361	39	161
*UR5XMM	"	75,388	317	41	147
*UX5EF	"	72,762	383	40	161
*UT5UN	"	55,491	300	30	129
*UR5WHT	"	49,612	268	33	124
*UT5UKY	"	42,861	206	38	119
*UT1ML	"	38,000	230	26	99
*UU7JM	"	28,670	151	34	88
*UR7GX	"	28,224	147	29	97
*UR5EDX	"	27,993	169	25	104
*UR3AC	"	14,659	150	30	77
*UR5TGK	"	13,622	115	27	71
*UT7UW	"	12,513	76	35	62
*USØMM	"	11,088	92	19	69

*UY5QZ	"	7,276	61	18	50
*US5ZF	"	5,184	84	18	46
*US8MX	"	2,992	52	13	31
*UV5EEO	"	1,748	37	9	29
*US3QQ	"	104	9	6	7
*UT3FM	28	23,040	212	16	64
*UW1I	"	12,141	213	8	49
					(OP: US6IMA)
*US2WU	"	10,304	127	12	52
*UX7UN	"	5,904	108	9	39
*UR7IHD	"	154	6	5	6
*UX7LQ	"	64	13	6	10
*UXØFF	21	442,336	1558	38	146
*UX3IO	"	1,890	24	12	15
*UR5ZLK	"	24	2	2	2
*UT4EK	14	117,180	754	28	96
*UR8QR	"	55,581	408	19	78
*UY5TE	"	20,502	248	10	57
*UR5EIH	"	15,456	161	18	74
*UR5AW	"	11,460	153	11	49
*UR4MKI	"	5,992	69	16	40
*UY3AW	"	2,911	42	11	30
*USØHZ	7	48,306	397	17	80
*UZ7U	3.7	48,298	557	12	70
					(OP: UT3UA)
*UT5UUV	"	9,550	202	6	44
*UR5IKN	"	5,720	87	8	47
*UT5DJ	"	2,550	88	4	30
*US7IA	1.8	6,808	128	7	39
*US6IKV	"	4,988	96	8	35
*US5ZCW	"	3,276	93	6	30
*UT5ZB	"	2,905	107	6	29

Vatican City

HV5ØVR	A	976,864	2856	54	170
					(OP: AI6V)
*HV5PUL	A	294	17	8	13
					(OP: IWØDJB)

Wales

GW4BLE	A	3,989,718	3802	104	425
GW3JXN	"	297,275	711	64	211
GW3NAS	3.7	114,608	803	18	86
*MW1MDH	A	72,352	395	24	128
*GW8NBI	"	30,744	200	25	97
*GW4EVX	"	30,208	180	30	98
*GW3NJW	"	10,179	99	21	66
*GW3YVC	"	1,147	36	8	23
*GWØDCK	1.8	9,476	215	6	40
					(OP: GØDCK)

OCEANIA

Australia

VK4CZ	A	1,291,560	1682	94	188
VK4EMM	"	841,340	1325	79	151
VK6DXI	"	666,532	959	92	189
VK3TZ	"	603,464	965	83	158
VK2FHN	"	65,340	263	44	55
VK3YXC	"	45,448	228	44	60
VK3AVV	"	43,450	161	43	67
VK1MJ	"	24,985	100	35	60
VK2BCQ	"	24,832	125	41	56
VK3TDX	"	2,992	42	21	23
					(OP: NF6V)
VK2UZ	28	1,600	80	4	4
VK4AN	7	39,767	178	27	64
*VK7WPX	A	34,782	148	42	60
*VK5MAV	"	12,110	77	29	41
*VK2XF	"	8,400	64	25	35
*VK4FJ	"	5,371	50	21	20
*VK6CR	"	5,088	50	21	27
*VK6LXU	"	3,560	43	16	24
*VK2HBG	"	2,914	52	21	26
*VK7BEN	"	48	6	6	6
*VK3ZGP	"	6	1	1	1
*VK4EJ	21	82,646	502	22	40
*VK1KLW	14	3,640	44	16	19

Brunei

*V8AQM	14	11,128	107	19	33

Chatham Islands

*ZL7/DL2AH	A	28,574	140	34	57
					(OP: DL2AH)

East Malaysia

9M6NA	A	16,335	108	23	32
					(OP: JE1JKL)
9M8YY	21	661,125	1782	34	95
					(OP: JR3WXA)
*9M6LSC	A	983,598	1535	73	158
					(OP: JF1SQC)
*9M6YBG	"	30,415	154	32	47

Guam

KG6DX	A	1,252,680	1643	114	178
WH2X	"	667,080	1477	76	94
*WH2D	A	154,548	689	32	49
					(OP: K3UOC)

Hawaii

KH6LC	A	4,629,009	5131	119	200
					(OP: N6GQ)
KH6YR	"	2,923,776	3555	114	174
					(OP: K1YR)
KH6FI	"	964,131	1579	84	133
KH7Y	21	470,850	2289	25	50
KH6GMP	"	113,100	623	24	41
KH7B	3.7	304,440	1261	31	55
					(OP: K4XS)
*KH7T	A	197,752	497	63	89
*KH6/NØCO	"	14,973	116	32	37
					(OP: NØCO)
*NH7PE	28	330	12	5	6
*AH6KW	21	702	29	7	11

Indonesia

YB4IR	A	438,984	797	65	169
YB1TJ	"	110,760	279	55	101
YBØMJY	"	7,420	59	28	42
YC2DDL	"	1,025	38	16	25
YB2OBL	14	50,160	250	20	56
YBØBCU	"	15,975	129	22	49
YB1KAR	7	59,250	313	24	55
*YB2DX	A	741,888	969	100	222
*YBØNFL	"	219,551	375	78	163
*YBØKYM	"	99,599	275	51	86
*YC6JRT	"	82,800	280	44	94
*YB1UUN	"	65,720	197	45	79
*YB3IZK	"	30,772	152	33	65
*YBØIR	"	24,166	100	27	59
*YB9BZ	"	9,996	78	25	26
*YC1UGK	"	4,400	47	22	28
*YBØCOU	"	1,696	19	14	18
*YC6JHZ	"	391	17	9	14
*YE1AA	21	404,586	1131	31	95
*YB3KM	"	320,348	952	29	90
*YC1KAF	"	215,451	695	31	80
*YC2UTX	"	15,730	107	20	45
*YC1URC	"	4,428	60	15	26
*YB2ECG	14	54,075	292	22	53
*YB2VTO	7	4,472	45	18	25

New Zealand

ZL1ALZ	A	25,360	135	33	47
ZL2RVW	14	11,285	83	25	36
ZL1KMN	7	26,136	129	27	61
*ZL4JB	A	28,035	132	34	55
*ZL2MM	"	25,098	115	41	53
*ZL2AWH	28	1,449	56	5	4

Philippines

DU9RG	A	2,005,150	2129	106	244
DU1IVT	"	566,370	1099	65	121
DU1BP	"	429,248	1013	52	100
DV1VEQ	"	1,218	38	7	14
*DV1JM	A	254,904	630	52	104
*DV3DIN	"	5,472	64	22	35
*DV1EG	21	136,188	637	25	53

South Cook Islands

*E51NOU	A	34,692	179	38	46
					(OP: N7OU)

Tonga

*A35RK	21	340,466	1468	27	56

SOUTH AMERICA

Argentina

LT1F	A	5,112,963	3821	120	357
					(OP: LU1FAM)
LU4DX	"	5,085,312	4039	110	346
LU3CT	"	546,260	1038	61	159
LU7HN	"	377,330	781	65	129
LT5Y	"	360,932	904	54	89
					(OP: LU1YU)
LU7MCJ	"	20,358	127	33	45
LU1HF	28	675,610	1920	25	105
LR4E	"	429,142	1680	19	79
					(OP: LW4EU)
LU4DXU	"	258,980	1084	20	72
LQØD	7	13,176	115	27	45
					(OP: LU3DR)
LU8VCC	"	6,625	72	22	31
LU1VM	3.7	27,420	209	24	36
*LU1HLH	A	1,704,173	1847	101	258
*LU7HW	"	344,280	746	63	127
*LW9ETQ	"	183,436	592	43	78
*LU2EE	"	175,007	428	57	104
					(OP: LW5EE)
*LU6FEH	"	121,716	357	53	108
*LU5CAB	"	112,428	350	50	112
*LU5EVK	"	63,448	252	39	64
*LV6D	"	50,220	214	51	104
*LU6KA	"	40,656	243	46	75
*LU1FDU	"	37,356	156	48	84
*LU1ARV	"	33,524	152	45	71
*LU7FTS	"	29,889	215	36	45
*LR1A	"	8,400	88	28	47
					(OP: LU1AS)
*LU7DUE	"	616	14	11	11
*LU8EOT	28	212,990	839	22	73
*LU6FOV	"	110,482	581	22	52
*LW1HR	"	79,572	526	18	39
*LU6DU	"	63,653	424	16	37
*LO7D	"	17,766	184	14	28
					(OP: LW1DRH)
*LU4WG	21	74,536	328	18	70
*LU4HKL	"	10,192	88	18	34

Aruba

P4ØW	A	8,447,550	5471	131	435
					(OP: W2GD)
P4ØPA	"	6,535,684	5268	103	343
					(OP: W4PA)
P43A	21	1,086,075	2872	29	106
*P4ØA	A	7,551,060	5264	120	390
					(OP: KK9A)

Brazil

ZX2B	A	5,402,175	3963	112	363
					(OP: PY2MNL)
PY2NY	"	3,898,368	3293	111	312
PP1CZ	"	1,139,018	1605	76	198
PY2GA	"	206,276	568	51	88
PY2KP	"	97,200	340	55	80
PT7VB	"	85,007	255	49	120
PP5JN	"	42,642	171	49	89
PY2KM	"	31,672	177	26	48
ZW5B	28	533,006	1789	25	93
					(OP: PY5KD)
PP5AMP	"	379,154	1344	22	79
PY2YU	"	366,080	1278	25	79
ZX5J	21	2,265,642	4299	36	155
					(OP: PP5JR)
PY2GH	"	194,098	695	25	82
PS2T	14	1,022,196	2200	36	136
					(OP: PY5EG)
PR5Z	"	231,240	750	26	94
					(OP: PY5ZHP)
PY5QW	"	115,920	417	27	85
PY5CA	"	90,902	425	24	62
PY5ZD	"	23,714	140	19	52
PY7ZY	"	3,366	115	5	6
PP5KR	7	4,950	118	20	35
PV8DX	3.7	102,439	421	20	69
PP5FMM	1.8	4	2	2	2
*ZX7A	A	1,283,613	1601	80	233
					(OP: PS7TKS)
*PP5MQ	"	434,940	1033	60	105
*PY1SX	"	143,990	368	39	131
*PY2SRB	"	98,078	431	31	58
*PY5EG	"	93,068	384	42	64
					(OP: PY5KW)
*PP5JY	"	85,446	321	49	92
*PY2DU	"	40,150	230	20	53
*PY1WS	"	13,664	89	28	33
*PY3EAM	"	6,042	65	25	32
*PP5EJ	"	4,278	73	21	25
*PY2DXX	"	2,852	35	14	20
*PY3BIL	"	780	15	9	11
*PY3KIM	"	504	26	11	13
*PS2SR	"	65	8	6	7
*PU2LSM	28	306,915	1106	25	80
*PY2CX	"	221,548	882	22	75
*PY2ZY	"	128,790	653	21	69
*PU1KGG	"	104,230	566	19	51
*PU2MTS	"	84,206	467	20	51
*PY5WH	"	13,536	126	16	31
*PU2OYO	"	4,482	88	9	9
*PU2VIR	"	1,752	59	10	14
*PY1CMT	"	1,474	55	11	11
*PU2TES	"	1,320	28	10	14
*PU8TDS	"	126	20	3	3
*PU1TNT	"	48	16	4	4
*PU8TFA	"	100	34	7	11
*PU2YDC	"	100	6	3	4
*ZV5E	21	203,940	854	24	66
					(OP: PP5KE)
*PY2HL	"	133,632	615	22	65
*PV8AZ	"	1,827	49	12	17
*PT8CWA	"	45	3	2	3
*PS8DX	14	49,011	221	22	71
*PP2RON	"	17,550	125	21	44
*PY2ZR	"	10,918	105	15	38
*PS8ET	"	6,390	53	18	53
*PS8NF	"	936	17	8	16
*PR7DZ	7	52,350	249	21	54
*PT7ZZ	"	6,545	56	14	41
*PY2WF	"	3,904	81	18	43
*PY6KY	"	2,573	40	11	20
*PY5DC	"	2,553	54	11	26

