Results of the 2008 CQ WW WPX SSB Contest

BY RANDY THOMPSON,* K5ZD

On the weekend of March 29 and 30, 2008, over 41,000 amateur radio callsigns were active in the 50th running of the CQ World-Wide WPX SSB Contest. Conditions weren't the best, but that didn't prevent participants from breaking score records or having lots of fun.

The sun tried to do its part to help, with sunspot numbers approaching the 80s, but conditions got ugly as the contest began. The north-south paths were there, but working east and west between the population centers was difficult. At times, the contest divided into regional affairs with contacts only possible between local stations. With one point for contacts between stations in the same country, top scorers could continue to make points even as DX rates slowed.

It's prefixes that make the WPX Contest so much fun. You never know what the next station on the dial will be. Some of the more interesting calls included 9UXEV, 4D75T, 5D5A, 9A5ØKDE, A73A, HB1ØDX, HG1848I, LZØ5ANT, LZØ8IPY, R35NP on a floating ice station near the North Pole, S566D, TB37F, V48M, VQ59W, XR6T, and ZV5K, to name just a few. While it's fun to chase exotic prefixes, working that first W5 or JA7 can bring just as much boost to the score. This means everyone gets to experience being both the hunter and the hunted! The top two hunters this year were multi-multi stations DR1A with 1389 prefixes and AO8A with 1387.

Claudio, LU7DW, takes a walk in the snow at VE3RM.

Single-Operator All-Band

Tom, W2SC, working from Barbados as 8P1A, made it three in a row for world high score in the Single-Operator All-Band category. With almost 5600 contacts and over 1200 prefixes, Tom missed breaking his own North American record by less than 27,000 points (that's about one tenth of one percent!). Just a few islands away, a strong second place world score was turned in by Ivan, OM3LA, operating from Guadeloupe as FG/OM3LA. Less than 200k points behind in third was CT9L operated by Helmut, DF7ZS. How bad were conditions? None of the top three made any contacts on 10 meters! Fourth place went to Hrane, YT1AD, operating once again from 3V8BB in Tunisia. AE6Y also returned to P49Y to take fifth overall. Two close races filled out the world top ten. PY2NY took the wheel at PS2T to finish just ahead of PY2YU for sixth, while in Canada, the battle between John, VE3EJ, and Ron, VE3AT, operating as VB3E, came down to log checking and QSO points, with EJ taking the win.

In the world low power classification, Andy, KK9A, piloted P4ØA to a wide margin of victory and a score that would have placed him fourth in the high power category! His 15-million point score also raises the low power world record by almost a million points. Second place was earned by Didier, FY5FY. Ted, HI3TEJ, used his contest call HI3T to finish a close third.

Competition for tops in the USA was intensified by a number of operators seeking to earn qualifying points for the 2010 World Radiosport Team Championship. When all the yelling was over, Jeff, K1ZM, took top honors operating from his Cape Cod location. A little over a million points back was a close race for second place between Ken, K4ZW, operating from NR4M using the call KN1DX, and Alex, LZ4AX, operating from K3CR using the call KC3R (got all that?). Both submitted extremely accurate logs (less than 3.7% score reductions), leaving the margin of victory based on Ken finding a few extra multipliers. Krassy, K1LZ, finished off the pack of top scores in fourth. George, K5TR, in Texas had the top score away from the Eastern Seaboard.

With perennial winner N1UR traveling, the chase for top low power USA score was between four stations in different parts of the country. Bud, W3LL, operating from Maryland used 40 meters very effectively to take the win. Ed, NX7TT, made a great effort from KØUK in Colorado to grab second. Less than 100k points behind was Terry, KS9K, operating from the station of N4TZ in Indiana. Finishing out the top pack was Thomas, WD5K, located in Texas.

Andy, G4PIQ, operated M6T to the top Single-Operator score for Europe. He used some of his 12 hours of off-time to repair antennas and amplifiers, so it was not an easy weekend. Second place went to OK5R, operated by Jiri, OK1RI, who struggled with difficult conditions to the USA on the first day. Close behind was Felipe, CT1ILT, using the call CS2T. Felipe took advantage of his location in the south and west of Europe to find 15 meters open the USA, but not with enough activity to move him up in the standings. Anti, HA3OV, worked single op from the big station of HG6N in order to earn qualifying points for WRTC, and finished fourth. The center of Europe was well represented, with impressive scores from S5ØA, OM3BH, and HG8R. OG8X and OG6A turned in very nice scores from the top of Europe.

The lower power competition in Europe was dominated by stations from the south.

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John, KK9A, set a new world record in the SOAB low power category from P4ØA.

Manuel, EC7ANC, operates single band 40 meters as AM7M.

Lorenzo, IZ2FOS, broke 2-million points to take the top spot. Valentin, S53EA, used the station of S59AA to finish in second. Zik, YT1HA, led a close race between F4FLQ and OK1WCF.

In the Single-Operator Assisted category, Wanderly, PY2MNL, operated as ZX2B to earn 9.5-million points and garner the top score. Close behind was Braco, E77DX, who took first place in Europe. Third place went to Ramon, LU5HM, operating at LP1H. Kamal, N3KS, returned to WY3P to repeat as USA winner and finish fourth in the world. Yuri, UA9AM, activated the call RG9A to finish fifth overall. Among the single band assisted entries, Claudio, IW2HAJ, operated IR2C to a new world record on 80 meters.

Single-Operator Single-Band

Ten meters can be a lonely place in this part of the sunspot cycle, but contests seem to bring the band to life. John, LU1HF, won world high on 10 meters for the fourth year in a row! He had some competition

WORLD TOP SCORES

SINGLE OPERATOR ALL BAND

8P1A (W2SC)	20,533,584
FG/OM3LA	16,105,188
CT9L (DF7ZS)	15,981,472
3V8BB (YT1AD)	13,999,022
P49Y (AE6Y)	13,539,890
PS2T (PY2NY)	11,390,195
PY2YU	10,978,420
VE3EJ	10,756,686
VB3E (VE3AT)	10,310,760
4LØA (4L4WW)	10,017,060

28 MHz

LU1HF	1,665,198
PP5EG (PY5EG)	1,383,694
KG6DX	247,217
PP5WG	197,568
CX4DX	177,540
KJ5W (W5PR)	100,110
VK8AA	66,462
S57S	48,444
JH6AUS	33,803
NA4W	21,021

21 MHz

ZX5J (PP5JR)	14,740,056
PY1KN	3,642,254
PX2T (PY2DN)	2,370,700
9A5Y (9A3LG)	1,248,650
9A4W	991,800
VR1ØXMT	816,540
JA3YBK (JS1PWV)	800,384
IU3X (IV3SKB)	796,060
YT7Z (YT7EI)	526,095
EA5DFV	514,206

14 MHz

CN2R (W7EJ)	15,778,840
PT5A (W6NV)	6,424,096
TM1W	4,473,924
S5ØK	4,442,844
W7WA	4,054,754
4Z4OQ	3,983,984
R3K	3,882,440
LY8O (LY1PM)	3,454,052
S57AL	3,120,816
UZ8M (USØMR)	3,064,094

7 MHz

ZL3A (ZL3WW)	8,200,800
YT8A	5,197,840
LN9Z (LA5KO)	2,089,542
NY6N (W6YI)	2,038,192
SP4TKR	1,822,266
S56X	1,813,089
YU3AA	1,561,824
IZ1GAR	1,164,096
EA3ATM	1,030,806
AH6JR	989,682

3.7 MHz

SN7Q (SP7GIQ)	2,969,645
H22H (5B4MF)	2,432,692
ZF1A (ZF2AH)	2,269,344
S52AW (S52RU)	2,107,380
OK2BYW	1,788,534
9A6A	1,684,256
9A3B (9A2VR)	1,244,740
SP7HKK	1,126,428
ND8DX	1,026,836
9A5D (9A3ID)	956,823

1.8 MHz

LY2IJ	669,108
YT6T (YU7CM)	359,822
DL1SWB	204,614
CM6RCR	186,399
SP1GZF	177,480
OM7RU	165,436
K9NW	108,129
W2MF	99,006
AA4MM	93,019
RA6DB	84,597

LOW POWER SINGLE OPERATOR ALL BAND

*P4ØA (KK9A)	15,484,383
*FY5FY	8,500,401
*HI3T (HI3TEJ)	6,928,198
*TC3D (TA3D)	6,757,972
*VQ58V (W5CW)	5,951,071
*CN2BC (DL7BC)	4,698,149
*7Z1SJ	3,767,244
*IZ2FOS	2,706,688
*LU1HLH	2,537,808
*S53EA	2,296,193

28 MHz

*PY2CX	305,487
*LU6FOV	255,840
*PY2SRB	109,650
*LW1HR	71,136
*PU2MTS	48,250
*IWØHBY	32,508
*BG7NWF	28,014
*YY1JGT	27,642
*PY2ZY	20,169
*EC7AKV	17,821

21 MHz

*YE1AA	2,673,376
*LQ5H	2,277,347
*LU7KAT	2,116,752
*6V7E (RW3TN)	1,353,905
*YB3KM	1,002,375
*YV1CTE	917,350
*CX8AT	699,205
*YC5OUB	597,012
*JA6WFM/HC5	528,048
*HP1BYS	361,665

14 MHz

*WP3C	2,372,700
*EB7DX	2,178,000
*PD1DX	1,539,163
*9A5ØKDE (9A1AA)	1,513,400
*YU5RA	1,183,507
*ED8D (EA8BHD)	1,069,076
*HG3DX (HG3M)	847,476
*4L2M	843,480
*S57RTH	723,008
*YT3MA	658,815

7 MHz

*XE1CQ	1,607,522
*LZ5W	1,057,707
*E77DO	780,858
*SN3X	690,135
*EC5CSW	409,370
*IZ5DKJ	355,946
*PP5KR	348,936
*EA1JJ	310,534
*G7TWC	294,465
*S5ØB	293,715

3.7 MHz

*YU3A (YT2RX)	641,346
*OL5J (OK1RZ)	558,298
*3Z1ØUM (SQ9UM)	541,320
*YU5B	528,200
*RV3WT	492,156
*F5BEG	468,096
*YUØU	431,395
*OM7AB	409,968
*S57O	407,640
*UU2JM	374,958

1.8 MHz

*HA8BE	229,457
*LY2OU	180,648
*S52OT	180,389
*VE3MGY	109,361
*SQ9HZM	95,445
*YMØT (TA2RC)	94,518
*YO5PBF	93,930
*US8ICM	59,356
*OL6P (OK2WTM)	41,396
*ER3HW	36,816

QRP/p

OK7CM	A	489,342
S59D	A	402,500
S57SU	A	333,086
IZ1ANK	A	213,850
US2IZ	A	178,176
YP8A	A	171,105
HR2DX	A	157,755
RZ6MP	A	140,896
NAØCW/6	A	138,402
DJØMY	A	131,054
I5KAP	28	11,907
JH7RTQ	21	54,400
HR2DX	14	157,755
S57SU	7	333,086
US2IZ	3.7	178,176
RN3ZJJ	1.8	21,952

SINGLE OPERATOR ASSISTED

ZX2B (PY2MNL)	A	9,533,793
E77DX	A	8,715,798
LP1H (LU5HM)	A	7,091,045
WY3P (N3KS)	A	6,660,726
RG9A (UA9AM)	A	6,656,136
YT2T	A	4,979,676
RK4FD	A	4,753,098
YR9P (YO9HP)	A	4,495,568
UP4L (UN7LZ)	A	4,284,714
IQ2CJ (IK2NCJ)	A	3,701,335
*PU1KGG	28	70,880
ZS6DXB	21	2,397,668
IQ2CJ (IK2NCJ)	14	3,701,335
ES5RW	14	2,257,717
UW8I (UT2IZ)	14	2,136,888
UZ7M (UT9MZ)	7	2,390,166
IZ8FWN	7	1,703,592
IR2C (IW2HAJ)	3.7	2,380,644
IC8TEM	1.8	162,675

TRIBANDER/SINGLE ELEMENT

CT9L (DF7ZS)	A	15,981,472
HG8R (HA8JV)	A	6,211,205
FY1FL	A	4,784,856
*CN2BC (DL7BC)	A	4,698,149
EA6SX	A	4,284,054
CT1DIZ	A	3,875,040
CE4CT	A	3,690,225
AY8A (LU8ADX)	A	3,120,834
YJ8TZ (VK3TZ)	A	2,776,869
KJ4VO (N4PN)	A	2,451,417
S56M	A	2,388,100
KG6DX	28	247,217
*JA6WFM/HC5	21	528,048
Z35X	21	477,356
4Z4OQ	14	3,983,984
EA5KV	14	2,273,810
*LY2MM	7	229,457
VA6XDX	7	119,980
SP7HKK	3.7	1,126,428
*3Z1ØUM	3.7	541,320
*VE3MGY	1.8	109,361

ROOKIE

NHØDX	A	2,411,046
OT2A	A	2,220,288
IZ1LBG	A	2,115,280
RN3ZC	A	1,524,772
W1GUS	A	1,374,080
UA6YIU	A	1,361,835
*EA8CDI	A	996,710
*IZ3KKE	A	702,093
IW3SSA	A	652,080
*RK9AJZ	A	502,920
*HI8PJP	28	3,379
*YY5LI	21	233,160
OM7ANB	14	569,296
*UA1AQA	14	377,235
*EC5CSW	7	409,370
PV2P (PY2DY)	7	188,188
IW3SSA	3.7	652,080
*RK2FXG (RA2FIR)	1.8	11,520

MULTI-OPERATOR SINGLE TRANSMITTER

5D5A	33,066,880
P33W	26,089,327
CQ95F	23,507,296
ZY7C	20,940,736
CQ3T	18,009,992
C4N	17,440,784
9K2HN	15,858,564
PJ2T	14,485,378
KP2TM	14,190,228
TM6M	14,075,078

MULTI-OPERATOR TWO TRANSMITTER

6Y1V	29,018,014
9A6ØA	16,471,710
ES9ØC	13,724,640
C4I	13,615,875
WE3C	12,916,452
HG8ØHQ	12,871,896
UU7J	11,789,823
KD4D/3	10,680,336
OL7R	9,949,407
YT9X	9,917,964

MULTI-OPERATOR MULTI-TRANSMITTER

AO8A	43,180,084
DR1A	22,340,676
LT1F	21,812,848
OT5A	16,285,416
YW4M	15,813,406
LZ9W	14,928,360
NQ4I	12,051,526
LY7A	8,371,200
EB1WW	7,711,155
NR6O	7,176,202

**Low Power*

from Oms, PY5EG, operating as PP5EG. Both managed to find more than 1000 contacts on what seemed like a dead band. Joel, KG6DX, took advantage of being south of Japan to earn third place. W5PR used the call KJ5W to make 308 contacts and win the USA.

Sergio, PP5JR, delivered a dominating performance on 15 meters from ZX5J. His 4255 contacts and 1242 prefixes raise the South American record by over 1-million points. Second- and third-place finishers Marcelo, PY1KN, and Roberto, PX2T, gave Brazil all three places on the podium. In Europe, 9A5Y and 9A4W had almost identical QSO totals, but it was the extra multipliers that gave 9A5Y (operator 9A3LG) the win. VR1ØXMT beat JA3YBK for tops in Asia. NR5M got past WN1GIV for the top USA score.

When conditions are poor, everyone seems to end up on 20 meters. Stations are stacked two or three deep across the band from sunrise until midnight. Into this maelstrom stepped Jim, W7EJ, operating as CN2R from his well-equipped station in Morocco. After 4429 contacts and 1199 multipliers, Jim captured his fourth single-band world record. Oliver, W6NV, did a great job from PT5A in Brazil, but had to settle for second. Marc, TM1W, and Marko, S5ØK, ended in a photo finish for top score in Europe. After log checking, TM1W earned the win by less than 30k points. Dan, W7WA, finished fifth overall for another convincing victory among USA entrants. 4Z4OQ was close behind and represented the fifth continent among the top six scores!

As we checked logs from around the world, there was one call that seemed to show up in almost all of them. That call was ZL3A, operated by Dule, ZL3WW. Operating single band 40 meters from Auckland, New Zealand, Dule worked almost 1800 contacts for a new Oceania record. Dusan, YT8A, worked over 2000 contacts to win Europe over LN9Z, operated by Roy, LA5KO. In the USA, NY6N, operated by Jim, W6YI, broke one of the oldest records in the books—USA single-band 40 meters held by KC7EM from 1995. What's really amazing is that Jim only worked three European stations all weekend!

Eighty meters saw an interesting competition between stations on three continents. With 1696 contacts and 713 prefixes, Chris, SN7Q, took the trophy. Spyros, 5B4MF, operating H22H from Cyprus, made half as many contacts, but took advantage of the higher points per contact to take second place. ZF1A finished third overall, but enjoyed setting a new North American record.

Log Checking Honor Roll

A major goal of log checking in any contest should be to confirm that the winners are truly the winners. This year the CQ WPX Contest used new log-checking software developed by Ken, K1EA. Of the 1,791,048 QSOs reported in the 3728 logs received, over 93% were cross checked against other logs. Callsign errors resulted in a loss of the contact plus a penalty of one additional contact. Errors in copying numbers, band-change violations, or operating beyond the permitted time resulted in a loss of the contact. With so many multipliers, any lost QSO could hurt even more with the loss of a multiplier.

Looking at the score reductions, it should be no surprise that the operators near the top had some of the most accurate logs. The top 20 Single-Operator All-Band entries had an average score reduction of only 4.6% after penalties. The average for *all* Single-Operator entrants was 11.2%. We urge every competitor to use these results as a benchmark for measuring their personal progress toward operating perfection. Detailed log-checking reports can be requested by sending an e-mail to <k5zd @cqwpx.com>.

Speaking of perfection, there were 289 golden logs—i.e., perfect with no score reductions. The top five golden log scorers (with number of contacts) were K9JE (346), VE3BVA (254), OE3DMA (241), PE1FTV (232), and BG4DVK (223).

It takes two to tango and two stations to make a QSO. There were 134 entries that caused no errors in other logs. The top scores among these golden transmitters were K6GEP (191), UA9CIR (103), OL4W (95), K6VFF (77), and K3ISH (71).

Will we see your call in this list next year?

TROPHY WINNERS AND DONORS

SINGLE OPERATOR ALL BAND

WORLD: Stanley Cohen, W8QDQ Trophy. Won by: **8P1A operated by Tom Georgens, W2SC**
WORLD Low Power: Caribbean Contesting Consortium Trophy. Won by: **P40A operated by John Bayne, KK9A**
WORLD QRP/p: Phil Krichbaum, NØKE Trophy. Won by: **Antonin Bechyna, OK7CM**
WORLD Tribander/Single Element: Helmut Mueller, DF7ZS Trophy. Won by: **CT9L operated by Helmut Mueller, DF7ZS**
USA: Atilano de Oms, PY5EG Trophy. Won by: **Jeffrey T. Briggs, K1ZM**
USA Low Power: Terry Zivney, N4TZ Trophy. Won by: **Bud Governale, W3LL**
USA QRP/p: Doug Zwiebel, KR2Q Trophy. Won by: **NAØCW/6 operated by Bill Parker, W8QZA**
USA Zone 4 High Power: Society of Midwest Contesters Trophy. Won by: **George Fremin III, K5TR**
USA Zone 4 Low Power: Society of Midwest Contesters Trophy. Won by: **Ed Campbell, NX7TT/Ø**
USA Tribander/ Single Element: Paul Newberry, N4PN Trophy. Won by: **KJ4VO operated by Paul H. Newberry, Jr., N4PN**
CANADA Low Power: Contest Club Ontario Trophy. Won by: **Ken Tucker, VO1KVT**
AFRICA: Peter Sprengel, PY5CC Trophy. Won by: **3V8BB operated by Hranislav Milosevic, YT1AD**
EUROPE: Jim Hoffman, N5FA Trophy. Won by: **M6T operated by Andy Cook, G4PIQ**
NORTH AMERICA: Albert Crespo, F5VHJ Trophy. Won by: **FG/OM3LA operated by Dr. Ivan Dobrocky, OM3LA**
SOUTH AMERICA: Andrew Faber, AE6Y Trophy. Won by: **P49Y operated by Andy Faber, AE6Y**
OCEANIA: Phillip Frazier, K6ZM Memorial Trophy. Won by: **9M8Z operated by Steve Telenius-Lowe, 9M6DXX**
JAPAN: Hamad Alnusif, 9K2HN Trophy. Won by: **Masaki Okano, JH4UYB**
NORTH AMERICA QRP/p: Phil Krichbaum, NØKE Trophy. Won by: **Antonio Handal, HR2DX**

SINGLE OPERATOR, SINGLE BAND

WORLD: Steve Merchant, K6AW Trophy. Won by: **CN2R operated by James P Sullivan, W7EJ**
WORLD 14 MHz: Jorge Taboada, EA9LZ Trophy. Won by: **PT5A operated by Oliver Sweningsen, W6NV**
WORLD 7 MHz: Jorge Taboada, EA9LZ Trophy. Won by: **ZL3A operated by Dusko Dumanovic, ZL3WW**
WORLD 3.7 MHz: Tom Haavisto, VE3CX Trophy. Won by: **SN7Q operated by Krzysztof Sobon, SP7GIQ**
EUROPE 28 MHz High Power: SKY Contest Club Trophy. Won by: **Aleksander Zagar, S57S**
EUROPE 21 MHz High Power: SKY Contest Club Trophy. Won by: **9A5Y operated by Zvonimir Karnik, 9A3LG**
EUROPE 14 MHz High Power: SKY Contest Club Trophy. Won by: **Sentuc Marc, TM1W**
EUROPE 7 MHz High Power: SKY Contest Club Trophy. Won by: **Dusan Ceha, YT8A**
EUROPE 3.7 MHz High Power: SKY Contest Club Trophy. Won by: **S52AW operated by Karl D. Bucar, S52RU**
EUROPE 1.8 MHz High Power: SKY Contest Club Trophy. Won by: **Arunas Vaglys, LY2IJ**

SINGLE OPERATOR ASSISTED

EUROPE: Martin Huml, OL5Y Trophy. Won by: **E77DX operated by Emir Braco Memic, OE1EMS**

MULTI-OPERATOR, SINGLE TRANSMITTER

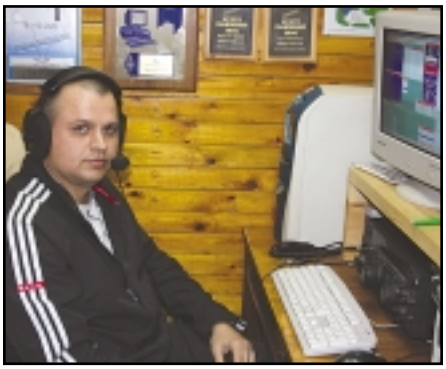
USA: Steve Bolia, N8BJQ Trophy. Won by: **K3EST/4 operated by K3EST & KT3Y**
ASIA: W2MIG Memorial (NX7TT Sponsor) Trophy. Won by: **P33W operated by RW4WR, RX3DCX, RA3AUU**
USA Zone 4: Mike Fatchett, WØMU Trophy. Won by: **NX5M operated by NX5M, KU5B, AB5K, K5GA, N5XJ**

MULTI-OPERATOR, TWO TRANSMITTER

WORLD: Ken Adams, K5KA Trophy. Won by: **6Y1V operated by KY1V, K6AM, W4PA, WE9V**
USA: FCG, Florida Contest Group Trophy. Won by: **WE3C operated by K3CT, KQ3V, N3FTI, NM3E, NN3Q, W2GD, W3FV, W3PA, WB3FIZ, WE3C**

MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Gail Sheehan, K2RED Trophy. Won by: **AO8A operated by EA8AH, EA8CAC, EA8ZS, N5ZO, TF3CW, ES2RR, OH2MM, OH2KI, OH2ZZ**
USA: Rick Dougherty, NQ4I Trophy. Won by: **NQ4I operated by NQ4I, WI4R, K4PK, K4NV, VE7ZO, WB4A, W5LE, K4BAI, K5KG, KF4GTA, KØEJ, KU1CW**



Vlad, UU5MAF, operating Multi-Operator Two Transmitters at UU7J.

The top USA score was submitted by Karl, ND8DX, who outpaced WI4R, operated by Mark, W4SVO.

Arunas, LY2IJ, spent his weekend calling CQ and listening to noise on 160 meters to earn the top score in the world. It was a close three-station race in the USA with Mike, K9NW, finishing ahead of Manny, W2MF, and Leo, AA4MM.

QRP

What kind of person steps into the poor conditions and SSB splatter while running only 5 watts? Well, there were at least 128 of them who submitted logs in the QRP category. The top all-band score was by Antonin, OK7CM, who finished just ahead of Janko, S59D. Both made more than 500 contacts and 300 multipliers—quite an accomplishment! Bill, W8QZA, operated NAØCW/6 to just squeak by Eric, N2RRA, and Chas, K3WW, for the top USA score.

Tribander/Single Element

The tribander/single-element classification is designed to compare scores from similarly equipped stations. Helmut, CT9L, took advantage of his island location to easily win the category and set a new world record for the category! Pali, HA8JV, worked as HG8R to finish tops in Europe and second overall. It was a close three-way race among FY1FL, CN2BC, and EA6SX for spots three through five. In the USA, Paul, N4PN, repeated as the champion, this time operating with the call KJ4VO. Close behind were K4PV and NF4A.

Rookie

The Rookie category is for operators who have been a licensed amateur radio operator for less than three years. Newcomer Koji, NHØDX, scored an impressive 2.4-million points to take the lead. Just behind in second was last year's winner, Patrick, OT2A, in his last year to be eligible for the category. IZ1LBG was only 100k points behind for third place.

Multi-Operator Single-Transmitter

Last year, the two-person team of IK2QEI and IK2SGC operated as 5D5A in Morocco and made over 6000 contacts to finish just short of the world record in the Multi-Single category. This year, they returned to try again – working over 6300 QSOs and 1342 multipliers – only to miss the record by less than 400k points. Even so, this is a great score given the conditions. Second place went to the Russian team of RW4WR, RX3DCX, and RA3AUU operating as P33W. Third place was an all CT3 team operating with the special contest call CQ95F from Madeira. ZY7C finished a strong fourth from northeastern Brazil. Multi-Single is probably the most competitive category in the contest with 21 stations making more than 3000 contacts! In the USA, K3EST/4 led a virtual three way tie among WU3A/1, WR3Z, and NX5M.

Multi-Operator Two-Transmitter

In the Multi-Operator Two-Transmitter category, the four-man team of KY1V, K6AM, W4PA, and WE9V operating at 6Y1V exceeded their goals and broke the North American record on the way to making the world high score. The next places were held by two of the most miscopied calls in the contest: 9A6ØA (operating from 9A7A) beat ES9ØC (operating from ES5TV) for high score in Europe. The group at C4I took fourth.

A group of ten operators at WE3C finished off a three-year progression where they moved from third, to second, and now to first place in the USA. Last year's winner KD4D (operating from N3HBX) fell back to second.

Multi-Operator Multi-Transmitter

AO8A set the standard for the Multi-Multi cat-

USA TOP SCORES

SINGLE OPERATOR ALL BAND

K1ZM	8,316,563
KN1DX/4 (K4ZW)	7,147,845
KC3R (LZ4AX)	6,829,005
K1LZ	6,468,150
NC1I (K9PW)	4,774,728
W1UE	4,478,656
NJ4M (K1TO)	4,130,420
K5TR	3,938,420
K3ZO	3,898,310
NN5J	3,329,405

28 MHz

KJ5W (W5PR)	100,110
NA4W	21,021
WZ7ZR	6,116

21 MHz

NR5M	388,440
WN1GIV/4 (N4BP)	259,402
NJ4U	202,032
KØRH	68,600
WW6OR (K6JAT)	46,443
KC7V	26,414
KØPK	17,177
AA2NA	17,017
W2RR	14,784
W6RKC	6,486

14 MHz

W7WA	4,054,754
K6HNZ	959,310
W6AFA	656,812
N2RJ	464,457
K4EU	406,747
WX6V	401,128
NQ5K (W5ASP)	370,300
W9DX/5	299,398
W6AEA/7	291,248
KG9N	213,750

7 MHz

NY6N (W6YI)	2,038,192
N4QV	511,144
WØICT	65,600
N2NS/6	24,612
W6XI/7	20,592
WA2JQK	5,832
N3TXH	4,161

3.7 MHz

ND8DX	1,026,836
WI4R (W4SVO)	850,212
W3/T98T	362,148
W3BGN	335,240
WN2O (N2GC)	241,528
KK9V	168,480
N4NX	163,530
K4KZZ	161,006
K4RDU	81,965

1.8 MHz

K9NW	108,129
W2MF	99,006
AA4MM	93,019
K1HAP	26,598
WA2AOG	1,716

LOW POWER ALL BAND

*W3LL	1,234,480
*NX7TT/Ø	1,167,720
*KS9K	1,091,748
*WD5K	1,042,056
*ACØW	909,580
*N5DO	819,680
*N4XL	719,922
*WZ8T	607,986
*W4TMN	521,389
*WB8TLI	516,880

28 MHz

*WA1FCN/4	2,688
*ND6S	1,482
*W6GMT/Ø	75

21 MHz

*ND4X	139,105
*W7UPF	39,558
*K9WZB/7	24,390
*K7MY	13,002
*W9ILY	7,748
*N5DTT	1,512
*NQ4K	1,196
*W1OHM	987
*WØIE	176

14 MHz

*KG2RG	546,939
*AD7J	252,800
*W2AW	185,724
*KZ5OH/4	163,250
*KI6LZ	148,176
*NN5Z	78,120
*WB1HBB/4	42,775
*K7ACZ	37,375
*KB5UOK	35,250
*KG1V	33,154

7 MHz

*NR8U	55,245
*N9ADG/7	12,859
*N9HDE/Ø	7,502
*KU6T	6,960
*WB8TLH	3,360
*AI3G	3,192
*N5DGK	1,768
*NT5HS	130

3.7 MHz

*KU4BP	60,941
*N7MAL	1,764
*KE7BWN	1,175
*KCØRQH	576

1.8 MHz

*K3BU/2	3,060

QRP/p

NAØCW/6 (W8QZA)	A	138,402
N2RRA	A	130,585
K3WW	A	129,789
K3TW	A	55,272
WA8WV	A	52,992
N3HU	A	42,640
N6WG	A	40,430
ADØNW/4	A	29,904
KE6K	A	22,145
KT8K	A	19,392
WA6FGV	21	8,236
K3TW	14	55,272
WB7OCV/2	7	14,308

SINGLE OPERATOR ASSISTED

WY3P (N3KS)	A	6,660,726
W5WMU	A	2,646,798
W8MJ	A	2,282,167
NF4A	A	2,168,280
N3MX	A	1,958,535
WB4MSG	A	1,940,643
AA3B	A	1,921,362
N2BJ/9	A	1,759,984
WN9O	A	1,634,556
W1GUS	A	1,374,080
KE3WM	21	9,800
K5ZO	14	487,552
W2IRT	7	178,688
N3YD	3.7	480,585

TRIBANDER/SINGLE ELEMENT

KJ4VO (N4PN)	A	2,451,417
K4PV	A	2,315,936
N2QT/4	A	1,683,856
WZ4F	A	1,585,980
KG4W	A	1,561,230
W6TK	A	1,391,698
AA5B	A	1,235,500
WAØMHJ	A	1,203,288
*WD5K	A	1,042,056
KJ3X	A	1,007,820
*WA1FCN/4	28	2,688
WW6OR (K6JAT)	21	46,443
K4EU	14	406,747
W2IRT	7	178,688
WN2O (N2GC)	3.7	241,528
*K3BU/2	1.8	3,060

ROOKIE

W1GUS	A	1,374,080
*KI4PKW	A	146,076
KB1MIC	A	140,399
*K4CX	A	126,484
KB1OWT	A	109,890
KB1ODO	A	109,610
*KBØARZ	A	93,810
KE7FBY	A	76,314
W5YAA	A	73,538
*K6DEX	A	70,144
*KS6M	14	7,381
*WB8TLH	7	3,360

MULTI-OPERATOR SINGLE TRANSMITTER

K3EST/4	6,347,900
WU3A/1	6,081,120
WR3Z	6,025,790
NX5M	5,893,424
NQ2F	3,981,516
WC6H	3,751,875
WA7XX	3,098,771
AJ9C	2,412,072
WX5S/6	1,708,643
KT4PD	1,646,970

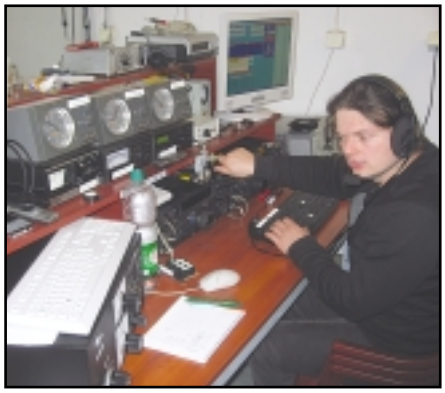
MULTI-OPERATOR TWO TRANSMITTER

WE3C	12,916,452
KD4D/3	10,680,336
KI1G	6,970,000
W1CU/6	6,854,546
NG3U	1,801,534
N2CW	497,280
W7RN	191,800
WØEBE	35,505

MULTI-OPERATOR MULTI-TRANSMITTER

NQ4I	12,051,526
NR6O	7,176,202
WX3B	4,907,747
NE1C	4,726,400
WC8VOA	211,728
W9VT	163,800

**Low Power*



Braco, OE1EMS, was the top European scorer in the SOAB Assisted category from E77DX.

egory this year. An experienced group of locals and Scandinavian visitors made over 8000 contacts on their way to the win. Second place was the well-known German call DR1A. LT1F was a new entrant in the Multi-Multi category of WPX SSB, and they did a very nice job to finish in third place. The top USA score went to the very enthusiastic group at NQ4I.

New Records

Even with the challenging conditions, new world records are available for the right operator in the right location. W7EJ at CN2R was one such combination. Jim continued his growing collection of records by capturing another band—this time 20 meters. He now holds the single-band world records for 160, 80, 40, and 20 meters. Hmm . . . I wonder what band he will work next year? P4ØA (KK9A) set a new world record for low power in the Single-Operator All-Band category. CT9L (DF7ZS) increased the world record for the Tribander/Single Element category by 100k points.

