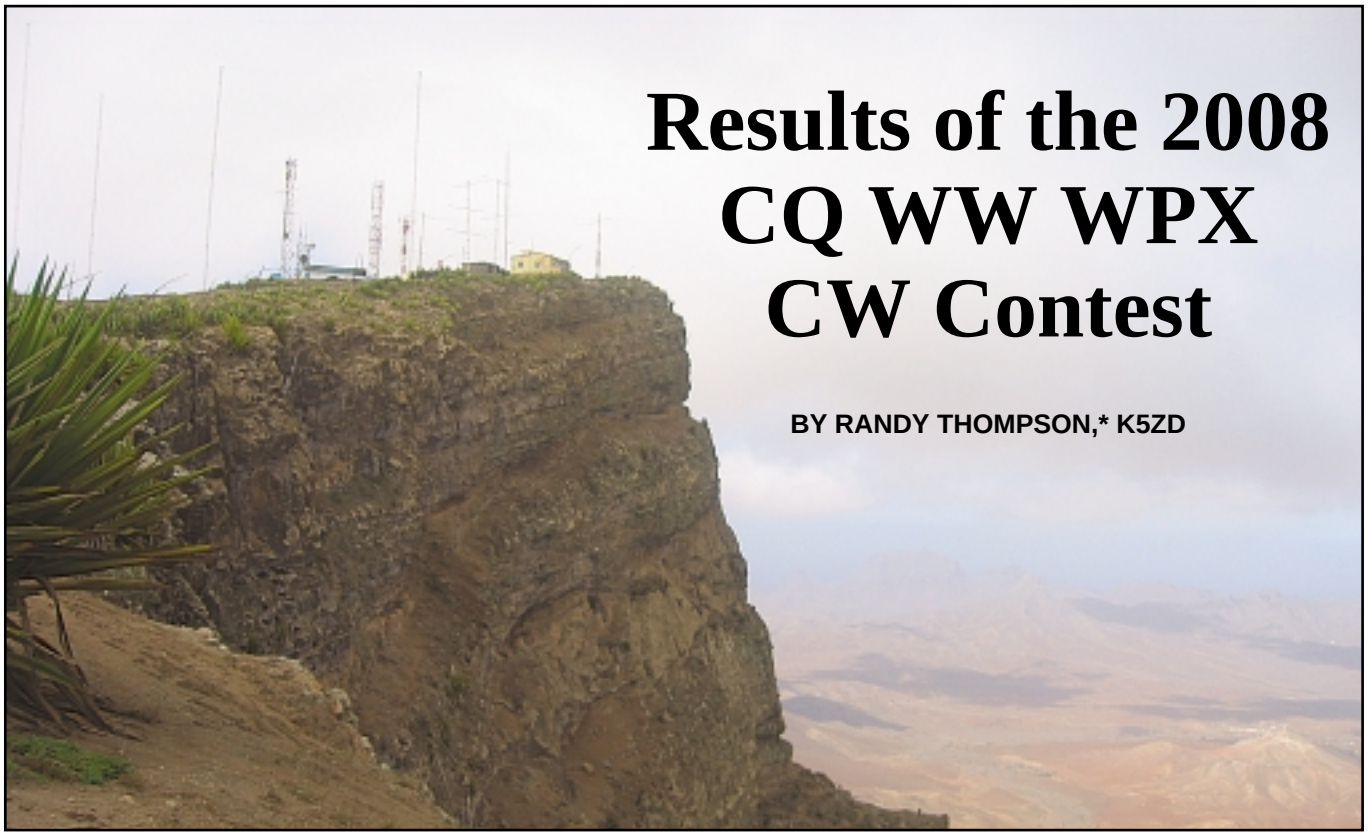

Results of the 2008 CQ WW WPX CW Contest

BY RANDY THOMPSON,* K5ZD

The incredible mountaintop location of D4C.

The weekend of May 24 and 25, 2008 marked the 50th running of the CQ WPX CW Contest. While the solar flux didn't jump as high as it did for the SSB weekend in March, the sun helped celebrate the contest's golden anniversary by providing some exciting conditions. More sunlight on the North Pole always seems to create some pleasant surprises. Sporadic-*E* over Europe enabled six stations to break the 1-million point milestone on 10 meters!

The WPX CW contest continues to grow, with 3148 logs submitted—an increase of 25% over 2007! The sweet sound of CW is indeed alive and well, as demonstrated by the contents of the logs received. More than 16,700 active calls made more than 2-million contacts during the 48-hour contest period.

The scavenger hunt for prefix multipliers always serves up an interesting twist. Just as on SSB, the top prefix collector was the multi-multi team at DR1A with 1313 in the log. Thirty-four stations, all multi-ops, managed to find 1000 or more prefix multipliers. Just three years ago in 2005 only six stations could do so! The top single-op prefix hunter was Assisted category entrant YT5A with 981. IR4X was tops among the unassisted single-ops with 974.

Single Operator, All Band

World high score in the Single Operator, All Band category was D4C operated by Jurgis, LY2CY. Jurgis had the largest 15-meter QSO total of the top scorers, but only 139 contacts on 10 meters. In second place, 4LØA, operated by Andy, UU4JMG, worked over 700 stations on 10 meters and set a new all-time single-operator record for Asia. Last year's number two finisher was pushed down to third this year, as Steve, K6AW, operating from HC8N, was just too far away from Europe to compete with D4C and 4LØA. ZF2AM, operated by John, K6AM, was close behind in fourth place. John had the highest QSO total among the single ops on 40 meters (1379), but didn't work anyone on 10 meters! Fifth place went to PJ2T, operated by Jim, WI9WI. The world's top five single-op scores were made from five different continents!

In the USA, Jeff, K1ZM, operated from his station on Cape Cod to make it into the top ten in the world and tops in the USA. Jeff accomplished the rare double of having the top USA score for both modes in the same year. Close behind in second place was last year's winner Dan, K1TO, operating from Florida with the call NE4AA. Dan had almost the same QSO and prefix counts as Jeff, but not enough three- and six-point Europeans to keep up for the final score. Finishing third and chasing valuable WRTC qualifying points was Krassy, K1LZ. Best score away from the East Coast was NN5J in seventh place, operated by Kevin, N5DX.

Ken, K6LA, travelled to VY2TT to claim the top score in Canada. In the phone contest, John, VE3EJ, just got past Ron, VE3AT, operating VB3E by about 400k points. Ron got his revenge this time, beating John by less than 100k! It doesn't get much closer than that. John may have gotten the last laugh, though, as his total for both modes earned him his second consecutive trophy for World High Combined Score.

The competition for Single Operator All Band in Europe was incredibly close. IR4X (by IZ3EYZ) was the clear winner, but check out the three-way battle for second place. Only 25k points separated Rastislav, OM3BH; Ranko 4O3A; and Anti, HA3OV. Making only 10 more three-point contacts (or a few less logging errors) by any of them would have changed the order of finish!

The Single Operator, All Band, Low Power category also saw a two-mode sweep as John, KK9A, matched his world high score on SSB with one on CW. John didn't make any contacts on 10 meters, but more than made up for it on 40 and 20. The next three places were a battle among North American entries. Yuri, VE3DZ, travelled to Bermuda (using VE3DZ/VP9) and took advantage of being closer to Europe than the others to take second place by a good margin. Alfredo, WP3C, claimed third place operating from his home in Puerto Rico. In fourth, Eric, K9GY, also did some travelling to operate from Nicaragua as H7/K9GY. Next up was Bob, I2WIJ, who had the top score from Europe. Seventh in the world and high scorer for the USA was perennial winner Ed, N1UR, operating as NV1N from Vermont. Representing Asia in the top ten was UP6P operated by Yuri, UN6P.

Single Operator, Assisted

World high in the Single Operator, Assisted category was a three-way battle in southern Europe. The winner was Mladen, YU7NU,

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operating as YT5A. Boyan, LZ2BE, piloted LZ8A to second place. Ionut, YO9WF, operated as YQ9W for third. The challenge for Assisted category entrants is to maintain high QSO rates while effectively using the spotting networks to pick up additional multipliers. In addition to a very accurate log, Mladen achieved the highest prefix total of any single operator with 981. Boyan found 898 prefixes while Ionut managed 877.

In the Assisted Low Power category, Pascal, F5JSD, operated F9IE to a clear victory. Second and third was a close race between Mario, S56A, and Mark, MØDXR, with southern Europe again having the advantage. Brooke, N2BA, finished fourth in the world just ahead of LQØF, operated by Javier, LU5FF.

Single Operator, Single Band

The most surprising band of the contest was 10 meters. Alexander, 5B8AD, used the call C4N to claim the world high score with 1177 QSOs and 1.6-million points. Alexander enjoyed propagation to Europe from sunrise to sunset both days of the contest. He also worked a handful of JAs and one USA. Only 100k points behind in second place was Todor, LZ4ZP, operating as TC37F. Check out the race for third between Slaven, E77AA, and OHØJ (Jouko, OH1RX). Their scores were only 120 points apart after the log checking! IU9S, operated by Joe, IT9BLB, turned in a very accurate log to stay above the million-point mark. Who would have expected such excitement on 10 meters at this point in the sunspot cycle?!

Fifteen meters also produced six scores over 1-million points. The perennial 15-meter champion was again ZX5J, but this time operated by Carl, AI6V. Carl managed 1426 contacts in about 29 hours of operating. Winner of the battle for Europe was 9A5Y operated by Sasa, 9A3NM. In his 1596 QSOs Sasa worked 756 prefixes! Third place went to IU3X operated by Andrea, IV3SKB. Next up was a close three-way race among YTØZ (Milan, YU1ZZ), HA8ØØNAR (Laszlo, HAØNAR), and Ivica, E76AQ. Only 34k points separated the three of them. In the USA, NR5M operated by Eric, NM5M, edged out W4KZ operated by Rick, NQ4I. One has to wonder if Rick's use of a more common W4 call gave away an advantage to Eric.

On the workhorse band of 20 meters, Steve, ZC4LI, took advantage of his "three-point" location to score 4.3-million points and outrun a close race in Europe between CT1JLZ (Jiri, OK1RF) and TM7XX (Laurent, F5MUX). Jiri and Laurent were within three multipliers of each other, but Jiri's extra contacts made the difference. Marcelo, PY1KN, operated as PT1T to finish fourth. Far from multiplier-rich Europe, Bill, K4XS, piloted KH7B to fifth place. The top USA score was made by Jim, VE7ZO, operating from the 20-meter position at NQ4I.