Chile

3G1K	A	812,460	1380	72	148
					(OP: XQ1KY)
CE3P	"	218,776	536	56	128
					(OP: CE3PG)
CE4B	"	72,240	302	28	58
					(OP: CE4ETZ)
*CE1KR	A	327,988	814	62	105
*CA1UGE	"	69,856	389	27	47
*CE3SNA	"	840	17	12	12
*CE3DNP	21	71,500	272	23	77
*CE2SQE	3.7	182	15	6	7

Colombia

HK6K	A	1,792,823	2080	111	272
HK3Q	"	284,856	479	67	182
HK3J	"	165,375	410	54	121
*HK3TU	A	730,000	1328	74	176
*HK3JJH	"	318,798	588	64	135
*HK6P	21	240,300	976	25	75
*HK3W	3.7	36,504	200	20	52

Easter Island

*CCØY	21	313,984	1317	21	67
					(OP: 9A4K)

Ecuador

HC2SA	14	232,575	877	24	81
HC2GT	"	72,800	467	24	67
HC2AQ	7	279,165	976	25	86
HC1HC	3.7	9,450	94	11	24
*HC2AD	A	308,637	744	55	106
*HC1JQ	14	566,370	1440	28	117

Falkland Islands

*VP8CXV	7	8,476	93	19	33

French Guiana

FY1FL	A	619,983	849	75	198

Paraguay

*ZPØR	A	2,690,604	2991	99	279
					(OP: ZP5AZL)

Peru

OA4AHW	A	70,524	284	40	68
OA4SS	14	692,240	1862	30	106

Suriname

PZ5XX	A	5,876,735	3895	129	416

Trinidad & Tobago

9Y4D	14	1,506,832	3359	33	131
9Y4W	7	906,696	2195	31	116

Uruguay

CX6VM	A	4,238,304	3240	125	351
CX4DX	28	265,776	1042	22	76
*CX9AU	A	159,544	345	67	129
*CX2TG	"	98,616	255	57	111
*CX2ABP	"	85,568	315	45	67
*CX9DX	21	39,558	334	20	37
*CX2CC	7	13,910	124	20	45

Venezuela

YV6BFE	28	16,555	220	17	26
*YV6BXN	A	43,066	166	37	85
*YW7A	28	3,650	99	11	14
					(OP: YV7QP)
*YY1LCR	21	323,618	1191	21	85
*YY5PER	"	54,126	231	23	70
*YV1FYZ	14	9,699	123	17	36

QRP

IK5RUN	A	504,878	655	93	340
KR2Q	"	385,528	502	69	217
KA1LMR	"	384,780	571	85	233
M3RCV	"	381,888	868	61	290
S59D	"	291,332	671	66	280
NØKE	"	256,520	450	79	163
RX1CQ	"	253,044	780	50	234
YP8A	"	240,160	631	66	238
					(OP: YO8WW)
EA3FF	"	237,744	490	66	246
JR4DAH	"	231,716	492	77	135
DF1DX	"	218,790	569	43	212
HA6IAM	"	218,595	655	52	243
YO3APJ	"	192,185	513	55	234
VE1AI	"	168,285	355	50	145
EA1GT	"	160,752	485	44	160
RW3AI	"	153,504	526	40	194
VA3DF	"	133,770	279	55	140
OM7DX	"	132,525	391	56	223
N1TM	"	111,370	239	51	134
W6QU	"	104,958	268	59	94
					(OP: W8QZA)
K8ZT	"	103,713	232	57	134
KB3TS	"	102,884	254	45	133
RD4HD	"	97,905	325	43	140
CT1ELF	"	95,448	322	42	122
DL1DQY	"	93,372	218	46	140
RA9SC	"	89,440	272	52	156
NDØC	"	89,265	216	52	113
IZ1JLF	"	88,924	250	49	139
LZ2DF	"	72,890	306	37	148
ON3SMS	"	65,041	291	43	150
PE2KP	"	61,152	356	29	127
YO3JOS	"	59,940	274	35	127
ON3MAJ	"	59,653	235	42	145
SP2DNI	"	57,040	304	39	145
OK1ES	"	48,556	192	42	157
KT8K	"	46,690	158	33	82
YB2OK	"	43,560	153	41	79
EU1UA	"	36,400	216	40	100
WBØIWG/3	"	35,520	142	34	77
KG7HF	"	35,346	140	49	88
PY2BN	"	30,996	190	37	45
N3HU	"	30,700	119	31	69
UT2AB	"	29,400	159	34	113
JA2MWV	"	29,205	153	41	58
YU1LM	"	28,928	202	27	101
YO4AAC	"	27,664	182	31	102
IK1TWC	"	27,117	131	40	91
KD4HXT	"	23,220	129	37	49
KIØG/5	"	22,746	107	37	65
KR1ST/4	"	22,018	97	33	68
VE3CW	"	21,948	106	33	60
LA5FBA	"	21,924	166	25	91
N8IE	"	21,408	98	33	63
N8XA	"	18,569	172	45	74
PA3DDP	"	18,564	156	20	99
5Z4/YT1CS	"	18,357	106	30	57
US5IND	"	17,064	135	23	82
N6WG	"	16,330	101	31	40
KG4IGC	"	15,300	94	36	54
RK4FB	"	14,949	145	23	76
HA5BA	"	14,758	156	22	72
IØUZF	"	14,276	132	25	58
USØYA	"	14,136	77	27	66
T97J	"	12,960	71	34	62
VK4ATH	"	12,640	76	33	46
NU4B	"	11,988	65	31	50
VU2UR	"	11,476	85	30	46
WA8WV	"	11,250	62	27	48
KØCD/9	"	9,600	77	24	36
7N2NGO	"	7,320	56	26	35
GØKTN	"	6,862	82	17	56
N4ZAK	"	6,549	55	23	36
M5AAV	"	6,325	109	11	44
UAØSBQ	"	5,671	84	21	32
KA9O	"	5,568	54	26	32
OE3DSW	"	5,550	84	18	56
BD4SP	"	4,876	62	20	33
YU8NU	"	4,500	54	29	46
JA1KEB	"	4,408	50	15	23
SP4DZT	"	4,347	39	26	37
W6ISO	"	4,089	37	22	25
RW6FO	"	2,688	65	12	30
KD4OFG	"	2,013	30	14	19
N1SZ	"	1,776	26	13	24
W2JEK	"	936	24	11	13
AF9J	"	893	23	9	10
IZ8FSL	"	840	24	9	21
ON3AD	"	759	28	8	15
JK1TCV	"	702	19	7	11
DO2GMS	"	696	28	9	20
EA5GVZ	"	486	25	8	19
WV7T	"	150	13	5	5
AI2P	"	81	9	4	5
NT4Q	"	63	4	4	3
SA1A	"	50	8	3	7
					(OP: SM1TDE)
N8QE	"	42	3	3	3
VA3RKM	"	36	4	2	2
RX9CN	"	24	2	2	2
OH9/RA1ZM	"	8	2	2	2
I1BAY	"	100	58	21	36
KB4QQJ	"	100	61	25	43
PY2ZK	28	37,877	307	16	33
YO5PCY	"	23,877	309	14	49
I5KAP	"	19,240	181	18	56
4X6DK	"	16,170	101	12	43
IZ8EDL	"	15,456	148	15	54
YO5PBW	"	7,245	96	12	33
JF2MBF	"	2,280	46	9	15
ER3MM	"	1,855	33	9	26
SP2FMN	"	1,650	62	4	26
OM7PY	"	560	19	5	11
DF7LS	"	558	28	5	13
F8AKC	"	464	15	7	9
VR2ZQZ	"	140	24	9	11
CT1AOZ	21	65,067	224	26	97
AG4RZ	"	62,167	225	24	83
YO5AIR	"	35,838	270	23	76
SP4GFG	"	29,520	258	15	65
JH7RTQ	"	28,028	174	29	48
WA6FGV	"	10,545	76	19	38
IZØCKO	"	10,353	146	12	39
OK1AIJ	"	9,676	137	10	49
JR1NKN	"	9,534	104	16	26
EW6CU	"	8,840	167	9	43
JH3DMQ	"	7,154	59	20	29
IZ8EWD	"	4,725	72	11	34
RA3XEV	"	3,744	91	7	29
JQ6PAQ	"	3,255	42	14	17
JA1KPF	"	2,492	41	11	17
HS8KGG	"	1,368	34	11	13
VA3RJ	"	1,161	25	10	17
RU3RM	"	1,032	26	6	18
N1ESE	"	171	8	3	6
DH6JL	14	67,125	316	30	95
TG9ADQ	"	37,312	293	18	46
YO6EX	"	35,055	261	17	78
IZ1DGG	"	25,842	283	12	61
EW6DX	"	21,840	201	16	64
UA1CEC	"	21,148	273	10	58
IK3JBP	"	15,352	166	18	58
LA8WG	"	11,330	165	8	47
ON3TO	"	10,140	176	9	51
XE1NW	"	9,541	97	15	32
EA4EQD	"	8,607	115	10	47
KF8BT	"	6,604	66	16	36
JA4DQX	"	3,672	54	15	19
SP9RQH	"	2,739	61	9	24
9A8MM	"	1,410	36	8	22
E2ØNMK	"	1,034	25	8	14
DK5CS	"	875	35	4	21
K6BBQ	"	442	24	7	6
W9BNO	"	255	13	9	8
RAØJEP	"	154	25	3	4
KO9A	"	70	9	3	2
LA1TPA	"	15	3	2	3
M/S56G	"	8	7	2	6
M/S59TI	"	6	4	2	4
KP4KE	7	323,232	1329	24	88
OK7CM	"	35,445	345	13	72
4X/UU4JKY	"	28,500	190	12	64
KO1H	"	12,474	80	19	44
HAØGK	"	7,200	132	7	43
DL9SXX	"	4,278	94	7	39
PG2AA	"	2,988	80	4	32
RW9LL	"	896	25	6	10
JL3SBE	"	81	7	4	5
WP4EDD	3.7	35,454	432	16	41
RU3VD	"	18,224	208	11	56
G4CWH	"	9,065	200	8	41
IZ3IBL	"	7,776	162	7	47
HA6VA	"	1,147	76	4	27
SP2FNC	"	306	21	4	13
SP2BSD	"	35	5	2	5
SP3HLM	1.8	3,784	97	6	38
DJ3GE	"	510	33	2	15
SQ2BXI	"	450	34	3	15
RW9QA	"	200	11	4	6
K3TW	"	120	16	3	2
WO2N	"	50	21	3	2