Congratulations also to these new Continental Record holders:

Asia, 3.7 MHz, H22H – 2,432,692 points

Europe, 3.7 MHz, SN7Q – 2,969,645 points

Europe, 7 MHz, YT8A – 5,197,840 points

North America, 3.7 MHz, ZF1A – 2,269,344 points

Oceania, 7 MHz, ZL3A – 8,200,800 points

South America, 21 MHz, ZX5J – 14,740,056 points

North America, Multi-Operator Two-Transmitter, 6Y1V – 29,018,014 points

Rule Changes

There are a number of rule changes for the 2009 contest. Our goal was to make the rules more specific, more aligned with other CQ contests, and in accordance with current contesting practices. The new terms of competition address the use of remote stations and self-spotting. Pay special attention to the new definitions for the Multi-Single category. We are now asking single-band entrants to submit *all* contacts made on any band during the contest period in order to help us with the log checking. The club com-

EUROPE TOP SCORES

SINGLE OPERATOR ALL BAND

M6T (G4PIQ)	9,975,816
OK5R (OK1RI)	9,315,900
CS2T (CT1ILT)	8,916,812
HA3OV	7,968,296
S5ØA	6,722,650
OM3BH	6,628,692
HG8R (HA8JV)	6,211,205
OG8X (OH6UM)	5,841,780
UW2M	5,816,635
OG6A (OH6KZP)	5,266,170

28 MHz

S57S	48,444
UU5WW	2,760
UA6AK	5

21 MHz

9A5Y (9A3LG)	1,248,650
9A4W	991,800
IU3X (IV3SKB)	796,060
YT7Z (YT7EI)	526,095
EA5DFV	514,206
TM4W (F5HRY)	491,928
UZ4E (UV5EOZ)	234,855
RL3BM	103,179
YO5BBO	68,388
UR5FAV	65,037

14 MHz

TM1W	4,473,924
S5ØK	4,442,844
R3K	3,882,440
LY8O (LY1PM)	3,454,052
S57AL	3,120,816
UZ8M (USØMR)	3,064,094
YT1BB	2,824,326
IT9STX	2,415,420
EA5KV	2,273,810
DL1Z	2,249,468

7 MHz

YT8A	5,197,840
LN9Z (LA5KO)	2,089,542
SP4TKR	1,822,266
S56X	1,813,089
YU3AA	1,561,824
IZ1GAR	1,164,096
EA3ATM	1,030,806
DJØUD	820,988
AM7M	760,914
UT7U	444,882

3.7 MHz

SN7Q (SP7GIQ)	2,969,645
S52AW (S52RU)	2,107,380
OK2BYW	1,788,534
9A6A	1,684,256
9A3B (9A2VR)	1,244,740
SP7HKK	1,126,428
9A5D	956,823
IT9RBW	950,137
SN3A	937,480
OK1W (OK2WM)	817,180

1.8 MHz

LY2IJ	669,108
YT6T (YU7CM)	359,822
DL1SWB	204,614
SP1GZF	177,480
OM7RU	165,436
RA6DB	84,597
DF2UU	77,437
OZ1AXG	42,444
YR8D (YO8DAR)	35,040
IK2DZN	31,088

LOW POWER SINGLE OPERATOR ALL BAND

*IZ2FOS	2,706,688
*S53EA	2,296,193
*YT1HA	1,873,470
*F4FLQ	1,561,716
*OK1WCF	1,534,468
*RV6LFE	1,316,714
*S59KW	1,316,641
*S51F	1,305,678
*IU9A	1,262,602
*UA4FRL	1,215,504

28 MHz

*IWØHBY	32,508
*EC7AKV	17,821
*IZ8CCW	5,500
*F5TMJ	1,863
*EC6UD	1,140
*UT1IA	644
*RW6CW	472
*UZ7HO	220
*SQ9CNN	198
*YO2LEE	192

21 MHz

*SV1UT	94,966
*IK2YGZ	94,668
*EA5EOR	83,172
*SP9DSD	71,645
*LZ2PEP	68,040
*YT1YV	62,918
*YO6CFB	59,136
*HA8TP	58,176
*UR6IJ	56,628
*SP2EXN	48,608

14 MHz

*EB7DX	2,178,000
*PD1DX	1,539,163
*9A5ØKDE (9A1AA)	1,513,400
*YU5RA	1,183,507
*HG3DX (HG3M)	847,476
*S57RTH	723,008
*YT3MA	658,815
*YT5C	601,224
*YR8B	592,740
*IW1QN	515,394

7 MHz

*LZ5W	1,057,707
*E77DO	780,858
*SN3X	690,135
*EC5CSW	409,370
*IZ5DKJ	355,946
*EA1JJ	310,534
*G7TWC	294,465
*S5ØB	293,715
*USØHZ	267,534
*LY2MM	229,457

3.7 MHz

*YU3A (YT2RX)	641,346
*OL5J (OK1RZ)	558,298
*3Z1ØUM (SQ9UM)	541,320
*YU5B	528,200
*RV3WT	492,156
*F5BEG	468,096
*YUØU	431,395
*OM7AB	409,968
*S57O	407,640
*UU2JM	374,958

1.8 MHz

*HA8BE	229,457
*LY2OU	180,648
*S52OT	180,389
*SQ9HZM	95,445
*YO5PBF	93,930
*US8ICM	59,356
*OL6P (OK2WTM)	41,396
*ER3HW	36,816
*OK1JOK	32,096
*RA6MT	13,604

QRP/p

OK7CM	A	489,342
S59D	A	402,500
S57SU	A	333,086
IZ1ANK	A	213,850
US2IZ	A	178,176
YP8A	A	171,105
RZ6MP	A	140,896
DJØMY	A	131,054
RW6HJV/6	A	123,190
IC8FAX	A	106,672
I5KAP	28	11,907
SQ4HRN	21	26,826
DJØMY	14	131,054
S57SU	7	333,086
US2IZ	3.7	178,176
RN3ZJJ	1.8	21,952

SINGLE OPERATOR ASSISTED

E77DX (OE1EMS)	A	8,715,798
YT2T	A	4,979,676
RK4FD	A	4,753,098
YR9P (YO9HP)	A	4,495,568
IQ2CJ	A	3,701,335
OG5B	A	3,574,928
YT5A	A	2,915,704
SV9GPV	A	2,750,334
YT3M	A	2,539,176
DLØWW	A	2,455,164
9A2U (9A3ZA)	28	15,795
Z35X	21	477,356
IQ2CJ (IK2NCJ)	14	3,701,335
UZ7M (UT9MZ)	7	2,390,166
IR2C (IW2HAJ)	3.7	2,380,644
IC8TEM	1.8	162,675

TRIBANDER/SINGLE ELEMENT

HG8R	A	6,211,205
EA6SX	A	4,284,054
CT1DIZ	A	3,875,040
S56M	A	2,388,100
*OK1WCF	A	1,534,468
UA6UDV	A	1,534,280
MDØCCE	A	1,471,927
OH1RX	A	1,381,788
*S59KW	A	1,316,641
*IU9A	A	1,262,602
*EC7AKV	28	17,821
Z35X	21	477,356
EA5KV	14	2,273,810
SP7HKK	3.7	1,126,428
RA6DB	1.8	84,597

ROOKIE

OT2A	A	2,220,288
IZ1LBG	A	2,115,280
RN3ZC	A	1,524,772
UA6YIU	A	1,361,835
*IZ3KKE	A	702,093
IW3SSA	A	652,080
UT6EE	A	495,670
*F4FDA	A	416,780
LA9LMA	A	381,628
*EA2COD	A	274,205
*EC7DZL	21	8,151
OM7ANB	14	569,296
*EC5CSW	7	409,370
IW3SSA	3.7	652,080
*RK2FXG (RA2FIR)	1.8	11,520

MULTI-OPERATOR SINGLE TRANSMITTER

TM6M	14,075,078
OM7M	9,746,737
S53M	9,351,920
EE2W	8,702,568
OE2S	8,467,888
YO22NATO	7,973,688
IO5O	7,911,360
LY9Y	6,662,782
TM7F	6,630,633
EA1EEY	6,234,162

MULTI-OPERATOR TWO TRANSMITTER

9A6ØA	16,471,710
ES9ØC	13,724,640
HG8ØHQ	12,871,896
UU7J	11,789,823
OL7R	9,949,407
YT9X	9,917,964
AM3SSB	9,126,700
DAØBCC	8,929,620
OL1X	6,270,660
PI4COM	3,501,924

MULTI-OPERATOR MULTI-TRANSMITTER

DR1A	22,340,676
OT5A	16,285,416
LZ9W	14,928,360
LY7A	8,371,200
EB1WW	7,711,155
SX5P	6,530,185
SN6O	4,582,080
SN75T	1,650,873
SP75S	684,648
SF6DX	523,083

**Low Power*

petition rules have been modified to match those of the CQ WW DX Contest. Please read the new rules (elsewhere in this issue) carefully! Check the <cqwpx.com> website for explanations of the most frequently asked questions.

Final Thoughts

This is a year of change for the CQ WPX Contest, as administration of the contest has been handed off from Steve, K6AW, and Steve, N8BJQ. Both of these gentlemen have done a fantastic job over the years to check logs and help the WPX Contest become one of the major events on the contesting calendar. They have been a very big help during the transition and will continue to work as members of the WPX Contest Committee.

Special thanks go to Ken, K1EA, for developing completely new log-checking software that enables an unprecedented level of log checking. Any errors that appear in the results are due to me and not the software. Kudos to the following for giving up their time (and in some cases their eyesight) to type in the paper logs and convert them to Cabrillo format: W4AU, K1ZE, WA1Z, K2BB, NJ1F, W1UE, WO1N, WC2L, N8RA, WB1DX, W1TO, N1NK, W2JU, W1KQ, KM1P, W1KM, and W1ZT. Their work enabled every QSO from every paper log to be incorporated into the log-checking process! Two key helpers in the back office are K1DG, who manages the plaque program, and W5GN, who coordinates all of the certificate printing and distribution.

For expanded QRM of the 2008 contest and a list of mult station operators, go to <www.cq-amateur-radio.com> to the contests section.

The 2009 WPX SSB Contest will be held on March 28 and 29. Conditions are sure to be better by then, so please plan to join in the fun. Rules can be found in this issue of *CQ*, on the CQ website (www.cq-amateur-radio.com>, and on the CQ WPX Contest website (www.cqwpx.com). Logs are requested to be submitted by e-mail in Cabrillo format. Send WPX SSB logs to <**ssb@cqwpx.com**>. Hope to see you in the 2009 contest! 73, Randy, K5ZD

CQ WW WPX SSB CONTEST ALL-TIME RECORDS

The contest is held each year on the last full weekend of March. The All-Time Records will be updated and published annually. Data following the calls: year of operation, total score, and number of prefix multipliers.

WORLD RECORD HOLDERS

Single Operator

1.8	CN2R('07)	1,613,955	399
3.5	CN2R('06)	11,849,076	894
7.0	CN2R('05)	14,724,696	931
14	CN2R('08)	15,778,840	1199
21	ZD8Z('05)	17,129,112	1196
28	D44AC('02)	15,707,401	1123
AB	D4B('05)	26,871,482	1271
QRP/p	HC8A('94)	7,520,562	714
Assisted	P40W ('07)	15,837,235	1069

Multi-Operator Single Transmitter

D44TD('02) 33,443,856 1332

Multi-Operator Two Transmitter

AN8A('07) 47,019,528 1444

Multi-Operator Multi-Transmitter

HC8N ('03) 60,703,452 1476

U.S.A. RECORD HOLDERS

Single Operator

1.8	K1ZM('95)	327,712	308
3.5	WE3C('95)	1,519,300	475
7.0	NY6N('08)	2,038,192	533
14	KK9A('00)	6,621,446	962
21	KX8R('00)	7,556,250	930
28	NY4A('00)	6,006,573	877
AB	KQ2M('00)	11,875,240	1066
QRPp	KR2Q('00)	2,688,158	649
Assisted	NB1B('01)	7,463,666	1022

Multi-Operator Single Transmitter

KM3T('99) 14,091,468 1077

Multi-Operator Two Transmitter

KD4D('06) 14,535,521 1183

Multi-Operator Multi-Transmitter

KM3T('00) 29,338,460 1355

CLUB RECORD

Contest Club Finland ('00) 250,320,141

QRPp RECORD

HC8A('94) 7,520,562

WPX (Prefix) RECORD

OTØA('00) 1528

CONTINENTAL RECORD HOLDERS

AFRICA

1.8	CN2R('07)	1,613,955	399
3.5	CN2R('06)	11,849,076	894
7.0	CN2R('05)	14,724,696	931
14	CN2R('08)	15,778,840	1199
21	ZD8Z('05)	17,129,112	1196
28	D44AC('02)	15,707,401	1123
AB	D4B('05)	26,871,482	1271

ASIA

1.8	*YMØT('05)	486,846	222
3.5	H22H('08)	2,432,692	502
7.0	H24LP('87)	5,348,975	503
14	H2A('91)	6,297,464	758
21	7L1GVE('92)	6,848,136	838
28	H22H('00)	9,092,146	931
AB	JY9NX('01)	15,463,485	1017

EUROPE

1.8	SN3R('07)	835,884	434
3.5	SN7Q('08)	2,969,645	713
7.0	YT8A('08)	5,197,840	860
14	DJ7AA('00)	7,955,224	1052
21	CQ1BOP('00)	6,989,997	1029
28	GM7V('00)	8,305,756	982
AB	OK1RI('01)	10,844,592	1034

NORTH AMERICA

1.8	VA1A('99)	535,225	271
3.5	ZF1A('08)	2,269,344	462
7.0	TI4CF('05)	8,057,479	751
14	KP2A('95)	7,088,976	912
21	WP3R('98)	10,167,632	986
28	KP2A('00)	11,385,710	1046
AB	8P5A('06)	20,560,452	1199

OCEANIA

1.8	KH6ND('07)	26,432	59
3.5	WH7Z('03)	1,208,900	308
7.0	ZL3A('08)	8,200,800	816
14	KH6ND('03)	6,493,727	887
21	AH7DX('00)	7,645,990	890
28	TXØDX('00)	12,049,422	847
AB	KH6ND('01)	15,498,798	1029

SOUTH AMERICA

1.8	YV5JEA('84)	40,320	63
3.5	P4ØA('96)	1,715,076	426
7.0	ZX9A('97)	10,787,128	814
14	PYØFM('95)	9,660,432	939
21	ZX5J('08)	14,740,056	1242
28	ZX5J('99)	14,405,820	1095
AB	HC8A('01)	25,180,199	1199

MULTI-OPERATOR SINGLE TRANSMITTER

AF	D44TD('02)	33,443,856	1332
AS	5B/AJ2O('05)	28,966,272	1252
EU	9A7A('02)	19,034,950	1306
NA	VP2EC('92)	24,409,580	1115
OC	T33RD('99)	17,778,372	998
SA	HC8A('93)	32,502,677	1107

MULTI-OPERATOR TWO TRANSMITTER

AF	AN8A('07)	47,019,528	1444
AS	A61AJ('04)	30,157,650	1255
EU	OE4A('07)	18,533,494	1337
NA	6Y1V('08)	29,018,014	1306
OC	KH7X('05)	20,910,656	1066
SA	HC8N('06)	46,791,472	1456

MULTI-OPERATOR MULTI-TRANSMITTER

AF	CN8WW('99)	55,151,562	1334
AS	P3A('00)	53,554,592	1456
EU	9AY2K('00)	42,477,343	1493
NA	WL7E('00)	42,013,215	1395
OC	KH7R('02)	32,806,032	1304
SA	HC8N('03)	60,703,452	1476

QRM

My first attempt as SOAB and I am spoiled. Great competition; will come back next year. Thank you! ... **4LØA**. Another incredibile contest from Morocco! 5D5A@CN3A ... **5D5A**. Sigs from W/VE disappointing. Little heard from western EU too. Quote from K7RI: "Is my frequency clear? I'm not getting many responses." Yes, the frequency was clear. But even K7RI was only S7 ... **7J1AQH**. Very hard conditions especially during the first part of the contest. We worked multi/one with low power and a 2-el 3-band quad on 10 (no QSOs), 15, and 20m. On 40, 80, and 160m we used a multiband dipole. It was fun but we hope that conditions will improve next year. We operated from Skinnskatteberg, JO89UT ... **8SØC**. First time worked in QRP mode contest with Yaesu FT-817 and homebrew 14-element Spider Beam. Mainly worked Asia Pacific region. Surprisingly worked abt 20 contacts with EU on 14 MHz, and one from AF. I am very enjoyable to work in QRP mode. Many thanks for those good-ear stations for my weak signal ... **9M6YBG**. Operated first day from home, then flew to Austria and was able to operate a few hours from OE6MBG. Great fun to work the contest from two continents and hear how different the contest sounds from each place ... **AK1W**. I'm a volunteer paramedic here. Had to respond to some calls during the contest. The dispatchers now know what QRZ, QSL, and QRX mean! ... **AK9I**. This was four stations M/M from EA8AH QTH. Poor conditions and many problems with generators, but we still managed to keep four stations on the air for entire contest ... **AO8A**. I am glad of contacting hams around the world. See everyone next contest ... **BV4VR**. Second day was much better. In memory of Charki ... **CN2R**. SSB contests keep getting tougher. Even with HP it becomes increasingly difficult to keep a frequency to reach a rare stn. I guess it has to do with the fact that for long periods of time one can only use a single band, which then, of course, is completely overcrowded. Still, it's been lots of fun. I thoroughly enjoyed my participation ... **DJ3WE**. Great first experience in the new farm contest QTH. Only time to put a fun dipole on the top of a high mountain ... **EA3ATM**. My goal was to go over my 2007 score. I decided to try the Tribander/Single Element class and I had a lot of fun too! ... **FY1FL**. My first venture with CQ WPX SSB, and it didn't take me long to realize that a 9 foot vertical antenna is not conducive to attaining a high score. In fact I finished early, having worked all I could. Otherwise it was great

Patrick, OT2A, second world high in the Rookie category.

fun and will have another attempt with better antennas ... **G1FON**. Fantastic DX conditions on 80m on Sunday sunrise! ... **H22H**. The Swiss DX Foundation (SDXF) used this special call to celebrate its 10th birthday. The team operated from HB9CA (Letzi-DX-Group) station ... **HB1ØDX**. Conditions were good but AC power at the mission where we operated was not available for 8 to10 hours each night. We used an IC-7000 and the antennas were a beam for 10, 15, and 20 meters and a SuperLoop for 40 and 80 meters. Jan and I want to thank all the stations that worked us during the contest ... **HH4/AF4Z**. No USA except KH6 but a lot of good DX worked. Not bad for a 33 ft. piece of wire taped to a telescoping fiberglass pole. being on the roof at 150 ft helps I guess, hi! ... **HSØZDR**. First WPX for us, testing equipment and sharing happy time together. We chose Multi-2 for testing interference ... **IQ5AE**. I entered in single-op 80m low power. The condition between the USA and JA was not so good. Especially on 75m DX band, we east Asian stations have very heavy QRM of the OTH radar from China. its signal strength was over S9++. When it transmits, we can hear no amateure radio signals. Hams all over the world must to say to Chinease government about it! I used Micro Vert Antenna by DL7PE. It is only 2m long and I set it on my small balcony of my condominium ... **JE1SPY**. Very few EU, AS, or OC stations were heard. Miss the good old days of EU stations coming in over the pole early in the mornings of the contest. I certify that, other than caffeine, no performance enhancing drugs or steroids were used during this contest. Also, no small animals or children were harmed ... **K7ACZ**. Difficult conditions, especially for QRP. But the best moment came when KF4GDX commented, upon my calling, "At last, a signal above the noise" ... **KA6SGT**. Wow, I went over 100,000 points for the first time! ... **KBØARZ**. Two new operators this time with their first contest operation. Was quite a bit of fun hearing all the great signals with lots of band activity. Thanks to everyone for their patience with those learning to operate in the contests ... **KDØS**. I have done some QSO Parties. This was my first BIG Contest with CQ. It was a hoot! Beats Field Day. With all the overseas stations active, picked up almost enough for my first 100 countries worked. Managed a couple of rarer ones to boot! I'll Be Back, eh ... **KD7DCR**. Sometimes very bad conditions, only local QSOs ... **LY4DX**. Yaesu FT-747GX to base-loaded inverted-L, Datong RF Clipper. Awful results. Think my aerial has turned into a dummy load! ... **MØEZP**. Maybe QRP was BAD idea but it was fun ... **MUØFAL**. We did a contest training seminar and open house for this contest. Hoping to get more contesters active! ... **N2CW**. Come on sunspots, please! ... **N4DXI**. New antenna and amp made for even more fun this year ... **N8AJN**. Where did all the sunspots go? CU next year ... snorezzzzzz ... **ND6S**. Good food, good beer, great contest! Third time out for us and all had a blast. Too bad still another 60 months 'til the peak of cycle 24. (Hope we make it, hi)) 73's from John, Paul & Scott ... **NQ2F**. Operated first day from home, then flew to Austria and was able to operate a few hours from OE6MBG. Great fun to work the contest from two continents and hear how different the contest sounds from each place. Logged using pencil and paper! ... **OE/K5ZD**. People should listen more. I could hear many but they did not listen or could not hear. If you can't hear does not matter how much power! ... **OX3UR**. I had my best score ever in this contest and I finally broke ZD88V's world record. This was fun! ... **P4ØA**. Like every year I try to enter the 80m single band but the DX lures me so I do some operating on the other bands ... **PAØMIR**. A very good time I had in this contest. With a better result than last year. Worked some new DXCC too. And again with two pizzas, lot of cola, and an XYL to serve it to me. See you next year ... **PE2KP**. Thanks to Sergio, PP5JR, for allowing me to operate his nice 10m station. 73, PP5EG/PY5EG ... **PP5EG**. First contest with PV2 prefix ... **PV2P**. Great contest, as usual! Sounds like a big party where everyone is invited. Unfortunately, didn't have more time to be on the air due to homework, just 24h on duty. Was fascinating to meet some friends and being recognized by some others ... **PY3DX**. Thanks for perfect competitions! Our school club "Contact" acted in structure four school boys. Their age 12 years. PWR 100 W; ant. delta . The trainer, UA3DAF, Chaplygin Vladimir. 73! ... **RK3DZH**. First full effort since 1999 with low power! Hope to appear in CW! ... **RV6LFE**. Where were all USA stns? Only few called CQ. Closed down 3h before end. There was a moral dilemma: scanning band ten times in a row for new QSO? Maybe score would be bigger by 10 QSO and few mults. Guess will never know ... **S57SU**. OK, this was fun! Many new DXCC for me and nice to get an idea of what's waiting when conditions getting better in cycle 24. Contest site was club house with a 20m mast with 3-el 3-band beam and 100W. Worked quite well! Thanks for all QSOs! I'll be back! ... **SE5S**. Wkd for fun. All ops out there please think about this: a brand new radio transceiver is not equal to a clean TX signal! You do need to use the buttons too. Nevertheless the WPX is a fun thing. CU next time! ... **SF6DX**. Our first attempt for participating in the M/M category and we are more than pleased with our score. Thanks everybody and hope to see you next year ... **SX5P**. 21 MHz band quite nice to work ... **TA1HZ**. What a great contest. This time, I had access to real broadband dipole on 20m poles. What a difference. My 300W and the outstanding dipole made it possible to keep the frequency for a while and score up to 100 Qs/h. The conditions were strange with almost no USA stations. Thanks for organizing this great contest ... **TF3AM**. Had a great time working DX from a relatively new entity, FJ! The pile-ups were huge, in spite of the poor band conditions. We hope that we were able to give out a "new one" to our friends around the world ... **TO5RZ**. Thanks to UA9CLB for letting me use his excellent SO2R setup ... **UA9CDC**. Tnx for contest. Tnx for good program SD ... **UA9MR**. Hard work taking your station 4100 miles, but made it worth it to give some people a new one ... **V25V**. V48M was a new prefix never used before ... **V48M**. I managed to work a new one to add to my 160-meter DXCC total! That alone was worth the price of admission to me, hi ... **VE3CUI**. As usual, at low sunspot numbers, VE5 is the black hole for sure. First day, we could hear them, they couldn't hear us. Second day, much better, now the fun begins. No great score but fun anyway ... **VE5RI**. The VK6 DX Chasers Club operated from Faure Island IOTA OC-206. We were hit by the tail end of Cyclone Pancho and were lucky that the antennas were not blown down. Conditions were not very good but 15 metres was the best ... **VK6FAU**. Great fun giving out the first ever VQ58 prefix! See everyone next year ... **VQ58V**. 81 yrs old and still going strong. Well, maybe just staggering along! ... **W3MGL**. Whilst other contesters usually mention the DX they work, I am wondering if I can claim the prize for the closest unscheduled QSO? During a run near the end of the contest on Sunday, I was called by WD4BEE who said I was 60 dB over S9. I asked where he was located and he said Sebring. It turns out he is in the next block to me. We had seen his tri-band beam but didn't think he was on the air! ... **W4/MØBUE**. Spending the weekend with my best friends from all over the world was priceless! ... **WB8LCD**. Fun time! Had about the same number of Q's as last year but scored a lot higher due to better use of 40m. 10m still a big disappointment. Radio Reef is a GREAT place from which to operate. Stan, K8MJZ ... **WP2Z**. Fun contest. 28 was open only to SA and no USA heard this time ... **XE1EX**. Great contest! It was my first Cabrillo log submitted. Hope next time I have better ham shack. Now only old TS-430S barefoot with homebrew 3-el Yagi 12m high. All the best ... **YB1VA**. From Menjangan Island OC-022, the small island on the north of Bali Is, with a very wonderfull sea garden ... **YB3MM**. Several long power outages put me almost out. I will try again next year ... **YV6BXN**. Our result better than last year with most operating by two oldies. 10 metres surprised us in this low sunspot period ... **ZM2M**. My QTH was on Magaliesberg Mountain (Montana Lodge) 1550m ASL. Condx were nice on Saturday but weather, lightning, thunderstorms, power shading, terrible. But I enjoyed the time which I spent with radio ... **ZS6CCW**.

Number groups after call letters denote following: Band (A = all), Final Score, Number of QSOs, and Prefixes. An asterisk (*) before a call indicates low power. Certificate winners are listed in boldface. (Note that the country names and groupings reflect the DXCC list at the time of the contest.)

2008 WPX SSB RESULTS
SINGLE OPERATOR
NORTH AMERICA
United States

K1ZM	**A**	**8,316,563**	**3060**	**1051**
K1LZ	"	6,468,150	2507	930
NC1I	"	4,774,728	2303	879
			(OP: K9PW)	
W1UE	"	4,478,656	2050	832
NN1N	"	2,047,815	1302	693
NA1L	"	1,049,256	1264	494
			(OP: W1XX)	
WB1DX	"	671,772	798	444
KQ2M/1	"	583,376	629	404
W1BYH	"	500,480	546	340
N1BCL	"	463,592	530	347
AE1P	"	406,086	649	318
K2TE/1	"	381,174	413	303
AK1W	"	293,328	376	291
			(OP: K5ZD)	
ND1X	"	209,013	390	269
K1SND	"	173,732	405	257
W1TO	"	151,980	264	204
WC1M	"	137,904	239	204
AA1O	"	123,615	268	201
KB1ODO	"	109,610	308	194
AB1BW	"	52,345	168	145
W1KQ	"	48,772	150	137
KB1OGZ	"	782	24	23
KB1PLN	**14**	**6,027**	**51**	**49**
K1HAP	**1.8**	**26,598**	**169**	**93**
***K1XM**	**A**	**236,385**	**329**	**255**
*N1GKX	"	230,187	385	277
*NJ1H	"	203,442	371	246
*K1SLB	"	144,627	290	213
*NA1QP	"	129,116	273	191
			(OP: W1CTN)	
*KA1C	"	108,864	257	189
*K1TR	"	82,446	178	151
*W1CRK	"	71,442	217	162
*K1PU	"	70,215	213	151
*K5MA/1	"	56,364	142	122
*AG1C	"	50,673	181	133
			(OP: KB1JFG)	
*KB1FRK	"	48,564	165	142
*KA1G	"	30,316	122	106
*KA1VMG	"	22,989	105	97
*NJ1Q	"	18,900	107	84
*K1VU	"	13,359	82	73
*KB1JUF	"	8,680	73	62
*K1YSY	"	7,844	60	53
*KB1NRI	"	5,076	53	47
*K1YM	"	4,050	50	45
*K1PAR	"	4,002	57	46
*N1ORK	"	988	31	26
*WK1H	"	684	21	19
*AB1EP	"	204	12	12
*KB1KRS	"	1	1	1
***W1OHM**	**21**	**987**	**21**	**21**
***KG1V**	**14**	**33,154**	**134**	**121**
*K3IU/1	"	1,122	23	22
AB3CX/2	**A**	**765,798**	**792**	**451**
N2DWS	"	217,872	327	272
W2OSR	"	98,552	201	194
K2NV	"	48,552	129	119
K2XA	"	36,259	123	101
W2FUI	"	35,256	122	104
N2WLS	"	33,354	130	109
KB2DE	"	23,400	101	90
AA2NA	**21**	**17,017**	**36**	**187**
W2RR	"	14,784	77	77
			(OP: WA2AOG)	
N2RJ	**14**	**464,457**	**502**	**357**
K2RET	"	31,428	115	108
WA2JQK	**7**	**5,832**	**59**	**54**
WN2O	**3.7**	**241,528**	**423**	**266**
			(OP: N2GC)	
W2MF	**1.8**	**99,006**	**293**	**174**
WA2AOG	"	1,716	29	26
***AB2TC**	**A**	**139,776**	**269**	**224**
*KV2M	"	117,537	290	193
*WA2MCR	"	101,638	220	178
*K2RNY	"	71,394	214	163
*N2MTG	"	59,631	197	139
*WA2LXE	"	53,055	197	135
*AA2DS	"	48,112	157	124
*K2BBQ	"	47,580	153	122
*K9CHP/2	"	30,067	140	107
*K2YLH	"	26,300	120	100
*K2SI	"	23,835	133	105
*KM2O	"	22,989	112	97
*WN2Y	"	21,854	122	98
*WA2JTX	"	16,660	79	70
*WB2OQQ	"	14,673	80	73
*W2LP	"	14,555	91	71
*KA2FHN	"	13,172	96	74
*W2SR	"	8,062	62	58
*WB2SXY	"	7,540	70	65
*KC2OGR	"	5,828	49	47
*K3QE/2	"	3,600	44	40
*KC2KZJ	"	3,366	35	33
*KC2QJB	"	2,310	36	33
*N2TEW	"	1,770	33	30
*W2JAT	"	1,410	31	30
*KC2JRQ	"	276	12	12
***KG2RG**	**14**	**546,939**	**718**	**431**
*W2AW	"	185,724	293	252
*K2HVE	"	9,728	86	76
*KC2LYQ	"	8,178	61	58
*NP3JG/W2	"	7,205	59	55
*KD2MU	"	1,608	24	24
***NA2H**	**7**	**130**	**10**	**10**
***K3BU/2**	**1.8**	**3,060**	**53**	**36**
KC3R	**A**	**6,829,005**	**2646**	**985**
			(OP: LZ4AX)	
K3ZO	"	3,898,310	1860	785
KJ3X	"	1,007,820	1078	495
			(OP: K1DQV)	
K3WI	"	989,920	957	460
N3UM	"	603,648	618	384
W3BW	"	349,563	421	327
N3YW	"	214,250	329	250
W2BZR/3	"	116,228	263	196
N1WR/3	"	107,568	242	162
WI3K	"	69,496	189	146
K8OZ/3	"	66,138	198	151
K3YG	"	20,315	87	85
WØBR/3	"	16,068	96	78
K3ISH	"	12,998	71	67
NA3F	"	10,728	72	72
WR3H	**14**	**74,094**	**171**	**159**
AI3Q	"	21,948	98	93
K3OQ	"	20,394	142	99
N3TXH	**7**	**4,161**	**64**	**57**
W3/T98T	**3.7**	**362,148**	**557**	**309**
W3BGN	"	335,240	555	290
***W3LL**	**A**	**1,234,480**	**1013**	**520**
*KB3LIX	"	191,293	339	233
*N3ALN	"	189,750	445	253
*KB3EXB	"	113,373	219	171
*KD3HN	"	92,340	216	171
*NX3Y	"	51,569	200	139
			(OP: KA3QLF)	
*N8NA/3	"	27,000	108	100
*K3VED	"	22,272	104	96
*KN3A	"	21,805	117	89
*N3KUN	"	18,060	104	86
*N3VMD	"	16,044	92	84
*N3CHX	"	10,192	70	56
*NB3T	"	9,620	91	65
*N3JNX	"	5,782	51	49
*WO3Z	"	3,040	47	40
*NØMSB/3	"	2,244	36	34
*W3NWS	"	2,204	47	38
*N3KGC	"	1,350	32	30
*W3LDG	"	1,040	20	20
*KB3OUK	"	88	8	8
***K3LAB**	**14**	**1,836**	**38**	**34**
***AI3G**	**7**	**3,192**	**49**	**42**
KN1DX/4	**A**	**7,147,845**	**2692**	**999**
			(OP: K4ZW)	
NJ4M	"	4,130,420	2276	815
			(OP: K1TO)	
KJ4VO	"	2,451,417	1925	677
			(OP: N4PN)	
N4WW	"	2,368,800	1659	705
K4PV	"	2,315,936	1828	686
N2QT/4	"	1,683,856	1203	551
WZ4F	"	1,585,980	1546	540
			(OP: K4AB)	
KG4W	"	1,561,230	1327	570
W4KW	"	500,556	572	354
N4IG	"	322,234	438	302
NE4M	"	237,640	418	260
N6AR/4	"	184,275	302	225
N4ZZ	"	158,625	446	235
N2XD/4	"	143,808	437	224
KY4P	"	141,470	301	215
K3IE/4	"	141,372	298	204
W4NTI	"	139,582	293	202
NJ4F	"	131,453	268	211
NC4KW	"	129,168	242	208
			(OP: N1LN)	
K4PHE	"	126,060	256	191
K4BP	"	100,672	250	176
N3FP/4	"	82,280	240	170
NC4MI	"	68,370	200	159
NE8J/4	"	65,120	292	176
AI4WW	"	44,861	136	113
KO4Y	"	33,150	115	102
N4RVM	"	30,192	131	111
N3BM/4	"	30,098	127	101
KI4MF	"	28,710	101	87
N4DXI	"	21,432	93	76
K2EUH/4	"	19,440	76	60
K4CRM	"	18,576	97	86
W2OO/4	"	9,424	64	62
WB3E/4	"	8,253	82	63
K4DXV	"	3,663	34	33
W4OGG	"	2,460	33	30
K4SV	"	2,187	29	27
NA4W	**28**	**21,021**	**117**	**77**
			(OP: K4WI)	
WN1GIV/4	**21**	**259,402**	**451**	**286**
			(OP: N4BP)	
NJ4U	"	202,032	367	244
K4EU	**14**	**406,747**	**528**	**359**
K4SQR	"	89,712	192	178
VE3XD/W4	"	4,800	50	48
			(OP: VE3XD)	
KI4ZGF	"	270	10	10
N4QV	**7**	**511,144**	**646**	**362**
WI4R	**3.7**	**850,212**	**934**	**452**
			(OP: W4SVO)	
N4NX	"	163,530	361	237
K4KZZ	"	161,006	302	223
K4RDU	"	81,965	233	169
AA4MM	**1.8**	**93,019**	**335**	**167**
***N4XL**	**A**	**719,922**	**861**	**427**
*W4TMN	"	521,389	590	341
*K7SV/4	"	342,855	383	285
*KI3O/4	"	340,130	481	301
*WB4JFS	"	335,808	491	288
*W4EEH	"	321,816	440	276
*K4DET	"	303,325	465	275
*AB4GG	"	265,265	414	265
*W4LT	"	248,040	431	265
*NE4S	"	237,440	454	265
*KA8Q/4	"	229,416	394	242
*KI4PKW	"	146,076	346	222
*N2ESP/4	"	140,855	310	197
*K4CX	"	126,484	348	206
*NA4O	"	122,100	274	185
*W4YE	"	110,774	235	194
*WA4JA	"	98,271	260	183
*N3UC/4	"	97,121	233	197
*W4KAZ	"	85,008	235	168
*W4WNT	"	80,454	211	159
*N4MM	"	80,162	180	149
*AA4LR	"	78,971	204	157
*N4QWB	"	73,752	243	168
*K4WES	"	72,265	199	149
*KN4DS	"	67,360	230	160
*W4PFM	"	66,289	193	151
*NA4BW	"	63,550	234	155
*N4JED	"	62,000	203	155
*KF7CG/4	"	54,954	193	142
*NV4B	"	54,008	174	157
*AI4DB	"	48,465	187	135
*KF4DVG	"	42,939	160	117
*KA5VZG/4	"	36,992	171	128
*N3UA/4	"	36,225	122	105
*K4ML	"	35,148	148	116
*N4IL	"	33,759	174	121
*NX4Y	"	32,996	149	113
*N3CZ/4	"	32,015	121	95
*K4UVA	"	31,740	122	115
*K4YT	"	30,458	115	97
*AI4GR	"	30,090	140	102
*W3MGL/4	"	23,808	116	96
*N4RTD	"	23,474	114	97
*KR1ST/4	"	22,568	132	104
*WA4AEJ	"	20,916	91	83
*KI4FIA	"	20,520	121	95
*N4WO	"	20,020	120	91
*AG4ZM	"	19,872	108	92
*KI4VQQ	"	18,509	103	83
*KO4QL	"	17,139	110	87
*KU4MT	"	14,136	101	76
*KZ2I/4	"	12,851	72	71
*W4GHD	"	12,530	74	70
*K4GOP	"	12,150	93	75
*AB3S/4	"	10,950	83	73
*KC4EZN	"	10,432	75	64
*NZ1D/4	"	9,555	86	65
*N1NP/4	"	6,888	65	56
*KC4RSL	"	6,649	67	61
*WA4FXX	"	6,439	54	47
*WC4MBC	"	5,457	58	51
*NR4C	"	5,203	46	43
*AJ4RK	"	4,860	46	45
*K3MZ/4	"	4,140	41	36
*W4HRC	"	3,612	45	42
*W6GBG/4	"	2,812	46	37
*AE4CW	"	2,590	37	35
*K4MSH	"	2,052	42	38
*WA3GNW/4	"	1,872	27	26
*KC1SS/4	"	1,827	29	29
*WA4OSD	"	1,512	30	28
*AI4QR	"	860	22	20
*K4PBC	"	817	19	19
			(OP: K4PG)	
*WC4V	"	756	21	21
*W4NX	"	187	11	11
			(OP: W4BCG)	
*AE4EC	"	144	12	12
*W4BCG	"	36	6	6
***WA1FCN/4**	**28**	**2,688**	**36**	**32**
***ND4X**	**21**	**139,105**	**279**	**215**
*NQ4K	"	1,196	25	23
***KZ5OH/4**	**14**	**163,250**	**291**	**250**
*WB1HBB/4	"	42,775	190	145
			(OP: W4WR)	
*K4YYD	"	5,200	56	50
*WA2BKN/4	"	2,379	40	39
*W8KHP/4	"	90	6	6
***KU4BP**	**3.7**	**60,941**	**266**	**149**
K5TR	**A**	**3,938,420**	**3064**	**764**
NN5J	"	3,329,405	2163	745
KT5J	"	2,607,303	2370	667
			(OP: N3BB)	
AA5B	"	1,235,500	1617	500
			(OP: @K5HAB)	
K5ER	"	1,162,830	1235	498
AD5XD	"	694,800	1095	400
WA5ZUP	"	141,680	425	220
W5GN	"	119,152	245	176
NQ5D	"	92,950	247	169
N5RMS	"	80,842	227	166
KI5XP	"	78,292	195	148
NX5O	"	73,593	226	153
W5YAA	"	73,538	204	166
KD5JAA	"	61,628	194	142
W5BKT	"	14,350	102	82
KE5FUE	"	9,864	85	72
KD5RXN	"	4,465	48	47
W5JDX	"	1,870	22	22
KD2KW/5	"	1,248	28	26
KJ5W	**28**	**100,110**	**308**	**142**
			(OP: W5PR)	
NR5M	**21**	**388,440**	**562**	**312**
NQ5K	**14**	**370,300**	**742**	**350**
			(OP: W5ASP)	
W9DX/5	"	299,398	462	341
W5FO	"	45,698	167	146
***WD5K**	**A**	**1,042,056**	**1112**	**492**
*N5DO	"	819,680	1046	436
*NE5D	"	258,093	413	237
			(OP: K5RX)	
*N5AW	"	154,000	286	175
*K3TD/5	"	128,270	340	202
*KD5J	"	101,915	421	187
*KC5R	"	71,568	208	144
*W5TMC	"	63,600	234	150
*AB5C	"	61,754	207	154
*W8DM/5	"	56,420	194	140
*KE5LQ	"	41,080	175	130
*AE5MM	"	39,375	207	125
*K5DHY	"	34,336	161	116
*KB5DRJ	"	30,397	162	113
*NN5T	"	25,380	112	94
*WV5L	"	23,124	128	94
*KB5HPL	"	18,040	132	88
*WA5O	"	12,636	107	78
			(OP: K5KA)	
*K5LAD	"	11,780	76	62
*W5CSM	"	10,082	81	71
*KX5RW	"	10,034	66	58
*AA5SH	"	8,909	62	59
*WD5DCZ	"	8,700	77	58
*KBØLZQ/5	"	8,085	60	55
*AA5JG	"	6,200	74	62
*N5HMH	"	5,964	90	71
*W5RAW	"	3,869	64	53
*N5PU	"	2,418	41	39
*ADØK/5	"	2,320	45	40
*KCØLFQ/5	"	1,200	29	25
*N5VP	"	680	19	17
*N5KEV	"	231	12	11
*KD5UBC	"	198	11	11
***N5DTT**	**21**	**1,512**	**24**	**24**
***NN5Z**	**14**	**78,120**	**321**	**180**
			(OP: K5PX)	
*KB5UOK	"	35,250	241	125
*WW6O/5	"	14,130	114	90
*AE5FT	"	3,264	62	48
*KE5LHC	"	100	10	10
*KE5LFO	"	10	2	2
***N5DGK**	**7**	**1,768**	**26**	**26**
*NT5HS	"	130	10	10
			(OP: NØRQ)	
W6TK	**A**	**1,391,698**	**1495**	**539**
NF6A	"	1,151,298	1042	501
			(OP: K6XX)	
N6AA	"	993,672	1129	444
N6XT	"	943,274	1441	482
K6NA	"	698,640	864	410
AC6DX	"	695,934	1132	414
AF6T	"	563,010	1065	383
			(OP: K6TD)	
KI6VC	"	269,094	667	298
AK6M	"	264,330	531	297
			(OP: K6MM)	
K6LRN	"	183,974	356	238
NK6A	"	182,710	402	242
N6OU	"	132,309	302	183
NW6P	"	132,090	303	222
KB6A	"	129,248	295	224
NI7T/6	"	120,120	309	195
AE6RF	"	92,224	284	176
WB6JJJ	"	84,450	206	150
W6EB	"	63,176	208	149
AG6JC	"	18,334	108	89
NO6T	"	15,130	103	85
			(OP: N6NC)	
WB6TFD	"	12,948	102	78
N6ER	"	12,371	124	89
WM6DX	"	9,164	70	58
			(OP: W6DPD)	
KG6ZHC	"	4,560	58	48
WW6OR	**21**	**46,443**	**177**	**113**
			(OP: K6JAT)	
W6RKC	"	6,486	50	47
K6HNZ	**14**	**959,310**	**1200**	**495**
W6AFA	"	656,812	1011	442
WX6V	"	401,128	631	364
NY6N	**7**	**2,038,192**	**1753**	**533**
			(OP: W6YI)	
N2NS/6	"	24,612	102	84
***AA6K**	**A**	**149,586**	**304**	**214**
*AA6YX	"	143,664	334	219