The highest single-band score in the contest was on 40 meters. Jiri, OK1RI and operator of OK5R, made a last-minute decision to switch from an all-band effort to single band. It was a good choice, as he finished with 5.2-million points and a new European

TROPHY WINNERS AND DONORS

SINGLE OPERATOR, ALL BAND

WORLD: Steve Bolia, N8BJQ Trophy. Won by: **D4C operated by Jurgis Ignotas, LY2CY**
WORLD Low Power: Caribbean Contesting Consortium Trophy. Won by: **P40A operated by John Bayne, KK9A**
USA: Dennis Motschenbacher, K7BV Trophy. Won by: **Jeffrey T. Briggs, K1ZM**
USA Low Power: Ken Boasi, N2ZN Trophy. Won by: **NV1N operated by Edward Sawyer, N1UR**
USA Zone 3 High Power: Northern California Contest Club Trophy. Won by: **NY6N operated by Dan Craig, N6MJ**
USA Zone 4 High Power: Society of Midwest Contesters Trophy. Won by: **NN5J operated by Kevin Stockton, N5DX**
USA Zone 4 Low Power: Society of Midwest Contesters Trophy. Won by: **John F. Meyer, K9QVB**
CANADA: Radio Amateurs of Canada (RAC) Trophy. Won by: **VY2TT operated by Ken Widelitz, K6LA**
CANADA Low Power: Contest Club Ontario Trophy. Won by **Alexey Yushin, VE2XAA**
AFRICA: Chris Terkla, N1XS Trophy. Won by: **CS9L operated by Frank Steinke, DL8WAA**
ASIA: Rick Tavan, N6XI Trophy. Won by: **4LØA operated by Andy Kotovsky, UU4JMG**
EUROPE: Ivo Pezer, 5B4ADA/9A3A Trophy. Won by: **IR4X operated by Matteo Marzilli, IZ3EYZ**
NORTH AMERICA: Louisiana Contest Club Trophy. Won by: **ZF2AM operated by John Barcroft, K6AM**
SOUTH AMERICA: David Kopacz, KY1V Trophy. Won by: **HC8N operated by Steve Merchant, K6AW**
SOUTH AMERICA Southern Cone (CE, CX, LU): Tom Morton, K6CT Trophy. Won by: **CW5W operated by Jorge Diez, CX6VM**
OCEANIA: Lloyd Cabral, KH6LC Trophy. Won by: **KH7X operated by Michael Gibson, KH6ND**
JAPAN: Simone Candotto, IV3NVN Trophy. Won by: **Masaki Okano, JH4UYB**

SINGLE OPERATOR, SINGLE BAND

WORLD 28 MHz: Steve Hodgson, ZC4LI Trophy. Won by: **C4N operated by Alexander Savelyev, 5B8AD**
WORLD 21 MHz: Andrei Stchislenok, NP3D Trophy. Won by: **ZX5J operated by Carl Cook, AI6V**
WORLD 14 MHz: Gene Walsh, N2AA Trophy. Won by: **Steve Hodgson, ZC4LI**
WORLD 7 MHz: 6Y1V Contest Station Trophy. Won by: **OK5R operated by Jiri Sanda, OK1RI**
WORLD 3.5 MHz: Ranko Boca, 4O3A Trophy. Won by: **TM5Y operated by Le Gall Sebastien, F8DBF**
WORLD 1.8 MHz: Dusko Dumanovic, ZL3WW Trophy. Won by: **SN7Q operated by Krzysztof Sobon, SP7GIQ**
USA 21 MHz: Charlie Wooten, NF4A Trophy. Won by: **NR5M operated by Eric Silverthorn, NM5M**
USA 14 MHz: Kansas City DX Club Trophy. Won by**: NQ4I operated by Jim Roberts, VE7ZO**
USA 7 MHz: Darin Divinia, WG5J Trophy. Won by: **WI4R operated by Jeff Kinzli, N6GQ**
USA 3.5 MHz: Wes Printz, W3SE Trophy. Won by: **Steven Sussman, W3BGN**
EUROPE 28 MHz High Power: SKY Contest Club Trophy. Won by: **Slaven Galic, E77AA**
EUROPE 21 MHz High Power: SKY Contest Club Trophy. Won by: **9A5Y operated by Sasa Pokorni, 9A3NM**
EUROPE 14 MHz High Power: SKY Contest Club Trophy. Won by: **CT1JLZ operated by Jiri Pesta, OK1RF**
EUROPE 7 MHz High Power: SKY Contest Club Trophy. Won by: **Vitomir Kregar, S56M**
EUROPE 3.5 MHz High Power: SKY Contest Club Trophy. Won by: **OL4W operated by Milan Stejskal, OK1IF**
EUROPE 1.8 MHz High Power: SKY Contest Club Trophy. Won by: **Arunas Vaglys, LY2IJ**

SINGLE OPERATOR ASSISTED

WORLD: Hal Kennedy, N4GG Trophy. Won by: **YT5A operated by Mladen Bogdanov, YU7NU**
USA: Ron Sigismonti, N3RS Trophy. Won by: **Charles D. Fulp, Jr., K3WW**
EUROPE: Martin Huml, OL5Y Trophy. Won by: **LZ8A operated by Boyan Petkov, LZ2BE**

QRP/p

WORLD: Chris Kantarjiev, K6DBG Trophy. Won by: **TI5N operated by Bill Parker, W8QZA**
NORTH AMERICA: Dale Martin, KG5U Trophy. Won by: **Douglas Zwiebel, KR2Q**
USA: John T. Laney, K4BAI Trophy. Won by: **Gary Hembree, N7IR**

OVERLAY CATEGORIES

WORLD Tribander/Single Element: Helmut Mueller, DF7ZS Trophy. Won by: **Ricardo Martins, CT3KN**
USA Tribander/Single Element: Paul Newberry, N4PN Trophy. Won by: **WN2O operated by Mike Musitano, N2GC**
Europe Tribander/Single Element: Matija Brodnik, S53MM Trophy. Won by: **OJØB operated by Pertti Simovaara, OH2PM**
WORLD Rookie: Val Edwards, W8KIC Memorial Trophy (K3LR Sponsor). Won by: **Alexandr Konnov, RK9AJZ**
NORTH AMERICA Rookie: Chris Kantarjiev, K6DBG Trophy. Won by: **Eric Irvine, VY1EI**

MULTI-OPERATOR, SINGLE-TRANSMITTER

WORLD: Steve Miller, N0SM Trophy. Won by: **CT9M operated by OM3GI, OM3NA, OM3LA, OM3RM, OM7JG**
USA: Phil Allardice, KT3Y Trophy. Won by: **KT3Y/4 operated by KT3Y, K3EST**
ASIA: W2MIG Memorial Trophy (NX7TT Sponsor). Won by: **P33W operated by RA6LBS, RK3AD, RU4HP, RW4WR, RA3AUU**
EUROPE: Andy Ruse, YO3JR/YR1A Trophy. Won by: **OM7M operated by OK2BFN, OM3PA, OM3PC, OM5AW, OM5RM, OM5RW, OM5ZW**
NORTH AMERICA: Jim George, N3BB Trophy. Won by: **WE3C operated by K3CT, K3TEJ, N3RD, W2GD, W3FV, WE3C**
USA Zone 4: Mike Fatchett, WØMU Trophy. Won by: **N5RM operated by N2IC, WA5Y, K7IA**

MULTI-OPERATOR, TWO-TRANSMITTER

WORLD: UA1DZ Memorial, W3UA Trophy. Won by: **3V8BB operated by YT1AD, YT3W, YU1KX, Z32ZM**
USA: Florida Contest Group Trophy. Won by: **KD4D operated by K3MM, K3RA, WX3B, NI1N, KD4D**
EUROPE: Tom Georgens, W2SC Trophy. Won by: **ES9C operated by ES5RY, ES2DW, ES2MC, ES5JR, ES5NC, ES2RR, ES5TV, OH1NOA, ES3VI**

MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Steve Merchant, K6AW Trophy. Won by: **DR1A operated by DB6JG, DJ6ET, DK9IP, DL1MFL, DL1MGB, DL3DXX, DL5LYM, DL6FBL, DL7FER, DL8WPX, DO2WW, HB9CVQ, JK3GAD**
USA: Jim Reisert, AD1C Trophy. Won by: **NR4M operated by EY8MM, K1SE, K4EC, K4EU, K4GMH, K4ZW, K7SV, N2YO, NR4M, W4DF, WA4JUK**
EUROPE: David Robbins, K1TTT Trophy. Won by: **LZ9W operated by LZ1ZD, LZ1RGM, LZ1ANA, LZ1UQ, LZ1PM, LZ2UU, LZ2UZ, LZ2FV, LZ2CJ, LZ3FM, LZ3UM, LZ4UU, LZ5VK**

CONTEST EXPEDITION

WORLD: Phil Goetz N6ZZ Memorial Trophy. Won by: **VE3DZ/VP9 operated by Yuri Onipko, VE3DZ**

COMBINED (SSB & CW)
Single Operator All Band

WORLD: Yuri Blanarovich, K3BU Trophy. Won by: **John Sluymer, VE3EJ**
USA: Bill Fisher, W4AN Memorial Trophy (KM3T Sponsor). Won by: **Jeffrey T. Briggs, K1ZM**

CLUB (SSB & CW)

WORLD: *CQ* Magazine Trophy. Won by **Bavarian Contest Club**

Please contact awards manager Doug Grant, K1DG, at <plaques@cqwpx.com> if you are interested in sponsoring a trophy.

Single Operator All Band champion Jurgis, LY2CY, at the controls of D4C.

record! Vitomir, S56M, also broke the old European record to finish in second place. Third place went to northern Europe with OG6A operated by Jari, OH6QU. The USA battle was between WI4R (operated by Jeff, N6GQ, from the 40-meter position at the NQ4I station) and Chuck, KØRF, in Colorado.

Eighty meters provided its share of record scores as well. TM5Y, operated by Sebastien, F8DBF, demolished the world record by a margin of over 30%! In second place, and also breaking the world record, was 7XØRY operated by Frantisek, OK1DF. OL4W and SN3F had a close race for fourth place. Eighty meters wasn't quite as popular in the U.S. over the holiday weekend, but Steve, W3BGN, took advantage of conditions to break the 15-year-old USA record held by K1ZM.

There are some dedicated DXers and contesters who pursue their passion on 160 meters, even in the summer months. This year SN7Q, with Chris, SP7GIQ, at the key, won the world with 519 QSOs and 307 multipliers. He missed breaking the 10-year-old world record by only 2000 points! However, he did take home the European record for his efforts. Arunas, LY2IJ, finished in second ahead of Jukka, OH6LI, operating from OH4A.

In the Low Power division, the top single band score was made by Yuri, RA9JR, operating on 20 meters. The next highest band was 40 meters won by Ivan, S54A. 3V8SS, operated by Zoran, Z33F,

WORLD TOP SCORES

SINGLE OPERATOR ALL BAND

D4C (LY2CY)	12,694,731
4LØA (UU4JMG)	11,213,664
HC8N (K6AW)	10,893,707
ZF2AM (K6AM)	10,019,490
PJ2T (WI9WI)	9,326,950
CT3KN	9,162,456
VY2TT (K6LA)	9,117,264
YW4D (YV1DIG)	8,474,873
K1ZM	8,211,332
UA9CDC	8,048,263

28 MHz

C4N (5B8AD)	1,643,187
TC37F (LZ4ZP)	1,511,048
E77AA	1,093,968
OHØJ (OH1RX)	1,093,840
IU9S (IT9BLB)	1,009,766
UW1M (UR5MW)	839,475
9A4W	814,215
RW2F (UA2FB)	788,794
UT1IA	681,884
S57S	627,840

21 MHz

ZX5J (AI6V)	2,743,611
9A5Y (9A3NM)	1,959,930
IU3X (IV3SKB)	1,555,410
YTØZ (YU1ZZ)	1,269,188
HA8ØØNAR (HAØNAR)	1,246,050
E76AQ (T96Q)	1,235,292
NR5M (NM5M)	772,317
W4KZ (NQ4I)	716,856
JA3YBK (JS1PWV)	644,787
WU3A/1 (W3UA)	621,824

14 MHz

ZC4LI	4,352,124
CT1JLZ (OK1RF)	4,132,771
TM7XX (F5MUX)	4,008,056
PT1T (PY1KN)	3,930,108
KH7B (K4XS)	3,583,140
S57AL	3,479,903
SN3X (SP3SLA)	3,470,412
LY8O	3,350,384
NQ4I (VE7ZO)	3,210,000
IO3P (IV3NVN)	3,162,835

7 MHz

OK5R (OK1RI)	5,222,912
S56M	4,368,680
OG6A (OH6QU)	3,375,540
9A7D (9A2SD)	3,054,744
4M1T (YV5OHW)	2,542,800
WI4R (N6GQ)	2,248,797
IO3J (IV3ZXQ)	2,233,153
SX1L (SV2FWV)	2,187,584
SP4TKR	2,042,586
KØRF	2,000,768

3.5 MHz

TM5Y (F8DBF)	1,983,366
7XØRY (OK1DF)	1,701,260
OL4W (OK1IF)	1,317,801
SN3A (DJØIF)	1,310,220
OK3R (OK1DVM)	1,309,645
M1A (MØBBB)	1,271,592
S51YI	1,196,046
S53O	1,004,400
GM4FAM	994,335
YT4T	968,400

1.8 MHz

SN7Q (SP7GIQ)	339,542
LY2IJ	277,590
OH4A (OH6LI)	236,174
OG9W (OH2BCI)	222,819
LN9Z (LA9HW)	212,848
YT6T (YU7CM)	212,420
YL2SM	212,267
SP6A	181,536
DF2UU	127,972
UR6F (UXØFF)	74,250