ASSISTED

NORTH AMERICA

United States

N1DG	A	1,790,316	1158	116	432
N1IW	"	1,626,174	1284	107	366
WB1DX	"	1,363,180	1141	104	351
K2TE/1	"	1,165,428	1013	96	340
W1CSM	"	1,052,920	894	96	344
N8RA/1	"	958,368	879	90	312
W1RZF	"	817,330	853	82	288
K2KQ/1	"	796,110	679	99	347
AA1V	"	772,338	662	97	329
W1QK	"	684,972	745	84	275
W1GUS	"	684,926	796	76	250
W1NT	"	616,713	752	76	235
KE1IH	"	610,650	647	88	266
W1ZT	"	568,344	611	79	278
W3IZ/1	"	556,400	666	78	247
KV1J	"	467,100	525	83	263
KA2KON/1	"	446,814	571	70	239
W1KQ	"	369,315	495	63	220
N1BCL	"	331,422	474	70	203
W1NR	"	323,078	361	84	245
N1MD	"	244,783	316	68	221
KK1L	"	215,940	337	63	181
N1API	"	162,132	352	35	142
NS1L	"	161,880	304	61	152
W1NG	"	118,524	191	58	180
K1TR	"	113,274	230	50	136
K2QPN/1	"	102,446	218	50	131
WB1EDI	"	94,061	195	50	137
AA1QD	"	58,135	144	42	109
AE1C	"	55,062	165	37	101
NE1F	"	43,851	120	43	98
KD1EU	"	26,568	104	33	75
N1MGO	"	12,928	80	15	49
W1RM	"	1,271	19	14	17
K1JB	21	7,546	60	14	35
W1YM	1.8	1,296	25	8	16
K2NG	A	3,565,082	2023	138	539
W1GD/2	"	2,199,036	1449	118	439
W2IRT	"	1,402,335	1045	105	390
K2TTT	"	1,003,230	912	91	335
N1EU/2	"	994,061	819	104	359
N2WK	"	834,900	697	111	349
W2YR	"	780,230	648	104	347
W2LE	"	774,737	791	83	284
K2DB	"	681,609	697	88	293
W2RD	"	660,132	615	96	300
K2XF	"	597,996	609	85	293
N1JP/2	"	563,108	619	78	286
K2ONP	"	515,823	559	89	274
W2GDJ	"	499,660	554	82	250
N2MUN	"	462,189	614	59	214
K2EP	"	422,968	478	82	250
W6XR/2	"	375,175	435	85	264
K2CJ	"	288,981	454	53	178
K2SQS	"	267,800	442	63	197
N2CU	"	240,835	370	67	178
K2UT	"	216,866	323	62	185
KA2D	"	187,688	318	60	172
W2LK	"	164,640	299	57	153
AB2E	"	150,280	293	59	162
W2NY	"	132,600	251	63	141
N2NI	"	116,372	235	46	142
WK2H	"	71,640	219	25	95
WF2B	"	27,454	119	30	76
W2SFD	"	10,665	71	28	51
KF2O	"	2,272	24	12	20
KS2G	21	63,072	221	21	87
W2TB	14	2,666	33	13	18
K3OO	A	4,385,310	2586	135	500
K3WW	"	3,691,752	2308	126	480
KQ3F	"	2,228,880	1618	108	394
AA3B	"	2,145,220	1461	110	429
N3ZA	"	1,479,240	1090	107	397
W3CC	"	1,200,661	892	106	397
W3GM	"	1,101,329	893	102	359
					(OP: K3ND)
W2UP/3	"	1,035,804	920	90	328
K1RH/3	"	1,018,663	997	76	297
W3EA	"	1,003,020	872	99	339
N3AM	"	653,260	677	81	275
N3GNW	"	608,985	658	79	272
KW3W	"	533,339	638	82	265
N3MX	"	523,944	573	82	260
K3TEJ	"	465,764	518	75	263
W3GK	"	414,568	529	72	236
WA3RHW	"	390,424	505	70	226
N3ME	"	346,473	477	67	214
WA3AFS	"	323,910	440	74	221
K3DNE	"	311,780	479	57	181
WA3G	"	288,320	434	68	197
WN3R	"	273,050	441	63	191
K3CT	"	217,515	329	67	188
N3NA	"	205,821	320	56	175
W2CDO/3	"	175,602	297	61	165
W4EE/3	"	169,200	303	57	168
NQ3X	"	145,341	316	50	139
W3OU	"	132,655	254	62	153