*KE6SHL	"	123,190	324	194
*WA6ST	"	122,388	296	188
*KF6IHL	"	94,656	272	174
*K6AAB	"	74,898	238	146
*K6DEX	"	70,144	200	137
*KI6JJW	"	69,280	233	160
*WA6NHO	"	58,225	199	137
*W6TKV	"	53,460	186	135
*AF6EV	"	46,138	166	118
*WT6K	"	45,625	189	125
*AE6YB	"	37,638	203	123
*WA6WPG	"	29,120	129	104
*N6WUF	"	28,784	139	112
*KQ6ES	"	27,903	131	131
*K6KWB	"	27,621	139	99
*N6RV	"	17,513	99	83
*K6VFF	"	13,054	77	61
*K6CSL	"	10,492	83	61
*K6LE	"	9,452	79	68
*AK6X	"	6,572	82	62
*N1KR/6	"	4,094	51	46
*KA6GDT	"	3,738	48	42
*KK6TV	"	3,654	54	42
*KG6RCW	"	3,420	55	45
*KJ6NO	"	3,276	51	42
*KG6YHH	"	2,340	45	39
*K6JRA	"	2,310	40	35
*K6VUG	"	1,624	32	28
*N6EF	"	1,612	33	31
*NC6P	"	946	24	22
*N6QZS	"	924	21	21
*NT6ET	"	336	12	12
*W1BUD/6	"	1	1	1
***ND6S**	**28**	**1,482**	**27**	**26**
***KI6LZ**	**14**	**148,176**	**345**	**252**
*KS6M	"	7,381	77	61
*KA6YLA	"	6,667	66	59
*KE6GFF	"	364	16	14
*KG6HUM	"	273	13	13
***KU6T**	**7**	**6,960**	**37**	**120**
K7ZS	**A**	**1,014,783**	**1254**	**483**
N7RO	"	914,024	1143	488
K7WP	"	864,160	1157	440
WA7NB	"	685,692	1073	378
K7ZZ	"	557,256	885	372
WZ7M	"	356,952	744	321
			(OP: K7MO)	
WG7X	"	331,154	739	313
NB7V	"	320,382	737	306
W7JY	"	297,348	477	284
KI7AO	"	190,250	330	250
NR7DX	"	173,305	395	253
			(OP: K7ABV)	
K7EG	"	151,986	287	219
K7LV	"	127,806	284	179
NQ7R	"	126,324	297	198
WR5G/7	"	117,990	280	190
N6TW/7	"	116,056	264	178
N7VS	"	112,013	308	187
N7BF	"	59,087	210	161
KG7P	"	53,339	198	143
KB7N	"	43,276	174	124
AD7SI	"	37,440	173	120
KS7T	"	32,409	153	117
K7HP	"	20,900	111	76
W6NF/7	"	6,624	53	48
KE7HTL	"	6,084	61	52
KR7P	"	5,610	61	51
K7XC	"	4,992	57	52
W7JAM	"	920	23	23
KB7UJI	"	782	29	23
KK7CG	"	750	26	25
WZ7ZR	**28**	**6,116**	**58**	**44**
KC7V	**21**	**26,414**	**112**	**94**
W7WA	**14**	**4,054,754**	**2585**	**869**
W6AEA/7	"	291,248	393	334
KC7UP	"	22,372	100	94
KD7DCR	"	16,274	85	79
W6XI/7	**7**	**20,592**	**108**	**99**
***K7JE**	**A**	**176,148**	**326**	**233**
*N4LS/7	"	155,283	320	191
*KD7MSC	"	124,800	323	200
*N7IR	"	113,399	264	169
*W7QN	"	95,580	287	180
*W3CP/7	"	93,740	218	172
*W7RV	"	72,224	205	148
*NF7T	"	72,200	243	152
*AD7KG	"	52,416	209	144
*W4LSC/7	"	48,585	158	123
*K7PRW	"	40,098	187	123
*N7QS	"	37,468	172	116
*KO5D/7	"	34,485	160	121
*W7KAM	"	34,272	152	119
*K7PWL	"	33,120	153	120
*WAØKDS/7	"	24,682	114	82
*WA7MR	"	22,525	135	85
*NX7F	"	19,596	119	92
*W7SUR	"	10,792	100	71
*N7SCL	"	6,273	73	51
*NG7Z	"	4,992	63	48
*W7GMC	"	4,788	65	57
*N7CN	"	3,840	50	40
*KD7RHI	"	2,904	55	44
*KFØX/7	"	2,600	43	40
*W7YKN	"	2,457	39	39
*KW7I	"	1,056	25	22
*KD7GIM	"	880	27	22
*K7TR	"	264	8	8
*AD7BN	"	161	7	7
*N7RSE	"	104	8	8
***W7UPF**	**21**	**39,558**	**132**	**114**
*K9WZB/7	"	24,390	100	90
*K7MY	"	13,002	74	66
***AD7J**	**14**	**252,800**	**412**	**316**
*K7ACZ	"	37,375	122	115
*WA7NWL	"	16,926	108	93
*NE7D	"	14,196	94	78
***N9ADG/7**	**7**	**12,859**	**114**	**77**
***N7MAL**	**3.7**	**1,764**	**29**	**28**
*KE7BWN	"	1,175	29	25
WN8R	**A**	**132,916**	**268**	**202**
K8GL	"	132,225	259	205
K8DD	"	127,058	300	202
NO8R	"	121,806	300	201
KY4Q/8	"	103,462	226	179
W8JMF	"	74,382	186	147
W8OHT	"	67,425	194	155
K8AO	"	28,016	106	103
W8MET	"	5,808	53	48

ND8DX	**3.7**	**1,026,836**	**1304**	**458**
***WZ8T**	**A**	**607,986**	**740**	**417**
*WB8TLI	"	516,880	582	355
*N8CN	"	202,104	374	252
*WB8JUI	"	174,517	370	233
*ND8L	"	125,665	251	205
*AF8C	"	80,580	237	170
*KE8PX	"	68,586	202	142
*N8MRC	"	64,325	288	155
*KC8PD	"	54,458	194	146
*KB8O	"	53,568	228	144
*N8HP	"	43,335	158	135
*N8BV	"	36,725	158	113
*WY8DX	"	35,211	140	121
			(OP: K8GT)	
*WB8LCD	"	28,620	139	106
*W8KNO	"	27,378	153	117
*KD8ELX	"	24,274	130	106
*W8AKS	"	23,763	99	89
*W8IDM	"	23,364	115	99
*K8DXR	"	21,109	126	101
*KB8DDZ	"	20,332	124	92
*W8TM	"	18,216	86	69
*N8AE	"	16,281	102	81
*WA8SDF	"	14,580	104	81
*N8HC	"	12,750	103	85
*K8ME	"	10,920	70	65
*KD8CDC	"	10,010	83	65
*NT8K	"	8,680	64	62
*KB8FZY	"	6,111	69	63
*KX8C	"	3,526	51	43
*AF8T	"	2,622	51	38
*KA9IVY/8	"	2,482	37	34
*N8QL	"	680	17	17
*WB9LBI/8	"	638	22	22
*AB8XE	"	560	20	20
*WB8SDA	"	195	16	15
*KD8GKL	"	169	14	13
*KC8NHP	"	56	7	7
***KE8FO**	**14**	**2,394**	**42**	**38**
***NR8U**	**7**	**55,245**	**221**	**145**
*WB8TLH	"	3,360	56	48
W9JA	**A**	**369,520**	**521**	**310**
AG9/NP2I	"	290,766	693	301
WW9R	"	235,796	651	253
AC9S	"	114,706	227	166
N9FC	"	74,034	192	162
W9RE	"	59,400	186	135
WA9IVH	"	33,165	136	99
AF9J	"	12,874	115	82
AI9L	"	3,570	50	42
AF9H	"	595	23	17
KG9N	**14**	**213,750**	**504**	**285**
KK9V	**3.7**	**168,480**	**404**	**240**
K9NW	**1.8**	**108,129**	**267**	**271**
***KS9K**	**A**	**1,091,748**	**984**	**492**
			(OP: N4TZ)	
*WE4YL/9	"	468,480	806	366
*K9QVB	"	188,190	327	246
*K9JE	"	155,495	344	227
*K9SQL	"	151,946	329	218
*W9QL	"	117,585	328	195
*KB9RDS	"	112,464	275	198
*N9LYE	"	107,365	345	197
*AK9I	"	96,534	340	186
*N9TF	"	43,989	151	129
*WR9Y	"	43,384	199	136
*K9PY	"	41,472	154	128
*W9VQ	"	24,735	110	97
*KC9HGW	"	24,062	125	106
*KC9KIO	"	21,412	132	101
*K9GY	"	14,320	94	80
*KC9ECI	"	13,200	102	80
*N9BT	"	9,798	87	69
*K9AIH	"	4,850	62	50
*WB9LRK	"	3,124	51	44
*KK9U	"	600	25	20
*K9TCD	"	240	10	10
***W9ILY**	**21**	**7,748**	**56**	**52**
***NØICV/9**	**14**	**2,340**	**38**	**36**
*KC9GRD	"	234	15	13
WØEWD	**A**	**1,234,788**	**1510**	**516**
WAØMHJ	"	1,203,288	1123	554
WØBH	"	1,173,907	1860	469
KOØU	"	580,628	877	379
			(OP: KØOU)	
WKØP	"	437,668	865	343
KØDEQ	"	383,782	609	347
WØATC	"	300,310	567	295
			(OP: WAØHLJ)	
K5VYT/Ø	"	282,504	588	298
NCØB	"	246,339	430	271
WØJPL	"	210,958	353	223
KØGAS	"	205,128	463	264
KØFX	"	177,650	287	209
KØXTR	"	111,530	302	190
WØHBH	"	96,800	217	176
ABØRX	"	89,670	197	147
WØNO	"	73,738	228	161
WW0AL	"	55,860	221	140
WBØN	"	46,812	221	141
KV6O/Ø	"	45,780	195	140
KØTG	"	38,958	177	129
AIØQ	"	33,428	142	122
NØRN	"	32,769	122	99
WA2MNO/Ø	"	21,203	110	91
NAØBR	"	9,975	93	75
KCØNXB	"	2,574	42	39
KØRH	**21**	**68,600**	**198**	**140**
KØPK	"	17,177	71	89
WØCEM	**14**	**92,365**	**282**	**203**
WØPPF	"	39,274	152	146
KAØLL	"	11,172	98	84
WØICT	**7**	**65,600**	**305**	**164**
***NX7TT/Ø**	**A**	**1,167,720**	**1486**	**526**
*ACØW	"	909,580	1209	445
*NTØF	"	304,028	483	289
*NØYO	"	292,134	516	269
*AAØNK	"	193,356	376	262
*WBØTSR	"	159,139	359	233
*NØBUI	"	113,400	336	210
*KBØARZ	"	93,810	274	177
*KØCN	"	75,604	269	164
*K4JNB/Ø	"	71,906	249	157
*KØVM	"	67,200	239	160
*KØJJM	"	39,693	176	131
*ADØH	"	37,422	152	126
*WGØM	"	37,395	185	135
*NYØT	"	36,000	148	144

*WØIS	"	33,558	190	119
*WAØVPJ	"	30,464	182	119
*KCØJFY	"	28,782	154	123
*WØRAA	"	26,322	125	107
*NØSMA	"	25,038	151	107
*WØKC	"	19,208	113	98
*KCØOYT	"	16,704	122	96
*KØHW	"	15,886	94	94
*KDØBRD	"	14,448	107	86
*NØSCK	"	12,960	100	72
*KCØSZU	"	12,191	97	73
*WAØRXR	"	9,130	86	83
*KØKU	"	6,985	62	55
			(OP: KCØIDI)	
*KKØSD	"	6,318	74	54
*KCØTDJ	"	5,904	49	48
*NØBK	"	3,195	54	45
*NNØQ	"	2,880	53	45
*N1SWK/Ø	"	1,624	30	29
*AC0HK	"	1,363	31	29
*KCØUUT	"	1,131	32	29
*KAØEIC	"	360	15	15
*WØESF	"	288	12	12
*KCØWCF	"	195	14	13
*KCØFUE	"	8	4	4
***W6GMT/Ø**	**28**	**75**	**5**	**5**
***WØIE**	**21**	**176**	**8**	**8**
***NØGOS**	**14**	**11,438**	**98**	**86**
*WA5SWN/Ø	"	9,825	92	75
*KØANS	"	100	10	10
***N9HDE/Ø**	**7**	**7,502**	**72**	**62**
***KCØRQH**	**3.7**	**576**	**16**	**16**
Alaska				
KL7OU	**14**	**282,975**	**480**	**245**
Anguilla				
VP2EFB	**21**	**51,045**	**192**	**123**
Antigua & Barbuda				
V25V	**14**	**3,006,869**	**1781**	**709**
Barbados				
8P1A	**A**	**20,533,584**	**5590**	**1208**
			(OP: W2SC)	
Belize				
***V31MR**	**A**	**1,109,808**	**1179**	**378**
Canada				
VO1MP	**A**	**3,432,737**	**1746**	**763**
VA1MM	"	622,518	688	299
VE1MC	"	580,013	530	343
VO1TX	"	162,060	262	185
VE9MY	"	106,641	173	153
***VO1KVT**	**A**	**774,297**	**683**	**379**
*VE9CEH	"	346,884	412	274
*VO1DJT	"	154,316	261	223
*VE1JS	"	44,908	115	109
***VE9DXR**	**14**	**1,863**	**30**	**27**
VA2WDQ	**A**	**356,320**	**393**	**262**
VE2GK	"	72,600	162	121
VE2DC	"	8,602	52	46
VE2DWA	**3.7**	**10,575**	**58**	**47**
***VE2XAA**	**A**	**425,425**	**454**	**325**
*VA2SG	"	186,507	334	207
*VE2AWR	"	109,480	228	170
*VA2RIO	"	49,664	144	128
*VA2PZ	"	24,708	96	87
*VE2HAY	"	13,398	69	58
*VE2GLA	"	7,182	57	54
*VE2LX	"	5,136	51	48
*VA2LGQ	"	1,694	25	22
			(OP: VE3AV)	
*VE2FFE	"	1,400	26	25
VE3EJ	**A**	**10,756,686**	**3076**	**1058**
VB3E	"	10,310,760	3099	1080
			(OP: VE3AT)	
VE3DZ	"	7,859,126	2477	902
VE3CX	"	3,302,800	1875	575
VE3CR	"	1,269,816	802	471
VA3CCO	"	131,904	192	192
			(OP: VE3KZ)	
VA3FP	**21**	**13,056**	**75**	**64**
VE3SS	**14**	**20,740**	**90**	**85**
VA3XH	**7**	**588,924**	**544**	**266**
VE3CUI	**1.8**	**6,825**	**50**	**39**
***VA3SWG**	**A**	**674,050**	**619**	**325**
*VE3KPP	"	435,214	524	247
*VE3FZ	"	269,824	341	256
*VE3AD	"	190,115	272	235
*VE3BVA	"	152,800	254	191
*VE3NB	"	130,680	216	180
*VE3NCQ	"	110,880	225	154
*VE3MPT	"	101,067	224	177
*VE3TW	"	64,090	166	130
*VE3JI	"	26,960	101	80
*VE3RCN	"	21,910	90	70
*VE3KCO	"	13,440	94	70
*VE3AJ	"	13,167	74	63
*VE3OIL	"	5,808	49	44
*VE3LXL	"	1,122	23	22
*VA3PL	"	260	10	10
***VE3IAE**	**14**	**14,212**	**71**	**76**
*VA3HUN	"	91	7	7
***VE3MGY**	**1.8**	**109,361**	**252**	**119**
VE4EAR	**A**	**700,441**	**724**	**329**
***VE4YU**	**A**	**97,244**	**236**	**161**
*VE4DET	"	1,728	24	24
VE5ZX	**14**	**362,368**	**592**	**298**
VE5CPU	"	6,936	69	51
VE5ZC	"	325	13	13
VE6EX	**A**	**606,504**	**775**	**296**
VA6MA	"	388,352	601	256
VA6APB	"	110,600	247	175
VA6SZ	"	74,256	199	136
VE6TR	"	36,406	123	109
VA6XDX	**7**	**119,980**	**222**	**140**
			(OP: VE6LB)	
***VE6LE**	**A**	**15,128**	**87**	**62**
*VE6MRX	"	3,922	45	37
***VE6CNU**	**14**	**10,787**	**77**	**67**
VA7ST	**A**	**1,050,621**	**933**	**403**
VE7NS	"	110,500	229	170
VA7DM	"	92,960	217	140

VA7AAA	**3.7**	**74,690**	**188**	**110**
			(OP: VE7SZ)	
***VE7UQ**	**A**	**270,161**	**402**	**241**
*VA7BEC	"	213,075	344	225
*VE7FCO	"	49,256	147	131
*VA7MJR	"	42,552	146	108
*VE7BGP	"	10,384	68	59
*VA7ZOO	"	1,575	27	21
***VA7ALK**	**14**	**24,892**	**121**	**98**
VY1EI	**14**	**14,615**	**89**	**79**
Cayman Islands				
ZF1A	**3.7**	**2,269,344**	**1201**	**462**
			(OP: ZF2AH)	
Cuba				
CM6RCR	**1.8**	**186,399**	**317**	**149**
***CM6CAC**	**3.7**	**226,077**	**321**	**179**
Dominican Republic				
***HI3T**	**A**	**6,928,198**	**2774**	**874**
			(OP: HI3TEJ)	
***HI8PJP**	**28**	**3,379**	**39**	**31**
Greenland				
***OX3UR**	**14**	**128**	**8**	**8**
Guadeloupe				
FG/OM3LA	**A**	**16,105,188**	**4782**	**1122**
FG1PP	"	910	17	13
Guatemala				
***TGØWPX**	**21**	**40,250**	**150**	**115**
			(OP: TG9AJR)	
***TG9ANF**	**14**	**260,322**	**487**	**258**
Honduras				
***HR1RTF**	**A**	**177,103**	**296**	**197**
Martinique				
TO5A	**A**	**6,162,681**	**2727**	**791**
Mexico				
XE2S	**A**	**753,912**	**853**	**333**
XE1KK	**21**	**97,774**	**243**	**166**
***XE2YBG**	**A**	**668,169**	**785**	**339**
*XE2JA	"	57,900	232	100
*XE2MX	"	46,827	154	129
*XE2HUM	"	26,796	123	87
*XE3WAO	"	3,626	41	37
***XE1CT**	**14**	**626,952**	**877**	**346**
***XE1CQ**	**7**	**1,607,522**	**973**	**398**
Montserrat				
VP2MAH	**A**	**2,912,562**	**1641**	**639**
			(OP: N3DXX)	
Panama				
***HP3FTD**	**A**	**102,600**	**220**	**152**
***HP1RIS**	**28**	**6,109**	**53**	**41**
***HP1BYS**	**21**	**361,665**	**592**	**285**
***HP1ALX**	**14**	**504**	**14**	**14**
Puerto Rico				
***NP3CW**	**A**	**308,052**	**524**	**258**
*WP3GW	"	183,799	290	217
*NP3HM	"	33,561	135	99
***WP3C**	**14**	**2,372,700**	**1576**	**660**
St. Kitts & Nevis				
V48M	**A**	**7,966,329**	**3179**	**889**
			(OP: W2OX)	
Turks & Caicos				
***VQ58V**	**A**	**5,951,071**	**3065**	**731**
			(OP: W5CW)	
Virgin Islands				
WP2Z	**A**	**7,984,295**	**3174**	**895**
			(OP: K8MJZ)	
***KP2BH**	**A**	**400,608**	**517**	**288**

AFRICA

Angola

***D2NX**	**A**	**124,872**	**255**	**172**
			(OP: JM1CAX)	
Burundi				
***9UXEV**	**A**	**29,536**	**113**	**104**
Canary Islands				
EA8MQ	**A**	**310,528**	**389**	**256**
EA8LS	**14**	**1,469,362**	**921**	**542**
***EA8BTM**	**A**	**1,382,528**	**1061**	**448**
*EA8CDI	"	996,710	703	410
*EC8AFM	"	733,866	555	346
*EA8BUR	"	286,391	356	251
***EC8AQQ**	**21**	**143,370**	**274**	**177**
***ED8D**	**14**	**1,069,076**	**759**	**482**
			(OP: EA8BHD)	
*EA8BGO	"	26,928	109	99
Ghana				
***9G5ZS**	**A**	**14,342**	**76**	**71**
Madeira Islands				
CT9L	**A**	**15,981,472**	**4198**	**1066**
			(OP: DF7ZS)	
***CT3HF**	**A**	**226,240**	**342**	**224**
*CS9UW	"	6,837	55	53
Morocco				
CN2R	**14**	**15,778,840**	**4429**	**1199**
			(OP: W7EJ)	
***CN2BC**	**A**	**4,698,149**	**1998**	**779**
			(OP: DL7BC)	
*5C5W	"	2,183,780	1156	548
			(OP: CN8KD)	
*CN4P	"	112,047	230	169
			(OP: CN8NK)	
***CN8YE**	**14**	**140,910**	**235**	**210**
Mozambique				
C91R	**A**	**646,548**	**617**	**358**
Namibia				
***V51YJ**	**21**	**31,815**	**109**	**105**

Senegal				
***6V7E**	**21**	**1,353,905**	**908**	**505**
			(OP: RW3TN)	
South Africa				
ZS9Z	**A**	**1,515,036**	**1031**	**503**
ZS2DL	"	449,920	522	296
***ZS4JAN**	**A**	**8,848**	**85**	**56**
***ZS6CCW**	**21**	**104,475**	**211**	**175**
*ZS6MHH	"	8,624	57	56
Sudan				
***ST2KSS**	**A**	**1,242,096**	**915**	**458**
			(OP: ST2M)	
Tunisia				
3V8BB	**A**	**13,999,022**	**3719**	**1019**
			(OP: YT1AD)	

ASIA

Armenia

EK3SA	**14**	**1,618,758**	**1072**	**558**

Asiatic Russia

UA9CDC	**A**	**8,574,630**	**2643**	**867**
UA9PC	**"**	**8,520,930**	**2775**	**855**
RW9USA	"	7,102,942	2453	847
RO9O	"	5,061,378	2128	777
			(OP: RZ9OO)	
RV9SV	"	3,066,255	1440	603
RU9AC	"	3,008,544	1342	592
RK9CWW	"	2,606,620	1285	590
			(OP: RA9CMO)	
UA9JDP	"	2,345,536	1226	536
RT9S	"	1,532,102	943	487
			(OP: UA9SP)	
RX9JP	"	427,610	468	305
RK9CR	"	418,600	481	280
UA9FGJ	"	311,736	362	248
RV9XO	"	302,207	373	277
RV9AZ	"	97,836	213	186
RW9WA	"	88,960	196	160
UA9CIR	"	24,297	103	91
UA9SAW	"	21,080	96	85
UA9QGS	"	20,970	97	90
UA9CGL	"	9,408	54	49
RX9FW	"	5,490	49	45
*R35NP	A	1,020	20	17
			(OP: RW1AI)	
UA9SCX	**21**	**193,170**	**310**	**235**
RZ9YF	"	8,052	64	61
RZ9OJ	**14**	**51,610**	**149**	**130**
RK9KWI	"	46,305	146	135
RV9JE	"	6,477	53	51
RZ9CQ	"	4,173	41	39
RX9UKF	**3.7**	**12,648**	**69**	**51**
***RX9AM**	**A**	**1,826,478**	**1098**	**522**
*UA9ACJ	"	869,778	643	354
*RL9AA	"	583,780	538	340
*RK9AJZ	"	502,920	507	330
*RA9AAA	"	495,608	509	328
*UA9MR	"	453,000	495	302
*RX9FR	"	420,348	449	276
*RX9WN	"	416,292	431	339
*RU9CD	"	247,696	326	226
*RV9CBW	"	244,902	324	238
*RZ9UGN	"	174,231	312	239
*RZ9OQ	"	138,960	254	193
*RX9CCJ	"	136,682	234	182
*RA9AP	"	100,196	190	148
*RA9MC	"	87,711	212	169
*RX9DJ	"	79,424	198	146
*UA9MD	"	64,532	170	146
*RA9SAS	"	43,008	147	112
*RV9UP	"	28,120	100	95
*RV9MN	"	25,662	110	94
*RA9AMO	"	8,960	68	64
*RU9YF	"	6,392	52	47
*RX9FO	"	4,514	40	37
*UA9TF	"	3,510	44	39
*RV9UB	"	726	23	22
*RA9UCD	"	672	18	14
***UA9AX**	**21**	**133,956**	**205**	**244**
*RW9RA	"	70,356	186	143
*RA9MX	"	25,970	112	106
*RA9JP	"	13,908	88	76
*RA9FEL	"	12,870	74	65
*UA9QQ	"	7,920	58	55
*RV9YK	"	1,984	36	32
***RA9XU**	**14**	**289,192**	**384**	**296**
*RK9UN	"	231,804	397	282
*RX9FG	"	177,144	283	244
*RA9XF	"	167,544	288	234
*RW9TP	"	70,416	179	163
*RU9WZ	"	36,533	134	119
*RA9JBA	"	23,876	108	94
*RA9JM	"	23,128	100	98
*RK9UAC	"	22,533	94	87
*UA9AL	"	8,614	63	59
*UA9ODE	"	5,684	49	49
*RN9AS	"	3,293	40	37
*UA9JMB	"	288	18	16
*RA9DR	"	28	4	4
***RA9UAD**	**7**	**40**	**5**	**4**
***UA9WIK**	**3.7**	**82,992**	**157**	**112**
UAØANW	**A**	**562,130**	**604**	**335**
UAØDC	"	455,040	578	320
RKØAB	"	286,366	427	262
UAØACG	"	247,396	478	254
UAØSR	"	140,400	278	216
RAØAA	"	102,660	233	174
RKØUT	"	76,140	227	162
UAØFDX	"	58,674	213	127
UAØDAM	"	55,594	201	133
RUØLL	"	27,438	123	102
UAØUV	"	17,430	96	83
RZØSR	**14**	**1,343,570**	**1054**	**565**
UAØCA	"	1,064,370	1018	510
RAØQD	"	710,120	832	433
UAØIBX	"	98,888	288	188
RXØQA	"	42,084	179	126
RKØAWQ	"	3,441	40	37
RUØAW	**7**	**3,910**	**38**	**34**
RWØCF	**3.7**	**5,560**	**40**	**40**
***UAØCNX**	**A**	**209,466**	**434**	**243**
*UAØIT	"	162,892	332	211
*RZØAO	"	142,628	283	197
*UAØAPV	"	104,576	208	172
*UAØYAY	"	35,280	145	120