LOW POWER SINGLE OPERATOR ALL BAND

*P4ØA (KK9A)	8,232,796
*VE3DZ/VP9	6,053,388
*WP3C	4,044,752
*H7/K9GY	3,624,580
*I2WIJ	3,478,860
*NV1N (N1UR)	3,276,504
*UP6P (UN6P)	2,945,152
*WJ9B/4	2,872,404
*YU8A	2,829,069
*RK9AJZ	2,734,313

28 MHz

*T97G	454,399
*LY2T	379,857
*UA2FL	370,946
*US5XD	315,126
*DL9ZP	297,208
*9A3VM	296,534
*HA8TP	260,354
*UA3QG	260,192
*SP2AVE	260,130
*HA8LLK	247,212

21 MHz

*YU7EE	787,776
*YR8B	540,882
*UN4PG	419,664
*UA9AFS	344,955
*ZD8RH (G4DBW)	339,001
*IWØGXY	224,114
*YE1AA	171,717
*YD1HUH	163,542
*LY3ID	162,486
*JF3BFS	157,412

14 MHz

*RA9JR	1,620,680
*HG4F	1,446,530
*XW1A	1,401,744
*S51W	1,169,512
*LZ5XQ	1,007,424
*S57U	906,750
*SV1BJW	833,175
*UZ5UA	819,680
*IK6MNB	778,499
*JG2KKG	717,481

7 MHz

*S54A	1,591,557
*ER3DX	1,428,973
*EC5KXA	1,129,024
*HQ9R (WQ7R)	1,125,740
*SP5CNA	971,736
*OK1DKZ	958,167
*SN7O (SP7IVO)	937,300
*YUØU	913,248
*SP6OJE	909,580
*SN2I	793,956

3.5 MHz

*3V8SS (Z33F)	959,812
*4O4A	886,224
*DJ6BQ	797,525
*OK2BYW	487,890
*HA6FQ	480,342
*LY3CW	456,435
*YR5O (YO5BRZ)	426,218
*HG6V (HA6IAM)	350,920
*SP7DCS	285,532
*SP9BNM	271,397

1.8 MHz

*TA2RC	258,480
*HA8BE	184,730
*S51DX	127,233
*T99Z	107,724
*SN3ØJ (SP5JXK)	86,760
*LY2OU	79,296
*UX5NQ	78,200
*ER2RM	53,340
*OK1JOK	51,183
*OM5FA	41,844

QRP/p

TI5N (W8QZA)	A	1,269,016
OM7DX	A	1,234,761
OK7CM	A	1,047,442
KR2Q	A	886,542
RW6HJV/6	A	791,204
RA6DB	A	743,036
DL8MBS	A	700,960
VA3DF	A	657,800
EW6DX	28	143,576
HA8KW	21	325,650
UA6LCJ	14	258,336
EU8RZ	7	618,184
LY2GW	3.5	186,238
DL9YX	1.8	32,085

SINGLE OPERATOR ASSISTED

YT5A (YU7NU)	A	6,877,791
LZ8A (LZ2BE)	A	5,668,176
YQ9W (YO9WF)	A	5,347,069
K3WW	A	5,111,106
LR4E (LU5DX)	A	5,102,136
UW5Q	A	4,853,512
HG7T (HA7TM)	A	4,668,840
WR3Z	A	3,994,080
NO2R	A	3,767,095
S5ØR	A	3,488,256
EM9F (UT9FJ)	28	951,286
9A2U (9A3ZA)	28	613,120
9A1V (9A4M)	21	927,605
S52ZW	14	2,569,142
SP8IMG	14	2,276,094
S56X	7	3,568,290
SP4Z	7	3,031,170
LY4U	3.5	849,932
HA3LI	3.5	809,348

LOW POWER

*F9IE (F5JSD)	A	2,297,815
*S56A	A	1,597,639
*MØDXR	A	1,490,216
*N2BA	A	1,391,652
*LQØF (LU5FF)	A	1,384,620
*IK2HDF	A	1,352,290
*F8AKC	28	335,125
*HA2QW	21	264,252
*RV9JR	14	1,250,420
*UZ8M (USØMR)	14	1,112,952
*YU9DX	7	2,351,232
*IZ8GCB	3.5	94,248
*YT4A	1.8	48,600

TRIBANDER/ SINGLE ELEMENT

CT3KN	A	9,162,456
RU9CK	A	5,290,447
UP4L (UN7LZ)	A	4,901,589
OJØB (OH2PM)	A	4,755,475
S53MM	A	4,553,405
OM7CW	A	4,515,447
MDØCCE	A	4,377,024
S59ABC (S51DS)	A	3,855,135
HG8R (HA8JV)	A	3,497,520
EV2A	A	3,062,496
OQ5M (ON5ZO)	28	287,280
EA5FID	21	563,746
9A/VE3ZIK	14	1,665,528
9A3MA	7	608,685
HA3LI	3.5	809,348

LOW POWER

*VE3DZ/VP9	A	6,053,388
*EA7TN	A	2,337,220
*LZØ8KM (LZ3YY)	A	1,681,728
*PG7V	A	1,647,354
*VE2XAA	A	1,629,725
*DK5DQ	A	1,548,323
*VE3KF	A	1,476,312
*LY6ØØW (LY5W)	A	1,453,940
*OK1HX	A	1,438,110
*N2BA	A	1,391,652
*UR5IKN	28	174,556
*S57U	14	906,750
*S54A	7	1,591,557
*YUØA	3.5	154,560
*YT4A	1.8	48,600

ROOKIE

*RK9AJZ	A	2,734,313
*RX3ZX	A	1,132,231
*RN3DBA	A	799,722
*DF1HE	A	609,609
EW8KY	A	521,626
*SP5XO	A	449,304
*SQ5M	A	428,146
*OK5OK	A	321,356
*OM6AL	A	250,584
VY1EI	A	197,730
*UU4JC	28	123,840
*YD1HUH	21	163,542
*KJ9A	14	489,942
YU7BH	7	1,204,610
*SP6OJE	7	909,580

MULTI-OPERATOR SINGLE TRANSMITTER

CT9M	24,125,802
EF8M	22,762,392
P33W	21,314,175
9K2HN	12,013,866
OM7M	10,698,780
RU1A	10,549,847
ZY7C	9,994,240
IR2C	9,850,823
E73MMM	9,606,974
WE3C	9,344,146

MULTI-OPERATOR TWO TRANSMITTER

3V8BB	22,325,208
6Y1V	20,507,972
ES9C	18,557,028
P4ØL	18,220,175
9A6ØA	16,164,144
KD4D/3	14,116,239
EA3FP	13,382,334
DQ4W	13,122,255
G6PZ	13,057,583
OL7R	12,336,030

MULTI-OPERATOR MULTI-TRANSMITTER

DR1A	24,285,248
LZ9W	19,377,645
HG8ØHQ	15,510,742
NR4M	15,425,340
LX7I	14,790,657
OMØM	14,410,494
E77DX	13,212,146
LY7A	12,697,272
OL3Z	9,712,920
PA6Z	7,828,444

**Low Power*

EUROPE TOP SCORES

SINGLE OPERATOR ALL BAND

IR4X (IZ3EYZ)	7,565,058
OM3BH	7,224,768
4O3A	7,207,746
HA3OV	7,200,532
YR7M (YO3JR)	6,955,416
S5ØA	6,717,006
9A5W	6,486,588
RL3A (RV3BA)	6,173,244
DL3YM	5,935,334
OK4RQ	5,464,565

28 MHz

E77AA	1,093,968
OHØJ (OH1RX)	1,093,840
IU9S (IT9BLB)	1,009,766
UW1M (UR5MW)	839,475
9A4W	814,215
RW2F (UA2FB)	788,794
UT1IA	681,884
S57S	627,840

21 MHz

9A5Y (9A3NM)	1,959,930
IU3X (IV3SKB)	1,555,410
YTØZ (YU1ZZ)	1,269,188
HA8ØØNAR (HAØNAR)	1,246,050
E76AQ (T96Q)	1,235,292
S51FB	514,724
YT1T	437,675
SN5N (SP5KP)	427,278

14 MHz

CT1JLZ (OK1RF)	4,132,771
TM7XX (F5MUX)	4,008,056
S57AL	3,479,903
SN3X (SP3SLA)	3,470,412
LY8O	3,350,384
IO3P (IV3NVN)	3,162,835
S57DX	3,104,769
OE2ØØ8S (OE2VEL)	3,003,762

7 MHz

OK5R (OK1RI)	5,222,912
S56M	4,368,680
OG6A (OH6QU)	3,375,540
9A7D (9A2SD)	3,054,744
IO3J (IV3ZXQ)	2,233,153
SX1L (SV2FWV)	2,187,584
SP4TKR	2,042,586
IZ1GAR	1,891,642

3.5 MHz

TM5Y (F8DBF)	1,983,366
OL4W (OK1IF)	1,317,801
SN3A (DJØIF)	1,310,220
OK3R (OK1DVM)	1,309,645
M1A (MØBBB)	1,271,592
S51YI	1,196,046
S53O	1,004,400
GM4FAM	994,335

1.8 MHz

SN7Q (SP7GIQ)	339,542
LY2IJ	277,590
OH4A (OH6LI)	236,174
OG9W (OH2BCI)	222,819
LN9Z (LA9HW)	212,848
YT6T (YU7CM)	212,420
YL2SM	212,267
SP6A	181,536

LOW POWER SINGLE OPERATOR ALL BAND

*I2WIJ	3,478,860
*YU8A	2,829,069
*EA7RM	2,723,231
*OL6P (OK2WTM)	2,627,660
*S51F	2,536,042
*RW4FO	2,486,435
*EA7TN	2,337,220
*SP4JCQ	2,145,955
*YL8M (YL2KL)	2,055,685
*DL1EFD	1,939,800

28 MHz

*T97G	454,399
*LY2T	379,857
*UA2FL	370,946
*US5XD	315,126
*DL9ZP	297,208
*9A3VM	296,534
*HA8TP	260,354
*UA3QG	260,192

21 MHz

*YU7EE	787,776
*YR8B	540,882
*IWØGXY	224,114
*LY3ID	162,486
*ER1RR	128,525
*UT3EK	125,481
*SMØQ (SMØOGQ)	108,885
*UA4LW	107,939

14 MHz

*HG4F	1,446,530
*S51W	1,169,512
*LZ5XQ	1,007,424
*S57U	906,750
*SV1BJW	833,175
*UZ5UA	819,680
*IK6MNB	778,499
*LZ6W (LZ4UX)	639,431

7 MHz

*S54A	1,591,557
*ER3DX	1,428,973
*EC5KXA	1,129,024
*SP5CNA	971,736
*OK1DKZ	958,167
*SN7O (SP7IVO)	937,300
*YUØU	913,248
*SP6OJE	909,580

3.5 MHz

*4O4A	886,224
*DJ6BQ	797,525
*OK2BYW	487,890
*HA6FQ	480,342
*LY3CW	456,435
*YR5O (YO5BRZ)	426,218
*HG6V (HA6IAM)	350,920
*SP7DCS	285,532

1.8 MHz

*HA8BE	184,730
*S51DX	127,233
*T99Z	107,724
*SN3ØJ (SP5JXK)	86,760
*LY2OU	79,296
*UX5NQ	78,200

QRP/p

OM7DX	A	1,234,761
OK7CM	A	1,047,442
RW6HJV/6	A	791,204
RA6DB	A	743,036
DL8MBS	A	700,960
RW3AI	A	635,481
ES1CW	A	623,891
US2IZ	A	600,886
LY5G (LY2FE)	A	566,056
S52P	A	534,378
EW6DX	28	143,576
DH8BQA	28	137,632
HA8KW	21	325,650
HG3IPA (HA3JB)	21	298,452
UA6LCJ	14	258,336
HA8Ø8MT	14	248,040
EU8RZ	7	618,184
YU1LM	7	293,828
LY2GW	3.5	186,238
DL9YX	1.8	32,085

SINGLE OPERATOR ASSISTED

YT5A (YU7NU)	A	6,877,791
LZ8A (LZ2BE)	A	5,668,176
YQ9W (YO9WF)	A	5,347,069
UW5Q	A	4,853,512
HG7T (HA7TM)	A	4,668,840
SØR	A	3,488,256
OG6N	A	3,428,646
DLØIL (DF2KK)	A	3,120,000
YL1S (YL1ZF)	A	3,024,320
YQ6A (YO6BHN)	A	3,009,090
EM9F (UT9FJ)	28	951,286
9A1V (9A4M)	21	927,605
S52ZW	14	2,569,142
S56X	7	3,568,290
SP4Z	7	3,031,170
LY4U	3.5	849,932
HA3LI	3.5	809,348