N3ST	"	98,658	208	46	128
N3NRN	"	90,888	219	47	121
WØBR/3	"	71,574	178	49	109
N3NR	"	57,456	149	44	108
KB3JGU	"	50,864	150	41	95
K3PP	"	50,662	132	46	100
K3SV	"	26,550	98	38	80
K3STX	"	9,842	54	29	45
N3KHK	"	9,450	70	26	49
K3II	"	924	37	17	27
N3RD	**21**	**806,944**	**1778**	**29**	**138**
W9GE/3	"	191,337	507	25	116
K3MQ	"	18,164	97	17	59
AD8J/3	7	15,360	98	15	49
N3RS	**3.7**	**47,100**	**207**	**23**	**77**
W4WTB	**A**	**3,206,060**	**2007**	**129**	**461**
N4WW	**"**	**2,149,035**	**1377**	**135**	**498**
AA4S	"	1,462,240	1114	113	381
N4KG	"	1,348,593	976	120	407
K2EK/4	"	1,024,650	904	120	330
N2TU/4	"	993,564	880	96	333
W3OA/4	"	986,752	889	101	315
KI4TZ	"	965,328	846	100	342
K4SAV	"	711,424	677	92	305
W4JAM	"	597,246	675	73	265
N4LR	"	550,278	603	85	257
K4XD	"	490,086	577	85	257
NN4F	"	421,473	596	85	236
N4PJ	"	408,480	500	71	225
K4EU	"	342,919	444	65	242
N4ZZ	"	327,584	528	54	178
W4KTR	"	296,736	430	74	207
K4YKZ	"	293,700	443	70	205
KU4V	"	286,272	407	80	204
K4FPF	"	258,258	418	52	179
N4FX	"	246,352	305	83	263
W4JVN	"	225,096	348	61	188
W5CPT/4	"	203,394	373	58	160
K5VIP/4	"	187,261	290	66	205
K1ZW/4	"	172,326	292	66	165
AD4IE	"	155,310	318	45	141
K4GHS	"	137,052	272	48	140
K4CZ	"	135,949	275	50	137
W4NZ	"	131,815	251	70	135
K1KO/4	"	131,712	265	53	139
N4TL	"	123,210	252	49	136
K4NAU	"	117,847	250	50	141
KB4AMA	"	100,626	253	58	128
KD4SN	"	94,804	215	49	124
K4DJ	"	93,155	245	43	112
K4JEB	"	87,516	169	60	161
WA3OFC/4	"	85,120	180	50	140
WA1FCN/4	"	82,268	215	47	110
W4/DL4EAX	"	77,539	232	35	98
W4CU	"	71,568	196	43	99
N4EEB	"	67,781	180	50	111
AI4ME	"	64,380	189	46	99
N4VV	"	56,695	147	38	107
AD4YQ	"	51,102	155	46	107
K4DLI	"	42,712	168	47	105
WW4E	"	41,022	129	39	90
N4VA	"	38,822	121	34	84
KA4OTB	"	38,170	161	39	71
N2YO/4	"	36,225	123	35	80
N4DWK	"	26,712	83	49	77
AB4EJ	"	23,430	101	40	70
K2SX/4	"	22,220	97	34	67
WA2BCK	"	21,837	100	26	61
K4APG	"	18,818	78	32	65
K2SD/4	"	18,565	97	25	54
KG4ZXK	"	10,530	77	28	53
KØCOP/4	"	9,735	77	17	42
KM9P/4	"	8,820	50	16	44
				(OP: W4NZ)	
KG4WOJ	"	6,968	53	25	42
K8YC/4	"	4,992	42	17	35
W4FDA	**21**	**123,552**	**332**	**28**	**115**
KC4HW	"	48,960	196	24	78
W5WMU	**A**	**1,602,576**	**1401**	**120**	**376**
N5JR	"	532,677	563	88	265
K5GH	"	423,846	491	97	237
W3TZ/5	"	290,583	445	68	181
W5GA	"	184,184	366	68	185
WT5U	"	64,801	214	40	97
KE5MOZ	"	24,723	93	45	78
K5NX	"	12,482	76	26	53
W5TB	"	1,748	31	18	28
W5ZO	**28**	**14,582**	**123**	**12**	**34**
WØVX/5	**21**	**66,852**	**228**	**26**	**82**
KA5M	**14**	**100,252**	**260**	**29**	**113**
NX5M	**7**	**111,875**	**347**	**29**	**96**
K6TA	**A**	**647,064**	**715**	**101**	**243**
N6QQ	**"**	**396,864**	**585**	**81**	**207**
N6ED	**"**	**386,012**	**511**	**88**	**195**
N6WS	"	281,673	412	85	178
K6RIM	"	281,336	419	76	177
K2RD/6	"	271,089	414	92	181
KC6X	"	222,915	383	79	152
N2NS/6	"	198,588	329	88	159
K6QK	"	180,200	343	65	147
K6GEP	"	109,736	255	66	106
N6NG	"	102,850	234	59	128
NW6P	"	75,862	188	61	105
N6VH	"	55,573	178	48	71
K6GT	"	48,006	160	48	79
N6RK	"	33,516	112	37	77
K6YP	"	32,045	110	54	91
KJ6RA	"	31,720	123	40	64
K6ST	"	24,062	101	47	59
K6UUW	"	20,793	109	34	53
AE6RR	"	16,340	108	31	45
K6JEB	"	11,730	75	32	37
W6RQ	"	9,112	58	30	37
WA6L	"	6,875	54	22	33
W6RKC	14	17,507	112	23	38
WU9B/7	**A**	**281,792**	**432**	**75**	**184**
K7ABV	**"**	**149,917**	**309**	**63**	**134**
N7RK	"	145,908	313	65	128
K7BAA	"	142,308	300	65	136
W7CT	"	110,357	273	58	111
W6SA/7	"	70,956	221	59	87
W7SW	"	63,840	199	41	79
WAØWWW	"	58,692	174	48	86
K7EKM	"	35,814	150	49	78
KY7M	"	35,760	117	41	79
K4GMH/7	"	34,650	158	25	80
W7WHY	"	30,660	143	39	66
N7YX	"	19,536	112	31	43
K7VIT	"	16,632	84	35	42
WG7Y	"	5,985	51	24	33
K7FL	"	3,696	49	22	22
KE7FBY	"	630	41	18	17
W7UT	**21**	**126,126**	**400**	**27**	**90**
W7ZR	**"**	**80,300**	**318**	**27**	**73**
KF7E	"	76,608	252	28	86
WE7K	"	46,656	196	24	72
N7MAL	7	2,888	37	15	23
N8TR	**A**	**1,914,864**	**1260**	**128**	**446**
N8BI	**"**	**1,042,389**	**897**	**102**	**357**
W8MJ	"	886,620	876	101	319
W8JY	"	515,080	618	74	242
AJ1M/8	"	310,688	424	81	223
WB8ZRL	"	227,815	310	80	203
AA8LL	"	174,966	278	77	165
WC8VOA	"	141,460	313	66	154
				(OP: W8ND)	
WA8MCD	"	79,827	216	52	125
K8SAK	"	47,680	142	49	100
N8AE	"	11,920	65	27	53
N8KOJ	"	9,636	59	27	46
K8GT	"	1,458	20	9	18
K9TRV/8	"	805	13	12	11
W8CZN	**14**	**321,261**	**719**	**35**	**138**
N9FN/8	3.7	10,716	82	16	41
W8TN	"	9,348	68	15	42
WB9Z	**A**	**2,572,647**	**1897**	**129**	**410**
K9CT	**"**	**1,086,076**	**939**	**105**	**331**
WE9V	"	845,467	706	101	348
K9IMM	"	815,661	855	89	274
WO9Z	"	574,722	602	93	274
W9JA	"	465,982	551	91	268
WE9R	"	463,760	542	87	253
KA9FOX	"	461,472	500	101	267
N9ZM	"	405,840	539	81	223
NS9I	"	256,197	429	66	171
W9GIG	"	114,062	212	61	153
K9DUR	"	63,648	161	48	108
WT9U	"	35,643	130	31	78
N9CO	"	23,994	96	21	72
KØKX	**A**	**1,346,345**	**1108**	**107**	**348**
KØSR	**"**	**1,114,990**	**994**	**104**	**326**
KØRC	"	700,340	707	104	284
WAØMHJ	"	633,360	700	91	257
NØAT	"	513,408	534	100	282
WBØHCH	"	389,778	494	88	246
KØTI	"	306,280	455	76	184
KEØL	"	257,226	393	68	190
K4IU/Ø	"	193,392	342	70	167
KØPC	"	152,978	266	73	150
KØYR	"	149,250	311	62	137
WØTT	"	143,550	275	59	166
NØODK	"	115,839	232	58	153
KSØT	"	112,110	270	62	123
NRØL	"	85,808	205	58	115
KØBX	"	81,252	207	43	105
KNØR	"	60,143	172	41	96
WØLM	"	48,081	134	48	93
W4RK/Ø	"	33,288	145	45	69
WGØM	"	25,856	105	47	81
KØUH	"	21,804	99	31	61
NØEO	"	21,600	92	37	63
				(OP: AAØAW)	
KØSZ	"	18,308	113	37	55
NSØB	"	9,675	57	30	45
NUØJ	"	624	13	13	11
WØAD	"	576	13	7	11
KC6R/Ø	**21**	**49,248**	**203**	**24**	**72**
KVØQ	**3.7**	**43,935**	**216**	**25**	**62**
KØRF	**1.8**	**3,850**	**52**	**10**	**25**
AL2F	**A**	**67,040**	**351**	**35**	**45**
AL9A	"	44,713	320	27	34
V31FB	**A**	**510,720**	**1268**	**56**	**136**
VO1MP	**A**	**2,565,810**	**1974**	**106**	**404**
VE1DHD	"	407,997	965	46	161
VE9NC	"	358,290	494	57	213
VE1OP	**14**	**133,338**	**376**	**26**	**116**
VE3UTT	**A**	**2,391,661**	**1906**	**109**	**382**
				(OP: W1AJT)	
VE3XN	"	504,634	595	84	254
VE3SS	"	74,824	161	51	137
VE3FRX	"	15,204	80	25	59
VE3AJ	"	9,652	78	28	48
VE3MGY	**1.8**	**5,130**	**293**	**4**	**6**
VE7ABC	**A**	**48,114**	**264**	**37**	**62**
VE6LB	**A**	**65,072**	**338**	**42**	**56**
VE6TR	**14**	**24,346**	**143**	**21**	**53**
VA7FC	**A**	**328,380**	**802**	**71**	**124**
VE7KET	"	234,954	428	70	159
VE7BZ	"	152,810	619	49	69
HR2DMR	**A**	**1,388,088**	**2217**	**91**	**221**
FM/K9NW	**A**	**6,622,850**	**5203**	**129**	**446**
FM5FJ	**7**	**204,544**	**617**	**25**	**103**
XE2K	**3.7**	**72,176**	**765**	**15**	**37**
KP4US	**A**	**612,096**	**1241**	**75**	**181**
NP2KW	**A**	**678,040**	**1530**	**66**	**164**
NP2L	"	33,480	322	26	36
EA8AJO	**A**	**267,189**	**452**	**51**	**170**
EA8BZH	"	78,071	209	41	92
6W1SE	**A**	**2,150,390**	**2172**	**73**	**273**
ZS5ZZ	A	24,108	101	31	53
ZS4JAN	**28**	**6,808**	**73**	**10**	**36**
RU9WX	**A**	**6,758,725**	**3980**	**125**	**536**
RK9CYA	**"**	**452,214**	**786**	**56**	**203**
UA9BS	"	394,305	609	66	225
UA9SAW	"	77,616	244	35	97
RV9UP	"	72,640	226	55	105
RM9RZ	"	71,231	220	48	115
RZ9OJ	"	53,424	205	23	89
RA9MC	"	51,840	157	49	113
RA9UAD	"	39,512	221	21	67
RW9WW	"	30,470	116	29	81
RW9HZZ	"	25,010	117	40	82
				(OP: RZ9IR)	
RA9UAG	"	6,279	77	10	29
UA9LGD	"	252	8	6	8
UA9XLC	21	13,530	103	12	43
RV9YK	"	6,200	76	11	29
RA9AC	"	2,520	32	19	23
RW9USA	**7**	**482,374**	**1578**	**32**	**110**
RU9CK	"	118,080	451	25	95
UA9PC	**3.7**	**162,486**	**628**	**22**	**80**
RN9AA	1.8	60	4	3	3
UAØSE	**A**	**247,280**	**583**	**62**	**158**
RWØUM	"	57,178	298	40	73
UAØFOO	"	53,340	260	53	74
RAØBA	7	154	8	7	7
BA4DW	A	5,896	58	20	24
B7M	**21**	**92,000**	**631**	**26**	**66**
				(OP: BG7MSN)	
P3J	**A**	**522,828**	**700**	**69**	**213**
				(OP: 5B4AHJ)	
VR1ØXLN	**A**	**436,995**	**1236**	**83**	**166**
JQ1BVI	**A**	**718,560**	**997**	**126**	**234**
JM1XCW	"	177,654	411	75	99
JH8SLS/1	"	155,610	332	71	119
JS1KQQ	"	57,084	191	52	82
JO1WKO	**7**	**16,348**	**102**	**15**	**46**
JR2PMT	**A**	**218,828**	**395**	**89**	**152**
JK2VOC	"	36,462	168	49	69
JH3PRR	**A**	**601,282**	**665**	**107**	**255**
JO3DDD	"	149,940	356	76	128
JA3PYC	"	45,510	164	53	70
JH3EQP	"	25,389	137	40	53
JJ3OFL	"	8,349	69	31	38
JG3FEA	21	4,576	45	16	28
JN3DSH	**14**	**24,336**	**152**	**25**	**47**
JR4DHK	A	18,512	98	38	51
JO7KMB	**A**	**171,360**	**414**	**73**	**97**
JG7AMD	"	20,034	117	25	38
JL7IFR	"	5,719	66	18	25
JA8RUU	**A**	**55,328**	**203**	**54**	**98**
JA9XBW	**3.7**	**168**	**7**	**5**	**7**
JAØFVU	**14**	**50,160**	**247**	**29**	**59**
UN9L	**A**	**363,312**	**1028**	**33**	**111**
EX2T	**7**	**45,430**	**256**	**16**	**61**
JT1CO	**A**	**1,236,330**	**2465**	**101**	**241**
EY8CQ	**A**	**360,126**	**945**	**45**	**117**
E21YDP	**7**	**68,705**	**313**	**23**	**68**
9M2CCO	**A**	**138,424**	**530**	**42**	**101**
OE5UAL	**A**	**158,218**	**352**	**54**	**185**
OE5HSN	"	100,360	339	43	150
OE1KDK	**21**	**154,203**	**601**	**31**	**116**
EA6ADL	A	3,245	42	18	37
EU1AZ	**14**	**226,083**	**1151**	**30**	**113**
OQ4B	**A**	**347,316**	**704**	**63**	**246**
				(OP: ON4BHQ)	
ON6LR	"	228,490	352	78	235
ON6FC	"	67,768	334	36	136
ON4WW	**1.8**	**87,220**	**896**	**14**	**75**
LZ2ZG	**A**	**86,305**	**302**	**53**	**152**
LZ1PM	"	1,089	20	13	20
LZ7J	**3.7**	**132,858**	**1035**	**25**	**96**
				(OP: LZ1YQ)	
9A3KS	**A**	**68,445**	**204**	**51**	**144**
9A2U	**7**	**152,250**	**1110**	**25**	**100**
				(OP: 9A3ZA)	
9A4RV	3.7	10,266	152	7	52
OK1KT	**A**	**1,005,712**	**1297**	**107**	**419**
OK2VZE	"	156,468	513	44	192
OK1BA	"	102,240	393	33	127
OK1AVY	"	76,356	168	58	131
OK6AB	"	67,320	317	32	148
OL5Y	"	59,514	284	41	141
OK2WED	"	42,570	268	32	97
OK1JOC	"	36,803	245	28	121
OK3C	"	26,106	130	35	79
				(OP: OK2ZC)	
OK2FB	**28**	**9,804**	**143**	**11**	**46**
OK1CDJ	**14**	**381,465**	**1318**	**36**	**137**
OL5M	"	177,320	923	29	114
OK1NY	**1.8**	**61,040**	**759**	**13**	**67**
OK1TP	"	53,379	720	11	70
OZ1FAO	**A**	**153,000**	**427**	**54**	**196**
OZ1ADL	**14**	**289,814**	**1067**	**36**	**127**
GØMTN	**A**	**914,122**	**1645**	**74**	**333**
GØVXE	**"**	**745,875**	**1267**	**84**	**341**
G3RXQ	"	294,800	723	52	216
G3UEG	"	29,925	207	24	81
M3ENF	"	20,500	133	26	74
G3YBY	**21**	**191,672**	**637**	**29**	**123**
M1P	"	126,071	377	31	126
				(OP: G4TNB)	
MØLSK	**14**	**17,710**	**203**	**12**	**58**
G3GAF	**1.8**	**5,586**	**150**	**6**	**32**
GØVDZ	"	5,330	163	5	36
ES375UT	**A**	**515,780**	**996**	**73**	**337**
				(OP: ES5RY)	
ES1LS	"	33,930	262	21	96
ES5RW	**7**	**250,332**	**1421**	**29**	**109**
ES5QX	**1.8**	**13,780**	**197**	**8**	**57**
RK4FD	**A**	**2,819,504**	**3556**	**107**	**456**
UA3BS	**"**	**1,862,106**	**2308**	**120**	**497**
UA3SAQ	**"**	**1,767,705**	**1990**	**122**	**495**
RM3F	"	1,568,857	2306	102	401
				(OP: UA3DPX)	
UA4WKW	"	1,440,000	2171	103	377
RD4WA	"	1,126,600	1553	102	422
RW4PL	"	487,743	743	91	352
RA3DNC	"	393,400	1002	58	223
RW6HJV	"	339,750	666	85	290
RV3FF	"	208,025	490	69	196
RA1AR	"	205,580	338	73	307
RV3ZQ	"	163,506	448	53	185
UA4WMA	"	150,675	536	52	193
RN4WA	"	128,193	397	62	185
UA3AGW	"	123,984	261	73	173
RA3RK	"	101,905	319	52	177
UA4PAN	"	75,548	414	35	152
RD3DY	"	73,365	320	41	160
RA4LBS	"	64,960	247	37	123
UA3DUJ	"	56,730	250	35	120
RN4NF	"	48,263	162	43	124
UA6GF	"	48,000	282	30	120
UA3MQM	"	27,040	126	43	87
RZ6HF	"	17,115	93	35	70
RW4PY	"	15,345	103	27	66
RZ1OM	"	12,848	98	19	69
RV6LA	"	10,266	165	14	45
UA4WLI	"	5,512	80	14	38
RK6ASY	"	3,510	88	8	37
RX3APM	"	3,444	50	12	16
RA4NAJ	"	3,224	45	18	34
RX1AP	"	1,184	18	14	18
RX3RZ	"	54	3	3	3
RU6CQ	**28**	**120,714**	**901**	**24**	**94**
UA6LV	**"**	**110,740**	**843**	**22**	**91**
UA6AA	**21**	**79,315**	**271**	**32**	**113**
RA6YDX	"	17,170	110	21	64
RA6YJ	"	294	7	7	7
RN3QO	**14**	**443,260**	**1602**	**37**	**148**
RA4HTX	"	297,024	1243	34	134
UA1AQA	"	99,918	688	23	99
RX3RC	"	25,398	186	15	68
RV3MI	**7**	**106,516**	**610**	**23**	**101**
UA1CKC	"	22,008	173	15	69
UA4LU	"	13,482	137	12	51
RU6LA	**3.7**	**190,422**	**1051**	**29**	**113**
OH5BM	**A**	**1,571,262**	**2061**	**124**	**413**
OF6NIO	**"**	**1,367,683**	**1535**	**90**	**419**
OH6OS	"	418,905	616	80	355
OH6DX	"	407,628	533	89	379
OH2XX	"	119,350	319	55	162
OH7LZB	"	2,496	43	15	33
OH2FS	14	5,395	51	15	50
OH2BO	**1.8**	**12,075**	**147**	**11**	**58**
OH3BU	"	7,950	140	6	47
TM7F	**A**	**3,774,157**	**3138**	**121**	**456**
				(OP: F6GYT)	
F1JKJ	**"**	**1,759,320**	**1980**	**110**	**430**
F4FKJ	"	366,098	633	74	252
F5CQ	"	356,329	604	67	282
F6IFY	"	17,346	86	38	60
F4CGJ	"	2,646	71	12	42
F1IKD	"	418	18	5	14
F5MOO	**21**	**537,540**	**1752**	**34**	**136**
F6KCP	**7**	**11,935**	**116**	**13**	**64**
				(OP: F5VHN)	
F1EBN	**3.7**	**44,469**	**508**	**13**	**68**
DK1MM	**A**	**4,435,480**	**3636**	**140**	**590**
DLØWW	**"**	**3,255,530**	**2597**	**131**	**539**
				(OP: DK3GI)	
DJ2YA	**"**	**2,764,300**	**1966**	**138**	**580**
DL7ON	"	1,730,416	1585	127	505
DF9XV	"	1,723,233	1740	108	429
DL3LAB	"	1,159,704	1358	98	433
DL8QS	"	1,031,040	1302	102	435
DJ9MH	"	827,670	1176	84	386
DHØGHU	"	823,338	1156	89	385
DK1QH	"	780,489	1255	80	331
DL8DAZ	"	711,500	972	93	407
DL7ANR	"	699,300	965	83	361
DR1F	"	677,160	1004	87	318
				(OP: DG3FK)	
DJ3WE	"	598,486	1106	77	357
DL1EJA	"	586,872	606	101	393
DL2AA	"	545,296	853	80	314
DL1REM	"	467,152	916	73	315
DC2YY	"	452,288	704	80	302
DL2KCK	"	448,686	765	80	298
DF5ZV	"	444,400	663	80	324
DJ8EW	"	422,499	851	60	281
DK6CQ	"	368,861	684	73	274
DL4LAM	"	334,593	596	71	268
DJ1OJ	"	272,250	643	57	218
DF2LH	"	267,030	502	67	278
DL9EE	"	265,183	468	66	257
DL5MX	"	244,062	597	57	241
DF2RG	"	220,745	502	58	207
DF1QQ	"	216,476	520	60	239
DL7UIO	"	216,006	604	46	213
DL6NCY	"	200,232	370	76	233
DK3WN	"	197,616	608	45	231
DL2UH	"	196,950	454	65	238
DM5JBN	"	194,040	657	43	237
DK7ZH	"	167,696	593	40	183
DL3OHB	"	164,016	367	66	202
DJ2ST	"	131,040	392	53	142
DL6KAC	"	125,800	346	44	126
DJØIF	"	121,108	306	53	168
DK4WF	"	110,000	367	40	110
DM7A	"	106,040	388	45	175
				(OP: DJ1YFK)	
DK5MB	"	101,343	226	58	191
DK1FW	"	90,706	255	49	168
DL6QW	"	87,740	298	42	122
DF9OO	"	82,044	279	50	162
DO1SAJ	"	81,982	352	35	144
DL4RCK	"	74,472	211	51	163
DL5XL	"	74,298	183	57	146
DL1ARS	"	69,144	290	40	132
DL1PT	"	68,448	296	44	140
DO1YCL	"	64,906	283	41	125
DG9MDM	"	63,318	180	47	126
DDØDRK	"	53,935	335	27	134
				(OP: DL4HTK)	
DJ4PI	"	49,456	172	34	142
DF2AP	"	31,518	185	22	80
DJ2QV	"	30,480	138	36	84
DG5OBB	"	25,883	166	33	110
DK5TX	"	22,260	126	32	74
DJ6OL	"	22,149	147	26	81
DK6RS	"	21,560	109	30	58
DL4PY	"	19,458	107	24	45
DR5A	"	13,482	197	18	89
				(OP: DO7GG)	
DC3FR	"	13,067	85	27	46
DO8LA	"	11,352	136	21	67
DL8WX	"	11,247	63	28	41
DJ5MW	"	9,956	103	16	60
DL3DRN	"	9,750	97	21	57
DL2AMD	"	5,085	50	19	26
DGØOM	"	3,135	59	17	38
DL5L	**28**	**43,878**	**239**	**20**	**83**
				(OP: DGØOKW)	
DO4DXA	"	30,996	346	15	67
DQ4Q	**21**	**754,974**	**1877**	**37**	**161**
				(OP: DF9ZP)	
DL2ARD	**14**	**1,153,278**	**3034**	**38**	**151**
DL4CF	"	201,951	647	34	137
DJ1AA	**7**	**109,498**	**1032**	**17**	**89**
DL3EA	"	92,127	586	23	100
DK9HN	**3.7**	**17,316**	**179**	**13**	**65**
DMØY	**1.8**	**31,088**	**633**	**9**	**58**
				(OP: DL3BQA)	
DK7ZT	"	2,964	79	6	32
SV1NK	7	3,784	80	9	34
SV2GJV	**1.8**	**14,490**	**208**	**10**	**53**
MUØFAL	**A**	**190,233**	**736**	**36**	**171**
HG3DX	**A**	**4,125,438**	**3596**	**146**	**577**
				(OP: HA3MY)	
HA8JV	**"**	**4,074,828**	**4000**	**141**	**582**
HA6PX	**28**	**123,760**	**900**	**20**	**99**
HA1YI	**3.7**	**120,682**	**1408**	**12**	**71**
EI9ES	**A**	**40,339**	**280**	**20**	**87**
IZ1LBG	**A**	**1,806,556**	**2097**	**106**	**421**
IR6D	"	361,674	1153	70	213
				(OP: IW6DRH)	
IK3SCB	"	276,947	1049	44	143
IK8VZE	"	115,414	383	46	147
I4JUQ	"	88,800	341	41	107
IWØHOU	"	72,324	210	54	142
IZ4MJP	"	57,984	311	32	96
IK3SSW	"	38,383	232	25	106
IZ5ASZ	"	22,860	123	23	67
IK2GZU	"	9,760	55	31	49
IW3SAR	"	6,004	93	19	60
IK2MLS	"	1,800	35	14	26
IW7ECJ	"	288	8	8	8
IKØEIE	**28**	**1,098**	**24**	**7**	**11**
IV3HAX	**21**	**309,876**	**842**	**36**	**150**
IK2ULV	**14**	**49,852**	**386**	**22**	**81**
IW3SSA	**3.7**	**106,603**	**1077**	**16**	**81**
II3G	"	11,222	167	9	53
				(OP: IV3RJT)	
RA2FIA	**A**	**32,750**	**165**	**33**	**92**
YL2KO	**A**	**562,176**	**1286**	**77**	**289**
YL9T	"	148,092	440	48	210
				(OP: YL2TW)	
YL2IS	"	11,680	154	18	62
LY1R	**A**	**1,163,016**	**1576**	**100**	**422**
LY2IC	**28**	**10,710**	**179**	**9**	**42**
LY8O	**14**	**782,990**	**2580**	**39**	**151**
LY4G	"	40,260	248	24	86
LY1C	7	6,450	127	8	42
LX7I	**A**	**5,601,466**	**4169**	**150**	**632**
ERØWW	**A**	**6,682,662**	**5709**	**150**	**597**
				(OP: UT5UDX)	
ER5GB	"	409,584	1022	72	264
ER3DW	"	23,200	199	20	80
ER4LX	**7**	**51,914**	**458**	**18**	**83**