*RAØSMS	"	20,116	150	94
*RAØLE	"	17,876	105	82
*RAØCAH	"	14,421	97	69
*RAØAY	"	5,226	48	39
*RZØAK	"	3,078	45	38
***RAØSCA**	**21**	**40,920**	**283**	**120**
*UAØSAD	"	7,493	80	59
***UAØIDZ**	**14**	**544,211**	**609**	**389**
*UAØSJ	"	442,586	582	361
*RVØAL	"	143,100	262	212
*RWØUM	"	124,848	332	216
*RXØAW	"	101,928	217	186
*RWØAA	"	99,792	234	189
*RWØCV	"	73,610	250	170
*UCØLAF	"	49,880	173	145
*RAØACM	"	43,798	163	122
*RUØAT	"	16,800	93	84
*RWØUB	"	2,660	44	38

Azerbaijan

***4J7WMF**	**A**	**368,621**	**410**	**253**
*4K9W	"	73,728	164	144
***4K8M**	**7**	**16,461**	**60**	**59**

Bahrain

A92GR	**A**	**436,248**	**537**	**332**

Bangladesh

***S21YV**	**A**	**19,866**	**123**	**86**

Bhutan

***A52K**	**A**	**3,192**	**63**	**42**

China

BA7IO	**A**	**251,680**	**613**	**260**
BA5DX	"	121,626	376	174
BG5HST	"	18,532	128	82
BG5HSC	"	1,674	31	27
BG5HRE	"	1,242	26	23
***BL7IN**	**A**	**100,230**	**292**	**195**
*BD4RET	"	25,774	151	98
*BD4AGK	"	19,096	109	88
*BY8AC	"	12,986	141	86
			(OP: BD8ATI)	
*BG4TBJ	"	10,143	84	63
*BD4AHS	"	7,375	73	59
*BD4SX	"	5,336	48	46
*BG4XNG	"	4,343	55	43
*BG4JWU	"	3,311	53	43
*BG4DGJ	"	3,204	40	36
*BD4RCS	"	2,730	31	30
*BG3EO	"	2,262	47	39
*BD3MZX	"	1,450	35	29
*BG6AIF	"	1,344	35	28
***BG7NWF**	**28**	**28,014**	**197**	**87**
***BD5HIS**	**21**	**21,168**	**132**	**98**
*BD7IBN	"	15,480	108	90
*BG7IEU	"	1,458	34	27
***BG4DVK**	**14**	**68,445**	**223**	**169**
*BG7LDM	"	22,927	132	101
*BG4KUU	"	21,582	164	99
*BG6AGB	"	13,035	100	79
*BG4JUU	"	9,882	96	81
*BY7KP	"	9,246	91	69
*BG4IGL	"	2,860	47	44
***BG4TYQ**	**7**	**64**	**6**	**4**

Cyprus

H22H	**3.7**	**2,432,692**	**854**	**502**
			(OP: 5B4MF)	

Georgia

4LØA	**A**	**10,017,060**	**3110**	**876**
			(OP: 4L4WW)	
***4L2M**	**14**	**843,480**	**717**	**440**

Hong Kong

VR1ØXMT	**21**	**816,540**	**1164**	**439**
***VR2YKP**	**A**	**35**	**5**	**5**
***VR2YYW**	**14**	**235,535**	**517**	**289**
*VR2PW	"	36,530	143	130
***VR2PX**	**7**	**19,600**	**71**	**70**

India

VU2PTT	**A**	**802,426**	**784**	**421**
VU2SWS	"	530,309	572	361
***VU3USJ**	**14**	**1,200**	**24**	**24**

Iraq

YI9PT	**A**	**816,957**	**761**	**387**

Israel

4Z5ML	**A**	**626,808**	**504**	**312**
4Z4OQ	**14**	**3,983,984**	**1925**	**776**
***4Z5MV**	**A**	**81,396**	**208**	**171**
*4Z5PJ	"	22,250	92	89
***4Z5MY**	**14**	**27,400**	**111**	**100**

Japan

JE1LFX	**A**	**1,454,904**	**1095**	**484**
JR1LZK	"	166,530	324	195
JO1SIM	"	40,710	177	115
JI1ALP	"	21,329	95	77
7J1ABD	"	12,400	75	62
JF1AZQ	"	5,382	59	46
JH1APK	"	4,800	31	30
JH1ACA	**14**	**509,007**	**571**	**383**
***JP1JFG**	**A**	**395,514**	**530**	**301**
*7J1AQH	"	184,416	369	204
			(OP: VE7HA)	
*JA1GLE	"	117,335	273	155
*JE4AEJ/1	"	78,804	247	132
*JA1FRQ	"	52,095	171	115
*JA1XUY	"	47,632	194	104
*JA1XPU	"	46,759	186	107
*JA1VGV	"	17,080	89	70
*JA1ALE	"	12,931	93	67
*JH1OLB	"	9,912	77	59
*JK1NSR	"	8,851	77	53
*JF1HJX	"	7,802	74	47
*JA1AAT	"	6,909	59	47
*JH1HYC	"	4,875	54	39
*JA1BPN	"	4,816	58	43
*JA1BJI	"	3,192	29	28
*JA1LBZ	"	2,604	43	28
*JA1FO	"	2,560	40	32
*JE1JAC	"	2,380	40	28
*JI1UDD	"	1,971	34	27
*JG1FGL	"	1,128	27	24
*JF1RYU	"	1,122	23	22
*JN1DNV	"	264	12	12
***JA1RYC**	**21**	**11,466**	**87**	**63**
*JA1JLP	"	7,008	64	48
*JA1DBG	"	4,100	50	41
*JA1LPQ	"	1,007	23	19
*JE1QCL	"	1,000	22	20
*JA1SMD	"	216	10	9
*JI1LAI	"	48	4	4
***JF1TEU**	**14**	**72,980**	**204**	**164**
*JH1UUT	"	59,888	197	152
*JH1FNU	"	16,896	98	88
*JE1GZB	"	10,640	87	70
*JA1BFN	"	1,050	22	21
*JG1GCO	"	756	22	18
***JH1RDU**	**7**	**1,408**	**16**	**16**
*JK1BII	"	308	11	11
***JE1SPY**	**3.7**	**3,885**	**43**	**35**
JA2PAC	**A**	**2,040,996**	**1248**	**601**
JA2BNN	"	324,816	488	268
JH2FXK	"	202,653	327	253
JJ2CJB	"	147,278	297	211
JF2FIU	"	68,949	211	141
JG2REJ	"	62,061	215	137
JJ2PUG	**21**	**2,040**	**27**	**30**
JA2XCR	**14**	**196,560**	**319**	**260**
***JA2GHP**	**A**	**36,192**	**175**	**96**
*JA2VZL	"	23,940	122	84
*7L2PDJ	"	22,078	111	83
*JA2PFO	"	10,500	70	50
*JA2TTH	"	6,063	59	43
*JQ2OUL	"	2,632	36	28
*JA2DLM	"	960	21	20
***7N2UQC**	**28**	**4,480**	**61**	**40**
***JG2KKG**	**14**	**412,657**	**494**	**353**
JS3CTQ	**A**	**1,420,660**	**1075**	**502**
JA3AOP	"	896,325	797	425
JH3PRR	"	627,057	613	361
JO3DDD	"	201,080	378	220
JA3LEZ	"	90,628	207	163
JA3YBK	**21**	**800,384**	**839**	**416**
			(OP: JS1PWV)	
JH3GCN	**7**	**45,504**	**104**	**96**
***JA3UWB**	**A**	**97,376**	**248**	**179**
*JR3RIY	"	66,640	180	119
*JA3PYC	"	38,304	138	112
*JH3PTC	"	30,874	146	86
*JA3JM	"	21,440	133	80
*JF3SAD	"	9,500	65	50
*JA3KDJ	"	4,551	57	37
*JO3EVM	"	3,312	39	36
*JR3SZZ	"	1,764	37	28
*JA3EOE	"	341	13	11
***JL3MCM**	**28**	**6,864**	**48**	**66**
***JF3BFS**	**21**	**24,395**	**126**	**85**
*JR3KAH	"	2,760	40	30
*JA2VSU/3	"	765	19	17
***JA3COA**	**14**	**192**	**8**	**8**
***JF3IYW**	**7**	**7,396**	**46**	**43**
*JI3MCM	"	104	8	8
JH4UYB	**A**	**5,407,080**	**2093**	**840**
JA4NQD	"	5,670	59	45
JH4UTP	**28**	**15,276**	**109**	**57**
JM4WUZ	**14**	**7,560**	**64**	**54**
***JA4BDY**	**A**	**7,904**	**68**	**52**
***JF4GWA**	**28**	**153**	**9**	**9**
***JR4LRY**	**21**	**6,721**	**68**	**47**
*JA4CBX	"	585	15	15
***JR4FLW**	**14**	**25,100**	**114**	**100**
*JA4AQR	"	18,445	92	85
***JR4URW**	**7**	**14,328**	**88**	**72**
JA5FBZ	**21**	**35,534**	**148**	**109**
***JA5ND**	**A**	**198**	**12**	**11**
JA6BZI	**A**	**91,035**	**187**	**153**
JE6DND	"	35,898	138	93
JH6AUS	**28**	**33,803**	**189**	**77**
***JA6DIJ**	**A**	**102,672**	**274**	**186**
*JQ1AHZ/6	"	8,670	84	51
*JA6AVT	"	6,700	63	50
***JH6WXF**	**21**	**7,140**	**69**	**51**
***JH6QFJ**	**14**	**14,592**	**86**	**76**
JA7COI	**A**	**427,040**	**605**	**272**
JE7YSS	"	100,308	247	156
			(OP: 7N4TEN)	
JA7ZP	"	47,151	155	117
JH7DUM	"	2,816	39	32
JA7JH	**28**	**2,604**	**37**	**31**
JH7XMO	**21**	**149,768**	**341**	**193**
JA7AKH	**14**	**290,019**	**435**	**277**
JH7QXJ	"	171,082	315	226
***JA7LMZ**	**A**	**395,416**	**517**	**307**
*JL7XBN	"	24,388	131	91
***JA7HYS**	**14**	**1,122**	**23**	**22**
*JF7GDF	"	578	18	17
JH8FIH	**A**	**121,813**	**262**	**181**
***JL8MBF**	**A**	**22,386**	**124**	**82**
***JA8IJI**	**14**	**19,350**	**108**	**86**
JA9CCG	**A**	**24,297**	**124**	**91**
***JF9KVT**	**A**	**39,882**	**184**	**102**
*JA9TQY	"	19,053	118	87
***JH9URT**	**7**	**54,992**	**159**	**112**
***JHØNEC**	**A**	**232,971**	**377**	**237**
*JHØCCK	"	13,752	78	72
*JAØGEY	"	9,240	73	56
***JHØEPI**	**14**	**175,788**	**321**	**228**

Kampuchea

***XU7ACY**	**A**	**1,124,840**	**1412**	**461**

Kazakhstan

UPØL	**A**	**7,618,760**	**2593**	**790**
			(OP: UN9LW)	
UN7PL	"	606,209	571	347
UN6G	"	44,034	156	123
UN5J	"	242	12	11
UN7MMM	**14**	**2,195,856**	**1273**	**621**
UN9L	"	1,098,720	814	504
UN7QF	"	187,036	360	214
***UP6P**	**A**	**972,089**	**781**	**421**
			(OP: UN6P)	
***UP8A**	**21**	**4,641**	**44**	**39**
***UN7JX**	**14**	**599,073**	**620**	**397**
*UN6LN	"	573,806	566	379
*UO6P	"	530,216	570	347
			(OP: UN7PBY)	
*UN4PG	"	222,360	336	255
*UO7ØF	"	126,684	240	204
*UN7EX	"	24,840	100	90
***UN5C**	**3.7**	**4,002**	**34**	**29**

Kyrgyzstan

EX2T	**A**	**357,272**	**518**	**284**
EX8MAT	"	160,392	221	163
***EX7ML**	**21**	**125,296**	**302**	**191**

Laos

XW1A	**14**	**8,784**	**66**	**61**

Macau

***XX9AU**	**21**	**3,995**	**60**	**47**

Mongolia

***JT1BV**	**A**	**773,568**	**974**	**408**

Ogasawara

***JD1BIA**	**21**	**3,420**	**42**	**36**

Oman

***A41MX**	**A**	**807,222**	**765**	**393**

Saudi Arabia

***7Z1SJ**	**A**	**3,767,244**	**1946**	**741**
*HZ1PS	"	189,840	297	226

Singapore

9V1YC	**A**	**3,856,128**	**2215**	**768**
9V1UV	"	35,046	166	118

South Korea

HL2FDW	**A**	**625,666**	**1026**	**307**
HL5JCB	"	30,260	139	89
DS5DNO	"	15,774	95	66
***DS5KJR**	**A**	**52,614**	**214**	**111**
*HL5YI	"	4,268	55	44

Taiwan

BX5AA	**A**	**1,138,212**	**1429**	**486**
***BV4VR**	**A**	**56,440**	**244**	**136**
*BU2AE	"	51,328	227	128
*BX4AQ	"	50,908	240	143

Tajikistan

EY2Q	**21**	**33,592**	**137**	**104**
			(OP: EY8CQ)	
***EY8DQ**	**21**	**47,838**	**165**	**134**

Thailand

HSØZDR	**21**	**17,220**	**100**	**84**
***HSØZCW**	**A**	**2,025,368**	**1513**	**619**
*HS1CKC	"	938,546	1111	427
***E2ØYLM**	**21**	**1,034**	**28**	**22**
***E21YDP**	**14**	**182,000**	**325**	**250**
***E21EIC**	**7**	**136,594**	**230**	**163**

Turkey

TA3YJ	**7**	**2,400**	**20**	**20**
***TC3D**	**A**	**6,757,972**	**2384**	**769**
			(OP: TA3D)	
*TA1CM	"	161,777	245	191
***TA2IB**	**21**	**4,400**	**45**	**40**
*TA1HZ	"	3,838	44	38
***TA3J**	**7**	**7,770**	**37**	**37**
***YMØT**	**1.8**	**94,518**	**143**	**118**
			(OP: TA2RC)	

UK Bases on Cyprus

ZC4LI	**7**	**18,126**	**57**	**57**

Uzbekistan

***UK7F**	**21**	**165,375**	**316**	**245**

Vietnam

XV1X	**A**	**377,848**	**730**	**292**

West Malaysia

9M2MT	**A**	**435,404**	**704**	**337**
***9M2TO**	**A**	**345,072**	**622**	**312**
***9W2DRL**	**28**	**9,782**	**119**	**67**

EUROPE

Austria

OE6MDF	**A**	**539,708**	**607**	**388**
OE1C	"	227,106	421	279
			(OP: OE1MHL)	
OE/K5ZD	"	181,655	306	235
			(OP: K5ZD)	
OE6V	**14**	**1,422,596**	**1241**	**658**
***OE3BCA**	**A**	**396,306**	**519**	**358**
*OE3DMA	"	91,956	241	194
*OE5CWO/2	"	88,464	250	194
*OE7AJT	"	68,288	205	176
*OE5UAL	"	38,440	134	124

Azores

CU3FV	**A**	**1,106,448**	**1005**	**534**

Balearic Islands

EA6SX	**A**	**4,284,054**	**1919**	**841**
***EA6XQ**	**A**	**187,372**	**358**	**278**
*EA6AFM	"	1,495	25	23
***EC6UD**	**28**	**1,140**	**21**	**20**

Belarus

EV1R	**A**	**1,841,840**	**1389**	**644**
			(OP: EU1PA)	
EW2EO	"	7,392	63	56
EW4MM	**21**	**64,419**	**83**	**327**
EW8DX	**14**	**252,015**	**488**	**317**
EW6GF	"	149,725	383	265
EV1Z	**3.7**	**122,400**	**260**	**200**
			(OP: EU1UN)	
***EW7LE**	**A**	**8,107**	**70**	**67**
*EW8DA	"	7,239	61	57
*EW6GL	"	3,145	42	37
***EW6DX**	**14**	**53,720**	**203**	**170**
***EU1DZ**	**3.7**	**104,139**	**238**	**189**
*EV6M	"	63,900	176	142

Belgium

OT2A	**A**	**2,220,288**	**1534**	**708**
ON7ON	"	17,298	100	93
***ON4CT**	**A**	**343,416**	**481**	**349**
*OO5D	"	200,256	339	298
			(OP: ON5SD)	
*OQ4A	"	160,146	350	246
			(OP: ON6ML)	
*ON4CAS	"	112,350	262	210
*ON3AR	"	83,727	256	189
*ON4AAA	"	11,484	71	66
***OT2C**	**14**	**156,429**	**342**	**273**
*ON7BBR	"	34,450	149	130
***OO6U**	**3.7**	**145,197**	**339**	**219**
			(OP: ON6UU)	
*ON8PH	"	107,759	277	197

Bosnia-Herzegovina

E77EZ	**3.7**	**354,662**	**497**	**329**
***E74AA**	**A**	**1,064,469**	**1082**	**519**
*E72WG	"	68,480	206	160
***E73ACL**	**14**	**35,775**	**160**	**135**
*T97J	"	2,226	45	42
			(OP: YU2EA)	
***E77DO**	**7**	**780,858**	**765**	**426**
***E77AR**	**3.7**	**1,404**	**28**	**27**

Bulgaria

LZ2SX	**A**	**976,752**	**1095**	**532**
LZ1ND	"	226,947	507	303
LZ1BJ	"	76,110	221	177
LZ1AQ	"	54,931	187	163
LZ2JR	"	1,372	29	28
LZ3GA	"	630	15	15
LZØ8IPY	"	297	16	11
LZØ5ANT	"	220	10	10
LZ2PG	**21**	**22,968**	**92**	**99**
***LZ4UU**	**A**	**636,141**	**771**	**407**
*LZ2HA	"	207,360	398	288
*LZ1IKY	"	198,220	397	265
*LZ1ONK	"	69,324	217	159
*LZ5XQ	"	42,059	174	137
*LZ2DF	"	12,744	82	72
*LZ1WJ	"	6,200	50	50
*LZ2HN	"	2,838	33	33
***LZ2PEP**	**21**	**68,040**	**209**	**162**
***LZ13ØJA**	**14**	**401,821**	**742**	**419**
*LZ1CAR	"	37,240	158	140
***LZ5W**	**7**	**1,057,707**	**859**	**489**
*LZ2FM	"	32,591	119	109

Crete

SV9COL	**A**	**225,261**	**466**	**309**

Croatia

9A3KS	**A**	**23,458**	**86**	**74**
9A5Y	**21**	**1,248,650**	**1073**	**650**
			(OP: 9A3LG)	
9A4W	"	991,800	1068	570
9A6A	**3.7**	**1,684,256**	**1272**	**584**
9A3B	"	1,244,740	1044	523
			(OP: 9A2VR)	
9A5D	"	956,823	891	483
			(OP: 9A3ID)	
***9A4VM**	**A**	**115,786**	**254**	**209**
*9A6KTB	"	111,588	288	204
*9A3QB	"	75,330	209	162
*9A3TU	"	39,324	137	113
*9A8A	"	17,138	89	82
*9A2GA	"	17,098	93	83
*9A1MM	"	10,758	75	66
*9A1DL	"	2,926	40	38
***9A5ØKDE**	**14**	**1,513,400**	**1347**	**644**
			(OP: 9A1AA)	
*9A6AJ	"	53,424	206	168

Czech Republic

OK5R	**A**	**9,315,900**	**3127**	**1100**
OK6TW	"	413,345	574	361
OK1FRO	"	26,910	133	117
OK1MJA	"	5,264	62	56
OK2BND	"	2,275	38	35
OK1DX	**21**	**51,072**	**166**	**133**
OK2ABU	"	10,850	78	62
OK2BYW	**3.7**	**1,788,534**	**1314**	**594**
OK1W	"	817,180	779	455
			(OP: OK2WM)	
***OK1WCF**	**A**	**1,534,468**	**1162**	**598**
*OK6Y	"	782,292	779	469
			(OP: OK2PTZ)	
*OK2MBP	"	530,600	699	379
*OK2BEN	"	351,624	502	312
*OK1DKR	"	232,290	403	290
*OK6AY	"	225,736	381	278
*OK1MKU	"	210,386	345	262
*OK2BRX	"	183,954	365	258
*OK1HEH	"	176,736	376	263
*OK1BA	"	167,232	360	268
*OL2T	"	161,750	357	250
			(OP: OK2TC)	
*OK1TC	"	155,363	312	247
*OK4AS	"	146,370	322	238
*OK2KFK	"	98,697	273	197
			(OP: OK2ABU)	
*OK4DZ	"	88,451	230	187
*OK7N	"	63,176	180	149
*OK1UDJ	"	62,976	204	164
*OK1LO	"	59,408	196	158
*OK2PBG	"	58,720	201	160
*OK2SAR	"	43,722	161	126
*OK2PHI	"	39,168	159	136
*OK1TRA	"	37,000	145	125
*OK1SI	"	31,707	134	117
*OK4AZ	"	12,859	80	77
*OK2BJ	"	5,628	46	42
*OK1VHV	"	3,690	50	45
*OK1URO	"	1,792	34	32
*OL1ATB	"	675	15	15
***OK1DKA**	**21**	**46,550**	**155**	**133**
*OK1ULE	"	27	3	3
***OK1MMN**	**14**	**36,300**	**153**	**132**
*OK1DI	"	22,148	112	98
*OK2SWD	"	888	25	24
***OK2BUT**	**7**	**123,200**	**236**	**200**
*OK1UG	"	95,744	206	187
*OK2XKA	"	50,518	143	134
***OL5J**	**3.7**	**558,298**	**712**	**394**
			(OP: OK1RZ)	
*OK2WYK	"	41,796	151	129
***OL6P**	**1.8**	**41,396**	**172**	**131**
			(OP: OK2WTM)	
*OK1JOK	"	32,096	141	118
*OK1KZ	"	2,176	36	34

Denmark

OZ5EV	**A**	**377,856**	**443**	**384**
OZ/DL1TM	"	276,640	458	304
OZ/DJ4MG	"	152,514	344	229
OZ8PI	"	5,005	58	55
OZ2PBS	"	3,268	45	38
OZ1ADL	**3.7**	**584,350**	**651**	**403**
OZ1AXG	**1.8**	**42,444**	**130**	**162**
***OZ1ACB**	**A**	**228,636**	**402**	**292**
*OZ2DAN	"	96,248	261	212
*OZ4RT	"	39,390	139	130
*OZ1XV	"	16,781	108	97
*OZ6TL	"	6,840	59	57
*OZ1DGQ	"	1,134	30	27
*5P4RT	"	476	14	14
***OZ6OQ**	**7**	**15,792**	**90**	**84**

England

M6T	**A**	**9,975,816**	**3476**	**1047**
			(OP: G4PIQ)	
M8C	"	928,574	974	527
GØMTN	"	377,104	547	364
MØWLF	"	367,734	510	334
G3TXF	"	137,532	267	219
G4OWT	"	121,695	236	183
G4MKP	"	93,933	256	189
G4FAL	"	53,818	179	142
GØGFQ	"	51,972	174	142
G8DYT	**3.7**	**434,190**	**497**	**353**
***G4DFI**	**A**	**306,525**	**469**	**335**
*GB9ØRAF	"	292,400	488	344
			(OP: G3VAO)	
*G2C	"	265,124	457	316
			(OP: F8CKH)	
*G4DBW	"	195,021	396	279
*G8MIA	"	146,993	334	253
*G4WGE	"	116,256	299	224
*2EØPLA	"	91,739	259	199
*G1FON	"	89,621	281	217
*GØCER	"	81,965	208	169
*G8ZRE	"	81,755	266	197
*MØMCX	"	81,328	240	184
*2E1FVS	"	59,532	194	164
*MØSDY	"	47,762	157	143
*2EØSJC	"	41,273	176	149
*M5KJM	"	33,411	142	129
*GØKDS	"	33,033	128	121
*G4NXG	"	26,304	110	96
*M3ENF	"	25,538	120	113
*G6UBM	"	22,422	118	101
*G6CSY	"	22,295	103	91
*MØTLN	"	20,790	121	110
*GØMLY	"	19,251	111	93
*2EØPSK	"	17,266	102	97
*MØJPF	"	16,660	101	98
*M3OHI	"	15,288	110	98
*MØYOY	"	12,480	83	78
*M3PZT	"	10,611	92	81
*G8YTC	"	3,408	51	48
*G4SGI	"	2,914	49	47
*MØBGR	"	234	13	13
*G4LMW	"	24	2	2
***G3WW**	**14**	**468**	**18**	**18**
***G7TWC**	**7**	**294,465**	**406**	**293**
*M3RCV	"	22,860	94	90
***MØEZP**	**1.8**	**98**	**7**	**7**

Estonia

ES5GI	**A**	**270,475**	**546**	**349**
ES8DH	"	52,298	180	158
ES1A	**7**	**329,058**	**405**	**303**
			(OP: ES1GE)	
***ES6RMR**	**A**	**19,136**	**111**	**104**
*ES2BH	"	5,642	64	62
***ES4RD**	**14**	**116,550**	**263**	**225**
***ES1LS**	**7**	**120,768**	**249**	**204**

European Russia

RM3F	**A**	**4,366,560**	**2423**	**880**
			(OP: UA3DPX)	
RG3K	"	3,311,529	2350	779
			(OP: UA3QDX)	
RS3A	"	2,966,340	1875	780
			(OP: RA3CW)	
UA4WKW	"	2,681,206	1857	737
RW1ZA	"	2,592,910	1966	766
UA4FER	"	2,411,805	1788	705
RV4HC	"	2,155,365	1762	681
UA6GP	"	1,949,220	1468	663
RD4WA	"	1,909,173	1556	687
UA6UDV	"	1,534,280	1334	605
RN3ZC	"	1,524,772	1361	586
UA6YIU	"	1,361,835	1256	571
RA3AUM	"	1,282,500	1099	540
RY4I	"	1,219,738	1283	559
UA4SKW	"	960,000	780	480
UA3VFS	"	896,852	994	484
RA3RK	"	580,723	752	403
RW4PL	"	572,468	669	404
RA3NC	"	402,335	578	335
RX3AGD	"	330,484	411	319
RA1AGL	"	256,734	498	306
RD3A	"	244,904	378	242
			(OP: RD3AF)	
RU6YZ	"	226,200	455	325
RL3AW	"	203,872	289	277
RK3FQ	"	191,690	409	290
RK3QS	"	188,832	401	281
RU6YK	"	180,804	343	244
RX4WX	"	163,056	372	237
UA4NC	"	106,368	267	192
RU3UR	"	80,194	281	202
RZ3DA	"	77,525	209	175
RU6YJ	"	64,680	191	147
UA3DUJ	"	59,607	220	179
RL3AO	"	57,512	205	158
RA6AR	"	41,602	139	122
UA3DAM	"	33,410	153	130
RN3REY	"	27,027	114	99
UA3QFU	"	26,945	112	85
UA3AGW	"	23,994	99	86
RX3VF	"	20,172	129	123
RN1ON	"	10,205	72	65
RA4UVK	"	9,700	62	50
UA6LPY	"	8,008	55	44
U1BB	"	7,931	82	77
RX6CC	"	5,978	52	49
RA3FD	"	276	12	12
UA6AK	**28**	**5**	**5**	**5**
RL3BM	**21**	**103,179**	**258**	**211**
RW6ATJ	"	55,068	187	156

R3K	**14**	**3,882,440**	**2462**	**961**
RZ1ZZ	"	760,200	1087	543
RA1AW	"	386,630	668	410
RA4LBS	"	26,201	144	133
RA4HTX	"	19,800	123	110
RN1NU	"	13,884	83	78
RK3GWW	"	12,015	99	89
				(OP: RN3GA)
RW6BN	**7**	**89,178**	**202**	**167**
UA6AKD	**3.7**	**29,715**	**123**	**105**
RA6DB	**1.8**	**84,597**	**226**	**173**
***RV6LFE**	**A**	**1,316,714**	**1223**	**577**
*UA4FRL	"	1,215,504	1178	552
*UA3BL	"	809,977	896	461
*RK3MWI	"	654,885	742	405
				(OP: UA3MSA)
*UA1CEI	"	494,424	667	378
*RK6CK	"	458,631	670	389
*RA6GW	"	366,912	555	364
*RA3MR	"	366,748	542	331
*RZ3TZZ	"	366,114	596	379
*RW3XZ	"	362,140	578	380
*RV3LO	"	340,392	512	312
*RK4CB	"	327,187	496	301
*UA1CUR	"	317,988	530	292
*UA4PAN	"	290,472	482	273
*RU6HJ	"	289,380	493	318
*RN3AHL	"	282,653	404	271
*UA3QOS	"	276,520	454	310
*RK4PB	"	264,578	417	263
*UA3UNP	"	246,448	430	292
*RA1AFR	"	216,050	385	298
*UA1AFZ	"	193,949	388	269
*RA4ACX	"	181,306	366	269
*RD3WF	"	180,544	388	217
*UA3OQ	"	169,520	356	260
*RN3ZR	"	151,526	347	239
*U1BA	"	137,340	329	252
*RX3QDF	"	133,515	301	207
*RV1CB	"	124,542	323	222
*RU3XY	"	124,460	281	196
*RA3MB	"	117,055	267	205
*UA4AAC	"	115,404	259	177
*RL3FO	"	81,408	241	192
*RV4LC	"	71,740	215	170
*RN4NF	"	71,604	180	156
*RA6HSM	"	68,040	207	140
*RL3WX	"	66,062	182	134
*UA3AIU	"	65,472	221	176
*RW3WX	"	64,558	203	169
*UA3ACL	"	61,462	209	158
*RN4CA	"	57,812	191	149
*RA1AGU	"	51,520	156	140
*UA3ABJ	"	47,422	169	131
*RN3ZIN	"	46,368	169	144
*UA3FDX	"	44,144	158	124
*RW3VZ	"	41,984	147	128
*RW6HPD	"	41,860	210	161
*RV4HL	"	39,128	153	134
*RA4PX	"	36,300	142	121
*UA3AKI	"	35,143	142	113
*RA6FUZ	"	34,944	132	112
*RV3ZL	"	34,720	150	124
*RA3TLA	"	34,224	154	124
*RA3VE	"	33,787	138	113
*UA3DFR	"	32,258	148	127
*UA3RW	"	31,065	132	109
*RU3XB	"	29,890	143	122
*RV3MI	"	27,480	140	120
*RZ3DC	"	25,317	124	87
*RA6XB	"	23,585	103	89
*RA4FUN	"	23,474	120	97
*RU4FA	"	21,912	103	88
*RV6BK	"	19,594	102	97
*RA3VR	"	19,320	99	84
*RA3TUT	"	17,512	95	88
*RU3VD	"	17,228	73	73
*RL3AJ	"	14,996	103	92
*RA4NCC	"	14,705	98	85
*RU3UW	"	13,197	87	83
*RU4WD	"	11,285	74	61
*RA1QDP	"	10,626	74	66
*RX3MM	"	8,260	66	59
*RA3RBL	"	5,600	46	40
*UA6YI	"	4,182	43	34
*RW4LQ	"	3,441	37	31
*RV3DHC	"	3,139	45	43
*RA3RGQ	"	2,835	32	27
*UA3MEJ	"	2,821	35	31
*RU4CS	"	2,813	35	29
*UA4FUW	"	2,484	41	36
*RN4AM	"	2,345	39	35
*UA3DSS	"	1,827	30	29
*RZ3VA	"	1,647	29	27
*RZ3ATG	"	1,288	24	23
*UA6AN	"	874	20	19
*UA3GHM	"	611	14	13
*UA4WAG	"	140	7	7
*RN6DR	"	15	3	3
***RW6CW**	**28**	**472**	**4**	**59**
***UA4LW**	**21**	**7,296**	**60**	**57**
*RD6LP	"	5,760	52	48
*RK6CM	"	5,454	47	54
***UA1AQA**	**14**	**377,235**	**609**	**415**
*RW1CW	"	373,324	536	398
*RU3SE	"	161,912	378	296
*RU3FN	"	108,092	289	244
*UA6ARR	"	90,252	252	207
*RX3DBG	"	46,956	195	172
*RW6AH	"	46,508	183	154
*RL3AB	"	38,905	182	155
*RA3DGH	"	38,212	186	164
*RV6AMI	"	17,649	113	111
*UA4ACP	"	7,688	75	62
*RZ3ATE	"	5,529	58	57
*RW3XL	"	3	1	1
***UA3FX**	**7**	**115,900**	**234**	**190**
*UA1ANA	"	21,526	101	94
***RV3WT**	**3.7**	**492,156**	**597**	**378**
*RA3QH	"	104,517	244	189
*UA2FFX/1	"	101,994	251	191
*RA3QG	"	14,688	82	68
***RA6MT**	**1.8**	**13,604**	**90**	**76**
*UA3QDF	"	7,326	57	74

Faroe Islands

***OY9R**	**A**	**104,085**	**344**	**257**

Finland

OG8X	**A**	**5,841,780**	**2858**	**980**
				(OP: OH6UM)
OG6A	**"**	**5,266,170**	**2454**	**910**
				(OP: OH6KZP)
OH1RX	"	1,381,788	1105	586
OH6RE	"	610,985	778	445
OH1BV	"	110,656	272	208
OH2NRG	"	893	20	19
				(OP: OH2LRE)
OG5M	**14**	**1,549,560**	**1522**	**698**
				(OP: OH5KS)
OH8L	"	1,455,006	1362	707
				(OP: OH8LQ)
OH2K	"	980,685	992	589
				(OP: OH2LZC)
***OH3DP**	**A**	**67,423**	**212**	**191**
*OH8GZQ	"	17,304	114	103
*OH7JHA	"	16,400	106	100
*OH6GFI	"	104	9	8
***OH6RC**	**14**	**33,572**	**160**	**154**
*OH8GZN	"	13,585	106	95
***OG8A**	**7**	**113,094**	**230**	**183**
				(OP: OH8VJ)
*OH6JYH	"	2,240	31	28
***OH6AC**	**1.8**	**4,876**	**54**	**46**

France

F6DZU	**A**	**2,037,516**	**1401**	**706**
F5BBD	"	867,510	887	486
F4DSK	"	194,790	383	258
F5VHY	"	84,466	206	157
F4CPF	"	43,692	161	132
F8DVD	"	19,080	82	72
F8CRS	"	14,300	75	65
TM4W	**21**	**491,928**	**646**	**412**
				(OP: F5HRY)
TM1W	**14**	**4,473,924**	**2337**	**884**
F1UVN	**3.7**	**33,396**	**125**	**121**
***F4FLQ**	**A**	**1,561,716**	**1163**	**639**
*TM7C	"	855,337	840	497
				(OP: F8AKS)
*F5LIW	"	430,124	545	367
*F4FDA	"	416,780	544	364
*F4FFH	"	268,736	438	304
*F5ODA	"	208,936	390	287
*F6DRP	"	200,020	390	292
*F4DLL	"	164,700	358	244
*F4FEP	"	126,792	281	216
*F1RUK	"	118,456	283	221
*F5LCU	"	115,316	261	227
*F5AQB	"	98,784	286	224
*F1ADG	"	91,575	237	185
*F5KKD	"	67,200	209	175
				(OP: F4EYQ)
*F1RHS	"	49,305	209	173
*F4CUI	"	36,288	143	126
*F5GGL	"	28,160	124	110
*F4BDG	"	21,690	98	90
*F1ICS	"	14,022	92	82
*F5RDS	"	13,622	111	98
*F4CGJ	"	8,908	79	68
*F2RO	"	6,360	54	53
*F5IYJ	"	5,368	64	61
*F1SMV	"	2,774	39	38
*F6CZV	"	2,139	34	31
*F1IWH	"	770	22	22
*F1RIQ	"	2	2	2
***F5TMJ**	**28**	**1,863**	**29**	**23**
***F5SDD**	**21**	**10,140**	**64**	**60**
***F5OTZ**	**14**	**108,204**	**304**	**254**
***F5BEG**	**3.7**	**468,096**	**589**	**368**