LOW POWER

*F9IE (F5JSD)	A	2,297,815
*S56A	A	1,597,639
*MØDXR	A	1,490,216
*IK2HDF	A	1,352,290
*PA4AO	A	1,191,105
*YU3A	A	1,128,634
*YO3FRI	A	1,048,318
*DM3PKK	A	1,038,878
*F8AKC	28	335,125
*HA2QW	21	264,252
*UZ8M (USØMR)	14	1,112,952
*YQ5Q (YO5OHO)	14	906,714
*YU9DX	7	2,351,232
*IZ8GCB	3.5	94,248
*YT4A	1.8	48,600

TRIBANDER/SINGLE ELEMENT

LZ8A (LZ2BE)	A	5,668,176
OJØB (OH2PM)	A	4,755,475
S53MM	A	4,553,405
OM7CW	A	4,515,447
MDØCCE	A	4,377,024
S59ABC (S51DS)	A	3,855,135
HG8R (HA8JV)	A	3,497,520
EV2A (EW2AA)	A	3,062,496
OQ5M (ON5ZO)	28	287,280
EA5FID	21	563,746
9A/VE3ZIK	14	1,665,528
9A3MA	7	608,685
HA3LI	3.5	809,348

LOW POWER

*EA7TN	A	2,337,220
*LZØ8KM (LZ3YY)	A	1,681,728
*PG7V	A	1,647,354
*DK5DQ	A	1,548,323
*LY6ØØW (LY5W)	A	1,453,940
*OK1HX	A	1,438,110
*OK2QX	A	1,308,150
*OV3X (OZ8AE)	A	1,279,786
*UR5IKN	28	174,556
*S57U	14	906,750
*S54A	7	1,591,557
*YUØA	3.5	154,560
*YT4A	1.8	48,600

ROOKIE

*RN3DBA	A	799,722
*DF1HE	A	609,609
EW8KY	A	521,626
*SP5XO	A	449,304
*SQ5M	A	428,146
*OK5OK	A	321,356
*UU4JC	28	123,840

MULTI-OPERATOR SINGLE TRANSMITTER

OM7M	10,698,780
RU1A	10,549,847
IR2C	9,850,823
E73MMM	9,606,974
LZ5A	9,237,240
TMØR	9,212,940
UZ2M	8,538,115
YT2T	7,384,800
EE2W	7,259,844
YTØA	7,060,134

MULTI-OPERATOR TWO TRANSMITTER

ES9C	18,557,028
9A6ØA	16,164,144
EA3FP	13,382,334
DQ4W	13,122,255
G6PZ	13,057,583
OL7R	12,336,030
OG8X	11,503,136
LXØRL	9,547,200

MULTI-OPERATOR MULTI-TRANSMITTER

DR1A	24,285,248
LZ9W	19,377,645
HG8ØHQ	15,510,742
LX7I	14,790,657
OMØM	14,410,494
E77DX	13,212,146
LY7A	12,697,272
OL3Z	9,712,920

**Low Power*

The big antennas at 9A7D were operated by 9A2SM to fourth place in the world on 7 MHz.

made a great score to take the win on 80 meters and set a new world record. Ozer, TA2RC, set a new world record for low power on 160 meters.

QRP

We received 210 logs in the QRP category this year. TI5N, operated once again by Bill, W8QZA, took the top honors for the All Band category. Very close behind was Stefan, OM7DX. Third place went to Antonin, OK7CM, the winner of the SSB contest. Igor, EW6DX, was tops among the 21 logs for single-band 10 meters. Anatoly, EU8RZ, made an incredible 618k points on 40 meters to set a new world record.

Tribander/Single Element

The Tribander/Single Element category is open to single-operator entrants in the High and Low Power categories with limited antennas. It's quite a popular category, with 410 entries this time. Ricardo, CT3KN, easily took the world high score for High Power. Eugene, RU9CK, lead a competitive group including UP4L, OJØB, S53MM, and OM7CW. Leader of the Low Power entries was VE3DZ/VP9.

One of the most accurate operators in the contest—Mike, N2GC, operating as WN2O.

Rookie

The Rookie category had only 34 entries on CW, but we were very happy to receive each of them. It's not easy to be a newcomer to CW contesting in the middle of the high speeds, unusual callsigns, and complex exchange of the WPX Contest! The top scorer, with a very fine 2.9-million points, was 18-year-old Alex, RK9AJZ. In second with more than 1-million points was Victor, RX3ZX. In third place was another young operator, 12-year-old Sergey, RN3DBA! We were considering replacing the Rookie category with a young operator's category, but maybe there is no need!

Multi-Operator

The Multi-Single category continues to be extremely competitive. The top three finishers all broke the world record and had scores on par with the other multi-op classes as well! The winner, with the highest score of any multi-op category, was CT9M operated by the Slovak team of OM3GI, OM3NA, OM3LA, OM3RM, and OM7JG. Second place went to the Russian duo of RD3AF and RZ3AZ operating as EF8M. The third record-breaking score was from P33W operated by RA6LBS, RK3AD, RU4HP, RW4WR, and RA3AUU. The top European was OM7M, in fifth overall. The top USA score was by WE3C, who finished tenth in the world.

The Multi-Operator Two Transmitter competition was fierce, with the top four scores coming from four different continents. Taking a break from his normal single-op efforts, Hrane, YT1AD, led a four-operator team to victory from 3V8BB. They took full advantage of being close to Europe with a balanced number of QSOs across all bands. Second place went to another four-person team operating from 6Y1V. Their consolation prize was a new North American record for the category. In third was ES9C operating from the station of ES5TV. Even with 1400 more contacts and 100 more multipliers than those ahead of them, the points-per-contact disadvantage could not be overcome. Even so, they set a new European record. Close behind was P4ØL, who made only one contact on 10 meters! The top USA score was KD4D/3 operating from N3HBX.

The team at DR1A won the world high in the Multi-Operator Multi-Transmitter category and set a new European record with over 26-million points. The second-place team of LZ9W suffered through multiple power outages, but still made a nice score in spite of losing six hours of operating time. HG8ØHQ finished third with a team of only five operators. The top USA score was submitted by NR4M.

New Records

There were four new world records this year. TM5Y broke the 80-meter record set back in 2002 by over 500k points! With 24-million points, the group at CT9M smashed the seven-year-old Multi-Single record of P49V by more than 25%. On Low Power, 3V8SS set a new standard on 80 meters, while TA2RC did the same on 160 meters.

Congratulations also to these new regional record holders:
USA, 3.5 MHz, W3BGN
Africa, 3.5 MHz, 7XØRY
Asia, Multi-Single, P33W
Europe, 1.8 MHz, SN7Q (SP7GIQ)
Europe, 7 MHz, OK5R (OK1RI)
Europe, 7 MHz QRP, EU8RZ
Europe, Multi-Two, ES9C
Europe, Multi-Multi, DR1A
North America, Multi-Two, 6Y1V

USA TOP SCORES

SINGLE OPERATOR ALL BAND

K1ZM	8,211,332
NE4AA (K1TO)	7,864,538
K1LZ	7,299,000
WC1M	7,192,614
NY4A	7,040,844
WM3T (N3KS)	7,028,730
NN5J (N5DX)	5,589,816
AK1W (K5ZD)	5,325,880
AA3B	5,178,468
K3ZO	4,714,752

28 MHz

NN5P (W5MJ)	42,600

21 MHz

NR5M (NM5M)	772,317
W4KZ (NQ4I)	716,856
WU3A/1 (W3UA)	621,824
NJ4U (K4EA)	555,464
WN1GIV/4 (N4BP)	470,136

14 MHz

NQ4I (VE7ZO)	3,210,000
K8IA/7	1,307,544
W9WI/4	1,054,409
NN4N (W4SO)	858,520
WC6H	624,360

7 MHz

WI4R (N6GQ)	2,248,797
KØRF	2,000,768
K6NA	1,906,940
NS1S/4 (K1ZZI)	1,562,346
W3YY/4	1,142,054

3.5 MHz

W3BGN	641,092

1.8 MHz

N3UA/4	33,306

LOW POWER SINGLE OPERATOR ALL BAND

*NV1N (N1UR)	3,276,504
*WJ9B/4	2,872,404
*WK2G/4	2,433,699
*K9QVB	1,518,155
*N2WN/4	1,460,556
*N5DO	1,268,370
*KV8Q	1,163,331
*WD4AHZ	1,126,320
*N3CZ/4	1,111,887
*WA1S	924,766

28 MHz

*NA4W (K4WI)	123,200

21 MHz

*W9ILY	20,680

14 MHz

*WA1FCN/4	629,280
*KR2AA	508,392
*KJ9A	489,942
*NT2Y	387,838
*W2AW (N2GM)	331,038

7 MHz

*N4NX	465,771
*NS3T	326,211
*N5ER	287,358
*AA7AX	282,494
*W8TM	229,218

3.5 MHz

*AB1J	23,478

1.8 MHz

*K3BU/2	80

QRP/p

KR2Q	A	886,542
N7IR	A	377,000
NAØCW (NØKE)	A	368,401
AA1CA	A	266,855
WA8WV	A	218,652
K8ZT	A	172,725
NA4BW	A	118,440
WA8REI	A	100,084
NE1RD	A	85,140
KO1H	A	69,860
K6MI	28	4
WA6FGV	21	17,072
NØLY	14	94,572
KT8K	14	88,765
KT5E/Ø	7	98,208

SINGLE OPERATOR ASSISTED

K3WW	A	5,111,106
WR3Z	A	3,994,080
NO2R	A	3,767,095
W8MJ	A	2,902,520
W8AV	A	2,869,174
NF4A	A	2,469,060
W1CU	A	2,377,650
K9CT	A	1,878,031
AB2E	A	1,755,468
KR4F	A	1,624,328
WA3AAN	14	231,168
W2IRT	7	301,840
K4XD	3.5	131,544

LOW POWER

*N2BA	A	1,391,652
*WK5X/4	A	492,250
*K4FPF	A	403,788
*W4EE	A	383,098
*K5GM	A	352,525
*N4KG	A	349,650
*W5GZ	14	60,225
*K2DB	7	7,783

TRIBANDER/SINGLE ELEMENT

WN2O (N2GC)	A	2,972,749
WT4PF (N4PN)	A	2,819,971
NF4A	A	2,469,060
W1CU	A	2,377,650
KZ5D	A	2,347,860
N1WR/3	A	2,297,109
KF6T	A	2,097,186
AB2E	A	1,755,468
KR4F	A	1,624,328
K4PV	A	1,524,600
WN1GIV/4 (N4BP)	21	470,136
K8IA/7	14	1,307,544
AA4VV	7	151,536

LOW POWER

*N2BA	A	1,391,652
*KV8Q	A	1,163,331
*WD4AHZ	A	1,126,320
*N3CZ/4	A	1,111,887
*WA1S	A	924,766
*KØPK	A	733,503
*N8NA/3	A	666,885
*W1TO	A	595,680
*NA4K	A	569,940
*WT5R (W5ZL)	A	542,346
*WA1FCN/4	14	629,280
*AA7AX	7	282,494
*AB1J	3.5	23,478
*K3BU/2	1.8	80

ROOKIE

*KA1G	A	103,455
*N3ZK	A	101,472
*KJ9A	14	489,942

MULTI-OPERATOR SINGLE TRANSMITTER

WE3C	9,344,146
KT3Y/4	8,113,920
N5RM	5,524,881
KD2HE/3	3,943,798
W7VJ	3,350,130
AD6E	3,167,440
WN9O	2,951,200
N4CW	2,873,130
NK5Q	2,401,240
NM1Z	2,234,571