Netherlands

PA5TT	**A**	**155,952**	**392**	**53**	**175**
PE1FTV	"	65,472	329	29	147
PG3N	"	47,520	251	35	109
PAØKHS	"	30,192	203	24	87
PE1RIK	"	348	29	6	23
PA5A	**14**	**214,970**	**736**	**35**	**131**
PE1MMZ	"	198,720	873	30	114
PA1TT	"	147,258	583	32	130
PA5O	7	2,100	49	7	28

Norway

LA3ZPA	**A**	**59,400**	**356**	**53**	**163**
LA7GNA	"	31,500	216	32	94
LN2D	"	9,990	120	18	72
			(OP: LA6ZFA)		
LA/DL2GLA	**14**	**100**	**3**	**2**	**3**

Poland

SN1I	**A**	**540,155**	**1102**	**69**	**316**
			(OP: SP1NQF)		
SP7LI	"	110,000	435	46	174
SP8LXE	"	106,872	454	51	193
SQ9NRY	"	53,836	286	34	138
SQ3LMY	"	45,288	241	33	103
SP6RLK	"	42,160	148	41	114
SP8QED	"	11,102	102	22	69
SQ3RX	"	1,800	49	13	23
SP5TAM	"	1,092	29	10	18
SQ1BVG	"	210	11	6	8
SQ6VY	"	161	23	7	16
SN1X	**28**	**74,338**	**562**	**18**	**91**
			(OP: SP5XVY)		
SN2J	"	30,444	253	17	69
			(OP: SP2JMB)		
SN9Z	"	11,466	164	11	52
			(OP: SP6EQZ)		
SP1RKT	**21**	**35,856**	**215**	**24**	**84**
SP1NY	"	31,114	167	22	72
SP7DQR	"	21,432	115	25	69
SN7Q	**14**	**447,384**	**1519**	**36**	**132**
			(OP: SP7GIQ)		
SP5ELA	**7**	**77,469**	**560**	**24**	**95**
SP3GXH	"	39,060	358	16	74
SP1GZF	**3.7**	**44,440**	**515**	**14**	**74**
SQ1K	**1.8**	**23,340**	**401**	**8**	**52**
SP6IHE	"	6,720	165	8	52

Portugal

CT1IUA	**A**	**1,252,083**	**1761**	**75**	**252**

Romania

YO3RU	**A**	**433,719**	**1027**	**72**	**265**
YO7FB	**"**	**330,400**	**1010**	**61**	**219**
YO5OHO	"	261,960	731	54	241
YO4RST	"	198,198	501	60	213
YO3JF	"	188,000	563	58	192
YO9XC	"	81,200	345	43	160
YO4KCC	"	55,460	322	42	146
YO9GJX	"	5,226	79	21	57
YO8DHD	"	558	45	6	25
YO5OAG	**28**	**7,546**	**130**	**9**	**40**
YP3A	**21**	**274,596**	**1342**	**31**	**116**
			(OP: YO3XX)		
YO3JW	"	119,679	557	29	110
YO9HG	**7**	**47,310**	**123**	**7**	**31**

Sardinia

ISØAFM	**A**	**446,025**	**1242**	**63**	**222**

Scotland

GMØF	**A**	**485,877**	**906**	**67**	**290**
MMØGPZ	"	265,408	820	50	236
GMØDBW	"	150,360	550	32	147
GM4EVS	"	95,764	343	35	143

Serbia

YU9VK	**A**	**235,584**	**540**	**61**	**227**
YTØW	**14**	**517,800**	**2443**	**36**	**114**
			(OP: YU1JW)		
YT1R	**7**	**103,090**	**726**	**25**	**97**
			(OP: YU1UN)		
YZ7A	**3.7**	**184,682**	**1584**	**19**	**88**
			(OP: YU7CM)		

Sicily

IT9ZMX	**21**	**420,135**	**1266**	**37**	**148**
IT9ORA	"	4,641	66	13	26
IT9BOR	**3.7**	**11,560**	**157**	**10**	**58**
IT9BLB	**1.8**	**38,376**	**436**	**10**	**68**

Slovakia

OM3KFF	**A**	**32,851**	**194**	**32**	**101**
			(OP: OM4DW)		
OM5M	**3.7**	**355,979**	**2219**	**27**	**112**
			(OP: OM2IB)		

Slovenia

S57DX	**A**	**3,807,725**	**3691**	**132**	**551**
S54O	"	527,800	1044	74	290
S51AY	"	353,298	811	62	256
S52W	"	30,024	178	33	106
S57EA	**28**	**9,850**	**187**	**6**	**44**
S53O	**1.8**	**95,670**	**1073**	**13**	**77**