Germany

DL3TD	**A**	**5,084,642**	**2371**	**907**
DH2WQ	"	2,338,032	1525	727
DL2AA	"	1,321,008	1114	584
DK1KC	"	926,224	908	488
DF9OO	"	495,966	595	393
DL9GWD	"	472,004	597	377
DL1NEO	"	464,128	626	392
DK8EY	"	449,811	563	369
DJ6OZ	"	447,064	515	376
DJ9HX	"	408,800	500	350
DL5MEV	"	392,116	501	334
DL1QQ	"	389,918	622	331
DJ7EC	"	380,702	572	383
DG1EA	"	370,180	519	332
DJ2YE	"	306,504	505	324
DL9DYL	"	174,960	304	243
DL1RYD	"	151,632	334	243
DL8YR	"	148,108	346	244
DL8EAQ	"	144,960	319	240
DL8SCG	"	141,382	278	223
DL4YBP	"	134,780	287	230
DL1PT	"	134,754	296	222
DL5AN	"	126,400	256	200
DL2RTL	"	88,270	256	194
DH1JY	"	84,390	238	194
DM3ML	"	70,684	196	164
DL2MDU	"	66,300	192	150
DJ4QO	"	65,493	203	171
DL1YFF	"	62,125	199	175
DK7AN	"	53,482	177	143
DF7YT	"	49,220	143	115
DL6AG	"	32,700	128	109
DJ6TB	"	27,820	125	107
DL1DTC	"	22,784	99	89
DJ2IA	"	18,090	95	90
DJ8ES	"	17,952	93	88
DL9GTI	"	9,686	60	58
DG2EBW	"	3,268	47	43
DM3VL	"	2,720	33	32
DL7BA	"	2,370	33	30
DL1JGG	**21**	**774**	**18**	**18**
DL1Z	**14**	**2,249,468**	**1408**	**724**
DF1IAQ	"	262,070	422	365
DK1QH	"	33,020	144	127
DHØGDS	"	32,428	160	134
DR8M	"	27,492	134	116
				(OP: DL2QT)
DJØUD	**7**	**820,988**	**866**	**436**
				(OP: DK5JM)
DL3QQ	"	394,416	477	332
DL3KZA	"	261,609	401	291
DL1HUH	"	37,170	130	118
DL1MJF	"	2,262	31	29
DJ1TW	**3.7**	**27,348**	**114**	**106**
DL1SWB	**1.8**	**204,614**	**444**	**263**
DF2UU	"	77,437	199	211
***DD5M**	**A**	**996,870**	**936**	**505**
				(OP: DJØZY)
*DR4G	"	692,172	732	442
				(OP: DJØGM)
*DB7TF	"	513,420	629	398
*DC7NF	"	485,608	615	404
*DO2ML	"	417,925	595	365
*DF8XC	"	339,606	531	342
*DJ8UV	"	326,772	539	348
*DL2VB	"	275,114	472	301
*DF7EF	"	267,520	419	320
*DK5DQ	"	233,480	374	260
*DK7CH	"	210,188	403	281
*DF1LON	"	196,746	387	271
*DGØCC	"	195,624	407	264
*DK1ROB	"	187,726	317	253
*DK7MCX	"	176,210	356	263
*DL9ABF	"	172,190	349	257
*DL5AYI	"	159,000	348	250
*DL6DCD	"	158,000	331	250
*DG6OAG	"	156,488	319	248
*DM5LK	"	149,568	351	246
*DL7VX	"	146,168	340	242
*DLØIH	"	145,116	351	261
				(OP: DF6QC)
*DQ5A	"	140,530	286	230
				(OP: DL4SDW)
*DM2BPG	"	131,660	295	227
*DL6RBH	"	126,854	294	221
*DF2PH	"	125,952	305	246
*DK7TM	"	125,610	327	237
*DG3DAT	"	122,080	311	224
*DM5Z	"	110,376	298	216
				(OP: DM5JBN)
*DO9PL	"	106,708	287	206
*DO9RE	"	102,400	269	200
*DL7FA	"	100,395	277	207
*DL6NAL	"	98,000	243	196
*DH7LF	"	84,000	278	175
*DO1HGS	"	70,269	188	177
*DJ5KW	"	67,513	227	181
*DL1TS	"	65,600	196	164
*DL4DBM	"	60,756	199	166
*DL4EBA	"	59,148	203	159
*DL2YED	"	58,880	205	160
*DH2PL	"	54,385	173	149
*DL1ARJ	"	54,352	191	158
*DL1TPY	"	54,132	206	156
*DG1LS	"	52,332	170	147
*DG6TOM	"	48,018	191	151
*DQ8T	"	46,158	180	147
				(OP: DL8NCG)
*DJ9VA	"	45,426	154	134
*DB2MQ	"	41,004	171	134
*DL6DVU	"	40,320	168	144
*DO3ME	"	36,418	151	131
*DJ7TW	"	31,581	150	121
*DJ6TK	"	29,750	126	119
*DL3KDC	"	29,397	138	123
*DL7VRG	"	21,922	128	113
*DL9SEV	"	21,424	113	104
*DO6SR	"	19,872	117	96
*DG8AM	"	19,623	110	93
*DC4PAS	"	18,414	114	99
*DP5X	"	17,480	110	92
*DL4EBW	"	15,379	104	91
*DM2AWM	"	14,628	99	92
*DK3UO	"	14,442	102	83
*DL2IH	"	13,741	98	91
*DF8JK	"	13,188	98	84
*DH5MM	"	12,702	78	73
*DO1GVT	"	12,640	83	80
*DL8AWJ	"	10,823	86	79
*DL9LF	"	10,780	73	70
*DL3SCN	"	9,940	79	71
*DO8TB	"	9,424	81	76
*DK1TS	"	6,834	69	67
*DK1AX	"	6,832	72	61
*DD8EI	"	6,816	51	48
*DH5WB	"	6,696	65	62
*DNØEMH	"	6,664	55	49
				(OP: DO1DJJ)
*DM3KZN	"	6,325	62	55
*DG6DAF	"	6,148	54	53
*DF2FM	"	5,994	55	54
*DL6JV	"	5,022	66	62
*DG1ROL	"	4,950	52	50
*DL8UGF	"	4,940	56	52
*DO1KUB	"	4,876	55	53
*DK8RE	"	4,608	55	48
*DF6YC	"	4,324	50	47
*DL7CU	"	3,784	48	43
*DJ6UP	"	3,700	51	50
*DL8DXL	"	3,280	42	40
*DK1LRS	"	3,195	48	45
*DO2CT	"	1,885	29	29
*DL4RCK	"	1,380	24	23
*DL9KWW	"	1,316	28	28
*DL9FB	"	667	24	23
*DL7LZ	"	540	19	18
*DG1RZD	"	512	16	16
*DL4NTC	"	496	16	16
*DF7GG	"	230	10	10
***DL1LQL**	**21**	**5,616**	**55**	**52**
*DL8ZAJ	"	4,360	42	40
*DO1AYJ	"	2,706	35	33
***DH2UHF**	**14**	**239,292**	**399**	**306**
*DG1YBO	"	123,998	303	238
*DL3BRA	"	104,412	289	226
*DL9LR	"	37,125	159	135
*DL1GHJ	"	24,846	133	123
*DL4YR	"	20,482	108	98
*DF5BM	"	9,150	86	75
*DC2TOM	"	2,015	31	31
*DL1SBF	"	364	14	14
***DL9ECA**	**7**	**69,391**	**177**	**161**
*DL5RU	"	28,620	114	106
*DB4SP	"	10,584	72	72
***DL1MDU**	**3.7**	**62,805**	**177**	**159**
*DO1MGN	"	23,650	126	110
*DG2BTE	"	3,360	43	42
***DL1HSI**	**1.8**	**2,747**	**42**	**41**
*DL2VSF	"	1,792	32	32

Greece

SX1L	**14**	**1,415,544**	**1793**	**676**
				(OP: SV1JCZ)
SV2GWY	**3.7**	**156,660**	**184**	**420**
***SV1HEM**	**A**	**3,597**	**37**	**33**
***SV1UT**	**21**	**94,966**	**260**	**206**
***SV2FLQ**	**1.8**	**494**	**14**	**13**

Guernsey

***MUØGSY**	**A**	**360,828**	**519**	**351**

Hungary

HA3OV	**A**	**7,968,296**	**3130**	**1064**
HG8R	"	6,211,205	2866	1001
				(OP: HA8JV)
HA1TNX	"	557,032	593	392
HA8TI	"	23,000	96	92
***HA6NL**	**A**	**1,195,315**	**1060**	**515**
*HA1BC	"	551,705	593	385
				(OP: DL1MAJ)
*HA8LMZ	"	79,173	217	171
*HG3FMZ	"	64,295	201	167
*HA2MN	"	21,600	109	90
*HA7MI	"	2,584	35	34
***HA8TP**	**21**	**58,176**	**165**	**144**
***HG3DX**	**14**	**847,476**	**852**	**513**
				(OP: HG3M)
***HA6IAM**	**7**	**105,432**	**230**	**184**
***HA6IGM**	**3.7**	**56,985**	**178**	**145**
***HA8BE**	**1.8**	**229,457**	**404**	**269**

Iceland

TF3AM	**A**	**312,676**	**685**	**364**
TF3SG	"	925	25	25
***TF3DC**	**A**	**5,580**	**67**	**60**

Ireland

EI6JK	**A**	**1,955,232**	**1328**	**657**
EI2JD	"	544,070	679	410
EI8JR	"	93,732	266	214
EI9HX	**14**	**1,668,303**	**1407**	**679**
***EI4CF**	**A**	**218,484**	**354**	**289**
*EI7CC	"	124,372	296	236
*EI4GXB	"	61,537	180	149
*EI4GNB	"	35,868	137	122

Isle of Man

MDØCCE	**A**	**1,471,927**	**1084**	**577**

Italy

I2WIJ	**A**	**2,265,900**	**1485**	**700**
IZ1LBG	**"**	**2,115,280**	**1419**	**685**
IK2SND	"	797,685	862	497
IK8UND	"	539,253	752	419
IZ6CLN	"	484,034	630	422
IV3UHL	"	467,060	604	386
IO2A	"	172,672	339	284
				(OP: IK2RZP)
IWØHLZ	"	115,385	298	235
IWØBCF	"	102,486	254	186
IZ4EFP	"	95,496	233	184
IZ5IJY	"	78,854	247	178
IZØBVU	"	66,836	176	154
IK2IKW	"	37,180	156	130
I1YGQ	"	32,760	147	120
IZ8GNH	"	8,308	64	62
IK8JDH	"	3,906	43	42
IK2GZU	"	2,656	33	32
IK8NBL	"	1,357	25	23
IC8SCI	"	260	10	10
IU3X	**21**	**796,060**	**821**	**530**
				(OP: IV3SKB)
IT9STX	**14**	**2,415,420**	**1760**	**810**
IR2M	"	2,054,396	1440	764
				(OP: IZ2FDU)
IR2A	"	268,035	498	321
				(OP: I2UIY)
IW2MWZ	"	107,865	333	235
IZ4AKS	"	91,530	307	226
IZ1GAR	**7**	**1,164,096**	**960**	**516**
IT9RBW	**3.7**	**950,137**	**813**	**487**
IO3X	"	208,458	294	333
IK2DZN	**1.8**	**31,088**	**132**	**116**
***IZ2FOS**	**A**	**2,706,688**	**1781**	**776**
*IU9A	"	1,262,602	1526	638
*IV3BTY	"	862,815	874	485
*I1EIS	"	766,055	795	439
*IZ3KKE	"	702,093	726	469
*IT9ESW	"	415,140	601	370
*IO1T	"	211,950	360	270
*IZ5ICH	"	170,496	344	256
*IK7NXU	"	165,205	295	235
*IW4EOI	"	158,880	312	240
*IK1LJO	"	143,871	286	217
*IZØFWD	"	140,958	313	246
*IR9Z	"	140,556	296	212
				(OP: IT9VCE)
*IZ2JPN	"	112,612	235	188
*IK4QJF	"	112,200	253	200
*IK7SBU	"	109,649	264	199
*IK3UNA	"	99,348	289	204
*IW9FI	"	97,500	257	195
*IZ8JFL	"	87,870	224	174
*IW5ECP	"	84,422	246	191
*IK2YSJ	"	82,320	256	196
*IZ8FTW	"	76,400	244	191
*IT9JDH	"	68,820	216	155
*IZ1KGY	"	65,221	210	173
*IT9LED	"	60,684	196	156
*IK3SSW	"	58,608	186	176
*IZ1GLX	"	56,950	200	170
*IK5FKF	"	51,450	190	150
*IZØFVL	"	50,718	163	158
*IW4EGX	"	48,356	169	154
*IK2UCK	"	45,298	152	142
*IZ4DIG	"	45,014	158	142
*IWØGYC	"	43,030	162	130
*IZ5IMD	"	41,623	136	107
*IZ2JCD	"	36,176	142	133
*IZØCEZ	"	34,188	148	132
*IZ7EUB	"	27,391	106	91
*IK2WFN	"	26,664	116	101
*IN3FHE	"	19,278	103	102
*IT9JOB	"	17,094	77	74
*IZ1NBX	"	15,738	97	86
*IW7ECA	"	15,089	96	79
*IZ8MBW	"	12,975	83	75
*IW4EQI	"	12,118	79	73
*IK6GPZ	"	11,189	79	67
*IK5YJK	"	11,097	86	81
*IZ3MSK	"	10,521	69	63
*IN3SJG	"	8,500	74	68
*IZ1GJK	"	8,308	69	62
*IWØHPL	"	7,384	61	52
*IK6ZDE	"	6,710	60	55
*IZ2ABN	"	6,432	55	48
*IK3MLF	"	6,375	54	51
*IW9HQP	"	5,967	53	51
*I6FDJ	"	5,510	61	58
*IZ2KRZ	"	4,960	41	40
*IZ5HQB	"	4,628	59	52
*IZ8FSL	"	4,560	63	57
*IZ3EOU	"	4,410	47	45
*IK4XQT/4	"	4,389	63	57
*IZ1DLY	"	3,840	54	48
*IZ2LSC	"	3,366	38	34
*IZ8BGA	"	3,080	42	40
*IZ3ALW	"	2,052	38	36
*IK2ULV	"	2,014	39	38
*IZ5NFD	"	1,891	34	31
*IZØFVD	"	1,855	35	35
*IZ6INR	"	1,269	27	27
*IV3SGJ	"	880	26	22
***IWØHBY**	**28**	**32,508**	**153**	**108**
*IZ8CCW	"	5,500	68	55
***IK2YGZ**	**21**	**94,668**	**231**	**196**
*IZ7CDB	"	22,841	107	91
*IT9IMJ	"	5,952	50	48
*IK7FMQ	"	2,201	33	31
*IZØGXM	"	1,728	24	24
***IW1QN**	**14**	**515,394**	**733**	**418**
*IC8DAK	"	244,216	571	343
*IQ8EB	"	212,223	518	327
				(OP: IZ8GNR)
*IK3PQG	"	34,500	154	138
*IN3XUG	"	16,224	113	104
*IZ5MMQ	"	5,893	73	71
*IK8IFW	"	2,200	44	44
***IZ5DKJ**	**7**	**355,946**	**412**	**323**
*IT9ZIV	"	115,668	247	204
*IR9P	"	70,308	186	162
				(OP: IW9HMQ)
*IT9RZU	"	3,360	46	42

Kaliningrad

UA2CZ	**A**	**71,487**	**192**	**169**
***RU2FL**	**A**	**6,384**	**58**	**56**
*RN2FA	"	6,344	58	52
*RA2FB	"	6,156	63	54
***UA2FT**	**7**	**164,120**	**293**	**220**
***RK2FXG**	**1.8**	**11,520**	**80**	**72**
				(OP: RA2FIR)

Latvia

YL6W	**A**	**3,843,905**	**2061**	**845**
				(OP: YL2GD)
YL7A	"	507,763	663	397
YL9T	"	154,940	328	254
YL7X	**21**	**5,850**	**51**	**50**
				(OP: YL2LY)
***YL3FT**	**A**	**728,640**	**775**	**440**
*YL2CR	"	232,323	443	273
*YL3AD	"	46,512	151	136
*YL2IP	"	29,070	127	114
***YL2PJ**	**21**	**7,260**	**60**	**55**
*YL3BZ	"	6,195	66	59
***YL5W**	**14**	**386,628**	**586**	**404**
*YL2IS	"	1,584	34	33
*YL2II	"	1,032	25	24
***YL2PP**	**3.7**	**22,032**	**49**	**204**

Liechtenstein

***HBØ/LX9EG**	**7**	**5,200**	**52**	**50**

Lithuania

LY4CW	**A**	**827,170**	**862**	**457**
LY4DX	"	484,440	648	367
LY2TS	"	288,508	451	316
LY2AE	"	249,050	445	293
LY3CY	"	140,399	300	217
LY8O	**14**	**3,454,052**	**1994**	**878**
				(OP: LY1PM)
LY2IJ	**1.8**	**669,108**	**753**	**411**
***LY2OM**	**A**	**167,050**	**346**	**257**
*LY3X	"	166,830	338	249
*LY3ID	"	9,860	75	68
***LY2BBF**	**21**	**264**	**12**	**12**
*LY1GP	"	84	6	6
***LY2MM**	**7**	**229,457**	**361**	**269**
***LY4Q**	**3.7**	**149,850**	**297**	**222**
*LY2CO	"	18,423	99	89
*LY3BA	"	6,944	61	56
***LY2OU**	**1.8**	**180,648**	**368**	**234**

Luxembourg

***LX1ER**	**A**	**98,875**	**226**	**175**

Macedonia

Z35T	**14**	**1,408,972**	**1380**	**652**
***Z35G**	**A**	**29,998**	**132**	**106**
*Z36W	"	24,698	115	106

Moldova

ER3DW	**A**	**4,968**	**60**	**54**
***ER2RM**	**A**	**620,928**	**728**	**384**
*ER4LX	"	494,200	593	350
*ER3CT	"	99,267	243	203
***ER1RR**	**3.7**	**100,998**	**240**	**181**
***ER3HW**	**1.8**	**36,816**	**146**	**118**

Montenegro

4O8A	**3.7**	**18,109**	**97**	**91**
***4O3TT**	**A**	**118,656**	**254**	**192**
***4O7AMD**	**7**	**18,732**	**97**	**84**
*4O3Z	"	17,479	88	77

Netherlands

PAØJNH	**A**	**204,484**	**345**	**268**
PAØLOU	"	142,545	287	221
PA3AAV	"	99,216	259	208
PA1TX	"	66,006	196	171
PAØLSK	"	17,640	110	98
PA2ALF	"	2,508	39	38
PAØM	**21**	**9,006**	**61**	**57**
PAØIJM	**3.7**	**366,240**	**508**	**336**
***PA1CM**	**A**	**421,400**	**576**	**350**
*PAØAGA	"	325,381	549	329
*PH2A	"	123,816	296	231
*PA8KW	"	120,481	284	211
*PD7BZ	"	102,820	259	212
*PE1LTY	"	92,442	252	213
*PA7RA	"	91,000	243	200
*PAØGJV	"	72,496	220	184
*PF9A	"	60,225	198	165
*PA3DBS	"	57,768	206	174
*PHØAS	"	56,472	175	156
*PG6W	"	54,479	195	157
				(OP: PE1MPA)
*PA3ARM	"	52,895	189	149
*PA3FMC	"	51,867	191	153
*PA5VK	"	50,550	172	150
*PA1WLB	"	47,414	197	157
*PE2JMR	"	41,648	166	137

*PG1R	"	35,937	148	121
*PI4YSM	"	32,696	144	122
*PAØEMO	"	26,418	133	119
*PAØCGB	"	20,580	119	105
*PA3EWG	"	19,488	124	112
*PD2LLS	"	16,284	96	92
*PA7PYR	"	15,531	102	93
*PG2D	"	15,210	101	90
*PA1PAT	"	12,441	102	87
*PAØFEI	"	5,880	55	49
*PAØB	"	3,840	49	48
*PA3HGF	"	3,311	47	43
*PA8TWN	"	2,592	37	36
***PD1DX**	**14**	**1,539,163**	**1198**	**629**
*PI4AML	"	59,340	211	172
			(OP: PG2AA)	
*PI4WLD	"	18,972	92	93
			(OP: PAØMIR)	
*PA2C	"	6,612	61	57
*PA2CHM	"	6,417	75	69
***PAØMIR**	**3.7**	**99,180**	**169**	**261**

Northern Ireland

***GI4AAM**	**A**	**106,572**	**293**	**214**

Norway

LA9LMA	**A**	**381,628**	**604**	**358**
LA1PHA	"	120,927	304	233
LA9TJA	"	67,500	228	180
LA1BFA	"	5,952	64	64
LA2OKA	"	1,144	22	22
LN9Z	**7**	**2,089,542**	**1535**	**602**
			(OP: LA5KO)	
***LA7GNA**	**A**	**41,055**	**181**	**161**
*LA7TN	"	39,618	171	142
*LA2GN	"	20,090	121	98
*LA6CF	"	11,220	70	66
*LA6BNA	"	2,331	42	37
***LA9Z**	**14**	**24,940**	**125**	**116**
			(OP: LA9HW)	
*LA2LI	"	1,584	34	33

Poland

SPØDXC	**A**	**875,488**	**777**	**436**
			(OP: SP4Z)	
SO6I	"	359,120	514	335
			(OP: SP6JIU)	
SP3GTS	"	318,240	491	306
SP1MVG	"	184,758	318	249
SQ7B	"	135,125	326	235
SP4ICP	"	131,488	324	224
SP2FTL	"	82,810	237	182
SP9JZT	"	59,305	173	145
SP1O	"	47,824	148	122
SQ5MX	"	21,582	119	99
SPØPGA	"	2,496	33	32
			(OP: SP2LNW)	
SP8DHJ	"	1,650	26	25
SP2FAP	"	144	8	8
SQ6R	**21**	**16,440**	**54**	**120**
SP2AVE	"	2,730	36	35
SP4JTJ	**14**	**69,561**	**189**	**177**
SP4TKR	**7**	**1,822,266**	**1206**	**603**
SP3LPG	"	349,752	393	312
SN7Q	**3.7**	**2,969,645**	**1696**	**713**
SP7HKK	"	1,126,428	996	516
SN3A	"	937,480	722	460
SP1GZF	**1.8**	**177,480**	**348**	**255**
***SP9NWN**	**A**	**353,628**	**502**	**342**
*SP2AYC	"	293,480	495	290
*SP8EDD	"	279,668	480	278
*SP2GJI	"	171,990	343	245
*SP6MLX	"	130,086	310	219
*SP4AAZ	"	122,960	293	212
*SQ8LSC	"	116,790	264	229
*SQ6NES	"	92,544	261	192
*SP9RTL	"	77,464	228	184
*SP6OPZ	"	66,185	198	155
*SP8LNE	"	65,852	198	163
*SP8LXE	"	60,800	203	160
*SPØDKI	"	59,752	199	154
*SQ9DXT	"	57,213	200	163
*SN1A	"	48,928	165	139
			(OP: SP1EG)	
*SP2GMA	"	48,222	189	141
*SP6NVK	"	35,644	168	133
*SN7F	"	35,532	155	126
			(OP: SP7LFT)	
*SQ9ANS	"	33,396	141	121
*SP9CLU	"	23,634	111	101
*SP5UAR	"	17,640	103	90
*SP6EWB	"	17,190	104	90
*SP5NHK	"	14,268	95	82
*SP6AXW	"	14,027	93	83
*SP7TEX	"	14,007	94	87
*SP9CLO	"	11,736	78	72
*SP9BMH	"	9,324	66	63
*SP3NYR	"	6,380	64	58
*SQ7MRP	"	5,247	57	53
*SP2IKP	"	5,243	53	49
*SQ2RH	"	4,400	50	50
*SP9IHP	"	4,032	43	36
*SP6PLH	"	3,984	51	48
*SN9K	"	3,740	46	44
*SP5GDY	"	2,912	28	26
*SQ8T	"	2,262	31	29
*SP6OWA	"	704	22	22
*SP7FBQ	"	592	16	16
*SP7IIT	"	60	4	4
***SQ9CNN**	**28**	**198**	**12**	**11**
*SP6EF	"	180	10	10
*SP3LWP	"	150	11	10
***SP9DSD**	**21**	**71,645**	**186**	**161**
*SP2EXN	"	48,608	98	224
*SP9W	"	5,969	48	47
*SN9U	"	4,464	31	48
			(OP: SP9UMJ)	
*SP9EWM	"	4,071	23	69
***SP4LVK**	**14**	**90,944**	**263**	**203**
*SP9DNO	"	74,210	211	181
*SP5DRE	"	25,200	131	112
*SP6GTN	"	22,365	125	105
*SN3C	"	14,105	99	91
			(OP: SP3ASN)	
*SP9IKN	"	4,048	49	46
*SP4AVG	"	1,488	32	31
*SQ3WW	"	1,485	33	33
*SP6BEN	"	240	10	10
***SN3X**	**7**	**690,135**	**684**	**417**
*SQ8JX	"	67,196	182	157
*SN9I	"	49,780	147	131
*SP9EML	"	23,343	99	93
*SP8OOB	"	15,744	92	82
*SP8LZC	"	15,075	81	75
*SP5EWX	"	13,432	75	73
***3Z1ØUM**	**3.7**	**541,320**	**668**	**390**
			(OP: SQ9UM)	
*SP9DTE	"	287,310	455	314
*SN9P	"	286,738	416	307
			(OP: SQ9GAI)	
*SP4SHD	"	225,924	368	281
*SQ9CWO	"	158,080	306	247
*SQ5NAE	"	106,656	248	202
*SP8KEA	"	94,956	238	193
*SO9L	"	66,912	190	164
			(OP: SP9UML)	
*SQ9HQ	"	58,110	189	149
*SQ3JPV	"	44,685	169	135
*SP3SXX	"	15,810	89	85
*SQ9JXJ	"	12,450	80	75
*SN2U	"	6,426	64	54
			(OP: SQ2GXO)	
*SP3FYX	"	3,995	47	47
*SQ9JKS	"	3,320	41	40
*SQ9LOJ	"	612	19	18
***SQ9HZM**	**1.8**	**95,445**	**255**	**189**

Portugal

CS2T	**A**	**8,916,812**	**3404**	**1076**
			(OP: CT1ILT)	
CT1DIZ	"	3,875,040	2480	897
CT1BOL	"	231,948	449	306
CT1EAT	"	124,434	275	223
***CT1FMS**	**A**	**645,275**	**872**	**487**
*CT1AVR	"	54,416	179	152
*CT4DK	"	15	3	3
***CT2FUO**	**28**	**3**	**1**	**1**
***CT1EGW**	**14**	**102,752**	**248**	**247**
*CT1FNV	"	221	18	17

Romania

YQ6A	**A**	**823,168**	**967**	**472**
			(OP: YO6BHN)	
YO3RU	"	337,280	528	320
YO4KCC	"	56,580	193	138
YO6QT	"	50,784	180	138
YO9HG	"	17,407	112	103
YO5BBO	**21**	**68,388**	**191**	**164**
YO2R	"	62,472	190	152
			(OP: YO2RR)	
YO5CBX	**14**	**180,625**	**386**	**289**
YO2BPZ	"	247	14	13
YO7LGI	**7**	**89,250**	**208**	**175**
YR8D	**1.8**	**35,040**	**136**	**120**
			(OP: YO8DAR)	
***YO3CZW**	**A**	**1,122,680**	**1142**	**508**
*YO3APJ	"	819,553	793	497
*YO7LFV	"	710,129	791	443
*YO5DDD	"	293,844	485	282
*YO5FMT	"	250,260	447	291
*YO8MI	"	249,977	454	287
*YO3CVG	"	223,780	380	268
*YO5OHY	"	214,760	379	260
*YO5AIR	"	207,276	408	276
*YO6HSU	"	145,619	327	223
*YO8KVS	"	143,750	296	230
			(OP: YO8CT)	
*YO2MAX	"	141,086	337	242
*YO2LXW	"	70,520	210	164
*YO7NW	"	64,476	204	162
*YO5QCD	"	61,466	194	146
*YO4US	"	42,037	150	127
*YO5CCX	"	41,265	164	131
*YO5CUQ	"	38,688	160	124
*YO8GF	"	32,760	143	117
*YO2MHD	"	13,124	79	68
*YO6DBL	"	11,718	66	62
*YO9IKW	"	7,920	54	48
*YO7LTQ	"	7,236	72	67
*YO7LYM	"	6,468	70	66
*YO4BTB	"	5,088	55	48
***YO2LEE**	**28**	**192**	**10**	**8**
***YO6CFB**	**21**	**59,136**	**179**	**154**
*YO9BXC	"	35,530	131	110
*YO3DLK	"	9,750	72	65
*YO2CJX	"	7,192	60	58
*YO5BTZ	"	4,410	45	42
*YO5AYT	"	3,780	46	42
*YO9AGI	"	850	36	34
***YR8B**	**14**	**592,740**	**818**	**445**
			(OP: YO8SSX)	
*YO7BGB	"	30,191	148	133
*YO6KSU	"	27,448	168	146
*YO9GVN	"	16,740	110	108
*YO8COK	"	13,083	100	89
*YO8AXP	"	4,664	56	53
***YO7LBX**	**7**	**65,712**	**182**	**148**
***YO5PEZ**	**3.7**	**24,846**	**111**	**101**
***YO5PBF**	**1.8**	**93,930**	**248**	**186**
*YO6BZL	"	8,494	63	62

Sardinia

IMØ/IKØFMB	**A**	**1,802,240**	**1510**	**704**
***ISØLLJ**	**A**	**2,912**	**32**	**32**
***ISØDFC**	**14**	**9,996**	**90**	**84**

Scotland

GM7V	**A**	**3,416,106**	**2111**	**862**
			(OP: GM3WOJ)	
MMØXDG	"	248,248	429	308
GMØTQJ	"	79,647	230	191
MM3T	**7**	**35,910**	**133**	**114**
			(OP: GMØELP)	
***GM7TUD**	**A**	**298,350**	**424**	**325**
*GMØNBM	"	61,054	214	178
*MMØYEC	"	900	20	20
***MMØCWJ**	**3.7**	**53,340**	**142**	**140**

Serbia

YT9A	**A**	**4,599,288**	**2493**	**856**
YT1T	"	901,336	870	488
YT2AA	"	36,410	135	110
YT7Z	**21**	**526,095**	**677**	**433**
			(OP: YT7EI)	
YU2A	"	16,940	98	77
YT1BB	**14**	**2,824,326**	**1933**	**801**
YU1EL	"	300,240	601	360
YT8A	**7**	**5,197,840**	**2057**	**860**
YU3AA	"	1,561,824	1057	561
YT6T	**1.8**	**359,822**	**520**	**323**
			(OP: YU7CM)	
***YT1HA**	**A**	**1,873,470**	**1480**	**634**
*YT1BX	"	237,104	421	292
*YT3AA	"	75,240	217	180
*YU7ONE	"	24,544	119	104
*YU1IV	"	1,650	25	25
***YT1YV**	**21**	**62,918**	**189**	**163**
***YU5RA**	**14**	**1,183,507**	**1159**	**611**
*YT3MA	"	658,815	930	501
*YT5C	"	601,224	796	492
			(OP: YU7WW)	
*YT2AAA	"	126,492	329	254
*YU7KM	"	29,232	146	126
***YU3A**	**3.7**	**641,346**	**698**	**417**
			(OP: YT2RX)	
*YU5B	"	528,200	633	380
*YUØU	"	431,395	545	361
*YU7YZ	"	140,800	264	220
*YT8WW	"	101,708	258	188

Slovakia

OM3BH	**A**	**6,628,692**	**2796**	**987**
OM6AL	"	191,574	378	261
OM3DX	**21**	**17,415**	**89**	**81**
OM7ANB	**14**	**569,296**	**700**	**442**
OM7RX	**7**	**57,300**	**186**	**150**
OM7RU	**1.8**	**165,436**	**329**	**236**
***OM4DN**	**A**	**412,778**	**601**	**346**
*OM5UM	"	69,650	220	175
*OM4DA	"	39,072	164	132
*OM7AG	"	19,000	104	95
*OM4ADR	"	4,444	50	44
***OM4TC**	**14**	**16,014**	**119**	**102**
*OM3TB	"	12,467	101	91
***OM4PD**	**7**	**4,136**	**45**	**44**
***OM7AB**	**3.7**	**409,968**	**564**	**351**
*OM7AAS	"	127,161	286	213

Slovenia

S5ØA	**A**	**6,722,650**	**2508**	**935**
S566D	"	4,845,816	2377	888
			(OP: S57DX)	
S56M	"	2,388,100	1594	715
S58L	"	239,166	416	309
S51DX	"	107,334	291	201
S57S	**28**	**48,444**	**211**	**132**
S5ØK	**14**	**4,442,844**	**2288**	**908**
S57AL	"	3,120,816	1846	823
S56X	**7**	**1,813,089**	**1105**	**597**
S52AW	**3.7**	**2,107,380**	**1339**	**620**
			(OP: S52RU)	
***S53EA**	**A**	**2,296,193**	**1513**	**691**
*S59KW	"	1,316,641	1107	587
*S51F	"	1,305,678	1053	542
*S59MA	"	182,286	364	246
*S56B	"	75,294	222	178
*S58MU	"	38,400	149	128
*S56DX	"	330	12	11
*S59T	"	270	15	10
*S53DIJ	"	250	14	10
*S59EIJ	"	225	14	9
***S57RTH**	**14**	**723,008**	**906**	**416**
*S58P	"	1,664	27	26
***S5ØB**	**7**	**293,715**	**400**	**305**
***S57O**	**3.7**	**407,640**	**553**	**344**
***S52OT**	**1.8**	**180,389**	**349**	**253**