MULTI-OPERATOR TWO TRANSMITTER

KD4D/3	14,116,239
WW4E	7,967,940
W7RN	6,104,163
NX5M	5,601,292
WX5S/6	3,741,920

MULTI-OPERATOR MULTI-TRANSMITTER

NR4M	15,425,340
NØNI	4,076,897

**Low Power*

SSB & CW COMBINED CLUB SCORES

United States Club Scores

Club Name	Entries	Total Score
POTOMAC VALLEY RADIO CLUB	119	149,872,160
NORTHERN CALIFORNIA CONTEST CLUB	83	117,348,455
YANKEE CLIPPER CONTEST CLUB	72	92,586,379
FRANKFORD RADIO CLUB	38	69,964,196
FLORIDA CONTEST GROUP	74	68,230,258
SOUTHERN CALIFORNIA CONTEST CLUB	37	36,918,618
SOCIETY OF MIDWEST CONTESTERS	52	35,751,259
CENTRAL TEXAS DX AND CONTEST CLUB	20	34,868,939
SOUTH EAST CONTEST CLUB	27	34,394,348
MAD RIVER RADIO CLUB	21	26,434,587
TENNESSEE CONTEST GROUP	36	17,192,476
WESTERN WASHINGTON DX CLUB	17	15,031,290
GRAND MESA CONTESTERS OF COLORADO	19	14,874,219
CENTRAL ARIZONA DX ASSOCIATION	27	10,464,051
CTRI CONTEST GROUP	10	8,916,147
NORTH COAST CONTESTERS	4	7,986,158
ALABAMA CONTEST GROUP	17	7,388,136
MOTHER LODE DX/CONTEST CLUB	4	6,892,930
CAJUN CONTEST CLUB	4	6,868,180
OKLAHOMA DX ASSOCIATION	6	6,387,069
NORTH TEXAS CONTEST CLUB	12	6,366,580
HUDSON VALLEY CONTESTERS AND DXERS	18	5,941,749
KANSAS CITY DX CLUB	3	5,533,254
MINNESOTA WIRELESS ASSN	29	5,171,457
WILLAMETTE VALLEY DX CLUB	13	4,314,157
UTAH DX ASSOCIATION	12	2,654,700
SOUTHWEST OHIO DX ASSOCIATION	3	2,412,676
CAROLINA DX ASSOCIATION	17	1,818,527
NORTHERN ARIZONA DX ASSN	3	1,504,842
SOUTHEASTERN DX CLUB	5	1,400,177
SOUTHERN CALIFORNIA DX CLUB	4	1,324,623
SPOKANE DX ASSOCIATION	5	1,283,271
ROCHESTER (NY) DX ASSOCIATION	7	1,199,481
ORDER OF BOILED OWLS OF NEW YORK	5	1,036,668
KENTUCKY CONTEST GROUP	5	826,133
WEST PARK RADIOPS	9	714,994
WIRELESS ASSOCIATION OF SOUTH HILLS	3	704,968
WESTERN NEW YORK DX ASSOCIATION	4	678,594
SOUTH JERSEY DX ASSOCIATION	3	646,245
NORTHERN ROCKIES DX ASSOCIATION	3	551,814
STERLING PARK AMATEUR RADIO CLUB	3	548,687
NORTH CAROLINA DX AND CONTEST CLUB	3	528,282
BERGEN ARA	6	486,751
METRO DX CLUB	6	271,024
LOW COUNTRY CONTEST CLUB	3	269,985
MAGNOLIA DX ASSOCIATION	3	187,557
PORTAGE COUNTY AMATEUR RADIO SERVICE	7	144,108
REDMOND TOP KEY CONTEST CLUB	6	107,457

DX Club Scores

BAVARIAN CONTEST CLUB	143	182,067,552
ARAUCARIA DX GROUP	42	160,003,209
RHEIN RUHR DX ASSOCIATION	139	152,347,850
CONTEST CLUB FINLAND	36	101,238,866
CONTEST CLUB ONTARIO	57	83,657,168
LU CONTEST GROUP	28	83,262,283
SLOVENIA CONTEST CLUB	43	72,749,492
YU CONTEST CLUB	19	72,002,959
CROATIAN CONTEST CLUB	21	60,542,243
UKRAINIAN CONTEST CLUB	68	60,481,925
URAL CONTEST GROUP	33	60,036,701
LZ CONTEST TEAM	4	55,401,810
BLACK SEA CONTEST CLUB	38	51,986,145
KAUNAS UNIVERSITY OF TECHNOLOGY RC	31	47,155,828
HUNGARIAN DX CLUB	12	43,335,221
SP DX CLUB	59	36,278,471
TARTU CONTEST CLUB	5	34,710,199
LITHUANIAN CONTEST GROUP	17	34,634,898
LATVIAN CONTEST CLUB	34	28,518,994
SOUTH URAL CONTEST CLUB	19	25,660,169
RUSSIAN CONTEST CLUB	35	25,061,910
WORLD WIDE YOUNG CONTESTERS	30	24,767,456
BOSNIA AND HERZEGOVINA CONTEST CLUB	6	23,301,489
SKY CONTEST CLUB	10	22,863,785
BRITISH COLUMBIA DX CLUB	10	22,236,824
LA CONTEST CLUB	7	17,622,757
WEST SERBIA CONTEST CLUB	5	16,486,346
ALRS ST PETERSBURG	12	15,046,816
FOX CONTEST CLUB	13	14,874,626
CONTEST GROUP DU QUEBEC	11	13,813,239
VK CONTEST CLUB	21	13,317,168
GUARA DX GROUP	8	11,918,034
RIO DX GROUP	13	11,278,604
CENTRAL SIBERIA DX CLUB	9	11,055,578
LES NOUVELLES DX	4	10,730,819
RADIO CLUB VENEZOLANO	4	8,754,715
BEKASI DX CONTEST CLUB	5	8,612,313
RADIOCLUBUL RADU BRATU	4	8,427,883
VRHNIKA CONTESTERS	13	8,389,290
BELOKRANJEC CONTEST CLUB	5	8,369,737
MARITIME CONTEST CLUB	10	7,999,681
BASHKORTOSTAN DX CLUB	9	7,864,773
TEMIRTAU CONTEST CLUB	8	7,799,236
CHILTERN DX CLUB	8	7,692,060
ORENBURG CONTEST CLUB	6	7,397,807
NOVOSIBIRSK CONTEST CLUB	5	6,137,116
BELARUS CONTEST CLUB	4	5,937,101
CROATIAN DX CLUB	3	5,569,144
TOP OF EUROPE CONTESTERS	3	4,962,866
MICHURINSK CONTEST GROUP	3	4,927,863
EAST COAST CANADA CONTEST CLUB	4	4,882,514
GRUPO DXXE	6	4,577,032
PERM RADIO CLUB	5	4,055,193
YO DX CLUB	4	3,901,922
STAVROPOL REGION RADIO CLUB	8	3,666,672
CE CONTEST GROUP	9	3,642,172
SHAKHAN CONTEST CLUB	3	3,229,485
SPEKTR	5	3,209,232
KKKK CONTEST CLUB KRASNODARSKOGO KRAYA	12	2,895,227
TUPY DX GROUP	6	2,661,041
MOSCOW RADIO CLUB	6	2,634,186
SP CONTEST CLUB	10	2,572,126
NOORD-OOST LIMBURG	4	2,518,926
RADIO CLUB DE HONDURAS	3	2,456,916
LYNX DX GROUP	3	2,334,368
MAYCOPSKIJ RADIO CLUB	11	2,227,991
CSM BAIA MARE	3	2,143,334
MT. RF	4	2,139,556
CONTEST CUMBRIA	3	1,951,077
AMATEUR RADIO MOLDOVA	4	1,942,644
SIAM DX GROUP	6	1,861,133
RADIO CLUB PARMA	4	1,859,675
ALBERTA CLIPPERS	4	1,824,543
DANISH DX GROUP	7	1,799,943
RU-QRP CLUB	11	1,670,391
VLADIMIR RADIO CLUB	13	1,661,535
SMOLENSK CONTEST CLUB	4	1,632,764
CSTA BUCURESTI	5	1,623,606
TIKIRRIKI CONTEST CLUB	6	1,549,108
UA2 CONTEST CLUB	7	1,517,661
RADIO AMATEUR SOCIETY OF THAILAND	4	1,449,910
KIEV CONTEST GROUP	3	1,449,560
YAMAL RADIO CLUB	6	1,352,971
JIANGSU DX CLUB	4	1,318,926
CSTA SUCEAVA	4	1,268,622
NOR NIZHEGORODSKOE A.R. COMMUNITY	3	1,182,760
TIRAS	3	1,174,357
CRIMEAN CONTEST CLUB	3	1,169,102
NOVOKUZNETSK RADIO CLUB	8	1,157,872
GRUPO PORTUGUESE DX	3	1,142,534
ALASKA DX CLUB	3	1,134,931
UNITED DX CLUB	4	1,076,743
HAROS RADIO CLUB	3	1,052,805
YAROSLAVL RADIO CLUB	7	1,047,712
MARCONI CONTEST CLUB	3	1,026,738
SK2AT FORENINGEN UMEA RADIOAMATORER	3	984,775
CS CRISUL ORADEA	5	931,709
DONBASS	5	878,436
ISRAEL AMATEUR RADIO CLUB	4	843,696
SASKATCHEWAN CONTEST CLUB	3	803,824
POISK	4	796,397
BALKAN CONTEST CLUB	5	687,772
OBNINSK QRU CLUB	6	658,548
OMSK RADIO CLUB	4	529,303
SP-CW-C	6	518,988
PODOLSK	5	505,958
KIROV RADIO CLUB	3	433,511
CSM CLUJ-NAPOCA	5	430,832
R4F-DX-G	5	424,472
CS YO HD ANTENA DX GRUP DEVA	4	423,913
AFARU	3	416,428
PLIS PLAI CONTEST TEAM	3	406,947
URE-CARTAGENA	4	401,553
DOMODEDOVO	3	401,394
CSM CRAIOVA	7	400,232
MID LANARK AMATEUR RADIO SOCIETY	3	394,626
AMSTERDAM DX CLUB	6	360,685
SPORT CLUB MIERCUREA-CIUC	3	322,511
TERA RADIO CLUB	3	312,895
ARCK	7	303,331
BEEMSTER CONTEST CLUB	3	301,927
RADIO KLUB ZAGREB	3	270,380
RADIOAMATOR	3	256,531
SK5DB UPPSALA RADIOKLUB	3	250,717
UKRAINIAN YOUTH CLUB	3	169,807
KRIVBASS	3	158,050
HERSTMONCEUX MEGACYCLES	5	146,993
GRUPO ARGENTINO DE CW	4	142,738
TARL	4	131,308
NANAIMO AMATEUR RADIO ASSOCIATION	3	102,192
BAHIA DX GROUP	3	95,296
CS SILVER FOX DEVA	3	89,900
CHINESE RADIO SPORTS ASSOCIATION	3	48,004

Log-Checking Honor Roll

The 2008 CQ WW WPX CW Contest received 3148 logs containing 2,012,878 QSOs. The log-checking software was able to cross-check 97.4% of the QSOs with another log! Callsigns and exchanges were fully checked. We ask everyone to submit their log, as even small logs contribute to the overall quality of the log-checking process.

The Top 20 Single Operator All Band entries had an average score reduction of only 5.3% after penalties (about one-half percent higher than the SSB contest). The average for *all* Single Operator entrants was 12.4%. We urge every competitor to use these results as a benchmark for measuring their personal progress toward operating perfection. Detailed log-checking reports may be requested by sending an e-mail to **<k5zd@cqwpx.com>**.

Speaking of perfection, there were 106 entries with no score reductions. The top five "golden log" scorers (with number of contacts) were UA6LCJ (526), W1ZT (315), N3GJ (240), 9A2EY (225), and WØEB (219).

Just as important as copying information correctly is sending it. There were 133 entries that caused no errors in other logs. The top scorers among these golden transmitters were N5JR (164), YU7D (171), LZ1YQ (123), DM2RN (130), and UN8GA (117).

As a figure of merit, we looked at the top scorers in each category that had more than 1500 contacts in the log to see which was the most accurate.

Single Op All Band High Power, WN2O (0.7%)
Single Op All Band Low Power, OL6P (1.3%)
Single Op Assisted, OH6MW (1.3%)
Multi-Single, SN9F (3.8%)
Multi-Two, KD4D/3 (4.3%)
Multi-Multi, DR1A (4.6%)

Congratulations to all of these operators who demonstrated such extraordinary skill!