Spain

EA7RU	**A**	**2,866,050**	**2411**	**120**	**474**
EA1DR	**"**	**976,758**	**1561**	**76**	**270**
AO5YJ	"	556,661	1391	68	213
			(OP: EA5YJ)		
EA1OS	"	504,948	981	67	281
EA3FKX	"	430,590	945	64	246
EA5DKU	"	345,340	634	69	241
EE4E	"	340,860	595	62	185
EA5FID	"	311,856	562	73	194
EA5FGE	"	182,644	364	79	229
AO5J	"	150,750	469	50	151
			(OP: EA5ACO)		
EB1TR	"	137,562	491	51	176
EA1ASC	"	114,400	414	48	160
ED1L	"	100,450	272	50	155
			(OP: EA1BLX)		
EA4TA	"	80,845	326	47	138
EB2CYQ	"	47,600	232	38	132
EA4DEC	"	23,660	104	45	85
EA2DR	"	21,222	146	23	58
EA5JC	"	14,700	106	29	69
EA1BTK	"	7,875	47	27	36
EA1BFZ	**28**	**9,936**	**188**	**10**	**36**
EA7UU	"	4,485	49	13	26
EB1BOA	**21**	**365,000**	**1614**	**30**	**95**
EA7OT	"	158,379	579	26	105
AN5BBA	"	13,199	152	16	51
			(OP: EB5BBA)		
EA1CUB	**14**	**224,264**	**960**	**32**	**104**
EA1WX	"	168,611	845	22	81
EA1DDO	"	138,375	729	25	100
EA1CS	"	108,570	798	20	85
EA1DVY	**1.8**	**2,040**	**70**	**5**	**29**

Sweden

SA5D	**A**	**355,104**	**604**	**76**	**335**
			(OP: SM5DJZ)		
SM6WET	**"**	**331,150**	**657**	**68**	**302**
SAØQ	"	93,176	533	24	128
			(OP: SMØOGQ)		
8SØW	"	4,788	46	23	40
			(OP: SMØNJO)		
SM6U	**14**	**431,288**	**1758**	**36**	**133**
SJØX	3.7	8	2	2	2
			(OP: SM6U)		
7SØX	**1.8**	**48,914**	**643**	**10**	**64**
			(OP: SMØMDG)		

Ukraine

UU7J	**A**	**6,669,255**	**5439**	**163**	**632**
			(OP: UUØJM)		
UT7QF	**"**	**4,755,642**	**3919**	**156**	**606**
UZ4E	"	1,462,050	2092	103	410
			(OP: UV5EOZ)		
UY2ZA	"	68,160	296	37	155
UT1KWA	"	56,259	418	30	103
			(OP: UT1KY)		
UX2MK	"	52,414	311	30	116
UR1MN	"	32,292	122	49	107
UR5LO	"	30,200	125	44	107
UX3HA	"	9,455	171	14	47
URØIQ	"	5,487	70	15	44
UT5ERP	**28**	**11,286**	**182**	**11**	**43**
UR6IJ	**21**	**89,735**	**362**	**31**	**100**
USØYW	**14**	**75,946**	**476**	**28**	**99**
UZ7M	**7**	**298,197**	**1360**	**29**	**124**
			(OP: UT9MZ)		

Wales

MWØZZK	**28**	**91,875**	**798**	**18**	**87**

OCEANIA

Australia

VK4ZD	**A**	**49,536**	**291**	**27**	**37**
VK6DU	14	7,800	69	20	30

Brunei

V8FEO	**A**	**1,312,740**	**1650**	**92**	**205**
			(OP: 9M6DXX)		

East Malaysia

9M6XRO	**A**	**487,572**	**715**	**75**	**171**

Guam

NHØDX/NH2	**A**	**1,058,584**	**1852**	**82**	**144**
			(OP: JL3RDC)		

Hawaii

AF7DX/KH6	**28**	**2,002**	**43**	**10**	**12**

Indonesia

YC1RIF	21	1,404	46	11	16

New Zealand

ZL1BYZ	**A**	**906,430**	**1439**	**77**	**153**
ZL4PW	"	254,648	463	81	148
ZL2IFB	"	6,327	49	26	31
ZL3A	**7**	**657,708**	**1715**	**35**	**103**

SOUTH AMERICA

Argentina

LR2F	**A**	**3,782,744**	**3263**	**111**	**323**
			(OP: LU5DX)		
LV5V	**"**	**3,012,464**	**3004**	**94**	**270**
			(OP: LU5VV)		
LU3JVO	**28**	**80,476**	**496**	**17**	**45**
LW5EAE	"	19,350	185	15	28
LW3EWZ	7	1,178	33	13	18

Bolivia

CP1FF	A	4,312	59	12	32

Brazil

PY3FOX	**A**	**690,690**	**1111**	**68**	**162**
PY3DX	**"**	**684,040**	**981**	**75**	**205**
PY3OL	"	77,760	229	53	109
PU2MXU	"	39,920	446	17	23
PY2RH	"	21,500	202	17	26
PY3OPP	"	3,465	33	24	31
PY2BRZ	"	1,178	33	15	16
PY2TW	**28**	**10,104**	**170**	**10**	**14**
PY5TJ	"	6,162	88	13	26
PY2XC	"	286	14	6	7
PY2BK	**21**	**739,410**	**1979**	**32**	**115**
PY2MTV	"	114,341	449	26	83
PP5TR	**14**	**149,460**	**629**	**25**	**69**
PY2IQ	"	16,038	99	17	49
PY2DY	**7**	**56,055**	**229**	**30**	**81**
PY2DEZ	"	1,131	28	11	18

Chile

CE4CT	**A**	**2,681,984**	**2706**	**106**	**262**

Colombia

HK3O	**A**	**1,425,690**	**1954**	**84**	**195**

Venezuela

YY4RN	**21**	**57,354**	**369**	**17**	**49**

MULTI-OPERATOR
SINGLE TRANSMITTER
NORTH AMERICA

United States

W3UA/1	**3,963,246**	**2534**	**126**	**465**
N1MM	**2,672,544**	**1759**	**120**	**454**
W1HR	2,417,034	1897	104	375
W1FM	217,616	382	62	170
W1YK	5,920	82	28	46
W2ZQ	**1,937,486**	**1501**	**109**	**382**
N2BZP	779,790	813	92	325
AB2DE	665,805	768	88	285
KC2NB	653,616	1030	62	205
N2LBR	619,824	645	76	273
KD2I	528,632	632	81	257
W2XT	204,088	335	58	205
N2NGW	8,322	72	26	47
K9RS/3	**4,504,524**	**2744**	**133**	**489**
W3MF	**1,823,120**	**1304**	**108**	**412**
WY3P	929,600	861	101	347
W3ZGD	500,004	611	88	254
K3OQ	95,757	246	49	128
WB3CJU	75,647	217	31	112
W3LJ	68,510	186	46	109
K3EST/4	**3,071,442**	**2242**	**117**	**421**
W3GQ/4	**1,689,877**	**1299**	**112**	**399**
W4NC	1,467,930	1144	114	387
K4PMR	630,360	664	99	309
N4TP	263,406	485	77	209
N4RI	87,792	219	47	139
KI4GUO	26,668	83	39	79
KF4L	26,329	139	40	73
K5NA	**3,186,414**	**2203**	**149**	**478**
K2BA/5	1,331,466	1234	115	359
W5WP	1,014,486	1081	104	314
W5BAK	597,090	654	98	292
W5LCC	109,760	248	63	133
AI6V	**1,079,343**	**1130**	**117**	**270**
W6YX	642,088	875	104	228
W7VJ	**1,042,362**	**1106**	**116**	**282**
N7RQ	**991,416**	**977**	**117**	**292**
WX7P	465,650	707	84	194
NN7SS	321,816	454	77	199
W7TVC	54,648	198	52	86
N7VS	36,800	163	47	68
K7DPS	15,403	106	33	40
KJ7UN	5,047	49	20	29
K8AZ	**3,372,811**	**1988**	**145**	**502**
K8GL	577,944	619	93	256
KZ8E	4,959	42	19	38
KD9ST	**1,338,740**	**1085**	**120**	**374**
N2BJ/9	**1,131,525**	**1023**	**98**	**325**
WN9O	**1,082,685**	**1000**	**102**	**343**
WB9AYW/9	13,677	88	36	61
NØNI	**2,661,612**	**1935**	**137**	**449**
NØMA	358,527	508	92	225
WØSV	122,360	292	63	127
KDØS	104,159	234	58	129
KIØY	10,010	63	30	47

Bahamas

C6APR	**2,235,658**	**3289**	**98**	**239**

Bermuda

VP9I	**2,290,872**	**3478**	**82**	**236**

Canada

VY2TT	**1,291,062**	**1830**	**82**	**239**
VC2Z	**858,516**	**1065**	**89**	**259**
VA2ZM	**609,733**	**969**	**78**	**215**
VA2TG	248,640	689	51	159
VE3RM	**4,720,107**	**3771**	**112**	**399**
VA3SK	**2,202,810**	**2004**	**114**	**391**
VA3VO	492,750	975	72	178
VE3MIS	492,360	845	68	196
VE3NB	260,304	408	69	195
VA3OC	204,160	625	48	112
VC6S	**1,806,256**	**2979**	**93**	**223**
VE7HL	16,948	105	33	43

Costa Rica

TI5N	**2,036,916**	**2964**	**100**	**254**
TI8M	937,440	1769	92	178

Cuba

T48K	**2,251,820**	**3136**	**92**	**278**
T49C	456,596	1494	51	110

Honduras

HQ9R	**2,339,519**	**3427**	**93**	**236**

Mexico

6F75A	**4,402,830**	**4479**	**119**	**366**

Montserrat

VP2MDG	**5,509,275**	**4845**	**114**	**379**

Turks & Caicos

VP5DX	**7,108,265**	**5782**	**124**	**441**

Virgin Islands

NP2B	**2,602,452**	**3072**	**88**	**323**

AFRICA

African Italy

IF9A	**2,220,900**	**2768**	**117**	**433**

Canary Islands

EC8AMI	5,125	44	15	26

Chagos Islands

VQ9X	**1,309,440**	**1479**	**86**	**224**

Madeira Islands

CQ3T	**10,224,810**	**5906**	**128**	**490**
CT9L	**9,145,059**	**4806**	**136**	**535**

Morocco

CN3A	**19,240,832**	**8445**	**156**	**650**

South Africa

ZS5NK	**287,224**	**530**	**56**	**167**

Tunisia

3V8SS	**438,900**	**741**	**47**	**173**

ASIA

Asiatic Russia

UA9UZZ	**2,532,102**	**2402**	**122**	**381**
RK9AWN	**1,874,887**	**1633**	**98**	**363**
RK9LWA	767,025	963	73	242
RK9SWF	186,637	384	53	156
RK9CWW	88,500	197	48	129
RK9XWO	29,842	163	20	66
RK9JWJ	2,059	37	7	22
RWØLT	**218,122**	**543**	**71**	**120**
RWØAA	64,500	225	47	103
RKØAWQ	4,407	61	13	26

Asiatic Turkey

TA7KA	**1,250,096**	**1499**	**76**	**268**
TC3EC	117,300	322	29	109

China

B4R	**729,036**	**1369**	**97**	**211**
BA4T	**690,976**	**1226**	**89**	**197**
BY1QH	140,910	585	54	100
B1P	65,403	436	50	79
BY1DX	41,275	425	48	79

Cyprus

P33W	**15,931,106**	**7494**	**142**	**636**

India

AT6ØMY	**28,860**	**176**	**43**	**87**

Israel

4XØC	**2,567,632**	**2503**	**82**	**301**

Japan

JM1LPN	**992,207**	**1195**	**117**	**232**
JI2ZJS	**1,583,816**	**1724**	**123**	**265**
JI2ZEY	949,494	1257	110	219
JA2ZJW	842,400	1165	93	195
JJ3YBB	**860,700**	**1412**	**90**	**195**
JA3YKC	231,748	517	89	140
JA6ZPR	**1,993,653**	**1907**	**129**	**324**