Spain

EA1JO	**A**	**364,320**	**504**	**368**
AN1A	"	333,792	534	342
			(OP: EA1AST)	
EA1DVY	**7**	**22,550**	**85**	**82**
***EA1AJV**	**A**	**416,912**	**582**	**367**
*EC1AIJ	"	205,065	343	279
*EB1EVX	"	73,138	228	194
*EA1BTK	"	53,505	158	123
*EC1AE	"	39,680	151	124
*EA1AY	"	29,568	150	128
*EC1AQT	"	3,256	45	44
*EA1GPL	"	1,000	22	20
*EB1BD	"	888	25	24
***AO1B**	**14**	**317,824**	**598**	**382**
*EA1ASG	"	115,808	251	224
***EA1JJ**	**7**	**310,534**	**440**	**287**
EA2CNU	**21**	**10,230**	**72**	**66**
***AN2R**	**A**	**396,304**	**526**	**376**
			(OP: EA2TO)	
*EA2COD	"	274,205	462	317
*EB2CYQ	"	238,854	368	282
*EC2AWD	"	159,576	331	244
*EA2AOO	"	94,615	191	149
*EA2CE	"	57,442	198	154
*EA2AP	"	5,324	45	44
*EA2AVM	"	816	17	17
*EA2CHL	"	775	26	25
*EA2MA	"	682	23	22
*EA2AOS	"	540	18	18
***EA2VE**	**14**	**110,440**	**384**	**251**
EE3E	**A**	**2,679,927**	**1700**	**753**
			(OP: EA3ELZ)	
EE3R	"	749,360	739	464
EA3CEC	"	5,576	44	41
EA3ATM	**7**	**1,030,806**	**882**	**486**
***EA3FF**	**A**	**252,747**	**413**	**297**
*EA3NA	"	98,810	250	205
*AO3K	"	60,896	232	173
			(OP: EA3GHZ)	
*EB3FLY	"	43,820	161	140
*EA3BIP	"	11,523	77	69
*EC3ADB	"	9,638	68	61
*EA3GOD	"	8,580	63	60
***AM3CS**	**14**	**73,485**	**246**	**213**
			(OP: EA3CS)	
*AM3A	"	11,648	100	91
			(OP: EA3FHP)	
***EA3ALV**	**7**	**51,198**	**139**	**138**
*EA3DUM	"	36,900	106	100
***EA3AKA**	**1.8**	**12,483**	**81**	**73**
EA4EER	**A**	**791,375**	**787**	**487**
EA4TG	"	202,266	496	306
EA4AFA	"	19,620	127	109
EA4ETW	"	1,056	24	24
***EA4TV**	**A**	**518,154**	**765**	**438**
*AM4L	"	131,150	286	215
*EA4EQF	"	273	15	13
***EA4YK**	**14**	**91,840**	**250**	**224**
EF5K	**A**	**1,853,674**	**1670**	**694**
EH5J	"	207,564	429	294
			(OP: EA5DM)	
EA5OL	"	125,760	320	262
EC5AAB	"	95,120	281	232
EA5DFV	**21**	**514,206**	**731**	**441**
EA5KV	**14**	**2,273,810**	**1992**	**770**
EC5ANF	"	7,957	79	73
***EA5TT**	**A**	**110,644**	**268**	**199**
*EB5GGC	"	85,540	226	182
*EB5WC	"	74,860	224	190
*EA5BAH	"	42,340	159	145
*EB5CNK	"	39,688	144	121
*EA5GVZ	"	31,280	140	115
*EA5FWW	"	24,480	107	96
*EA5HDU	"	18,150	121	110
*EA5TN	"	17,199	101	91
*EA5AVW	"	14,994	108	102
*EA5JC	"	11,448	83	72
*EA5GZO	"	1,980	37	36
*EA5PS	"	682	22	22
*EA5CZM	"	156	12	12
***EA5EOR**	**21**	**83,172**	**207**	**174**
***EA5ET**	**14**	**50,530**	**189**	**163**
***EC5CSW**	**7**	**409,370**	**444**	**335**
***EA5GTQ**	**3.7**	**97,560**	**208**	**180**
*EC5WW	"	88,872	209	184
EA7HW	**A**	**8,789**	**50**	**47**
AM7M	**7**	**760,914**	**555**	**366**
			(OP: EC7ANC)	
***EE7E**	**A**	**337,500**	**617**	**375**
			(OP: EC7ABV)	
*EA7AA	"	305,100	436	300
*EC7DNX	"	168,392	325	248
*EA7CWA	"	19,837	93	83
*EA7HE	"	13,072	95	76
*EC7DDZ	"	9,715	68	67
*EA7EYQ	"	5,664	49	48
*EC7DTQ	"	625	26	25
***EC7AKV**	**28**	**17,821**	**102**	**71**
***EC7DZL**	**21**	**8,151**	**60**	**57**
***EB7DX**	**14**	**2,178,000**	**1988**	**792**
*AO7T	"	343,990	731	410
*EA7HEG	"	50,592	228	204

Sweden

7SØX	**A**	**565,554**	**640**	**418**
			(OP: SMØMDG)	
SM6BGG	"	312,399	446	309
SI3A	"	122,622	311	214
			(OP: SM3LIV)	
SM6FJY	"	110,898	276	202
SD3A	"	74,272	244	176
			(OP: SM3FJF)	
SM7BZV	"	64,428	193	156
SB6A	"	48,048	182	143
SM7BJW	"	33,275	144	121
SA2D	"	20,538	139	126
SM2MZC	"	7,854	72	66
SM6XVI	"	6,900	60	60
SM5Y	"	165	11	11
			(OP: SM5AAY)	
SM7ATL	**21**	**4,212**	**43**	**39**
SM5U	**14**	**117,265**	**293**	**235**
SM6V	"	53,019	176	129
SM6AHU	"	16,284	101	92
SM6IQD	**3.7**	**36,300**	**138**	**121**
***SE5S**	**A**	**105,565**	**262**	**215**
*SAØAQT	"	90,624	241	192
*SE6C	"	30,125	146	125
			(OP: SM6CDN)	
*SM5LSM	"	30,012	145	122
*SM7RPU	"	15,138	98	87
*SMØFM	"	15,089	87	79
*SM7YGZ	"	14,800	92	80
*SM5OSZ	"	9,864	80	72
*SMØBDS	"	3,901	47	47
*SM7GUY	"	2,665	42	41
***SG3O**	**21**	**300**	**10**	**10**
			(OP: SM3AGO)	
***SM6CRM**	**14**	**59,400**	**198**	**180**
*SF3E	"	37,410	156	145
			(OP: SM3EAE)	
*SM5DQE	"	36,348	162	156
*SM7HSP	"	3,927	53	51
*SM6TOL	"	825	25	25
*SH3O	"	200	10	10
			(OP: SM3TLG)	
*7S7V	"	63	7	7
***SE2T**	**7**	**24,057**	**111**	**99**

Switzerland

HB9TMW	**A**	**164,410**	**292**	**205**
HB9MH	**14**	**183,376**	**414**	**292**
***HB9ODP**	**A**	**224,128**	**383**	**272**
*HB9ODK	"	150,768	308	216
*HB9TSA	"	91,326	229	186
*HB9OK	"	45,903	158	143
*HB9SVT	"	38,352	174	141
*HB9QA	"	3,984	51	48
*HB9JAQ	"	2,010	37	30
*HB9BGF	"	918	21	18

Ukraine

UW2M	**A**	**5,816,635**	**2791**	**935**
			(OP: URØMC)	
US5D	"	2,896,317	1774	783
			(OP: UT7DX)	
UW1M	"	1,874,790	1381	666
			(OP: UR5MW)	
UZ1G	"	1,611,210	1421	645
			(OP: UY5HF)	
UW5U	"	1,027,256	1106	584
UR5AS	"	966,690	973	467
UX2X	"	955,450	957	485
			(OP: UT2XQ)	
UT6EE	"	495,670	596	365
UT6IS	"	425,241	608	333
UR8QR	"	248,589	402	279
UT5SA	"	223,686	395	258
UR4IXM	"	216,315	407	285
			(OP: US6IPD)	
UT7NW	"	121,197	258	213
UT4EK	"	92,640	237	160
US5UO	"	72,581	206	181
USØQG	"	48,840	154	132
UY3QW	"	43,884	165	138
UT4XU	"	20,111	101	91
UU5WW	**28**	**2,760**	**44**	**40**
UZ4E	**21**	**234,855**	**431**	**307**
			(OP: UV5EOZ)	
UR5FAV	"	65,037	203	163
UW1I	"	34,524	149	126
			(OP: US6IMA)	
UZ8M	**14**	**3,064,094**	**2348**	**902**
			(OP: USØMR)	
UT5ID	"	474,804	792	436
US7IID	"	52,965	210	165
UT7U	**7**	**444,882**	**442**	**318**
			(OP: UT7UV)	
UT5ECZ	"	99,790	208	170
UTØEA	"	65,394	147	173
UR5KAT	"	60,000	195	160
UX4LA	"	37,518	131	111
UX3MZ	"	10,659	60	51
UT7QL	**3.7**	**262,984**	**384**	**284**
UT2II	"	170,375	332	235
UV5QQ	"	91,863	217	173
***UR4U**	**A**	**912,740**	**891**	**470**
			(OP: UR4UDI)	
***UW8SM**	**"**	**901,810**	**932**	**455**
*UR6QS	"	496,856	656	359
*URØIQ	"	205,320	344	290
*URØQX	"	156,545	335	239
*UY5TE	"	134,624	311	224
*USSISV	"	123,417	299	189
*US7LM	"	99,715	253	185
*UR7EQ	"	90,882	244	198
*UR5WDQ	"	60,225	195	165
*UR5XMM	"	43,136	163	128
*UV5EEO	"	31,644	135	108
*UYØIX	"	21,758	102	86
*UU4JC	"	19,040	90	80
			(OP: UU2JUA)	
*UU2JA	"	17,856	105	93
*UT5ZB	"	15,540	100	84
*UR5EPG	"	14,847	106	101
*UT7HM	"	14,696	99	88
*UT8EL	"	7,749	71	63
*US6IVC	"	5,047	55	49
*UU5TN	"	966	24	23
*UT4UB	"	209	11	11
***UT1IA**	**28**	**644**	**26**	**23**
*UZ7HO	"	220	12	11
***UR6IJ**	**21**	**56,628**	**185**	**156**
*UY7C	"	28,896	138	129
*UY8LM	"	20,304	108	94
*UX7UN	"	5,100	54	51
*UY5QZ	"	190	8	10
***UZ5UA**	**14**	**224,753**	**412**	**317**
*UR5AW	"	15,288	96	84
*UR5IKN	"	2,280	38	38
*UR3PGX	"	2,135	36	35
*UR5WHT	"	936	25	24
***USØHZ**	**7**	**267,534**	**378**	**267**
*UT8AS	"	172,575	305	225
***UU2JM**	**3.7**	**374,958**	**501**	**333**
*UT3L	"	210,266	297	322
			(OP: UR5LO)	
*UY4F	"	186,960	331	246
			(OP: UR5FEL)	
*UY3AW	"	64,050	185	150
***US8ICM**	**1.8**	**59,356**	**182**	**142**

Wales

GW4BLE	**A**	**12,096**	**75**	**72**
***GW8NBI**	**A**	**111,725**	**292**	**205**
***MWØCRI**	**14**	**205,746**	**474**	**318**
*MWØFDG	"	30,736	149	136

OCEANIA

Australia

VK1MJ	**A**	**19,803**	**77**	**69**
VK2APG	**A**	**1,890,910**	**1482**	**454**
VK2XN	"	1,013,274	963	369
VK2CA	"	461,829	631	257
VK2BCQ	"	99,814	255	143
VK2FHN	"	53,212	187	106
VK2GR	"	2,324	34	28
VK3FM	**A**	**93,155**	**201**	**155**
VK3YXC	"	17,877	100	59
***VK3TDX**	**A**	**4,040**	**47**	**40**
***VK4FRAJ**	**A**	**114,708**	**309**	**158**
*VK4FJ	"	80,640	234	128
*VK4AMC	"	41,921	153	103
*VK4VDX	"	10,602	73	62
*VK4XES	"	1,809	27	27
***VK4HAM**	**14**	**304,965**	**474**	**251**
***VK4BAA**	**7**	**196,093**	**257**	**157**
***VK6FDX**	**A**	**8,580**	**69**	**52**
VK7GN	**A**	**1,220,865**	**948**	**409**
VK7WPX	"	198,162	359	218
VK8AA	**28**	**66,462**	**215**	**114**

Brunei

***V8AQM**	**14**	**71,214**	**186**	**143**

East Malaysia

9M8Z	**A**	**8,234,406**	**3107**	**837**
			(OP: 9M6DXX)	
9M6XRO	"	52,785	164	115

Guam

KG6DX	**28**	**247,217**	**514**	**173**
***KB7OBU/KH2**	**A**	**199,880**	**453**	**152**
*WH2D	"	70,452	244	103
			(OP: K3UOC)	
*AH2DT	"	8,364	61	51

Hawaii

KH6FI	**A**	**2,788,808**	**1820**	**473**
KH6GMP	"	427,453	608	251
AH6JR	**7**	**989,682**	**645**	**281**
KH6FKG	"	446,706	388	207
***NH6WZ**	**A**	**8,554**	**62**	**47**
*KH7/KO7X	"	7,440	48	40
***KH6TS**	**7**	**605**	**11**	**11**

Indonesia

YB1AR	**A**	**685,038**	**685**	**381**
YBØNFL	"	354,197	453	271
YBØBCU	"	14,784	103	64
YB1TC	"	12,408	93	66
YC1RW	**21**	**114**	**7**	**6**
YB1RS	"	72	6	6
YB4IR	**14**	**951,584**	**734**	**454**

***YB1TJ**	**A**	**511,920**	**549**	**316**
*YBØMJY	"	499,285	587	305
*YB2ECG	"	368,350	492	265
*YC1UGK	"	28,574	120	91
*YB9BZ	"	20,664	102	84
*YBØCOU	"	390	15	13
***YB1UUN**	**28**	**8,304**	**64**	**48**
***YE1AA**	**21**	**2,673,376**	**1536**	**608**
*YB3KM	"	1,002,375	951	375
*YC5OUB	"	597,012	594	356
*YC1LA	"	341,900	474	260
*YC1FT	"	265,200	382	260
*YC6LAY	"	167,272	310	203
*YB2UTX	"	162,200	323	200
*YB1VA	"	111,584	235	176
*YC1URC	"	22,295	101	91
*YC1BNY	"	12,852	78	68
***YBØEIN**	**14**	**2,002**	**27**	**26**
***YB7KNV**	**7**	**19,320**	**73**	**56**
*YB2VTO	"	6,156	39	38

Mariana Islands

NHØDX	**A**	**2,411,046**	**2087**	**369**
***WHØS**	**A**	**176,328**	**416**	**158**

New Zealand

ZM2A	**28**	**3,000**	**39**	**30**
ZL3A	**7**	**8,200,800**	**1767**	**816**
			(OP: ZM3A)	
ZM1K	**3.7**	**7,760**	**41**	**40**
			(OP: ZL1AIH)	
***ZL2MM**	**A**	**20,304**	**103**	**72**
*ZL3DW	"	8,326	50	46
***ZL4JB**	**7**	**3,564**	**29**	**27**

Norfolk Island

***VK9ANU**	**A**	**527,472**	**726**	**222**

Philippines

4D75T	**A**	**1,822,821**	**1292**	**429**
			(OP: DU1IVT)	
DU1AV	**21**	**131,454**	**380**	**134**
***DV1JM**	**A**	**1,149,611**	**1048**	**347**
*4D75B	"	669,340	949	245
			(OP: DU1BP)	
*DU1EG	"	273,916	511	188
*DV1JD	"	33,840	144	90
***DW1UBY**	**21**	**61,696**	**197**	**128**

Tonga

***A35RK**	**A**	**251,680**	**493**	**208**

Vanuatu

YJ8TZ	**A**	**2,776,869**	**1921**	**513**
			(OP: VK3TZ)	

SOUTH AMERICA

Argentina

AY8A	**A**	**3,120,834**	**1619**	**678**
			(OP: LU8ADX)	
LT5Y	"	180,170	326	215
			(OP: LU1YU)	
LTØD	"	103,281	239	173
LU6QI	"	1,936	24	22
LU1HF	**28**	**1,665,198**	**1172**	**513**
LU1FDU	**3.7**	**100,320**	**164**	**132**
***LU1HLH**	**A**	**2,537,808**	**1404**	**624**
*LU7HW	"	1,389,687	986	507
*AYØDX	"	225,511	363	247
*LU3MAM	"	188,340	312	215
*LU5EVK	"	99,828	241	177
*LR1A	"	74,245	200	155
*LU4KC	"	57,915	225	135
			(OP: LU6KA)	
*LU2EQF	"	35,960	149	116
*LU7DUE	"	416	13	13
*LU6FEH	"	220	11	11
***LU6FOV**	**28**	**255,840**	**405**	**240**
*LW1HR	"	71,136	194	144
*LO7D	"	10,899	72	63
			(OP: LW1DRH)	
*LU2BPM	"	980	21	20
***LQ5H**	**21**	**2,277,347**	**1317**	**617**
*LU7KAT	"	2,116,752	1195	627
*LW6DW	"	28,184	115	104
*LU1ELY	"	735	21	21
***LR1H**	**14**	**97,614**	**230**	**174**
*LU5CAB	"	16,200	92	81

Aruba

P49Y	**A**	**13,539,890**	**4068**	**910**
			(OP: AE6Y)	
***PØA**	**A**	**15,484,383**	**4119**	**1051**
			(OP: KK9A)	

Brazil

PS2T	**A**	**11,390,195**	**3443**	**1069**
			(OP: PY2NY)	
PY2YU	**"**	**10,978,420**	**3363**	**1060**
PP5JY	"	392,730	459	318
PT7VB	"	376,419	372	271
PY5ZD	"	288,360	385	270
PV2M	"	200,811	359	247
			(OP: PT2ADM)	
PY7MV	"	85,920	194	160
PY2KP	"	65,424	184	141
PP5MS	"	608	19	16
PP5EG	**28**	**1,383,694**	**1027**	**494**
PP5WG	"	197,568	341	224
PU2SHF	"	1	1	1
ZX5J	**21**	**14,740,056**	**4078**	**1242**
			(OP: PP5JR)	
PY1KN	"	3,642,254	1696	737
PX2T	"	2,370,700	1304	628
			(OP: PY2DN)	
PT5A	**14**	**6,424,096**	**2373**	**952**
			(OP: W6NV)	
PP1CZ	"	85,888	193	176
PV8DX	**3.7**	**593,920**	**406**	**256**
ZV5K	"	36,168	98	88
PU5OGE	**1.8**	**144**	**11**	**9**
***PY3DX**	**A**	**1,559,648**	**968**	**544**
*PY2HL	"	1,332,432	969	487
*ZX7U	"	1,039,680	822	456
			(OP: PT7ZT)	
*PS5S	"	864,024	665	444
*PY7VI	"	458,850	490	322
*PY2DU	"	269,352	390	258
*PY2MR	"	109,604	241	188
*PX2E	"	102,834	219	174
			(OP: PY2EJ)	
*PY2GD	"	58,212	175	132
*PY2NA	"	32,536	119	98
*PY1SX	"	27,455	107	95
*PV8DR	"	6,426	59	54
*PY2SRL	"	3,864	50	46
*PP8EB	"	8	2	2
***PY2CX**	**28**	**305,487**	**425**	**273**
*PY2SRB	"	109,650	259	170
*PU2MTS	"	48,250	170	125
*PY2ZY	"	20,169	105	81
*PY3FOX	"	17,043	90	69
*PU2TES	"	6,136	57	52
*PT9PA	"	4,182	47	41
*PU2VIR	"	3,822	54	42
*PY1PDF	"	2,840	43	40
*PU2VYT	"	117	9	9
***PY7DI**	**21**	**56,260**	**156**	**145**
*PP5JAK	"	46,332	150	132
*PP5JN	"	35,400	128	118
*PY3BIL	"	4,182	42	41
***ZV5E**	**14**	**149,644**	**305**	**179**
			(OP: PP5KE)	
*PP2RON	"	40,825	150	115
*PY5KW	"	16,236	89	82
*PY5JO	"	7,436	55	52
***PP5KR**	**7**	**348,936**	**316**	**217**
*PY6KY	"	52,528	106	98
*PT8CWA	"	1,296	18	18

Chile

CE4CT	**A**	**3,690,225**	**1735**	**693**
CE1TT	"	1,202,448	934	492
XQ1KY	"	1,130,823	1032	389
CE3BFZ	"	443,520	561	240
***3G1C**	**A**	**1,252,904**	**1009**	**398**
*CE2WWF	"	106,470	236	182
*XQ4EM	"	30,952	121	106
*XQ4CW	"	8,932	71	58
*CE4UJU	"	240	15	12
***XR3A**	**21**	**295,900**	**398**	**269**
			(OP: CE3DNP)	

Colombia

HK3Q	**A**	**221,096**	**321**	**232**
HK3W	**7**	**12,773**	**49**	**53**
***HK6P**	**A**	**1,093,842**	**668**	**402**
*HK3JJH	"	498,648	648	263
*HK3/IZØGYP	"	31,654	131	98

Ecuador

***JA6WFM/HC5**	**21**	**528,048**	**575**	**342**
***HC1JQ**	**14**	**41,580**	**129**	**126**

French Guiana

FY1FL	**A**	**4,784,856**	**1934**	**772**
***FY5FY**	**A**	**8,500,401**	**2627**	**873**

Guyana

8R1K	**A**	**9,873,182**	**3103**	**913**

Trinidad & Tobago

9Y4D	**1.8**	**11,214**	**51**	**42**

Uruguay

CX9AU	**A**	**182,820**	**292**	**220**
CX4DX	**28**	**177,540**	**312**	**220**
***CX8AT**	**21**	**699,205**	**632**	**403**
*CX1AV	"	176,440	286	220
***CX2CC**	**7**	**22,995**	**85**	**73**

Venezuela

***YW5T**	**A**	**667,320**	**542**	**332**
			(OP: YV5JBI)	
*4M5E	"	46,434	157	109
			(OP: YV5NWG)	
***YY1JGT**	**28**	**27,642**	**147**	**102**
***YV1CTE**	**21**	**917,350**	**907**	**350**

QRP

OK7CM	**A**	**489,342**	**583**	**382**
S59D	**"**	**402,500**	**552**	**322**
IZ1ANK	**"**	**213,850**	**468**	**325**
YP8A	**"**	**171,105**	**337**	**255**
RZ6MP	**"**	**140,896**	**340**	**224**
NAØCW/6	**"**	**138,402**	**323**	**198**
			(OP: W8QZA)	
N2RRA	**"**	**130,585**	**386**	**205**
K3WW	**"**	**129,789**	**253**	**207**
RW6HJV/6	"	123,190	330	254
IC8FAX	"	106,672	288	236
RA3DBK	"	100,323	273	213
I1BAY	"	94,128	292	212
9M6YBG	**"**	**92,736**	**249**	**138**
UX8ZA	**"**	**87,966**	**245**	**181**
PE2KP	**"**	**85,848**	**265**	**196**
RW6FO	"	81,780	235	188
JE2LPC	**"**	**76,504**	**254**	**131**
SP9RQH	**"**	**75,632**	**211**	**163**
UA3LMR	"	74,305	216	193
9A2EY	**"**	**73,917**	**249**	**191**
VA3YT	**"**	**73,568**	**192**	**121**
UT5UUV	"	72,800	230	175
RW3AI	"	72,128	220	161
YO4AAC	"	59,840	209	160
RD4HD	"	53,664	190	156
WA8WV	**"**	**52,992**	**168**	**144**
IZ1JLF	"	50,895	154	117
SP5AKG	"	49,932	175	146
IZ3IBL	"	48,650	175	139
N3HU	"	42,640	175	130
HA5BA	**"**	**41,860**	**178**	**140**
N6WG	"	40,430	203	130
ADØNW/4	**"**	**29,904**	**139**	**112**
IKØXBX	"	28,712	104	97
VK4ATH	**"**	**28,116**	**118**	**99**
YO6ADW	"	24,102	114	103
KE6K	"	22,145	141	103
PY2BN	**"**	**20,700**	**108**	**92**
M5AEF	**"**	**19,397**	**130**	**119**
KT8K	"	19,392	109	96
WD9FTZ/8	"	19,082	123	94
RA9AE	**"**	**16,128**	**81**	**64**
OM3TLE	**"**	**14,525**	**97**	**83**
7K1CPT	**"**	**14,388**	**104**	**66**
N1TM	**"**	**12,896**	**72**	**62**
US5IND	"	12,337	87	73
ON8NT	**"**	**12,201**	**91**	**83**
S57AJ	"	12,166	83	77
K6TV	"	11,753	95	73
K6RM	"	11,169	99	73
IZ5ILK	"	10,206	69	63
VA3RKM	"	9,964	68	53
IN3UFW	"	8,848	101	79
KA6SGT/9	**"**	**8,568**	**75**	**63**
UT2AB	"	8,437	63	59
MØBPQ	"	7,946	59	58
W2JEK	"	7,392	74	56
RK9DO	"	6,720	52	48
N4ZAK	"	4,320	49	45
IN3PEE	"	4,000	56	50
PAØRBO	"	3,936	48	48
ES6KW	**"**	**3,827**	**46**	**43**
KD4OFG	"	3,825	55	51
JA1KEB	"	3,564	49	33
W8BS	"	2,850	40	38
W6ISO	"	2,240	31	28
KA1LMR	"	2,128	28	28
IK3XTY	"	2,065	43	35
UA3YFR	"	1,769	30	29
F1UIH	**"**	**1,134**	**27**	**27**
DHØJAE	**"**	**580**	**20**	**20**
KA7PLE	**"**	**560**	**23**	**20**
AF4KL	"	180	9	9
N8QE	"	60	6	6
N3TEE	"	55	5	5
MM3ZYS	**"**	**45**	**5**	**5**
I5KAP	**28**	**11,907**	**79**	**63**
PU1KYC	**"**	**8,220**	**70**	**60**
JA2MWV	**"**	**1,608**	**28**	**24**
VU2UR	**"**	**1,058**	**28**	**23**
JH7RTQ	**21**	**54,400**	**183**	**136**
SQ4HRN	**"**	**26,826**	**119**	**102**
YT2B	**"**	**16,968**	**98**	**84**
YB2OK	**"**	**12,880**	**93**	**70**
WA6FGV	**"**	**8,236**	**67**	**58**
JR1NKN	**"**	**5,208**	**55**	**42**
JK1TCV	"	4,719	49	39
9V1OE	**"**	**242**	**11**	**11**
			(OP: OE1WWL)	
JA1KPF/6	**"**	**1**	**1**	**1**
HR2DX	**14**	**157,755**	**397**	**195**
DJØMY	**"**	**131,054**	**317**	**253**
YO2LYN	**"**	**61,952**	**222**	**176**
K3TW	**"**	**55,272**	**162**	**147**
UX1UX	**"**	**38,780**	**168**	**140**
UA1CEC	**"**	**34,892**	**161**	**143**
RK4FB	"	32,656	151	157
3Z4ACC	**"**	**30,132**	**149**	**124**
DJ5GK	"	8,618	70	62
SQ4ZS	"	8,393	77	77
MUØFAL	**"**	**5,478**	**70**	**66**
YO4AYE	"	3,476	48	44
YO4BII	"	3,128	47	46
YO8DHD	"	2,772	43	42
NU4I	**"**	**1,056**	**22**	**22**
W9BNO/Ø	**"**	**980**	**29**	**28**
VK2CCC	**"**	**4**	**2**	**2**
JK3AHS	**"**	**3**	**1**	**1**
S57SU	**7**	**333,086**	**393**	**299**
SP4GFG	**"**	**89,936**	**214**	**176**
RW9LL	**"**	**51,680**	**108**	**95**
PY2ZK	**"**	**44,640**	**101**	**93**
WB7OCV/2	**"**	**14,308**	**80**	**73**
DM4DX	**"**	**9,984**	**72**	**64**
YB3MM/9	**"**	**4,898**	**31**	**31**
DL2SAX	"	4,134	41	39
KW9L	**"**	**288**	**16**	**16**
US2IZ	**3.7**	**178,176**	**324**	**232**
SQ2DYF	**"**	**40,788**	**152**	**132**
S54AA	**"**	**33,345**	**123**	**117**
DL1A	**"**	**30,371**	**140**	**121**
			(OP: DO4DXA)	
OL4W	**"**	**14,160**	**95**	**80**
			(OP: OK1IF)	
SQ9MEI	"	5,050	58	50
RW4YD	**"**	**1,218**	**25**	**21**
JF2MBF	**"**	**697**	**17**	**17**
RN3ZJJ	**1.8**	**21,952**	**113**	**98**
SP2QG	**"**	**3,003**	**39**	**39**
DJ3GE	**"**	**459**	**17**	**17**

ASSISTED

NORTH AMERICA

United States

WY3P	**A**	**6,660,726**	**2732**	**1006**
			(OP: N3KS)	
W5WMU	**"**	**2,646,798**	**2422**	**674**
W8MJ	**"**	**2,282,167**	**1881**	**677**
NF4A	**"**	**2,168,280**	**1686**	**634**
N3MX	"	1,958,535	1160	613
WB4MSG	"	1,940,643	1521	639
AA3B	"	1,921,362	1095	618
N2BJ/9	**"**	**1,759,984**	**1538**	**634**
WN9O	"	1,634,556	1503	609
			(OP: W9IU)	
W1GUS	**"**	**1,374,080**	**1225**	**565**
KE2DX	**"**	**1,085,936**	**1046**	**536**
N6QQ	**"**	**843,650**	**821**	**470**
K4FX	"	761,583	704	411
N1RK/2	"	604,877	578	391
KØRI	**"**	**569,562**	**631**	**382**
K9CT	"	545,010	582	370
K1FWE	"	538,016	548	391
K5EK/4	"	503,334	633	351
N2SQW	"	443,980	527	316
NM4K	"	437,920	621	340
KC1F	"	432,630	491	345
W4NZ	"	430,824	457	348
WB2ZAB/3	"	430,107	451	307
KV7DX	**"**	**429,005**	**566**	**359**
			(OP: KN5H)	
KR4F	"	417,094	512	347
WA3C/8	"	380,875	402	275
NX6T	"	363,222	604	306
			(OP: N6KI)	
NN4GG	"	360,725	617	307
			(OP: N4GG)	
NJ1F/2	"	324,324	505	297
KØAD	"	322,422	623	327
NA3M	"	306,375	448	285
WA4ASJ	"	299,376	446	297
N8BJQ	"	274,896	392	276
W8RJL/4	"	260,739	401	261
KØRC	"	251,488	428	271
K7VI	"	250,250	417	275
AE1T	"	249,242	356	266
WØTT	"	210,137	422	263
AK4I	"	208,376	342	244
N4KG	"	193,914	315	171
KI9A	"	192,975	543	249
K2SX/4	"	190,476	341	234
W6SA/7	"	187,488	386	217
K6TA	"	177,289	295	217
N2VW	"	150,046	253	199
N4DWK	"	146,412	224	196
KZ5OM/6	"	144,474	320	199
			(OP: K6III)	
N6AJR	"	138,000	326	200
NE1B	"	123,577	236	191
N4TL	"	110,528	242	176
W4JAM	"	109,956	218	187
WA3AFS/2	"	109,632	192	192
K1JB	"	109,417	243	203
K7VIT	"	102,567	248	179
KW2O	"	91,344	217	176
			(OP: N2MUN)	
K5VIP/4	"	90,072	199	139
K1ZW/4	"	76,653	175	167
KE7FBY	"	76,314	259	161
KE8UM	"	73,050	175	150
KM9M	"	60,514	288	158
K6GT	"	54,120	157	123
W7SW	"	52,984	205	148
KC6X	"	49,980	147	119
W4CU	"	46,624	165	124
W3GNQ	"	45,804	141	132
KA2D	"	45,184	139	128
K3IRV/4	"	38,375	154	125
N4VV	"	36,701	123	107
K4IU/Ø	"	33,517	141	121
W3YY/4	"	30,912	105	92
W5GA	"	29,748	166	111
KT6LA	"	27,900	124	93
NS1S/4	"	27,832	99	98
			(OP: K1ZZI)	
AD4YQ	"	24,934	120	91
K2YR	"	19,575	94	87
N2YO/4	"	19,135	113	89
WF2B	"	18,832	97	88
WA3OFC/4	"	18,509	85	83
NW1E	"	18,450	86	75
			(OP: K1JN)	
K8MR	"	17,556	90	77
N2YBB	"	14,697	73	71
K5NA	"	14,688	88	72
WB5MFI/Ø	"	12,545	69	65
K7MZ	"	12,537	86	63
NFØN	"	10,212	76	69
WA3G	"	9,744	65	58
K3KO/4	"	6,321	49	49
WA1Z	"	6,254	64	53
K8YC/4	"	450	15	15
AB3FL	"	200	8	8
AE5FD	"	121	11	11
K5ZO	**14**	**487,552**	**819**	**416**
N1SW	**"**	**292,698**	**537**	**322**
W2IRT	**7**	**178,688**	**248**	**349**
WA1PMA/7	**"**	**2,025**	**29**	**27**
N3YD	**3.7**	**480,585**	**670**	**345**
N8KOJ	**"**	**4,752**	**53**	**48**
***NR1I**	**A**	**554,372**	**642**	**364**
			(OP: W1NT)	
***NN4F**	**"**	**467,756**	**612**	**347**
***KR7RK**	**"**	**363,940**	**642**	**310**
***W3TZ/5**	**"**	**355,992**	**584**	**312**
***AC9X**	**"**	**337,552**	**478**	**292**
*KS1Y	"	213,792	354	272
			(OP: N1BAA)	
***KS2G**	**"**	**197,866**	**349**	**254**
*KB1MIC	"	140,399	299	217
*KB1OWT	"	109,890	236	185
***KCØDEB**	**"**	**74,898**	**210**	**171**
*K4NAU	"	63,492	180	148
*KA9O	"	58,797	203	139
***K6GEP**	**"**	**57,540**	**191**	**137**
*K9DUR	"	53,055	196	135
*W7SO	"	43,746	165	138
*WA1ZYX	"	41,535	164	117
*KK3Q/4	"	41,503	143	121
*KØKX	"	39,693	135	131
*AI4ME	"	36,015	138	105
*W6JYT/7	"	34,804	171	113
*K7AWB	"	31,824	144	117
*AB5XZ	"	28,944	153	108
*K5WW	"	27,324	125	92
*W4AMS	"	24,920	100	89
*N2FF	"	24,130	102	95
*KA4OTB	"	22,135	117	95
*N7FLT	"	21,828	120	102
*KF7P	"	20,832	115	93
*K4MIL	"	15,810	106	85
*N4VA	"	15,405	88	79
*AAØAW	"	14,448	99	84
*WB1EDI	"	8,550	61	57
*KM5Z	"	7,770	79	70
*N9PVQ	"	6,496	75	58
*KJ4IC	"	4,784	55	52
*KØBJ	"	3,071	40	37
*AF6AV	"	2,800	38	35
*NE1F	"	1,675	25	25
***W8EH**	**"**	**1,350**	**31**	**30**
*N6RNO	"	190	11	10
***KE3WM**	**21**	**9,800**	**63**	**56**
***W4/MØBUE**	**14**	**310,155**	**607**	**345**
***KJ9A**	**"**	**2,800**	**44**	**40**