OLD CQ WW WPX CW CONTEST ALL-TIME RECORDS

The contest is held each year on the last full weekend of May. The All-Time Records are updated and published annually. Data shown below is: callsign, year of operation, total score, and number of prefix multipliers.

WORLD RECORD HOLDERS

Single Operator

1.8	IH9/OL5Y('98)	341,068	182
3.5	TM5Y ('08)	1,983,366	567
7.0	LU1IV('97)	7,671,456	702
14	4L8A('06)	6,083,910	870
21	ZX5J('05)	7,061,000	920
28	ZX5J('02)	6,787,440	857
AB	D4B('04)	16,619,000	1000

Multi-Operator Single Transmitter

CT9M('08) 24,125,802 1182

Multi-Operator Two Transmitters

EF8M('07) 33,324,192 1256

Multi-Operator Multi-Transmitter

HC8N('99) 54,697,072 1264

U.S.A. RECORD HOLDERS

Single Operator

1.8	K1ZM('95)	40,446	107
3.5	W3BGN('08)	641,092	332
7.0	KG1D('05)	3,594,822	651
14	N2NC('06)	5,418,630	915
21	NU5A('99)	4,411,299	789
28	WW4M('01)	2,547,046	674
AB	AK1W('05)	8,650,704	916

Multi-Operator Single Transmitter

KM9P('01) 10,691,724 964

Multi-Operator Two Transmitters

KM4M('04) 16,283,745 1095

Multi-Operator Multi-Transmitter

KM3T('01) 21,103,320 1110

CLUB RECORD

Northern Calif. Contest Club('02) 253,543,497

WPX (Prefix) RECORD

DR1A('08) 1313

QRP/p RECORD

P4ØW('97) 4,018,208

CONTINENTAL RECORD HOLDERS

AFRICA

1.8	IH9/OL5Y('98)	341,068	182
3.5	7XØRY ('08)	1,701,260	407
7.0	IG9B('04)	5,187,819	613
14	EA9LZ('98)	5,708,498	758
21	5X1Z('01)	6,362,352	782
28	ZS4TX('01)	4,602,028	722
AB	D4B('04)	16,619,000	1000

ASIA

1.8	4X4NJ('96)	259,420	170
3.5	TAØ/Z33F('02)	1,452,552	348
7.0	9K2HN('06)	4,541,970	606
14	4L8A('06)	6,083,910	870
21	A45XR('99)	6,557,697	843
28	HZ1AB('02)	3,669,994	659
AB	4LØA('08)	11,213,664	888

EUROPE

1.8	SN7Q('08)	339,542	307
3.5	TM5Y('08)	1,983,366	567
7.0	OK5R('08)	5,222,912	808
14	4O3T('06)	5,313,554	986
21	9HØA('02)	5,389,008	933
28	9HØA('01)	3,965,315	841
AB	CU2A('06)	8,153,512	964

NORTH AMERICA

1.8	VA1A('99)	103,680	120
3.5	FM5BH('97)	833,490	315
7.0	V26BA('97)	6,227,550	659
14	N2NC('06)	5,418,630	915
21	ZF1A('99)	5,330,129	799
28	FM5GU('01)	2,849,769	621
AB	WP2Z('99)	12,506,280	890

OCEANIA

1.8	KH6ND('07)	22,100	50
3.5	KH6ND('05)	476,928	207
7.0	ZM3A('07)	6,043,950	666
14	KH6ND('03)	4,126,690	730
21	KH6ND('99)	6,107,256	813
28	KH6ND('00)	1,523,008	424
AB	KH6ND('02)	7,996,774	862

SOUTH AMERICA

1.8	YV1OB('86)	11,550	35
3.5	YX3A('89)	1,004,060	305
7.0	LU1IV('97)	7,671,456	702
14	YW1A('91)	4,617,456	732
21	ZX5J('05)	7,061,000	920
28	ZX5J('02)	6,787,440	857
AB	P4ØW('94)	14,168,115	845

MULTI-OPERATOR SINGLE TRANSMITTER

AF	CT9M('08)	24,125,802	1182
AS	P33W('08)	21,314,175	1145
EU	9A7A('01)	10,915,020	1044
NA	8P4A('02)	18,516,960	1056
OC	AH2R('01)	11,541,420	957
SA	P49V('01)	19,760,744	1034

MULTI-OPERATOR TWO TRANSMITTER

AF	EF8M('07)	33,324,192	1256
AS	RT9W ('03)	12,006,568	872
EU	ES9C('08)	18,557,028	1266
NA	6Y1V('08)	20,507,972	1108
OC	ZL6QH('05)	13,312,768	952
SA	HC8N ('03)	30,928,268	1187

MULTI-OPERATOR MULTI-TRANSMITTER

AF	6V6U('97)	9,938,896	758
AS	A61AJ('02)	42,766,232	1244
EU	DR1A('08)	24,285,248	1313
NA	6Y2A('02)	38,821,328	1274
OC	ZL6QH('04)	16,143,840	1010
SA	HC8N('99)	54,697,072	1264

QRPp

AF	5Y4FO('92)	649,057	311
AS	ZC4BS('02)	2,515,388	521
EU	LY5A('01)	2,331,414	646
NA	TI5X('01)	2,568,470	615
OC	FO8JP('86)	572,131	259
SA	P4ØW('97)	4,018,208	632

Rules Changes

WPX CW 2008 was the first major CW contest to occur after the CW Skimmer technology created by VE3NEA captured the attention of contesters. In the absence of any rule against its use, an announcement was made that CW Skimmer could be used by single-operator entrants. A few operators did give it a try, but it is not believed to have impacted the order of finish of any of the world or regional competitions. Following the lead of the CQ WW Contest, the WPX rules for 2009 have been changed to limit the use of CW Skimmer to the Assisted and Multi-Operator categories.

There are a number of rules changes for the 2009 contest. Pay particular attention to the terms of competition, rules for Multi-Single, and changes to the Club category. **See the complete rules on the web at <www.cqwpx.com>; <www.cq-amateur-radio.com>, and in the February issue of *CQ magazine*.**

Final Thoughts

The CQ WW WPX Contest lost a great friend this past year. CQ Contest Hall of Fame member Paolo, I2UIY, became a Silent Key in September. His participation in this contest as a member of the W7RN multi-op crew represented one of his final contest operations. We will miss Paolo's enthusiasm and his help.

There are many people operating behind the scenes to help produce the CQ WPX Contest. Thanks to W4AU, K1ZE, WA1Z, K2BB, NJ1F, W1UE, WO1N, WC2L, N8RA, WB1DX, W1TO, N1NK, W2JU, W1KQ, KM1P, W1KM, and W1ZT for their work typing in all of the paper logs. I also received help from K1PX and F6BEE on updating the score records. My job is made much easier with the assistance of Doug, K1DG, who manages the plaque program, and Barry, W5GN, who coordinates all of the certificate distribution. Trey (aka Mr. Cabrillo), N5KO, keeps the log-submission robot running. K5TR and KM3T provide incredible IT support for the website. Most of all, I have to

Andy, YO3JR, operated as YR7M to finish in fifth place Europe in the Single Operator All Band category.

thank K1EA for his hours of software development and responses to my requests.

The 2009 WPX CW Contest will be held on May 30 and 31. Submit your WPX CW logs to **<cw@cqwpx.com>**. Please join us in the 2009 contest! 73, Randy, K5ZD

QRM

What a blast! First contest since NA Sprints from XE1/NV1P in 1992; so much has changed since then. Brought my 9- and 12-year-old sons along to get the next generation hooked on contesting. Thanks to all who recognized the 4U1ITU callsign and apologies for my rusty CW. See you in the next one! ... **4U1ITU (Ken/NV1P op)**. Another nice contest! I had some small problem with my radio (originally I planned to be active on 40m) but thanks to Rolando, 9A3MR, I was active from Murter Is. with his equipment. ... **9A/VE3ZIK**. Great conditions. 10m was hot like in its best days. ... **9A7T**. Worked an ICOM 718 at 5 watts to an attic dipole. Challenging, but fun. Amazing to be able to work Europe and other DX with this setup. ... **AD5QB**. Finally some good conditions! ... **AK1W**. I am glad of contacting ham around the world. See everyone next contest. ... **BV4VR**. My first CW contest. It was fun although I didn't operate as much as I wanted. My CW skills are not good but managed to make 345 Qs. Nice to see all bands open. ... **CT1ENQ**. Many thanks to Girts YL2KL, Luca IK2NCJ, and Carlos D44AC, for possibility to operate from this fantastic position at Monte Verde, St. Vicente island. It was a great fun. ... **D4C (Jurgis, LY2CY)**. Very nice sporadic-E made the single band QRP entry on 10m very worthwhile. Never thought to make over 430 QSOs with 5 watts and a 3-ele Yagi running my good ol' FT-817. Thanks everybody! ... **DH8BQA**. Don't forget: The fun is the power! ... **DK3RED**. Thanks guys for pulling me through. I am very grateful you were so determined to copy my QRP signal . Picture it: you could copy a station 25 dB below your own signal level. Please accept my sincere congratulations ... **DL9YX**. I definitely love this contest! Conditions were outstanding, including nice openings on 10m all weekend. Most operators were very impressive and did not confuse operating skills with transmitting speed. ... **F5SGI**. Great to hear 15m and 10m buzzing with short-skip signals, as well as a few DX stations. Operated for 35 hours across all bands. But 20m remains the power-band until the sunspots return for real. ... **G3TXF**. 10m open at midnight in GM-land during sunspot minimum! Well, it was true. Maybe these contests create their own propogation after all. I used an IC-7400 at 5W, a Windom at 30 ft., and SD to log, but the most important was noise-cancelling headphones for the teenage QRM! ... **GM4UBJ**. Maybe the new sunspots are starting? Let's hope so! ... **H7/K9GY**. First participation from our new contest station. Only wire antennas have been used: The delta loops worked great! Due to QRL problems the second operator couldn't participate. ... **HB9LL**. After many years higher bands open! A good job also on lower bands. Very nice contest with many stations. ... **I2AZ**. Many new prefixes for me.I think receive many QSLs for my WPX award. Thank you. ... **IK2CZQ**. I entered on single-op 160m low power. The condition between the U.S.A. and JA was not good. BI could only make a QSO with W2VJN. I use M.V. (Micro Vert) antenna for 160m in this contest. It was very FB. Its gain was nearly equal full-size dipole. And I used a tranceiver K2. It was the best rig for 160m! ... **JE1SPY**. I was happy to meet my goal of beating last year's score by a substantial margin. Not as many Qs this year but higher points/QSO did the trick. Also nice to see some propagation on 15 & 10 from this corner of the Black Hole. Thanks for a great contest! ... **KØPK**. Contesters MAKE their own band conditions! ... **K9WWT**. My highest number of QSOs so far in a CW contest. And that's in spite of my dead rotator leaving my beam pointed SW! Lots of fun, and thanks for all the contacts. ... **KA1ARB**. Terrible condx from the West Coast on 10/15m! 20m was the money band. There was an unexpected Russian/East EU opening late Friday night on 20m. A few EU on 40m came thru. Hopefully, next year there will be those elusive things known as sunspots. ... **KC6X**. Seems like more guys are taking the exchange seriously. I had more requests for multiple repeats than ever before. Or perhaps I am just weaker than ever before. I even had two guys tell me, after getting my call right away, that they had no copy on my serial number and I therefore voided the QSO. This is a good change! ... **KR2Q**. I bettered last year's QSO count by 60 contacts. First time calls were 18%. My morning hour propagation was poor. EU finally opened up late Saturday afternoon and brought in a lot of multipliers at 3 points. I had fun. ... **KSØM**. Lots of QRN on 80, especially the first night. It was nice to work Europe on 15 again for a change. Also nice to work a few stations on 10. Lots of real deep QSB throughout the entire contest here. Thanks for all the QSOs and I'll see you all next year. ... **KV8Q**. Still love contesting at my age of 89. ... **LY1BX**. Suprising opening on 10m. ... **LZ1MS**. I hope to improve. Sri for my rusty CW skills. Thanks to all for all points. Thanks Bob, Andy, Stavros, Andrew, and GØKPW for use of station in test setup. 73 all and CU. TU all M6T/KPW team for support. ... **MØITY**. Nice to be able to use all the bands. 10m was a nice surprise. Condx very good the first day. Second day was a 1-pointer day until the last few hours when 20m opened to EU nicely. Got a late start and quit a bit early to mow the yard before the rains came again. ... **N8BJQ**. What a great contest and operators. My first contest with the FT-950 which was a joy to operate. Ran 100W to either a 10-15-20 trap dipole or a 160m center fed Zepp for 40 and 80 ... **N9AUG**. This was my first effort in WPX CW and I had a ball. Openings on 15 and 10m made it interesting. My QRP signal and G5RV made it to Hawaii for the first time in years. Perhaps we've finally turned the corner! I really enjoy a contest where everybody can work everybody. I can't wait until next year! ... **NE1RD**. This is the second WPX CW that we've had the pleasure of hosting an op from another country. This year Nodir, EY8MM, operated the contest with us. As everyone else noted, condx were tremendous for being at the bottom of the cycle. We've got a lot of antenna work to do yet, but what we've done has really paid off. Thanks to Steve, NR4M, for hosting us again. ... **NR4M**. Extremly good condx over this contest for in this minimum solar activity. 20m band was open overnight to W, VE (incl. W6, VE5), CX, PY, LU, JA, 9M, BY, and EU also! Only the 100W out was not legible for many fine DX stations. Overall, I am satisfied with my results, and I am 72 yrs old. ... **OK2QX**. Limited MM setup with fantastic hamfest spirit made this contest memorable. Lack of equipment and antennas was replaced with delicious food and cooking service by OM8KW/OM8YL. High activity and nice E-layer openings on 10 and 15m were totally unexpected. 30 USA + 31 JA on 10m, as well as 105 USA + 93 JA on 15m proof the nice condx. A special thanks goes to Yogi, OM4KW, who was the headhunter for this event. ... **OMØM**. Very exciting competition! Ten meters was open for Europe but unfortunately not for DX. Be patient! Good condx will be back soon. ... **ON3ND**. Poor conditions from South America, but it was still a lot of fun. ... **P40A**. Only goal here was to make more QSOs than last year (679 in 2007). Started serious contesting 2 years ago with the challenge to use LP/dipoles only. First time I made more than 1000 QSOs with setup. What a feast on 10 (15) but 20 in particular which was "open" to U.S. till early morning. Best moment wkg B4TB on 20m Sunday evening high in the band. Cu in 2009 ... **PA3ARM**. Thanks to all calling me. It was my first experience in Tribander category. Nice propagation on 10 meters! I love WPX Contest. CW forever! ... **RV2FW/1**. Nice contest! What a happiness to be a mult! Really helped especially at the end of the contest! ... **RV6LFE**. After 30 years with QRP tried Low Power this time and it was fun. Very relaxing on the low bands, not much difference on the higher ones. ... **SM3C**. Ten was open two days but mostly to EU and AS with some AF/SA, good activity on the band. Really missed NA. Anyway, much fun as usual! ... **UR5IKN**. Enjoyed listening to the big guns operate, and the old-style hand logging. ... **VE1AYY**. Did somebody cut my coax on Sunday morning? ... **VE7XF**. Band conditions poor, particularly contacts to Europe were very difficult from VK2! ... **VK2GR**. Enjoyed a single band entry, with a lot of power failures and few QSOs. Nice activity. ... **VU2UR**. Highlight working M1A on 80m with 1 watt. ... **W2JEK**. I could see out my shack window a bluebird on my feed line. Every time the transmitter would key, he would hop from foot to foot and hover in the air. Then he would settle back on the feedline. He finally got tired of the hot foot and left. ... **W5RYA**. Exceptional EU propagation on 20 and even a few EUs on 15 for the first time in 2 years on 15. JA was fair on 40 and very disappointing on 15. Did not use a second station for this contest as a result of of a temporary antenna switch glitch, but don't think it made as much difference as it might have under better propagation. Thanks to all who took the effort to work us, and for an exceptional team of great operators and guys. ... **W7VJ**. Great contest. Nice conditions to Europe. See you guys next year! ... **XE1ZVO**. Working with 5W is terrible in this period of very poor propagation. Anyway had a great fun. See you next time. Many thanks to the stations who copy my signal in QRM see next year. ... **YV6BXN**. Tough going with a simple 160m dipole and no propagation. Conditions were very very poor. Thanks to Les, ZL2JU, and his XYL Faye for allowing me to invade their farm. Many stations didn't want to believe we were signing "ZM" instead of "ZL." We enjoyed the battle, though! ... **ZM2AGY**. First CW event for ZM2M. First time we've had a PC network. Helps a lot. ... **ZM2M**.