Kampuchea

8N7TU	**1,647,790**	**1742**	**125**	**285**
JA8RWU	**1,639,845**	**1615**	**129**	**276**
XU7MDY	**809,172**	**2440**	**66**	**162**

Kuwait

9K2HN	**9,782,976**	**4911**	**151**	**602**

Qatar

A71BX	**5,728,725**	**3546**	**130**	**491**

Singapore

9V1BH	7,957	55	29	44

EUROPE

Austria

OE6V	**2,677,296**	**3079**	**123**	**455**
OE5D	120,080	329	42	110

Belarus

EW8ZO	**2,988**	**118**	**21**	**62**
EW8ZZ	330	21	12	18

Belgium

OT5L	**3,472,896**	**3487**	**125**	**521**
OT5P	**2,421,762**	**2826**	**109**	**420**
ON4MCL	360,412	1408	53	186

Croatia

9A1P	**10,226,322**	**6555**	**165**	**708**
9A7A	**9,535,840**	**6308**	**163**	**693**
9A1A	**9,189,582**	**6259**	**158**	**701**
9A5D	2,660,640	3594	116	436
9A5Y	1,423,372	2215	100	421
9A3XV	92,400	595	25	75
9AØR	41,004	229	36	117

Czech Republic

OK5W	**6,903,219**	**4644**	**163**	**686**
OL7R	**6,147,491**	**4906**	**148**	**615**
OL3Z	**4,425,785**	**3725**	**140**	**545**
OL1C	1,433,376	1845	108	445
OL7T	1,224,480	2009	90	390
OK2KDS	450,660	837	71	299
OL2U	319,770	781	61	281
OK2KOJ	243,858	620	61	230
OL5ØNERA	60,816	338	41	140
OL2A	59,202	290	38	105
OK5SWL	228	11	8	11

Denmark

5P5X	**875,259**	**1738**	**84**	**337**
OZ2AR	**726,624**	**1712**	**67**	**281**

England

G6PZ	**6,294,802**	**4874**	**142**	**597**
M4A	**2,355,210**	**2509**	**116**	**494**
G2F	2,087,895	2476	100	445
G5O	1,322,510	1812	92	398
G6M	1,286,472	2107	84	359
G3B	1,126,120	1455	87	383
M4U	1,067,220	1945	73	323
G2B	965,668	2176	72	302
M6Q	629,340	1719	53	202
G1T	386,772	847	67	267
G6TW	358,380	934	62	268
M2T	43,470	386	30	96

European Russia

RL3A	**6,055,515**	**5436**	**152**	**643**
RT6A	**4,963,708**	**4247**	**148**	**616**
RT4M	**3,364,195**	**3255**	**134**	**525**
UA3R	2,376,864	3182	107	460
RK3DZB	2,026,233	2337	124	509
RT4D	1,727,288	2236	107	461
RK3QWW	1,621,375	2105	119	476
RW3WWW	1,518,230	2122	110	464
UA3GZ	1,087,182	1591	99	387
RK4WWF	610,488	1262	73	293
RK3QWM	518,800	1047	85	315
RK4HYT	251,635	600	62	233
RZ4HZW	237,855	609	66	237
RK3DXS	93,310	363	43	172
RK3DZF	88,328	342	43	138
RK3VWA	84,513	413	42	155
RK3AWK	77,343	357	44	159
RK4SWA	3	1	1	1

Finland

OF5Z	**3,862,365**	**4146**	**131**	**552**
OH3MMM	1,457,776	2088	101	408
OH2K	700,965	1466	74	259

France

TM2Y	**6,808,278**	**4466**	**145**	**633**
TM2T	**4,345,432**	**3599**	**138**	**590**
TM2S	**2,922,840**	**2942**	**138**	**552**
F8KDX	1,477,817	2299	87	320
F5KKD	839,085	1608	63	268
F5KAR	219,696	833	52	224
F6KVP	161,325	517	51	188
F6KRK	148,400	338	46	154
F8KFR	18,560	188	24	92

Germany

DR5N	**3,437,421**	**3006**	**129**	**560**
DL2MWB	**3,084,359**	**2616**	**124**	**549**
DA3X	**1,574,462**	**1831**	**93**	**428**
DLØTUM	1,492,992	1988	91	421
DA3A	1,200,897	1514	96	405
DRØV	1,086,342	1332	105	442
DK3W	1,058,964	1568	90	403
DL1RYD	857,790	1164	91	395
DP4K	741,468	1045	83	281
DHØMA	740,195	963	87	380
DL1NEO	625,650	1099	74	356
DK1F	582,164	1127	78	326
DL7AOS	581,672	1205	69	307
DL1M	543,744	903	80	304
DJØA	450,120	1065	58	190
DFØDA	340,844	679	66	263
DCØFHB	105,646	429	42	160
DLØAD	21,658	124	27	71
DKØED	4,717	67	17	36

Greece

J48RT	**1,698,895**	**3639**	**74**	**317**
J42T	**1,632,456**	**2762**	**95**	**397**
J42WT	739,746	1590	80	298

Hungary

HG6N	**9,027,640**	**6348**	**156**	**683**
HG1S	**6,983,400**	**5241**	**159**	**665**
HA6D	372,300	1318	54	201

Iceland

TF3W	25,489	206	16	55

Ireland

EI7M	**8,101,730**	**6407**	**146**	**608**
EI9E	1,328,480	1880	80	357

Italy

IR4M	**8,072,040**	**5472**	**157**	**665**
IO4T	**4,725,414**	**3750**	**141**	**597**
IO5O	**4,061,800**	**4073**	**128**	**447**
IR3Z	1,720,764	2301	113	451
IQ3UD	1,260,504	1809	98	390
IQ5LU	595,128	972	85	326
I1ZHH	526,431	982	82	297
IQ5FI	318,896	859	62	242
IQ3EZ	2,697	115	24	69

Kaliningrad

RW2F	**4,868,364**	**4579**	**134**	**579**

Latvia

YL7X	**1,342,996**	**2751**	**77**	**354**
YL1S	246,446	647	59	239

Luxembourg

LX8M	**982,800**	**1980**	**69**	**267**

Netherlands

PI4KGL	**571,119**	**1086**	**76**	**305**
PI4ZI	337,542	982	62	241
PI4RCK	336,660	1140	59	251
PI4WNO	91,596	454	44	160
PA6ØLIM	57,967	314	31	138
PI4ZOD	13,872	168	22	80

Norway

LN3Z	**3,015,040**	**3158**	**125**	**515**

Poland

SO9Q	**3,681,062**	**3147**	**140**	**602**
SN6Z	**2,729,996**	**2674**	**127**	**519**
SN2K	1,509,948	1895	116	478
SP9KDA	838,211	1718	85	336
SN1ØØS	460,282	983	69	304
SN5T	402,597	1020	65	286
SP9KRT	215,736	705	55	248
SP6PCL	182,016	577	60	228
SP1KZE	71,890	316	36	122

Portugal

CS2P	**2,384,640**	**3053**	**94**	**311**
CQ4U	**1,349,856**	**1746**	**93**	**343**
CT1DWT	1,189,248	1760	77	307
CQ7R	182,728	579	52	199
CT8CNE	106,860	573	36	101