Alaska

AL9A	**A**	**458,752**	**657**	**256**

Canada

VE3UTT	**A**	**2,824,255**	**1234**	**665**
			(OP: W1AJT)	
VA3DX	"	1,466,192	883	494
VE7KS	**"**	**511,980**	**520**	**318**
VE3ZZ	"	283,026	365	258
***VE1DHD**	**A**	**388,515**	**503**	**295**
***VE3XAT**	**"**	**19,024**	**86**	**82**
*VE1RAR	"	18,252	85	78
*VE1TRI	"	9,945	63	51
***VE8DW**	**14**	**3,648**	**44**	**38**

Honduras

HQ2W	**A**	**1,173,421**	**1209**	**409**
			(OP: HR2DMR)	

Mexico

XE1EX	**A**	**18,070**	**82**	**65**

Puerto Rico

WP4SK	**A**	**139,425**	**264**	**195**

Saint Maarten

***PJ7/KØYR**	**A**	**6,960**	**41**	**40**

AFRICA

Canary Islands

EB8AH	**A**	**1,260**	**21**	**20**
***EA8OM**	**A**	**740,566**	**651**	**379**
			(OP: DJ1OJ)	
*EA8BQM	"	238,804	339	227

South Africa

ZS6DXB	**21**	**2,397,668**	**1307**	**637**

ASIA

Asiatic Russia

RG9A	**A**	**6,656,136**	**2255**	**807**
			(OP: UA9AM)	
RZ9HG	"	3,629,655	1687	711
RX9FM	"	3,190,922	1403	634
UA9QA	"	1,667,466	974	486
RXØAE	**"**	**1,104,928**	**913**	**473**
RM9RZ	"	501,396	499	329
RW9TA	"	63,597	159	129
UA9OC	"	1,323	21	21
UA9HR	**21**	**6,325**	**62**	**55**
RV9CP	**14**	**279,360**	**356**	**288**
RA9KM	"	736	17	16
UA9TT	**7**	**279,006**	**259**	**219**
***RA9DZ**	**A**	**953,225**	**721**	**419**
***UAØSE**	**"**	**379,647**	**548**	**327**
*RV9UF	"	38,556	134	119
*UAØQBR	"	19,565	101	91
***RK9JWR**	**21**	**2,088**	**31**	**29**
			(OP: RA9JR)	
***RA9JR**	**14**	**630,678**	**581**	**409**
***RKØSV**	**"**	**9,610**	**69**	**62**
*RAØANO	"	364	14	14

China

B4TB	**A**	**72,960**	**288**	**160**
			(OP: BA4TB)	
***BG4TQX**	**A**	**46,128**	**215**	**124**

Hong Kong

***VR1ØXLN**	**A**	**286,893**	**647**	**251**

India

***VU2NKS**	**A**	**293,764**	**399**	**271**

Japan

JQ1BVI	**A**	**1,165,364**	**1009**	**478**
JR2PMT	**"**	**248,300**	**367**	**260**
JF9JTS	**"**	**83,844**	**216**	**153**
***JO1WKO**	**A**	**425,915**	**460**	**301**
***JR5XPG**	**"**	**199,728**	**328**	**219**
***JK2VOC**	**"**	**69,120**	**245**	**120**
*JA2KPW	"	11,280	83	60
*JA1MZM	"	3,636	39	36
*JH1GUO	"	341	11	11
***JA1IZZ**	**21**	**5,535**	**53**	**45**

Kazakhstan

UP4L	**A**	**4,284,714**	**1759**	**714**
			(OP: UN7LZ)	
***UQ7ØF**	**14**	**11,098**	**67**	**62**
			(OP: UN8FM)	

South Korea

***HL1VAU**	**A**	**46,726**	**198**	**122**

West Malaysia

9M2CCO	**A**	**482,496**	**577**	**359**

EUROPE

Balearic Islands

***EB6AOK**	**A**	**76,433**	**233**	**179**

Belarus

EU6AA	**A**	**49,224**	**194**	**168**

Belgium

OQ4B	**A**	**480,216**	**594**	**374**
			(OP: ON4BHQ)	
OO5S	"	123,676	266	196
			(OP: ON5SY)	
OQ5M	**14**	**29,729**	**148**	**137**
			(OP: ON5ZO)	
***ON6LR**	**A**	**335,896**	**418**	**347**
*ON6FC	"	236,412	415	297

Bosnia-Herzegovina

E77DX	**A**	**8,715,798**	**3417**	**1071**
			(OP: OE1EMS)	

Bulgaria

LZ8A	**A**	**251,412**	**388**	**292**
			(OP: LZ2BE)	
LZ5Z	**14**	**507,474**	**716**	**466**

Crete

SV9GPV	**A**	**2,750,334**	**2653**	**773**

Croatia

9A2U	**28**	**15,795**	**105**	**81**
			(OP: 9A3ZA)	

Czech Republic

OL5T	**A**	**1,459,200**	**1109**	**608**
			(OP: OK1BOA)	
OK7Y	"	655,700	660	415
			(OP: OK1FDY)	
OK1DTC	"	628,358	610	422
OL6W	"	157,760	319	232
OK7MT	"	100,672	208	176
OK7M	**7**	**1,686,627**	**1079**	**579**
			(OP: OK1DIG)	
***OK2HZ**	**3.7**	**128,077**	**249**	**211**

England

MØRNR	**A**	**98,648**	**259**	**209**
G7VRK	"	26,125	113	95
G3YBY	**21**	**32,190**	**118**	**111**
***GØHVQ**	**A**	**323,076**	**467**	**327**
*G3ZQH	"	282,100	489	325
*MØDXR	"	143,612	295	223

Estonia

ES5QX	**21**	**9,348**	**64**	**57**
ES5RW	**14**	**2,257,717**	**1669**	**763**
ES5MG	**3.7**	**171,186**	**251**	**277**

European Russia

RK4FD	**A**	**4,753,098**	**2595**	**882**
UA3SAQ	"	1,931,942	1412	647
UA4RZ	"	1,389,816	1196	597
			(OP: UT5UDX)	
RU6FA	"	658,611	691	423
RU3VT	"	61,851	211	159
RA3DNC	"	37,260	154	138
RZ6HF	"	27,776	126	112
UA6YW	"	17,222	84	79
RA6YY	"	13,200	70	66
RK6ASY	"	11,100	86	74
RN3QO	**14**	**1,620,984**	**1513**	**696**
RK3DZB	"	1,568,908	1487	724
			(OP: RU3DNN)	
RV3FF	"	1,244,358	1315	657
***RA4FWA**	**A**	**249,912**	**452**	**234**
*RA6YDX	"	150,423	315	247
*RV6LA	"	83,512	231	143
*UA3RAW	"	37,740	163	148
*UA4CCC	"	36,448	164	134
*RX3MA	"	16,524	116	102
*UA1OMS	"	3,784	47	43
*RK3DMN	"	132	11	11
***RA3XEV**	**14**	**14,850**	**101**	**110**
*RA3WCG	"	3,713	49	47

Finland

OG5B	**A**	**3,574,928**	**2268**	**826**
			(OP: OH5BM)	
OG6N	"	1,456,380	1351	620
OG7X	"	100,854	330	234
OH6MW	"	49,056	164	146
***OH2FS**	**14**	**4,080**	**42**	**40**

France

F5VJK	**A**	**509,220**	**631**	**410**
F6GCI	"	117,949	264	211
F5CQ	"	24,444	92	84
***F8AKC**	**28**	**2,136**	**32**	**24**

Germany

DLØWW	**A**	**2,455,164**	**1462**	**716**
DL1ELY	"	1,651,422	1212	613
DJ3WE	"	1,189,439	1025	527
DL5KUT	"	1,175,760	1021	568
DL8DAZ	"	931,950	872	475
DHØGHU	"	909,816	861	501
DB2B	"	898,039	945	491
			(OP: DL8OBF)	
DL4GBA	"	866,320	777	476
DK6CQ	"	669,725	701	445
DL3LAB	"	529,995	594	397
DJ9MH	"	399,483	529	357
DL6EZ	"	393,084	545	366
DL7ON	"	326,039	443	329
DG4R	"	198,882	359	261
			(OP: DL1RG)	
DL1ECG	"	187,592	336	262
DRØV	"	124,372	294	236
			(OP: DL5GAC)	
DL1EJA	"	123,825	251	195
DF9IU	"	121,832	237	194
DL9NCR	"	108,350	253	197
DB9EX	"	64,306	179	158
DO1SAJ	"	33,768	143	126
DL4YAO	"	33,504	126	96
DL2SWN	"	28,496	118	104
DL2KUF	"	20,140	111	95
DD1JN	"	18,786	116	101
DO5AWE	"	15,390	102	81
DJ2QV	"	7,150	61	55
DLØTGM	"	6,111	72	63
			(OP: DK1OR)	
DKØTZ	"	364	14	14
			(OP: DL1SBF)	
DP9Z	**21**	**439,140**	**539**	**390**
			(OP: DF9ZP)	
DJ1AA	"	160,000	311	250
DL8QS	**14**	**517,082**	**587**	**458**
DM5X	"	501,676	635	437
			(OP: DL3NED)	
DL5JS	"	291,920	450	356
DK5OS	"	216,216	410	308
DC2YY	"	128,790	276	243
DK8JB	"	101,588	290	233
DL4SVA	**7**	**605,268**	**580**	**387**
***DAØCA**	**A**	**843,998**	**962**	**479**
			(OP: DL1REM)	
*DJ3HW	"	657,090	709	447
*DL9YAJ	"	614,040	689	420
*DJ2YA	"	200,816	323	308
*DL1EHR	"	200,081	389	283
*DK4WF	"	97,218	264	198
*DL1JGO	"	91,350	265	210
*DO9ST	"	85,008	211	184
*DK5MB	"	53,534	157	142
*DM3PKK	"	52,852	166	146
*DJ9AO	"	52,140	208	165
*DLØSP	"	31,110	154	122
			(OP: DL2JKE)	
*DF1HF	"	20,099	109	101
*DK7ZH	"	19,488	111	96
*DG5LAC	"	18,473	104	91
*DL1SVA	"	17,640	106	90
*DK6AH	"	10,200	80	68
*DL4EAX	"	3,627	42	39
*DF1HE	"	1,953	31	31
*DL1AZA	"	1,036	31	28
*DG5LM	"	950	19	19
***DL6EAQ**	**14**	**36,378**	**145**	**141**

Greece

SV2GJV	**A**	**28,749**	**119**	**111**
***SV1NK**	**A**	**185,130**	**346**	**242**

Hungary

HG3W	**A**	**360,100**	**517**	**325**
			(OP: HA3AUI)	
HAØHW	"	142,790	292	218
HA6PX	**21**	**248,489**	**420**	**311**
HA1YI	**3.7**	**1,246,232**	**1099**	**521**
HGØA	"	302,395	421	307

Iceland

TF3AO	**14**	**28,495**	**159**	**139**

Ireland

EI2CN	**A**	**939,875**	**899**	**515**

Italy

IZ8EPX	**A**	**896,660**	**1125**	**535**
I2SVA	"	346,408	449	344
IZ1MHS	"	152	8	8
IWØHOU	**28**	**13,872**	**88**	**68**
IZ5ASZ	**21**	**114,063**	**245**	**197**
IK2XYI	"	7,242	50	51
IQ2CJ	**14**	**3,701,335**	**2018**	**865**
			(OP: IK2NCJ)	
IZ5CML	"	919,204	898	572
IR5A	"	808,466	907	547
I1NVU	"	259,651	460	343
IZ8FWN	**7**	**1,703,592**	**1120**	**594**
IR2C	**3.7**	**2,380,644**	**1465**	**658**
			(OP: IW2HAJ)	
IW3SSA	"	652,080	730	418
IC8TEM	**1.8**	**162,675**	**331**	**241**
***IZ8APP**	**A**	**95,160**	**223**	**183**
*IQ8PQ	"	18,426	125	111
*IW3SAR	"	1,426	31	31
***IKØEIE**	**21**	**145,656**	**288**	**238**
*IP8IPY	"	10,758	68	66
***IW9HIK**	**14**	**4,081**	**53**	**53**

Kaliningrad

***RA2FIA**	**A**	**36**	**3**	**3**

Latvia

YL1S	**A**	**1,868,862**	**1396**	**642**
			(OP: YL1ZF)	

Lithuania

***LY1C**	**7**	**156,352**	**300**	**224**
***LY3S**	**3.7**	**163,560**	**312**	**235**

Luxembourg

LX7I	**A**	**1,401,264**	**1002**	**592**
			(OP: LX2A)	

Macedonia

Z37M	**A**	**3,783**	**41**	**39**
Z31MM	"	1,404	27	26
Z32MC	"	1,350	29	27
Z35X	**21**	**477,356**	**736**	**418**

Netherlands

PE1MMZ	**A**	**294,576**	**449**	**323**
PA5TT	"	101,291	249	199
PA1T	"	52,812	204	162
PA2CVD	"	23,919	133	119
PA5O	"	5,300	51	50
***PG7V**	**A**	**133,350**	**256**	**254**
*PE1FTV	"	79,278	232	181
*PB2JJ	"	46,041	179	149
*PE4BAS	"	38,610	149	130
*PA2MI	"	8,228	75	68
*PE1RIK	"	1,209	32	31

Poland

SN5G	**A**	**1,355,871**	**1145**	**543**
			(OP: SP5JTF)	
SP3GXH	"	705,760	739	440
SO8B	"	103,224	265	184
			(OP: SP8UFB)	
SP9HZW	"	29,835	143	117
SN9Y	"	5,618	55	53
			(OP: SP9UOP)	
SP9TTT	"	2,409	35	33
SP9LAS	"	1,071	21	21
SP8HXN	"	264	12	12
SP1RKT	**21**	**42,294**	**156**	**133**
SO7O	**14**	**33,728**	**130**	**136**
			(OP: SP7DQR)	
***SQ1EIC**	**A**	**55,107**	**194**	**157**
*SP2LQP	"	12,284	85	74
*SQ3RX	"	21	3	3
***SP1MWN**	**28**	**9**	**3**	**3**
***SP7FDV**	**7**	**23,265**	**105**	**99**
***SN9Q**	**3.7**	**106,434**	**294**	**219**
			(OP: SQ9NFI)	
*SQ9ITA	"	1,056	24	24

Romania

YR9P	**A**	**4,495,568**	**2487**	**902**
			(OP: YO9HP)	
YO3HKW	"	339,950	516	325
YO8BFB	"	126,474	283	214
YP3A	**21**	**451,485**	**660**	**395**
			(OP: YO3XX)	
YR1C	**14**	**1,658,394**	**1645**	**706**
			(OP: YO4NA)	
***YO3FRI**	**A**	**1,027,356**	**978**	**543**
*YO4RST	"	88,464	226	194
***YQ5Q**	**14**	**179,580**	**399**	**292**
			(OP: YO5OHO)	
*YO5OAG	"	65,637	234	187
*YO9CWY	"	56,160	214	156

Sardinia

***ISØ/IT9VDQ**	**A**	**19,256**	**127**	**116**

Scotland

GMØDBW	**A**	**160,684**	**358**	**278**
GM7M	"	29,832	123	113
			(OP: MMØERK)	
***GM4UYZ**	**A**	**13,328**	**117**	**98**

Serbia

YT2T	**A**	**4,979,676**	**2639**	**932**
YT5A	"	2,915,704	1698	748
YT3M	"	2,539,176	1756	723
YU9VK	"	674,960	695	472
***YT7TA**	**A**	**113,677**	**243**	**193**

Slovakia

OM8DD	**14**	**1,070,388**	**1024**	**561**

Slovenia

S56A	**A**	**1,755,304**	**1200**	**626**
S53S	**7**	**2,340,060**	**1242**	**645**
			(OP: S50XX)	
S51CK	**3.7**	**1,483,845**	**1210**	**561**
S53O	"	311,000	463	311
***S53F**	**A**	**129,645**	**282**	**215**
*S52W	"	80,105	237	185

Spain

AO5W	**A**	**294,120**	**536**	**360**
			(OP: EA5DWS)	
EF5J	"	270,732	386	293
			(OP: EA5YJ)	
EH7H	**"**	**207,080**	**419**	**310**
EA3EJI	**"**	**96,195**	**214**	**165**
EF1A	**"**	**14,535**	**105**	**95**
			(OP: EA1BLX)	
EA5EH	**21**	**338,793**	**515**	**357**
EA7ZY	**"**	**327,374**	**550**	**382**
AO4M	**"**	**267,580**	**492**	**340**
			(OP: EA4DEC)	
***EF1W**	**A**	**1,458,275**	**1281**	**641**
			(OP: EA1WS)	
*AM1W	"	594,150	659	425
			(OP: EA1OS)	
***EE7R**	**"**	**277,704**	**484**	**342**
*EA7HMB	"	53,584	172	136
***EC2AUD**	**"**	**35,154**	**167**	**126**
***EA5ASM**	**"**	**12,600**	**79**	**72**
***EA4ZK**	**28**	**11,940**	**81**	**60**
***EC3ADC**	**21**	**20,304**	**97**	**94**

Sweden

SMØGYX	**A**	**195,088**	**381**	**274**
SM6WET	"	5,670	49	45
***SIØE**	**A**	**6,171**	**61**	**51**
***SJØWPX**	**14**	**60,610**	**225**	**190**
			(OP: SMØOGQ)	

Switzerland

HB9CIC	**A**	**267,036**	**444**	**308**

Ukraine

UU2JQ	**A**	**159,870**	**278**	**219**
UR7HCX	"	131,224	288	188
UR5ZVJ	"	120,267	280	207
UX1RX	"	72,180	238	180
UR7EM	"	65,676	208	156
UT4MW	"	36,432	167	144
UR6MX	"	5,016	44	44
UW8I	**14**	**2,136,888**	**2036**	**761**
			(OP: UT2IZ)	
UV8M	"	1,796,292	1838	738
			(OP: UX3MR)	
UZ7M	**7**	**2,390,166**	**1236**	**657**
			(OP: UT9MZ)	
EO3Q	"	1,240,977	882	501
***UR5ETN**	**A**	**458,356**	**651**	**326**
*USØGH	"	153,888	320	229
*UU7JM	"	5,940	50	45
***UT1ML**	**14**	**31,824**	**163**	**144**

Wales

MW9W	**3.7**	**137,760**	**262**	**210**
			(OP: MWØJZE)	

OCEANIA

Australia

***VK2KDP**	**A**	**39,346**	**148**	**103**

Hawaii

***AH7G**	**28**	**2,376**	**36**	**33**

Indonesia

YBØIR	**A**	**266,364**	**383**	**252**
YB3IZK	"	194,812	313	226

New Zealand

ZL2IFB	**A**	**1,123,864**	**948**	**376**
***ZL1BYZ**	**A**	**361,616**	**578**	**233**
*ZL4PW	"	305,463	388	233

Philippines

DU1UGZ	**A**	**344,984**	**534**	**232**

SOUTH AMERICA

Argentina

LP1H	**A**	**7,091,045**	**2694**	**859**
			(OP: LU5HM)	
LTØH	**21**	**1,430,278**	**964**	**527**
***LU7YZ**	**A**	**685,201**	**702**	**373**
***LU3JVO**	**28**	**608**	**16**	**16**

Brazil

ZX2B	**A**	**9,533,793**	**3028**	**993**
			(OP: PY2MNL)	
PY5QW	"	2,230,000	1236	625
PY4OG	"	1,527,760	1000	520
PY2RDS	"	137,310	265	199
PY2IQ	"	96,330	229	169
PY5KA	"	62,335	171	137
PY3PA	"	54,502	156	119
PY6HD	"	27,000	131	90
PY6PRS	"	15,768	113	72
PV2P	**7**	**188,188**	**216**	**188**
			(OP: PY2DY)	
***ZX7A**	**A**	**3,620,149**	**1674**	**691**
			(OP: PS7TKS)	
*PY3MHZ	"	205,556	350	236
			(OP: PY3XX)	
*PY2EL	"	18,018	91	77
*PY2GMR	"	2,263	37	31
			(OP: PY2OMT)	
***PU1KGG**	**28**	**70,880**	**194**	**160**
*PY2XC	"	8,970	80	65
***PY2BRZ**	**14**	**595**	**17**	**17**
***PT7ZZ**	**7**	**116,620**	**154**	**140**
***PU1PRF**	**3.7**	**154**	**14**	**11**

Chile

XR3P	**A**	**525,262**	**535**	**362**
			(OP: CE3PG)	

Uruguay

***CX7TT**	**A**	**35,682**	**142**	**114**
			(OP: K6CT)	

Venezuela

YV6BXN	**A**	**11,501**	**59**	**53**
***YY5LI**	**21**	**233,160**	**361**	**268**

TRIBANDER/SINGLE ELEMENT

United States

KJ4VO	**A**	**2,451,417**	**1925**	**677**
			(OP: N4PN)	
K4PV	"	2,315,936	1828	686
NF4A	"	2,168,280	1686	634
N3MX	**A**	**1,958,535**	**1160**	**613**
N2QT/4	"	1,683,856	1203	551
WZ4F	"	1,585,980	1546	540
			(OP: K4AB)	
KG4W	"	1,561,230	1327	570
W6TK	**A**	**1,391,698**	**1495**	**539**
AA5B	**A**	**1,235,500**	**1617**	**500**
			(OP: @K5HAB)	
WAØMHJ	**A**	**1,203,288**	**1123**	**554**
KJ3X	"	1,007,820	1078	495
			(OP: K1DQV)	
AB3CX/2	**A**	**765,798**	**792**	**451**
K4FX	"	761,583	704	411
N3UM	"	603,648	618	384
KØRI	"	569,562	631	382
W1BYH	**A**	**500,480**	**546**	**340**
N1BCL	"	463,592	530	347
KV7DX	**A**	**429,005**	**566**	**359**
			(OP: KN5H)	
KR4F	"	417,094	512	347
AE1P	"	406,086	649	318
WZ7M	"	356,952	744	321
			(OP: K7MO)	
WG7X	"	331,154	739	313
NJ1F/2	"	324,324	505	297
WØATC	"	300,310	567	295
			(OP: WAØHLJ)	
WA4ASJ	"	299,376	446	297
W8RJL/4	"	260,739	401	261
AE1T	"	249,242	356	266
N2DWS	"	217,872	327	272
ND1X	"	209,013	390	269
K2SX/4	"	190,476	341	234
N2VW	"	150,046	253	199
WA5ZUP	"	141,680	425	220
KY4P	"	141,470	301	215
K3IE/4	"	141,372	298	204
W4NTI	"	139,582	293	202
NJ4F	"	131,453	268	211
KB6A	"	129,248	295	224
NQ7R	"	126,324	297	198
NI7T/6	"	120,120	309	195
WR5G/7	"	117,990	280	190
KY4Q/8	**A**	**103,462**	**226**	**179**
K5VIP/4	"	90,072	199	139
N5RMS	"	80,842	227	166
W8JMF	"	74,382	186	147
KE8UM	"	73,050	175	150
NC4MI	"	68,370	200	159
W8OHT	"	67,425	194	155
K8OZ/3	"	66,138	198	151
W6EB	"	63,176	208	149
KM9M	**A**	**60,514**	**288**	**158**
WWØAL	"	55,860	221	140
W7SW	"	52,984	205	148
AB1BW	"	52,345	168	145
W4CU	"	46,624	165	124
AIØQ	"	33,428	142	122
WA9IVH	"	33,165	136	99
WA3OFC/4	"	18,509	85	83
NW1E	"	18,450	86	75
			(OP: K1JN)	
KR7P	"	5,610	61	51
WW6OR	**21**	**46,443**	**177**	**113**
			(OP: K6JAT)	
W6RKC	"	6,486	50	47
K4EU	**14**	**406,747**	**528**	**359**
WX6V	"	401,128	631	364
W9DX/5	"	299,398	462	341
KD7DCR	"	16,274	85	79
W2IRT	**7**	**178,688**	**248**	**349**
WN2O	**3.7**	**241,528**	**423**	**266**
			(OP: N2GC)	
KK9V	**"**	**168,480**	**404**	**240**
N4NX	"	163,530	361	237
***WD5K**	**A**	**1,042,056**	**1112**	**492**
***WZ8T**	**"**	**607,986**	**740**	**417**
*WB8TLI	"	516,880	582	355
***WE4YL/9**	**A**	**468,480**	**806**	**366**
***KR7RK**	**A**	**363,940**	**642**	**310**
*W3TZ/5	"	355,992	584	312
***WB4JFS**	**A**	**335,808**	**491**	**288**
***NØYO**	**A**	**292,134**	**516**	**269**
*NE4S	"	237,440	454	265
***KS2G**	**A**	**197,866**	**349**	**254**
*AAØNK	"	193,356	376	262
***KB3LIX**	**A**	**191,293**	**339**	**233**
*N3ALN	"	189,750	445	253
*WB8JUI	"	174,517	370	233
*WBØTSR	"	159,139	359	233
*K9JE	"	155,495	344	227
*AA6YX	"	143,664	334	219
***NA1QP**	**A**	**129,116**	**273**	**191**
			(OP: W1CTN)	
*NØBUI	"	113,400	336	210
*AK9I	"	96,534	340	186
***KF6IHL**	**A**	**94,656**	**272**	**174**
*W4KAZ	"	85,008	235	168
*AA4LR	"	78,971	204	157
*KØCN	"	75,604	269	164
*KCØDEB	"	74,898	210	171
*N4QWB	"	73,752	243	168
*W7RV	"	72,224	205	148
*KC5R	"	71,568	208	144
*W1CRK	"	71,442	217	162
*K4NAU	"	63,492	180	148
*WA6NHO	"	58,225	199	137
*N9TF	"	43,989	151	129
*N8HP	"	43,335	158	135
*WA1ZYX	"	41,535	164	117
*AE6YB	"	37,638	203	123
*ADØH	"	37,422	152	126
*N3UA/4	"	36,225	122	105
*W6JYT/7	"	34,804	171	113
*WØIS	"	33,558	190	119
*N3CZ/4	"	32,015	121	95
*K4UVA	"	31,740	122	115
*K5WW	"	27,324	125	92
*N8NA/3	"	27,000	108	100
*NN5T	"	25,380	112	94
*NØSMA	"	25,038	151	107
*WAØKDS/7	"	24,682	114	82
*W3MGL/4	"	23,808	116	96
*WA7MR	"	22,525	135	85
*KA4OTB	"	22,135	117	95
*N7FLT	"	21,828	120	102
*KI4FIA	"	20,520	121	95
*WØKC	"	19,208	113	98
*N8AE	"	16,281	102	81
*N4VA	"	15,405	88	79
*WA8SDF	"	14,580	104	81
*KZ2I/4	"	12,851	72	71
*AB3S/4	"	10,950	83	73
*K6CSL	"	10,492	83	61
*AA5SH	"	8,909	62	59
*W2SR	"	8,062	62	58
*KØKU	"	6,985	62	55
			(OP: KCØIDI)	
*KKØSD	"	6,318	74	54
*KB8FZY	"	6,111	69	63
*W4HRC	"	3,612	45	42
*N5PU	"	2,418	41	39
*KG6YHH	"	2,340	45	39
*W8EH	"	1,350	31	30
*K7TR	"	264	8	8
*AE4EC	"	144	12	12
*N7RSE	"	104	8	8
*KB1KRS	"	1	1	1
***WA1FCN/4**	**28**	**2,688**	**36**	**32**
***W7UPF**	**21**	**39,558**	**132**	**114**
*K7MY	"	13,002	74	66
***W4/MØBUE**	**14**	**310,155**	**607**	**345**
*NN5Z	14	78,120	321	180
			(OP: K5PX)	
*K7ACZ	"	37,375	122	115
***N5DGK**	**7**	**1,768**	**26**	**26**
***KCØRQH**	**3.7**	**576**	**16**	**16**
***K3BU/2**	**1.8**	**3,060**	**53**	**36**

DX

CT9L	**A**	**15,981,472**	**4198**	**1066**
			(OP: DF7ZS)	
HG8R	**A**	**6,211,205**	**2866**	**1001**
			(OP: HA8JV)	
FY1FL	**A**	**4,784,856**	**1934**	**772**
UP4L	**A**	**4,284,714**	**1759**	**714**
			(OP: UN7LZ)	
EA6SX	**A**	**4,284,054**	**1919**	**841**
CT1DIZ	**A**	**3,875,040**	**2480**	**897**
CE4CT	**A**	**3,690,225**	**1735**	**693**
AY8A	**A**	**3,120,834**	**1619**	**678**
			(OP: LU8ADX)	
YJ8TZ	**A**	**2,776,869**	**1921**	**513**
			(OP: VK3TZ)	
S56M	**A**	**2,388,100**	**1594**	**715**
VK2APG	**A**	**1,890,910**	**1482**	**454**
YL1S	**A**	**1,868,862**	**1396**	**642**
			(OP: YL1ZF)	
UA6UDV	**A**	**1,534,280**	**1334**	**605**
MDØCCE	**A**	**1,471,927**	**1084**	**577**
JE1LFX	**A**	**1,454,904**	**1095**	**484**
OH1RX	**A**	**1,381,788**	**1105**	**586**
SN5G	**A**	**1,355,871**	**1145**	**543**
			(OP: SP5JTF)	
VE3CR	**A**	**1,269,816**	**802**	**471**
LZ2SX	**A**	**976,752**	**1095**	**532**
DK1KC	**A**	**926,224**	**908**	**488**
DB2B	"	898,039	945	491
			(OP: DL8OBF)	
VU2PTT	**A**	**802,426**	**784**	**421**
IK2SND	**A**	**797,685**	**862**	**497**
VE4EAR	**A**	**700,441**	**724**	**329**
YB1AR	**A**	**685,038**	**685**	**381**
4Z5ML	**A**	**626,808**	**504**	**312**
VE1MC	**A**	**580,013**	**530**	**343**
HA1TNX	"	557,032	593	392
XR3P	"	525,262	535	362
			(OP: CE3PG)	
9M2CCO	**A**	**482,496**	**577**	**359**
DL9GWD	"	472,004	597	377
DL1NEO	"	464,128	626	392
VK2CA	"	461,829	631	257
DK8EY	"	449,811	563	369
CE3BFZ	"	443,520	561	240
JA7COI	**A**	**427,040**	**605**	**272**
DL1QQ	"	389,918	622	331
MØWLF	"	367,734	510	334
HG3W	**A**	**360,100**	**517**	**325**
			(OP: HA3AUI)	
VA2WDQ	**A**	**356,320**	**393**	**262**
I2SVA	"	346,408	449	344
YO3RU	"	337,280	528	320
SP3GTS	"	318,240	491	306
PE1MMZ	**A**	**294,576**	**449**	**323**
PY5ZD	"	288,360	385	270
VE3ZZ	"	283,026	365	258
LZ8A	**A**	**251,412**	**388**	**292**
			(OP: LZ2BE)	
S58L	"	239,166	416	309
SV9COL	**A**	**225,261**	**466**	**309**
PAØJNH	**A**	**204,484**	**345**	**268**
EA4TG	**A**	**202,266**	**496**	**306**
F4DSK	**A**	**194,790**	**383**	**258**
YL9T	"	154,940	328	254
PY2RDS	"	137,310	265	199
DF9IU	"	121,832	237	194
JH8FIH	**A**	**121,813**	**262**	**181**
G4OWT	"	121,695	236	183
BA5DX	**A**	**121,626**	**376**	**174**
VE7NS	**A**	**110,500**	**229**	**170**
S51DX	"	107,334	291	201
IWØBCF	"	102,486	254	186
MØRNR	"	98,648	259	209
EA3EJI	**A**	**96,195**	**214**	**165**
EC5AAB	"	95,120	281	232
PY7MV	"	85,920	194	160
B4TB	"	72,960	288	160
			(OP: BA4TB)	
PY5KA	"	62,335	171	137
UAØDAM	**A**	**55,594**	**201**	**133**
DF7YT	"	49,220	143	115
OH6MW	"	49,056	164	146
RA6AR	"	41,602	139	122
JO1SIM	"	40,710	177	115
YT2AA	**A**	**36,410**	**135**	**110**
VE6TR	"	36,406	123	109
G7VRK	"	26,125	113	95
RX3VF	"	20,172	129	123
XE1EX	**A**	**18,070**	**82**	**65**
YV6BXN	**A**	**11,501**	**59**	**53**
SM6WET	"	5,670	49	45
JF1AZQ	"	5,382	59	46
IK8JDH	"	3,906	43	42
VK2GR	"	2,324	34	28
EA4ETW	"	1,056	24	24
UN5J	"	242	12	11
KG6DX	**28**	**247,217**	**514**	**173**
Z35X	**21**	**477,356**	**736**	**418**
AO4M	"	267,580	492	340
			(OP: EA4DEC)	
JH7XMO	"	149,768	341	193