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 CW RESULTS
SINGLE OPERATOR
NORTH AMERICA
United States

K1ZM	**A**	**8,211,332**	**2994**	**922**
K1LZ	"	7,299,000	2654	900
WC1M	"	7,192,614	2590	858
AK1W	"	5,325,880	2252	805
			(OP: K5ZD)	
WK1Q	"	4,047,264	1763	752
			(OP: K1MK)	
W5WMU/1	"	1,795,230	1088	545
W1BYH	"	620,964	596	367
W1EBI	"	562,432	550	338
K1KI	"	457,714	356	262
K1DG	"	412,716	518	326
N1SW	"	304,444	411	262
K1TR	"	218,400	293	240
W1ZT	"	191,727	315	263
N8WXQ/1	"	124,355	267	187
W1UJ	"	119,464	290	218
N4XR/1	"	113,058	236	198
W1HBR	"	23,217	124	109
WU3A/1	**21**	**621,824**	**701**	**448**
			(OP: W3UA)	
***NV1N**	**A**	**3,276,504**	**1746**	**693**
			(OP: N1UR)	
*WA1S	"	924,766	891	461
*W1TO	"	595,680	605	340
*K1HT	"	450,300	469	300
*NA1R	"	379,056	505	298
*NI1L	"	367,030	450	289
*W1JQ	"	366,882	408	282
*W2JU/1	"	166,420	311	212
*NJ1T	"	151,416	308	216
*KX1E	"	150,780	280	210
*KA1G	"	103,455	223	165
*KE3Z/1	"	102,630	233	165
*AA1O	"	93,024	220	171
*WW3DE/1	"	70,064	197	151
*K3IU/1	"	58,212	212	154
*N1NN	"	37,152	190	108
*YO7ARY/W1	"	15,224	123	88
*AE1P	"	13,932	92	81
*W1MJ	"	7,280	60	56
*K1YM	"	7,254	64	62
*W1AF	"	2,952	53	41
			(OP: NF1R)	
***AE1T**	**14**	**66,810**	**188**	**170**
***K1SND**	**7**	**53,000**	**147**	**125**
***AB1J**	**3.5**	**23,478**	**106**	**86**
WN2O	**A**	**2,972,749**	**1577**	**659**
			(OP: N2GC)	
N2RJ	"	1,429,233	993	507
K2FU	"	1,295,111	1008	493
K2MK	"	582,750	598	333
KU2M	"	405,444	499	299
W2TB	"	259,055	368	263
W2FUI	"	37,848	143	114
WT4Q/2	"	22,532	95	86
K2XA	"	2,268	33	28
KC2KZJ	"	1,352	29	26
W2IUC	"	966	25	23
WQ2N	**14**	**88,452**	**247**	**189**
***K2UF**	**A**	**892,305**	**746**	**395**
*K2ZC	"	328,434	388	258
*WA2MCR	"	321,368	459	278
*K1TN/2	"	220,884	400	237
*AI2N	"	96,222	226	174
*K2YLH	"	67,298	222	161
*NN2NN	"	17,712	100	82
*N2JSO	"	8,256	74	64
*W2OX	"	4,116	46	42
***KR2AA**	**14**	**508,392**	**622**	**414**
*NT2Y	"	387,838	546	374
*W2AW	"	331,038	469	347
			(OP: N2GM)	
***K3BU/2**	**1.8**	**80**	**7**	**5**
WM3T	**A**	**7,028,730**	**2733**	**870**
			(OP: N3KS)	
AA3B	"	5,178,468	2326	794
K3ZO	"	4,714,752	2013	768
NY3A	"	4,509,340	2148	796
N1WR/3	"	2,297,109	1407	619
K3WI	"	1,543,356	1221	516
W2RF/3	"	601,011	584	387
W2CDO/3	"	507,200	507	317
NA3F	"	257,985	413	273
K2PLF/3	"	192,230	329	235
KB3P	"	80,928	185	144
K3RMB	"	2,623	46	43
K3GW	**14**	**175,104**	**308**	**256**
AI3Q	"	12,462	70	67
W3BGN	**3.5**	**641,092**	**571**	**332**
***N8NA/3**	**A**	**666,885**	**611**	**345**
*WO3Z	"	600,456	665	394
*WA1LWS/3	"	500,738	680	329
*W3DQN	"	374,144	532	296
*ND3R	"	347,163	486	291
*N3KR	"	300,642	469	267
*WF3M	"	259,518	334	259
*W6AAN/3	"	231,352	265	242
*W3KL	"	227,322	290	219
*NQ3X	"	196,588	350	238
*AD8J/3	"	157,014	236	183
*N3ZK	"	101,472	216	168
*K3KU	"	75,920	229	146
*KN3A	"	29,295	155	105
*K3ATO	"	14,060	88	76
*N3NZ	"	9,984	81	64
*AF3I	"	3,240	38	36
***WA2VQV/3**	**14**	**75,852**	**200**	**196**
***NS3T**	**7**	**326,211**	**379**	**291**
*AI3G	"	10,336	77	68
*N3GE	"	252	12	12
NE4AA	**A**	**7,864,538**	**2997**	**902**
			(OP: K1TO)	
NY4A	**"**	**7,040,844**	**2834**	**837**
AB1HZ/4	"	3,966,134	2277	743
			(OP: K5KG)	
K4RO	"	3,228,310	2254	719
WT4PF	"	2,819,971	1961	691
			(OP: N4PN)	
WO4O	"	2,112,754	1593	659
K1GU/4	"	1,680,756	1290	561
NJ4I	"	1,650,168	1465	559
			(OP: K4LTA)	
K4PV	"	1,524,600	1585	550
K9MUG/4	"	1,327,309	929	479
W4QM	"	1,281,638	1113	482
N4ZZ	"	1,042,080	1279	480
WA4UAZ	"	736,200	744	409
			(OP: K4EU)	
AD4EB	"	690,166	988	383
N4QS	"	635,208	743	398
K4LQ	"	613,125	576	375
K7CS/4	"	525,217	707	359
NE4M	"	509,220	835	345
N1LN/4	"	463,156	607	356
KU8E/4	"	433,755	556	315
NQ4I	**14**	**3,210,000**	**1858**	**856**
			(OP: VE7ZO)	
W9WI/4	"	1,054,409	1120	541
NN4N	"	858,520	861	520
			(OP: W4SO)	
WI4R	**7**	**2,248,797**	**1094**	**587**
			(OP: N6GQ)	
NS1S/4	"	1,562,346	940	522
			(OP: K1ZZI)	
W3YY/4	"	1,142,054	742	443
N3UA/4	**1.8**	**33,306**	**138**	**91**
***WJ9B/4**	**A**	**2,872,404**	**1816**	**657**
*WK2G/4	"	2,433,699	1699	621
*N2WN/4	"	1,460,556	1137	522
*WD4AHZ	"	1,126,320	1024	494
*N3CZ/4	"	1,111,887	971	477
*N4IG	"	759,094	765	413
*AA4FU	"	702,625	782	365
*NA4K	"	569,940	727	354
*W4YE	"	435,210	494	326
*K3IE/4	"	431,745	599	321
*KE4KY	"	361,920	599	312
*W4NBS	"	300,240	525	278
*KI3O/4	"	241,808	452	238
*WA3GNW/4	"	238,701	398	251
*KB4C	"	235,216	397	241
*AA4LR	"	226,287	434	261
*K4MF	"	216,176	348	229
*KE4RQ	"	14,175	81	75
*WB5NMZ/4	"	9,490	79	73
*AC4PQ	"	8,262	54	51
*N4DXI	"	7,869	66	61
*KO4OL	"	7,182	81	63
*N4NTO	"	6,976	68	64
*KT6V/4	"	4,290	45	39
			(OP: K9VV)	
*W4KAZ	"	3,531	34	33
*WB4JFS	"	3,102	63	47
*K2VX/4	"	2,442	35	33
*AJ4IK	"	2,232	40	36
*WA4OSD	"	884	30	26
*K3QC/4	"	836	22	22
*W8OWS/4	"	450	16	15
*N4WO	"	63	7	7
***NA4W**	**28**	**123,200**	**454**	**220**
			(OP: K4WI)	
*KJ4AOM	"	360	9	36
***WA1FCN/4**	**14**	**629,280**	**813**	**460**
*N3TG/4	"	27,930	112	105
*K4NVJ	"	24,444	100	97
*KB4VZ	"	12,580	98	85
*W4OGG	"	810	20	18
***N4NX**	**7**	**465,771**	**441**	**321**
*W4/DL2MDU	"	122,760	172	155
*NQ4K	"	22,274	95	86
*KN4Y	"	4,448	35	32
*KK5I	"	368,535	857	311
			(OP: W5CW)	
*WD5K	"	171,487	271	223
*W5CT	"	166,110	457	226
*W5EK	"	122,958	257	198
*KF8GE/5	"	115,442	316	197
*AD5VJ	"	64,116	235	156
*W5GAI	"	56,826	223	154
*AA5JG	"	18,879	123	87
*KE5LQ	"	18,532	123	82
*AA5VU	"	16,380	132	91
*KD5JHE	"	15,486	141	87
*N5KEV	"	15,106	143	91
*W5PQ	"	8,967	79	61
*K5WW	"	7,680	77	64
*KD5J	"	2,967	50	43
*W5THT	"	731	17	17
*W5EB	"	32	4	4
***W5WZ**	**14**	**735**	**22**	**21**
***N5ER**	**7**	**287,358**	**398**	**282**
NY6N	**A**	**4,455,907**	**2550**	**733**
			(OP: N6MJ)	
KR7O/6	"	3,380,641	2168	649
			(OP: N6TV)	
NF6A	"	2,563,281	1890	609
			(OP: K6XX)	
WA6O	"	2,402,955	1757	603
KF6T	"	2,097,186	1890	598
KYØW/6	"	1,175,454	1299	491
			(OP: K6SRZ)	
WX6V	"	1,113,444	1057	471
NJ6N	"	905,826	1080	446