Romania

YQ9W	**1,330,518**	**1994**	**98**	**376**
YR2G	491,241	1243	81	292
YO8KRR	343,375	846	65	270

Sardinia

ISØ/IQØAL	**370,336**	**1222**	**62**	**222**

Scotland

GM3YS	**337,272**	**893**	**57**	**242**

Serbia

YT2T	**4,545,533**	**4615**	**129**	**524**
YU1ARC	1,624,050	2545	91	359

Sicily				
IR9Y	**1,854,762**	**2511**	**89**	**385**
IQ9BF	844,669	1189	101	368
IR9K	762,879	1499	82	321
Slovakia				
OM8A	**8,579,935**	**5613**	**168**	**697**
OM7M	**7,556,320**	**5142**	**159**	**671**
OM3X	2,507,932	3095	118	484
OM3RRC	161,700	526	55	190
Slovenia				
S5ØL	**1,082,957**	**1782**	**90**	**373**
S59ABC	59,042	358	27	79
Spain				
AM3SSB	**3,911,544**	**3904**	**123**	**474**
EA5EA	**3,777,192**	**3615**	**123**	**525**
AO3A	**2,538,336**	**2993**	**113**	**466**
EH7H	1,782,900	3046	81	269
EE2K	1,324,836	1834	84	339
EA2BXV	513,024	838	79	305
EA1URO	351,486	740	60	223
EA1FCR	260,934	595	52	225
AO4RCT	255,075	783	48	131
EH2T	225,624	946	55	183
EA1GA	185,928	575	54	200
EA4TV	107,152	428	41	140
Sweden				
SK3IK	**466,147**	**1087**	**57**	**284**
SK7OA	**422,816**	**1222**	**57**	**235**
SC5L	46,206	301	34	117
SK7A	43,920	243	34	110
Switzerland				
HE7ØFG	**758,560**	**1541**	**68**	**284**
HB9OK	107,835	418	51	186
Ukraine				
UZ2M	**5,363,128**	**4958**	**155**	**633**
UR4Z	**2,203,032**	**2947**	**104**	**448**
UT7L	2,023,476	2199	133	530
UTØAZA	1,012,392	2081	84	352
UW4E	767,142	1368	83	331
UX4E	148,275	499	51	174
UR4ZYD	51,997	275	37	126
UR4PWC	18,620	145	28	67
Wales				
MW4C	36,216	297	23	49
OCEANIA				
Australia				
VK4TI	**844,806**	**1545**	**72**	**134**
Guam				
AH2R	**4,805,920**	**3511**	**144**	**346**
KH2INC	**795,900**	**1592**	**87**	**123**
Hawaii				
KH6MB	**1,020,978**	**1997**	**81**	**108**
Indonesia				
YB6ZIR	5,256	58	11	25
YB2ZY	3,876	65	15	23
New Zealand				
ZM4A	**1,298,590**	**1589**	**98**	**212**
ZL1AA	9,570	119	13	17
SOUTH AMERICA				
Argentina				
LP1H	**6,267,408**	**4815**	**122**	**361**
LQ5H	**1,510,554**	**2298**	**86**	**185**
LW6DW	825,945	1228	75	180
LU4DQ	143,395	478	47	72
Brazil				
ZY7C	**11,033,880**	**5988**	**139**	**521**
PP5CFS	2,215,647	2184	113	286
PR1T	937,197	1290	86	223
ZY7EAM	927,618	1613	67	170
Chile				
XR6T	**2,225,020**	**2797**	**99**	**223**
CC2A	292,125	648	71	134
CE6RCR	211,400	562	62	138
French Guiana				
FY5KE	**18,852,327**	**8182**	**161**	**646**
MULTI-OPERATOR				
TWO TRANSMITTER				
NORTH AMERICA				
United States				
KI1G	**5,689,680**	**3394**	**129**	**499**
K2LE/1	**3,239,991**	**2127**	**128**	**473**
W1HH	**2,917,830**	**2095**	**121**	**449**
NY1Q	2,298,192	1819	108	400
K1KP	1,116,612	1226	84	294
N2RM	**3,993,606**	**2871**	**116**	**411**
K2AX	**2,547,600**	**1869**	**118**	**432**
W2CG	1,054,812	987	86	307
W2VQ	572,800	633	92	266
WE3C	**8,799,505**	**4600**	**144**	**571**
NE3F	**2,690,898**	**2043**	**116**	**437**
WA3EKL	1,429,780	1272	108	377
K3DI	1,274,196	1062	104	358
W4RM	**4,864,384**	**3060**	**132**	**491**
K5YA	**1,527,656**	**1185**	**107**	**374**
K5MDX	158,179	886	101	282
K6IDX	**875,680**	**849**	**121**	**300**
W7DR/6	**495,742**	**728**	**100**	**199**
K7ZSD	**1,410,465**	**1495**	**120**	**279**
N7BV	614,000	830	95	212
N7VF	164,590	391	76	142
NØIJ/9	**861,672**	**816**	**117**	**329**
W9VT	25,724	132	38	71
Alaska				
KL7RA	**2,264,860**	**3299**	**98**	**212**
Canada				
VE9MSR	7,364	141	23	27
VE2DXY	**906,354**	**1941**	**70**	**188**
VE3DC	**203,775**	**582**	**63**	**146**
VE6FI	**1,581,060**	**3211**	**79**	**181**
VE6AO	787,635	2164	73	134
VE7SV	**3,344,068**	**4406**	**110**	**254**
VE7GL	**2,051,628**	**3035**	**101**	**238**
St. Kitts & Nevis				
V47KP	**6,824,720**	**6546**	**107**	**383**
AFRICA				
Canary Islands				
AO8A	**29,114,691**	**12089**	**160**	**683**
Gambia				
C5ØC	**27,630,123**	**12037**	**162**	**655**
South Africa				
ZS9X	**6,923,028**	**4889**	**120**	**391**
Swaziland				
3DAØWW	**6,053,618**	**4519**	**121**	**381**
ASIA				
Armenia				
EKØB	**9,745,145**	**6879**	**98**	**447**
Asiatic Russia				
RK9CZO	53,406	254	24	62
UAØAZA	**2,256,844**	**2624**	**105**	**323**
China				
B4B	**696,864**	**1686**	**96**	**176**
B3C	**462,150**	**1661**	**80**	**145**
Cyprus				
P3F	**15,277,836**	**7494**	**148**	**613**
C4I	**6,846,546**	**3874**	**134**	**535**
Hong Kong				
VR2C	**3,737,461**	**4441**	**129**	**340**
Israel				
4XØV	**9,949,404**	**6011**	**126**	**502**
Japan				
JA1YPA	**2,637,704**	**2498**	**127**	**297**
South Korea				
D9K	**327,672**	**1087**	**73**	**149**
EUROPE				
Austria				
OE5CWL	64,395	289	37	122
Bosnia-Herzegovina				
T93J	**10,662,225**	**8372**	**156**	**649**
Czech Republic				
OL1X	**4,348,536**	**3797**	**132**	**576**
OK1OUE	1,047,045	2382	81	334
England				
M2W	**1,733,312**	**3048**	**90**	**421**
G4UJS	**1,570,194**	**2073**	**89**	**409**
G4IIY	977,600	1361	86	384
G8D	616,691	1276	70	283
Estonia				
ES1A	**344,763**	**809**	**76**	**263**
European Russia				
RK3YZA	**442,816**	**1029**	**66**	**308**
Finland				
OF4A	**4,212,503**	**4535**	**135**	**518**
France				
F5ODA	**1,236,466**	**2760**	**89**	**345**
Germany				
DQ4W	**6,157,164**	**5034**	**148**	**606**
DR5Z	**4,324,596**	**3676**	**137**	**594**
DP6A	**4,011,032**	**3556**	**135**	**581**
DR2W	1,995,430	3080	98	423
DLØWH	1,134,540	1497	109	464
DL3G	214,210	721	61	249
ITU HQ Geneva				
4U1WRC	**1,847,010**	**3343**	**83**	**352**
Italy				
IR4X	**15,502,044**	**9104**	**168**	**711**
IR5A	1,049,364	1824	85	327
Netherlands				
PI4FRG	**277,056**	**704**	**64**	**232**
Norway				
LN8W	**4,000,542**	**4452**	**116**	**547**
San Marino				
T7ØA	**7,075,504**	**8116**	**124**	**528**
Sicily				
IR9P	91,164	381	45	168
Slovakia				
OMØM	**5,215,804**	**4607**	**151**	**597**
Slovenia				
S52ZW	**4,313,570**	**4037**	**138**	**592**
Spain				
EE2W	**5,936,068**	**5590**	**142**	**559**
AM5R	**4,170,084**	**4834**	**134**	**533**
EB1WW	**3,206,142**	**4460**	**100**	**386**
AM1A	1,226,880	2191	81	351
AO1O	1,200,480	2088	81	329
EG4WW	55,980	340	36	144
Switzerland				
HB9BLQ	**3,778,236**	**3886**	**131**	**527**
OCEANIA				
Australia				
VK1CC	**2,094,448**	**2561**	**99**	**217**
VK4WR	**1,733,501**	**2020**	**105**	**224**
VK6ANC	377,600	673	78	158
VK2ATZ	201,951	565	69	102
Hawaii				
AH6XX	**3,221,152**	**3340**	**123**	**229**
Indonesia				
YBØZZ	**2,278,800**	**2199**	**115**	**285**
Mariana Islands				
AHØBT	**2,044,341**	**2423**	**108**	**195**
New Zealand				
ZM2M	**2,402,167**	**2682**	**115**	**234**
Philippines				
DX1DBT	**427,800**	**985**	**66**	**118**
SOUTH AMERICA				
Argentina				
LS2D	**4,059,048**	**3854**	**113**	**331**
Brazil				
PY2NA	**1,473,960**	**1545**	**96**	**259**
Colombia				
5K4C	10,660	93	30	52
Galapagos Islands				
HC8N	**27,743,450**	**12637**	**165**	**610**
Netherlands Antilles				
PJ4E	**18,789,080**	**10011**	**150**	**530**
PJ2T	**13,046,616**	**8059**	**134**	**460**
Uruguay				
CV5D	**1,967,190**	**2459**	**88**	**257**
MULTI-OPERATOR				
MULTI-TRANSMITTER				
NORTH AMERICA				
United States				
K3LR	**16,925,727**	**8344**	**169**	**664**
KC1XX	**16,330,230**	**7962**	**158**	**647**
W3LPL	**12,533,290**	**6568**	**159**	**635**
NQ4I	**8,689,920**	**4980**	**157**	**573**
K1TTT	**8,090,907**	**4847**	**148**	**571**
W3PP	**5,391,372**	**3274**	**132**	**504**
KB1H	5,083,584	3127	139	525
K1RX	4,574,436	2915	131	487
W4MYA	3,549,442	2287	137	510
W0AIH/9	**1,899,368**	**1712**	**130**	**418**
K8EX	**1,512,885**	**1412**	**123**	**396**
W2YC	**1,377,556**	**1155**	**103**	**379**
AC4RC	173,376	407	63	189
Antigua & Barbuda				
V26B	**20,678,280**	**12323**	**148**	**573**
Canada				
VE5RI	**646,425**	**1765**	**68**	**127**
Grenada				
J3A	**8,163,616**	**7152**	**122**	**429**
Jamaica				
6Y1V	**15,461,181**	**11056**	**143**	**514**
Turks & Caicos				
VP5T	**8,101,564**	**7487**	**115**	**409**
Virgin Islands				
WP2Z	**11,481,600**	**8144**	**135**	**489**
AFRICA				
Madeira Islands				
CQ9K	**25,935,957**	**10609**	**168**	**705**
Tunisia				
TS6A	**27,154,904**	**11763**	**161**	**651**
ASIA				
China				
B7P	**3,958,720**	**3960**	**145**	**411**
B1Z	**2,196,357**	**3376**	**127**	**294**
Japan				
JR5VHU	**6,148,336**	**4192**	**159**	**437**
JA3YBK	**5,744,340**	**3962**	**152**	**430**
JA7YRR	**3,955,068**	**3247**	**140**	**346**
Taiwan				
BV2B	129,270	749	55	84
EUROPE				
Austria				
OE2S	**8,150,004**	**6913**	**158**	**670**
Belgium				
OT5A	**11,060,052**	**9602**	**160**	**653**
Bulgaria				
LZ9W	**10,229,700**	**8967**	**156**	**637**
Dodecanese				
SX5P	**5,551,744**	**5762**	**139**	**565**
France				
TM6M	**12,314,808**	**9195**	**150**	**642**
Germany				
DR1A	**16,111,326**	**11268**	**166**	**737**
DFØHQ	**14,486,344**	**10791**	**172**	**754**
DLØNT	389,760	878	72	276
Liechtenstein				
HBØ/HB9AON	**5,017,761**	**6246**	**99**	**474**
Lithuania				
LY7A	**5,462,544**	**6368**	**133**	**585**
Netherlands				
PA6Z	**6,795,799**	**6472**	**143**	**608**
PI4COM	**5,200,719**	**5112**	**131**	**570**
PI4CC	**3,421,898**	**3922**	**124**	**550**
Scotland				
GM2T	**4,416,448**	**5527**	**109**	**495**
GM6NX	531,980	1263	66	269
Soveign Military Order of Malta				
1A3A	**12,240,173**	**11842**	**141**	**628**
Sweden				
SK6D	**768,416**	**1654**	**77**	**330**
SC3ØØVL	179,214	574	46	192
Ukraine				
UZ1H	**1,367,982**	**1953**	**107**	**410**
Wales				
MW5W	**3,717,888**	**4988**	**105**	**459**
OCEANIA				
Hawaii				
KH7X	**12,097,648**	**8035**	**166**	**382**
SOUTH AMERICA				
Brazil				
PY2AA	**608,163**	**1163**	**66**	**153**
Chile				
CE1W	**1,940,540**	**2420**	**99**	**235**
XR5JA	621,500	1202	59	167
Venezuela				
YV4A	**4,968,825**	**4017**	**119**	**366**

Check Logs

The following logs were used as check logs. Check logs are always appreciated. 4L1UN, 8P2K, BG5RAS, CU2DX, CU2JT, DB4RC, DG1BQC, DK3PM, DL1DUO, DL1KLO, DL1KUR, DL2HRE, DL3TC, DL5MG, DL7UCX, DL7UMG, DL8UKE, DL9MRF, DM5JL, EA1DKF, EA2BEP, EA3BJM, EA3KT, EA7GBD, EA7GV, EI3GYB, EI7JK, ES6CO, ES6RMR, F1SMV, F5AAR, F6APJ, F6DZU, F6HJO, FG/F6HLC, G3NXT, G3RWL, G3UHU, G4MCF, GIØOUM, GU8ITE, HAØDU, HA1SN, HA5AZZ, IR8Z, IV3PGQ, IZ5MMB, IZ5MOQ, KØTG, K4DXU, L81H, LA4OGA, LA4QR, LA5BBA, LA6BNA, LA6PBA, MØDYI, MØMQV, MØRTI, NØFW, OE6IMD, OH1PY, OK1DMP, OK1FAI, OK2PCL, OK2SG, OK7RJ, OL5Q, OM4F, P43E, PD1EVL, PYØFF, PY2RDS, RAØALM, RA3AD, RA3XDX, RA6EE, RK9JYY, RN6FK, RU1AT, RU3EJ, RU4WE, RU6YY, RV3AMV, RV6FG, RV9MA, RW3CW, RW4FX, RW6AF, RW9UNT, RX1AA, SA2Z, SM4W, SM6CNN, SP2FAV, SP2HPD, SP2QCU, SP3FLQ, SP3YM, SP5AAJ, SP5BUJ, SP5BYC, SP5GDY, SP5ICS, SP6BBE, SP6CZ, SP6KFK, SP6XP, SP7CVW, SP8AJK, SP8BWE, SP8EEX, SP9CVY, SP9EWM, SP9RHN, SQ1EIC, SQ7JZO, SQ8MFX, SQ9E, SV2FLQ, UAØSC, UA3RAW, UA6GU, UA9CSA, UA9MD, UA9PM, UR4UGL, UR7QM, UT8LO, UUØJC, UU2JG, UZ2HZ, VE2TZT, VE2Z, VE3FH, VP9AD, W2NSF, W9WI, WS4C, YL2TD, YL5T, YO2CMI, YO3FOM, YO4AB, YO5BFJ, YO6BZL, YO6KNE, YO9FL, YO9FNP, YT2AAA, ZB2FK.