PAØM	"	9,006	61	57
4Z4OQ	**14**	**3,983,984**	**1925**	**776**
EA5KV	"	2,273,810	1992	770
YB4IR	"	951,584	734	454
OQ5M	"	29,729	148	137
			(OP: ON5ZO)	
VY1EI	"	14,615	89	79
VA6XDX	**7**	**119,980**	**222**	**140**
			(OP: VE6LB)	
SP7HKK	**3.7**	**1,126,428**	**996**	**516**
G8DYT	"	434,190	497	353
IO3X	"	208,458	294	333
MW9W	"	137,760	262	210
			(OP: MWØJZE)	
RA6DB	**1.8**	**84,597**	**226**	**173**
***CN2BC**	**A**	**4,698,149**	**1998**	**779**
			(OP: DL7BC)	
***RX9AM**	**A**	**1,826,478**	**1098**	**522**
***OK1WCF**	**A**	**1,534,468**	**1162**	**598**
***S59KW**	**A**	**1,316,641**	**1107**	**587**
***IU9A**	**A**	**1,262,602**	**1526**	**638**
***YO3APJ**	**A**	**819,553**	**793**	**497**
*I1EIS	"	766,055	795	439
***EA8OM**	**A**	**740,566**	**651**	**379**
			(OP: DJ1OJ)	
***DR4G**	**A**	**692,172**	**732**	**442**
			(OP: DJØGM)	
***LU7YZ**	**A**	**685,201**	**702**	**373**
***4D75B**	**A**	**669,340**	**949**	**245**
			(OP: DU1BP)	
***XE2YBG**	**"**	**668,169**	**785**	**339**
*DJ3HW	"	657,090	709	447
***RK3MWI**	**A**	**654,885**	**742**	**405**
			(OP: UA3MSA)	
*DL9YAJ	"	614,040	689	420
***AM1W**	**"**	**594,150**	**659**	**425**
			(OP: EA1OS)	
***HA1BC**	**A**	**551,705**	**593**	**385**
			(OP: DL1MAJ)	
***VK9ANU**	**A**	**527,472**	**726**	**222**
*EA4TV	"	518,154	765	438
*DB7TF	"	513,420	629	398
***YB1TJ**	**A**	**511,920**	**549**	**316**
*DC7NF	"	485,608	615	404
***VE3KPP**	**A**	**435,214**	**524**	**247**
***F5LIW**	**A**	**430,124**	**545**	**367**
***VE2XAA**	**A**	**425,425**	**454**	**325**
*YB2ECG	"	368,350	492	265
***ON4CT**	**A**	**343,416**	**481**	**349**
*EE7E	"	337,500	617	375
			(OP: EC7ABV)	
***G4DFI**	**A**	**306,525**	**469**	**335**
***VU2NKS**	**A**	**293,764**	**399**	**271**
*GB9ØRAF	"	292,400	488	344
			(OP: G3VAO)	
*G3ZQH	"	282,100	489	325
*EE7R	"	277,704	484	342
***PY2DU**	**A**	**269,352**	**390**	**258**
*DF7EF	"	267,520	419	320
*EA3FF	"	252,747	413	297
***A35RK**	**A**	**251,680**	**493**	**208**
*RV9CBW	"	244,902	324	238
*EB2CYQ	"	238,854	368	282
*DK5DQ	"	233,480	374	260
***JHØNEC**	**A**	**232,971**	**377**	**237**
***OZ1ACB**	**A**	**228,636**	**402**	**292**
***CT3HF**	**A**	**226,240**	**342**	**224**
*YO5OHY	"	214,760	379	260
*DL1EHR	"	200,081	389	283
*DF1LON	"	196,746	387	271
*G4DBW	"	195,021	396	279
***HZ1PS**	**A**	**189,840**	**297**	**226**
***EA6XQ**	**A**	**187,372**	**358**	**278**
*7J1AQH	"	184,416	369	204
			(OP: VE7HA)	
***HB9ODK**	**A**	**150,768**	**308**	**216**
*IR9Z	"	140,556	296	212
			(OP: IT9VCE)	
*U1BA	"	137,340	329	252
*DK7TM	"	125,610	327	237
***D2NX**	**A**	**124,872**	**255**	**172**
			(OP: JM1CAX)	
***EI7CC**	**A**	**124,372**	**296**	**236**
*EA5TT	"	110,644	268	199
*DO9PL	"	106,708	287	206
***CE2WWF**	**A**	**106,470**	**236**	**182**
***SE5S**	**A**	**105,565**	**262**	**215**
*VE3MPT	"	101,067	224	177
*IW9FI	"	97,500	257	195
*DK4WF	"	97,218	264	198
*PE1LTY	"	92,442	252	213
*IW5ECP	"	84,422	246	191
*IK2YSJ	"	82,320	256	196
*RX9DJ	"	79,424	198	146
*JE4AEJ/1	"	78,804	247	132
*YT3AA	"	75,240	217	180
*EB5WC	"	74,860	224	190
*EB1EVX	"	73,138	228	194
***OH3DP**	**A**	**67,423**	**212**	**191**
*JR3RIY	"	66,640	180	119
*RL3WX	"	66,062	182	134
*VE3TW	"	64,090	166	130
*OK7N	"	63,176	180	149
*IT9LED	"	60,684	196	156
*2E1FVS	"	59,532	194	164
*LU4KC	"	57,915	225	135
			(OP: LU6KA)	
*PA3DBS	"	57,768	206	174
*JA1FRQ	"	52,095	171	115
*PA3FMC	"	51,867	191	153
*F1RHS	"	49,305	209	173
*IW4EGX	"	48,356	169	154
*JA1XUY	"	47,632	194	104
*IZ4DIG	"	45,014	158	142
*VE1JS	"	44,908	115	109
*IWØGYC	"	43,030	162	130
*RW3VZ	"	41,984	147	128
***VK4AMC**	**A**	**41,921**	**153**	**103**
*PE2JMR	"	41,648	166	137
***LA7GNA**	**A**	**41,055**	**181**	**161**
*DO3ME	"	36,418	151	131
*F4CUI	"	36,288	143	126
***SP6NVK**	**A**	**35,644**	**168**	**133**
*DV1JD	"	33,840	144	90
*RA3VE	"	33,787	138	113
*PY2NA	"	32,536	119	98
*SE6C	"	30,125	146	125
			(OP: SM6CDN)	
*YC1UGK	"	28,574	120	91
*RV9UP	"	28,120	100	95
*VE3JI	"	26,960	101	80
*G4NXG	"	26,304	110	96
*JL7XBN	"	24,388	131	91
*JA2VZL	"	23,940	122	84
*G6UBM	"	22,422	118	101
*JL8MBF	"	22,386	124	82
*G6CSY	"	22,295	103	91
*JA3JM	"	21,440	133	80
*MØTLN	"	20,790	121	110
*UAØQBR	"	19,565	101	91
*IN3FHE	"	19,278	103	102
*RU3VD	"	17,228	73	73
*EA5TN	"	17,199	101	91
*IT9JOB	"	17,094	77	74
*MØJPF	"	16,660	101	98
*IZ1NBX	"	15,738	97	86
*PG2D	"	15,210	101	90
*SM7RPU	"	15,138	98	87
***9G5ZS**	**A**	**14,342**	**76**	**71**
*DF8JK	"	13,188	98	84
*DH5MM	"	12,702	78	73
*MØYOY	"	12,480	83	78
*JA2PFO	"	10,500	70	50
*VE7BGP	"	10,384	68	59
*SM5OSZ	"	9,864	80	72
*EC3ADB	"	9,638	68	61
*SP9BMH	"	9,324	66	63
*ZS4JAN	"	8,848	85	56
*VK6FDX	"	8,580	69	52
*EW7LE	"	8,107	70	67
*JA4BDY	"	7,904	68	52
*KH7/KO7X	"	7,440	48	40
*IWØHPL	"	7,384	61	52
*F2RO	"	6,360	54	53
*DG6DAF	"	6,148	54	53
*DF6YC	"	4,324	50	47
*HL5YI	"	4,268	55	44
*RW4LQ	"	3,441	37	31
*EC1AQT	"	3,256	45	44
*PY2GMR	"	2,263	37	31
			(OP: PY2OMT)	
*EA5GZO	"	1,980	37	36
*JI1UDD	"	1,971	34	27
*VK4XES	"	1,809	27	27
*JR3SZZ	"	1,764	37	28
*YU1IV	"	1,650	25	25
*JF1RYU	"	1,122	23	22
*EA1GPL	"	1,000	22	20
*JA2DLM	"	960	21	20
***EC7AKV**	**28**	**17,821**	**102**	**71**
*JL3MCM	"	6,864	48	66
*IZ8CCW	"	5,500	68	55
*7N2UQC	"	4,480	61	40
*PT9PA	"	4,182	47	41
*JF4GWA	"	153	9	9
***JA6WFM/HC5**	**21**	**528,048**	**575**	**342**
*YC6LAY	"	167,272	310	203
*IKØEIE	"	145,656	288	238
*SV1UT	"	94,966	260	206
*JA2VSU/3	"	765	19	17
*SG3O	"	300	10	10
			(OP: SM3AGO)	
***AO1B**	**14**	**317,824**	**598**	**382**
*AM3CS	"	73,485	246	213
			(OP: EA3CS)	
*PI4AML	"	59,340	211	172
			(OP: PG2AA)	
*DL9LR	"	37,125	159	135
*DL6EAQ	"	36,378	145	141
*JA8IJI	"	19,350	108	86
*PI4WLD	"	18,972	92	93
			(OP: PAØMIR)	
*JA4AQR	"	18,445	92	85
*PY5KW	"	16,236	89	82
*VE3IAE	"	14,212	71	76
*UQ7ØF	"	11,098	67	62
			(OP: UN8FM)	
*UR5IKN	"	2,280	38	38
*S58P	"	1,664	27	26
*UA9JMB	"	288	18	16
*SH3O	"	200	10	10
			(OP: SM3TLG)	
***LY2MM**	**7**	**229,457**	**361**	**269**
*HA6IAM	"	105,432	230	184
*UA1ANA	"	21,526	101	94
*JR4URW	"	14,328	88	72
*JF3IYW	"	7,396	46	43
*OH6JYH	"	2,240	31	28
***3Z1ØUM**	**3.7**	**541,320**	**668**	**390**
			(OP: SQ9UM)	
*PAØMIR	"	99,180	169	261
*OK2WYK	"	41,796	151	129
***VE3MGY**	**1.8**	**109,361**	**252**	**119**
*EA3AKA	"	12,483	81	73

ROOKIE

United States

W1GUS	**A**	**1,374,080**	**1225**	**565**
KB1ODO	"	109,610	308	194
KE7FBY	**A**	**76,314**	**259**	**161**
W5YAA	**A**	**73,538**	**204**	**166**
AD7SI	"	37,440	173	120
N4RVM	**A**	**30,192**	**131**	**111**
W5BKT	"	14,350	102	82
KE5FUE	"	9,864	85	72
KE7HTL	"	6,084	61	52
KG6ZHC	**A**	**4,560**	**58**	**48**
KCØNXB	**A**	**2,574**	**42**	**39**
KB1QGZ	"	782	24	23
AE5FD	"	121	11	11
KB1PLN	**14**	**6,027**	**51**	**49**
KI4ZGF	"	270	10	10
***KI4PKW**	**A**	**146,076**	**346**	**222**
***KB1MIC**	**A**	**140,399**	**299**	**217**
*K4CX	"	126,484	348	206
*KB1OWT	"	109,890	236	185
***KBØARZ**	**A**	**93,810**	**274**	**177**
***K6DEX**	**A**	**70,144**	**200**	**137**
*KI6JJW	"	69,280	233	160
***AD7KG**	**A**	**52,416**	**209**	**144**
***AA2DS**	**A**	**48,112**	**157**	**124**
*K2BBQ	"	47,580	153	122
*AF6EV	"	46,138	166	118
*KO5D/7	"	34,485	160	121
*KA1G	"	30,316	122	106
*K6KWB	"	27,621	139	99
***KD8ELX**	**A**	**24,274**	**130**	**106**
*K2SI	"	23,835	133	105
***KC9KIO**	**A**	**21,412**	**132**	**101**
*KF7P	"	20,832	115	93
*KI4VQQ	"	18,509	103	83
*KDØBRD	"	14,448	107	86
*KU4MT	"	14,136	101	76
*KD8CDC	"	10,010	83	65
*NT8K	"	8,680	64	62
*KM5Z	"	7,770	79	70
*N9PVQ	"	6,496	75	58
*N5HMH	"	5,964	90	71
*KG6RCW	"	3,420	55	45
*AF6AV	"	2,800	38	35
*AE4CW	"	2,590	37	35
*K6VUG	"	1,624	32	28
*N6EF	"	1,612	33	31
*KCØUUT	"	1,131	32	29
*AI4QR	"	860	22	20
*AB8XE	"	560	20	20
*NT6ET	"	336	12	12
*KD5UBC	"	198	11	11
*KD8GKL	"	169	14	13
*KB3OUK	"	88	8	8
***KS6M**	**14**	**7,381**	**77**	**61**
*KA6YLA	"	6,667	66	59
*K4YYD	"	5,200	56	50
*KE5LHC	"	100	10	10
*KE5LFO	"	10	2	2
***WB8TLH**	**7**	**3,360**	**56**	**48**

DX

NHØDX	**A**	**2,411,046**	**2087**	**369**
OT2A	**A**	**2,220,288**	**1534**	**708**
IZ1LBG	**A**	**2,115,280**	**1419**	**685**
RN3ZC	**A**	**1,524,772**	**1361**	**586**
UA6YIU	"	1,361,835	1256	571
UT6EE	**A**	**495,670**	**596**	**365**
LA9LMA	**A**	**381,628**	**604**	**358**
DJ6TB	**A**	**27,820**	**125**	**107**
UA9SAW	"	21,080	96	85
BG5HSC	"	1,674	31	27
BG5HRE	"	1,242	26	23
YC1RW	21	114	7	6
OM7ANB	**14**	**569,296**	**700**	**442**
EC5ANF	"	7,957	79	73
PV2P	**7**	**188,188**	**216**	**188**
			(OP: PY2DY)	
OM7RX	"	57,300	186	150
IW3SSA	**3.7**	**652,080**	**730**	**418**
***EA8CDI**	**A**	**996,710**	**703**	**410**
***IZ3KKE**	**A**	**702,093**	**726**	**469**
***RK9AJZ**	**A**	**502,920**	**507**	**330**
***PY7VI**	**A**	**458,850**	**490**	**322**
*UA9MR	"	453,000	495	302
***F4FDA**	**A**	**416,780**	**544**	**364**
***EA2COD**	**A**	**274,205**	**462**	**317**
*F4FFH	"	268,736	438	304
*RU9CD	"	247,696	326	226
***DK1ROB**	**A**	**187,726**	**317**	**253**
***RD3WF**	**A**	**180,544**	**388**	**217**
***OL2T**	**A**	**161,750**	**357**	**250**
			(OP: OK2TC)	
***VO1DJT**	**A**	**154,316**	**261**	**223**
*USØGH	"	153,888	320	229
*DM5LK	"	149,568	351	246
*F4FEP	"	126,792	281	216
***VK4FRAJ**	**A**	**114,708**	**309**	**158**
*VE3NCQ	"	110,880	225	154
***PD7BZ**	**A**	**102,820**	**259**	**212**
*DO9RE	"	102,400	269	200
*EA2AOO	"	94,615	191	149
***SAØAQT**	**A**	**90,624**	**241**	**192**
***OE5CWO/2**	**A**	**88,464**	**250**	**194**
*IZ8JFL	"	87,870	224	174
***ON3AR**	**A**	**83,727**	**256**	**189**
*IT9JDH	"	68,820	216	155
*IZ1KGY	"	65,221	210	173
*EI4GXB	"	61,537	180	149
*XE2JA	"	57,900	232	100
*BV4VR	"	56,440	244	136
*EA7HMB	"	53,584	172	136
*YO5CCX	"	41,265	164	131
*PG1R	"	35,937	148	121
*EI4GNB	"	35,868	137	122
*XE2HUM	"	26,796	123	87
*M3ENF	"	25,538	120	113
*VA2PZ	"	24,708	96	87
*UU4JC	"	19,040	90	80
			(OP: UU2JUA)	
*DC4PAS	"	18,414	114	99
*VE1RAR	"	18,252	85	78
*OH8GZQ	"	17,304	114	103
*M3OHI	"	15,288	110	98
*DL2IH	"	13,741	98	91
*BY8AC	"	12,986	141	86
			(OP: BD8ATI)	
*BG4TBJ	"	10,143	84	63
*DO8TB	"	9,424	81	76
*EA3GOD	"	8,580	63	60
*IN3SJG	"	8,500	74	68
*IK3MLF	"	6,375	54	51
*EA7EYQ	"	5,664	49	48
*SQ7MRP	"	5,247	57	53
*VE2LX	"	5,136	51	48
*DL6JV	"	5,022	66	62
*IZ5HQB	"	4,628	59	52
*IZ2LSC	"	3,366	38	34
*BG4JWU	"	3,311	53	43
*BG3EO	"	2,262	47	39
*IZ5NFD	"	1,891	34	31
*DO2CT	"	1,885	29	29
*EA6AFM	"	1,495	25	23
*BD3MZX	"	1,450	35	29
*IZ6INR	"	1,269	27	27
*SP7IIT	"	60	4	4
***HI8PJP**	**28**	**3,379**	**39**	**31**
***YY5LI**	**21**	**233,160**	**361**	**268**
*DW1UBY	"	61,696	197	128
*V51YJ	"	31,815	109	105
*EC7DZL	"	8,151	60	57
*IZØGXM	"	1,728	24	24
***UA1AQA**	**14**	**377,235**	**609**	**415**
***VK4HAM**	**14**	**304,965**	**474**	**251**
*IC8DAK	"	244,216	571	343
*OT2C	"	156,429	342	273
*YT2AAA	"	126,492	329	254
*RWØUM	"	124,848	332	216
*V8AQM	"	71,214	186	143
*EA7HEG	"	50,592	228	204
*4Z5MY	"	27,400	111	100
*VA7ALK	"	24,892	121	98
*RK9UAC	"	22,533	94	87
*OH8GZN	"	13,585	106	95
*BG4JUU	"	9,882	96	81
*BY7KP	"	9,246	91	69
*IZ5MMQ	"	5,893	73	71
*VE8DW	"	3,648	44	38
*LA2LI	"	1,584	34	33
***EC5CSW**	**7**	**409,370**	**444**	**335**
*IT9ZIV	"	115,668	247	204
*KH6TS	"	605	11	11
*RA9UAD	"	40	5	4
***OM7AAS**	**3.7**	**127,161**	**286**	**213**
*SQ5NAE	"	106,656	248	202
*PU1PRF	"	154	14	11
***RK2FXG**	**1.8**	**11,520**	**80**	**72**
			(OP: RA2FIR)	

MULTI-OPERATOR
SINGLE TRANSMITTER

NORTH AMERICA

United States

K3EST/4	**6,347,900**	**2774**	**988**
WU3A/1	**6,081,120**	**2452**	**984**
WR3Z	**6,025,790**	**2679**	**983**
NX5M	**5,893,424**	**3818**	**922**
NQ2F	**3,981,516**	**2126**	**868**
WC6H	**3,751,875**	**2935**	**725**
WA7XX	**3,098,771**	**2243**	**683**
AJ9C	**2,412,072**	**1618**	**702**
WX5S/6	1,708,643	1613	601
KT4PD	1,646,970	1402	618
W7EB	1,300,455	1653	513
K2DB	950,950	955	494
WX7P	870,849	1234	483
NQ4U	779,225	908	439
AB2DE	671,888	677	392
NØMA	**570,375**	**686**	**375**
W4EE	482,657	580	361
N2BZP	466,452	574	378
WQ1Z	426,378	556	358
KG7C	403,340	796	335
KI4GUO	402,067	680	353
WT4Q/2	309,300	547	300
WQ2N	309,000	514	309
KDØS	302,376	522	293
W6SAI/4	286,901	486	281
KB1OGL	204,006	338	242
N4CW	190,026	287	243
WU4N	157,707	278	243
N8AJN/Ø	132,692	352	196
K4YHB	124,992	283	192
N4DXY	79,659	272	159
W5LCC	74,221	203	161
WØEF	68,886	201	178
N2NGW	16,104	105	88
KC9LQS	10,187	75	61
AI9I	4,429	48	43

Alaska

KL7AIR	**43,656**	**178**	**107**

Canada

VE6SV	**2,855,776**	**1721**	**616**
VA2TG	**1,035,336**	**812**	**482**
VE7HL	**74,592**	**217**	**144**
VA3ARG	**46,904**	**146**	**104**

Costa Rica

TI5N	**6,395,825**	**3210**	**745**
TI8M	1,066,185	983	387

Dominican Republic

HI3C	**7,871,062**	**3007**	**883**

Guadeloupe

TO6T	**10,047,402**	**3354**	**981**

Haiti

HH4/AF4Z	**2,978,820**	**1965**	**603**

Martinique

TO1C	**4,283,078**	**1963**	**797**

Mexico

XE1CXC	**2,660,367**	**2145**	**503**

Turks & Caicos

VQ59W	**5,353,638**	**2243**	**807**

Virgin Islands

KP2TM	**14,190,228**	**4646**	**1053**

AFRICA

Canary Islands

EH8A	**3,088,640**	**1588**	**640**

Madeira Islands

CQ95F	**23,507,296**	**4908**	**1256**
CQ3T	18,009,992	4297	1144

Mauritania

5T5DC	**2,004,912**	**1041**	**468**

Morocco

5D5A	**33,066,880**	**6372**	**1342**

ASIA

Armenia

EKØB	**7,641,211**	**2574**	**779**

Asiatic Russia

RT9W	**10,009,908**	**2940**	**909**
UA9UZZ	5,678,624	2132	808
RWØLT	**1,543,213**	**1311**	**491**
RK9CZO	831,082	679	406
RZ9WXK	385,029	422	239
RK9CYA	183,664	301	208
RXØLYP	24,628	126	94

China

B7M	**2,286,113**	**1754**	**631**
BY1QH	163,020	435	228
B1P	113,486	465	179
BY6AH	76,415	279	145
BY1TTY	35,620	211	137

Cyprus

P33W	**26,089,327**	**5621**	**1243**
C4N	17,440,784	4313	1114

Japan

JI2ZJS	**2,492,608**	**1436**	**632**
JA8RWU	**1,868,720**	**1200**	**568**
JA2ZJW	1,625,520	1181	521
JI2ZEY	1,426,425	1048	475
JF2QNM	1,068,408	1002	418
JA3YKC	**130,880**	**337**	**160**
JA7YCQ	**20,124**	**107**	**86**

Kazakhstan

UP9L	**1,609,872**	**1001**	**528**
UN4L	101,592	198	153

Kuwait

9K2HN	**15,858,564**	**4256**	**1038**

Qatar

A73A	**8,231,928**	**2960**	**908**

South Korea

D73D	**541,554**	**990**	**262**

Turkey

TB37F	**8,215,430**	**2650**	**811**
TC7KA	5,886,000	2370	720
TC3EC	3,325,756	1542	574

United Arab Emirates

A62ER	**3,822,420**	**1923**	**665**

EUROPE

Austria

OE2S	**8,467,888**	**3147**	**1144**
OE9R	2,707,614	1665	754

Balearic Islands

EH6R	**2,144,514**	**1802**	**678**

Belarus

EW8WW	**18,300**	**112**	**100**
EW6WA	5,502	47	42
EW8ZO	1,140	20	19

Belgium

OP4K	**3,295,866**	**1790**	**809**
OR5N	2,589,818	1652	737
OT5P	431,068	564	388

Croatia

9A8M	**4,527,141**	**2425**	**883**

Czech Republic

OL3Z	**5,415,511**	**2307**	**977**
OL1C	2,515,798	1549	743
OL7T	1,752,660	1346	630
OK2KOJ	617,716	704	404
OL2U	139,308	318	228

Denmark

OZ2AR	**956,709**	**978**	**507**
5Q2J	837,039	877	483

England

G6PZ	**6,216,336**	**2449**	**1008**
M4U	2,011,734	1515	657
G1T	458,451	603	399
G3YNN	89,976	227	184
M4A	7,840	81	70

European Russia

RK3QWW	**2,074,664**	**1554**	**652**
RT4D	1,903,250	1453	662
RZ4HZW	1,798,924	1616	668
RK3QWM	1,410,768	1259	582
RZ6HWA	1,104,520	984	530
RK3DXS	1,027,092	1016	502
RK3DZH	306,072	505	312
RK3AWK	184,698	389	279
R3TWA	144,040	315	260
RL3QWA	51,072	194	152
RK3PWJ	23,092	111	92

France

TM6M	**14,075,078**	**4109**	**1282**
TM7F	6,630,633	2802	1019
TMØR	3,604,768	2254	887

Germany

DP4A	**6,182,262**	**2627**	**981**
DJ8OG	5,137,384	2586	922
DQ8N	4,912,848	2395	939
DJØA	1,334,580	1060	580
DLØER	782,692	794	467
DK1F	674,660	779	427
DLØBRI	644,003	727	419
DM5A	401,940	564	348
DP5M	376,084	476	334
DLØTUM	228,158	389	301

Greece

SX3Z	**3,040,254**	**2344**	**766**
J43P	2,564,196	2222	732
SY8A	1,537,848	1527	636
J42WT	735,570	982	495

Ireland

EI9E	**2,917,816**	**1672**	**781**

Italy

IO5O	**7,911,360**	**3150**	**1072**
IR6T	1,374,600	1078	580
II1W	1,168,720	1033	560
IO2L	1,026,260	917	529
IW3IFJ	940,329	851	513

Lithuania

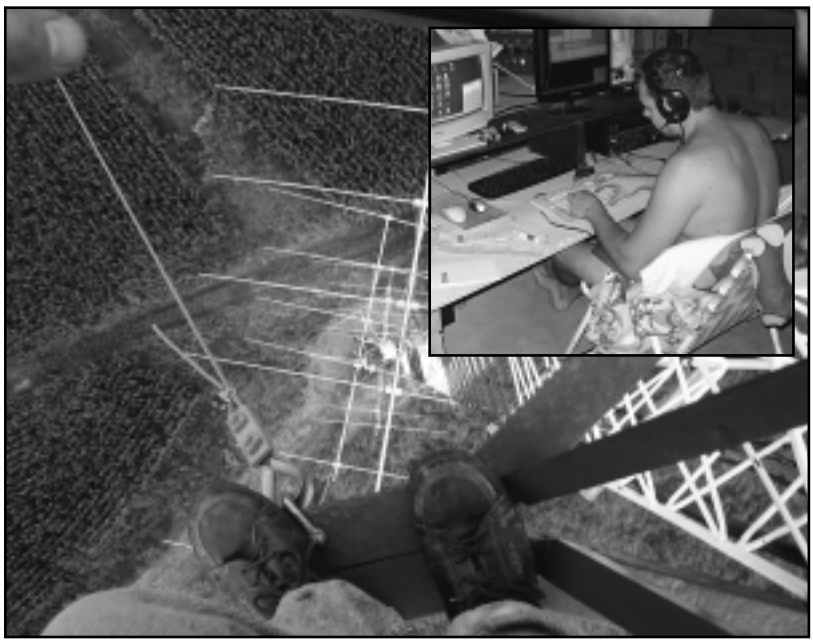
LY9Y	**6,662,782**	**2888**	**994**
LY3V	883,280	962	488

Norway

LN3Z	**3,885,819**	**2015**	**889**
LA3S	970,812	933	534
LN8W	97,600	233	200

Poland

SO9Q	**6,220,995**	**2726**	**1019**
SP75C	5,661,354	2648	937
SN2K	1,500,720	1133	592
SP1KZE	11,475	76	75
SP3KPN	2,652	43	39



Looking down the tower at LU1HF. (Inset: John, LU1HF, champion on single band 10 meters for the fourth consecutive year.)

Portugal

CT6P	**2,434,534**	**1580**	**719**
CT7X	1,547,000	1370	680

Romania

YO22NATO	**7,973,688**	**3608**	**1068**
YR2X	430,160	560	380

San Marino

T77NM	**3,273,172**	**2045**	**812**

Slovakia

OM7M	**9,746,737**	**3422**	**1183**
OM3RRC	506,709	665	383
OM3RKP	238,840	410	280

Slovenia

S53M	**9,351,920**	**3241**	**1112**
S56P	4,282,913	2254	853
S51A	2,206,458	1605	666

Spain

EE2W	**8,702,568**	**3268**	**1116**
EA1EEY	**6,234,162**	**2672**	**1023**
AO3A	**3,949,200**	**2260**	**900**
EA5JK	**1,520,163**	**1260**	**603**
AM5A	865,809	1225	567
AN7B	**784,168**	**799**	**469**
EB1IZD	608,650	825	470
EA4RCT	**520,344**	**879**	**438**
AO2W	389,610	573	390
EA4TX	42,939	157	117

Sweden

SK7OA	**898,128**	**932**	**486**
8SØC/5	379,235	482	365
SI9AM	322,350	523	350

Ukraine

UT7L	**4,171,545**	**2396**	**855**
UR4Z	3,447,720	2238	785
UZ1I	1,437,843	1341	561
US4IYM	201,168	405	264
UT7AXA	432	20	18

OCEANIA

Australia

VK6FAU	**772,455**	**805**	**345**
VK4VSP	**14,416**	**88**	**68**
VK6AHR	4,680	50	45

Guam

WH2DX	**2,769,340**	**1747**	**524**

Hawaii

NH6P	**6,552,855**	**2959**	**653**

Indonesia

YE1ZAT	**2,550,396**	**1485**	**566**

Marshall Islands

V73PX	**4,877,190**	**2359**	**705**

New Zealand

ZM4A	**1,784,160**	**1208**	**472**
ZL1AA	28,952	139	88

SOUTH AMERICA

Argentina

LR2F	**12,745,026**	**3595**	**1134**
LU7FJ	1,298,746	953	503
LV6D	560,994	576	361
LU4DQ	167,754	290	219
LS4DX	89,159	74	329

Brazil

ZY7C	**20,940,736**	**4738**	**1292**
PW2D	12,714,732	3603	1143
ZW5B	11,367,681	3363	1131
PP5JD	11,026,150	3318	1030
PR1T	8,684,340	2745	966
PR7AA	5,209,794	1802	762
PR5Z	2,554,400	1433	620
ZW5F	1,866,492	1063	556

Chile

CC2A	**681,488**	**642**	**382**

Ecuador

HD2A	**6,026,477**	**2396**	**757**

Netherlands Antilles

PJ2T	**14,485,378**	**4085**	**971**

Peru

OA4O	**3,059,208**	**1518**	**648**

MULTI-OPERATOR TWO TRANSMITTER

NORTH AMERICA

6Y1V	**29,018,014**	**6974**	**1306**
WE3C	**12,916,452**	**4059**	**1244**
KD4D/3	10,680,336	4175	1107
VE7SV	**8,564,446**	**3206**	**781**
VE3RM	**7,853,120**	**2517**	**880**
KI1G	**6,970,000**	**3056**	**1000**
W1CU/6	**6,854,546**	**3685**	**878**
VE6FI	**2,000,700**	**1478**	**494**
NG3U	1,801,534	1152	593
TO5RZ	**1,222,176**	**919**	**439**
KL5O	**558,030**	**814**	**285**
N2CW	**497,280**	**505**	**384**
W7RN	**191,800**	**429**	**280**
WØEBE	**35,505**	**211**	**135**

ASIA

C4I	**13,615,875**	**3781**	**975**
VR2C	**5,148,750**	**3369**	**750**
B7P	**3,226,608**	**2361**	**679**
BVØJ	**648,768**	**942**	**372**
B3C	646,500	1013	375
JA1ZGP	**225,365**	**451**	**235**

EUROPE

9A6ØA	**16,471,710**	**5367**	**1305**
ES9ØC	**13,724,640**	**5291**	**1215**
HG8ØHQ	**12,871,896**	**4418**	**1228**
UU7J	**11,789,823**	**4849**	**1173**
OL7R	**9,949,407**	**3761**	**1131**
YT9X	**9,917,964**	**4214**	**1134**
AM3SSB	**9,126,700**	**3680**	**1100**
DAØBCC	**8,929,620**	**3750**	**1119**
OL1X	6,270,660	2899	990
PI4COM	**3,501,924**	**1926**	**841**
AM1A	**2,179,681**	**1601**	**707**
AO1O	2,123,749	1474	677
CT6ARL	**1,391,648**	**1127**	**554**
PI4WNO	1,351,296	1151	544
G4IIY	**1,208,350**	**1049**	**550**
SP7SN	**1,066,240**	**862**	**490**
HB1ØDX	**1,032,512**	**967**	**544**
IQ5AE	**855,360**	**844**	**480**
LN1K	**230,681**	**487**	**313**
YP2Y	**161,670**	**359**	**255**
OK6A	152,375	342	265

OCEANIA

AHØBT	**6,054,723**	**2908**	**603**
ZM2M	**4,376,460**	**2112**	**660**
VK2ATZ	**2,794,902**	**1533**	**517**
VK4WIL	**668,168**	**775**	**289**

SOUTH AMERICA

LS2D	**8,904,135**	**2966**	**991**
XR6T	**6,473,724**	**2697**	**839**
ZV2K	**942,144**	**738**	**448**

MULTI-OPERATOR MULTI-TRANSMITTER

NORTH AMERICA

NQ4I	**12,051,526**	**5648**	**1142**
NR6O	**7,176,202**	**4309**	**869**
WX3B	**4,907,747**	**2392**	**901**
NE1C	**4,726,400**	**2715**	**896**
VE5RI	**1,242,605**	**975**	**455**
WC8VOA	**211,728**	**440**	**264**
W9VT	**163,800**	**388**	**225**

AFRICA

AO8A	**43,180,084**	**7914**	**1387**

ASIA

RK9AWN	**2,883,000**	**1390**	**600**
BPØP	**1,857,612**	**1774**	**547**
B1Z	**1,492,320**	**1592**	**480**

EUROPE

DR1A	**22,340,676**	**6907**	**1389**
OT5A	**16,285,416**	**5607**	**1302**
LZ9W	**14,928,360**	**5814**	**1240**
LY7A	**8,371,200**	**3881**	**1024**
EB1WW	**7,711,155**	**3551**	**1047**
SX5P	**6,530,185**	**3635**	**995**
SN6O	**4,582,080**	**2508**	**860**
SN75T	1,650,873	1236	619
SP75S	684,648	728	444
SF6DX	**523,083**	**652**	**393**
DKØGYB	129,055	346	265
DR2P	122,765	316	215
DLØERP	16,102	94	83

OCEANIA

DX1DBT	**1,060,199**	**1149**	**311**

SOUTH AMERICA

LT1F	**21,812,848**	**5335**	**1264**
YW4M	**15,813,406**	**4457**	**1022**

CHECKLOGS

The following logs were used as checklogs. Checklogs are always appreciated. 2E1EVJ, 4O3A, 4Z5FL, 4Z5OZ, AD5VJ, AO4K, C31CT, CU2JT, D44AC, D4C, DG1BQC, DG5YHZ, DK7GH, DL1DXF, DL2AL, DL2DXA, DL3KVR, DL7DZ, DL8UFO, DL8UVG, DM1LM, DM5JL, DM7DX, EA3BJM, EA7HY, EA7RU, EA9IE, EC5APA, EE2K, ER5GB, ES5EP, EW1KV, F4EMN, F4FHI, GØRPM, G3NXT, G3RWL, G3TQZ, HA1SN, HB9EGA, HG1848I, IK2HLM, IZ5MOQ, J39BS, JI3BFC, JJ3TBB, KØADE, K6FM/7, KL8DX, KN6Y, LA4RT, LA8HGA, LA8OM, LA9NM, LU1BJW, LX1EA, MØKNG, N1WQ/Ø, NM1JY, OGØR, OK2OP, OK2QX, OM4F, ON3OS, ON70REDSTAR, ON7SS, ON8AKU, OO9O, OZ3EN, PAØCOR, PD2EDR, PF5X, PY3ATR, PY3EAM, PY3OPP, RA3AD, RA3OE, RA3XDX, RA9AC, RK4PA, RK9JYY, RN6BY, RN6FK, RN9AA, RU3EJ, RU6LG, RV3DUT, RW3VA, RZ1OM, RZ6BU, RZ9UO, SM4YPH, SM7N, SN5M, SN5Z, SN6Z, SP1DMD, SP1MWF, SP2QCU, SP5AAJ, SP5ANY, SP5ELW, SP5XSD, SP7AWG, SP7HOV, SP7QHR, SP9MDY, SQ5M, SQ5WAA, SQ6MS, SQ7IL, SQ9IAU, TF4M, UA3RAB, UA4UT, UA6GU, UA6HCA, UA9CMQ, UA9JLL, UA9LGD, UR4UGL, USØLW, US5XD, US7MM, UUØJC, UU2JG, UXØFY, VE3FDT, VE3LR, VP2E, W7VS, WA9OUE, WD5EAE, YL5T, YO4BEX, YO5OEF, YO6OAF, YO6OHS, YO7DAA, YO9FWX, YR9F, ZL4CR

DISQUALIFIED: TAØU, Unverifiable contacts (Rule XIII).