			(OP: K6NR)	
W6TK	"	871,579	901	409
NO6X	"	233,625	503	267
K6BZS	"	219,472	449	232
K6YK	"	108,834	243	194
K6LRN	"	95,475	244	201
W6OAT	"	89,096	319	172
W6SX	"	54,670	234	142
K6NV	"	28,416	176	111
KG6ZHC	"	21,203	148	91
AE6RF	"	20,293	152	91
W6VNR	"	16,665	126	101
K6OGO	"	7,257	70	59
WC6H	**14**	**624,360**	**846**	**430**
N6RZ	"	330,597	507	327
W4UAT/6	"	277,515	454	315
K6NA	**7**	**1,906,940**	**1135**	**530**
***AK6M**	**A**	**646,400**	**952**	**404**
			(OP: K6MM)	
*WN6K	"	362,142	738	279
*WA6L	"	173,036	446	239
*AA6YX	"	165,370	518	230
*NK6A	"	157,358	496	202
*K6AAB	"	121,545	350	185
*WDØAVV/6	"	116,400	422	194
*WT6K	"	112,608	335	184
*KQ6X	"	100,340	343	173
*AF6EV	"	98,610	311	173
*KM6Z	"	95,744	289	176
*K6VFF	"	87,615	249	165
*KA6NGR	"	87,368	248	163
*KD4HXT/6	"	71,440	304	152
*N6NF	"	46,464	195	132
*AA6EE	"	44,422	196	133
*K6RM	"	38,259	200	117
*N6RV	"	29,160	150	120
*K6CSL	"	19,920	127	83
*K6OWL	"	19,422	100	83
*WA6BOB	"	14,898	113	78
*W6RFF	"	13,200	87	75
*K6OI	"	12,246	102	78
*KN6Y	"	10,764	102	69
*N6EF	"	9,815	97	65
*WW6D	"	8,844	82	67
*K6LE	"	7,998	54	43
*N6FD	"	5,724	68	53
*W6OUL	"	3,570	44	34
*N6RY	"	1,632	34	32
*KA6GDT	"	600	21	20
***W3SE/6**	**7**	**203,067**	**388**	**207**
*W6/VK2IMM	"	150,282	312	207
WR7HE	**A**	**1,979,964**	**1532**	**567**
			(OP: K7QQ)	
N7TT	"	1,754,298	1456	546
AB7E	"	1,201,750	1033	475
KO7X	"	654,412	978	428
WA7LT	"	465,740	672	365
NR7DX	"	343,530	533	330
			(OP: K7ABV)	
W7OM	"	339,849	560	307
W7UG	"	245,875	515	281
N6TW/7	"	233,313	397	249
NE6LE/7	"	210,888	385	261
			(OP: K4XU)	
NN7ZZ	"	178,710	589	222
			(OP: N5LZ)	
W7SW	"	158,328	364	216
KS7T	"	152,721	375	213
NI7R	"	105,840	249	180
N7BF	"	83,367	310	177
KO5D/7	"	63,585	238	157
NE9Z/7	"	34,880	127	109
N3KCJ/7	"	27,713	212	107
KB7N	"	20,425	116	95
N6KW/7	"	16,928	127	92
WA7PRC	"	16,884	123	84
W7WHY	"	16,366	124	98
KC7UP	"	13,300	71	70
W9PL/7	"	8,066	45	37
KN5H/7	**21**	**39,039**	**206**	**143**
K8IA/7	**14**	**1,307,544**	**1324**	**602**
KV7DX	"	350,400	633	365
W6RLL/7	"	193,248	433	288
K7AMS	"	22,248	110	103
W7DRA	**1.8**	**1,740**	**35**	**29**
***K7WP**	**A**	**804,128**	**1044**	**416**
*KC7V	"	513,703	879	361
*W3CP/7	"	246,976	367	272
*W7RV	"	223,395	423	265
*NE7D	"	181,818	420	222
*NU7J	"	177,372	405	234
*W7QN	"	168,260	405	235
*NG7Z	"	140,760	429	207
*W7ZR	"	132,225	388	205
*N3AIU/7	"	130,086	358	198
*W7GVE	"	92,685	361	167
*NX7F	"	88,218	334	174
K4FX	"	423,752	595	329
AC4TT	"	390,032	533	304
			(OP: W1MO)	
K2SX/4	"	380,016	634	312
N6AR/4	"	272,060	311	244
W4PM	"	223,965	396	237
KG4CUY	"	220,997	467	241
N4DW	"	203,014	391	238
K4HAL	"	185,238	330	251
AI4WW	"	169,845	297	201
W4FDA	"	158,979	251	197
N4TB	"	135,870	382	210
NE1QP/4	"	133,950	344	235
			(OP: K1RQ)	
ND4V	"	122,590	272	205
N4BCB	"	122,550	306	190
W4NZ	"	83,420	247	172
AF4OX	"	75,040	228	160
K4ADR	"	69,237	208	157
W4NTI	"	50,025	202	145
WB4RQA	"	45,875	133	125
W4EEH	"	28,710	108	90
K4GM	"	19,305	116	99
W4CWA	"	15,308	99	86
WG4M	"	4,611	62	53
W4KZ	**21**	**716,856**	**906**	**476**
			(OP: NQ4I)	
NJ4U	"	555,464	766	436
			(OP: K4EA)	
WN1GIV/4	"	470,136	704	456
			(OP: N4BP)	
K1UM/4	"	228,735	524	299
N4MM	"	70	5	5
*N4PSE	"	205,820	379	251
*N4LF	"	193,380	351	220
*W4UEF	"	169,122	322	213
*NU4I	"	147,730	319	187
*AD4RE	"	142,545	310	195
*KE4R	"	129,402	251	182
*NN4FL	"	125,868	302	204
			(OP: N4EEB)	
*WØQQG/4	"	123,794	267	187
*NM2L/4	"	120,231	239	183
*KI4FIA	"	109,746	320	201
*W6UB/4	"	109,158	224	161
*N4YZ	"	106,375	258	185
*N4ARO	"	94,710	200	154
*N4OK	"	92,382	238	173
*WW2DDM/4	"	79,530	270	165
			(OP: K4UK)	
*WC4E	"	73,416	194	152
*AB4GG	"	63,150	212	150
*KI4A	"	55,279	249	149
*K4FTO	"	53,789	206	149
*W4AU	"	47,988	142	124
*AE4EC	"	43,594	200	142
*KT4PD	"	41,019	168	121
*W4OV	"	33,825	157	123
*KI4EZC	"	30,240	165	120
*W4LT	"	23,956	127	106
*W4RQ	"	21,844	93	86
*WB4MAK	"	21,056	127	94
*N4SK	"	19,008	107	88
			(OP: W4BW)	
*K4DGW	"	18,468	94	81
*K8NZ/4	"	17,301	102	79
*KF4MOU	"	304	19	19
NN5J	**A**	**5,589,816**	**2476**	**849**
			(OP: N5DX)	
NT5C	**"**	**4,467,940**	**2507**	**773**
			(OP: N3BB)	
KT2Z/5	"	4,452,494	2642	778
			(OP: K5NA)	
WC5T	"	3,821,312	2574	736
			(OP: K5PI)	
WXØB/5	"	3,774,750	2366	750
			(OP: AD5Q)	
KZ5D	"	2,347,860	1903	654
NQ5D	"	1,212,848	1102	476
N5PO	"	626,940	692	387
WQ5L	"	619,382	665	362
NE5D	"	431,528	531	323
			(OP: K5RX)	
N4OGW/5	"	175,236	296	204
KE3D/5	"	162,279	363	219
K5KA	"	52,380	201	135
W5KI	"	40,320	174	120
WJ5DX	"	25,750	138	103
			(OP: N5NA)	
WØZW/5	"	15,957	95	81
NN5P	**28**	**42,600**	**273**	**142**
			(OP: W5MJ)	
NR5M	**21**	**772,317**	**1043**	**483**
			(OP: NM5M)	
***N5DO**	**A**	**1,268,370**	**1275**	**510**
*WT5R	"	542,346	757	349
			(OP: W5ZL)	
*W5RYA	"	375,154	709	307

*WAØWWW/7	"	87,325	320	175
*W7YS	"	70,794	296	162
*WA7YAZ	"	69,934	335	146
*AA4Q/7	"	51,858	195	129
*N7EIE	"	48,300	211	140
*W6NF/7	"	35,956	172	101
*W7VXS	"	33,147	183	127
*N7VS	"	32,368	166	112
*K7TR	"	31,178	180	119
*W7YAQ	"	20,678	133	98
*N7QS	"	11,952	98	72
*N7NT	"	5,074	63	59
*KE7DX	"	4,802	54	49
*K7AWJ	"	3,182	56	43
*AD7BN	"	1,219	26	23
*W7GH	"	88	4	4
***KB7Q**	**14**	**34,979**	**209**	**133**
*WA7NWL	"	34,272	187	136
*W7CF	"	1,650	36	33
***AA7AX**	**7**	**282,494**	**467**	**274**
*N7MAL	"	47,674	149	121
N8BJQ	**A**	**2,084,880**	**1508**	**595**
K8GL	**"**	**1,965,640**	**1258**	**628**
NF8R	"	675,615	641	365
K8AJS	"	599,621	638	361
K8DD	"	466,550	602	350
K8JQ	"	413,275	763	305
WI8A	"	317,814	471	294
K8MP	"	181,714	397	241
NS8O	"	76,384	209	154
NX2PX/8	"	1,377	17	17
NG9T/8	**14**	**26,196**	**119**	**111**
			(OP: K8IR)	
***KV8Q**	**A**	**1,163,331**	**1161**	**489**
*WB8JUI	"	449,506	670	317
*WB8TLI	"	358,800	455	312
*K8EE	"	290,904	523	276
*W8GOC	"	290,296	419	277
*WY8DX	"	269,608	368	268
			(OP: K8GT)	
*K9ALP/8	"	251,739	403	249
*W8PN	"	233,523	454	243
*N8VV	"	215,952	432	264
*W8IDM	"	149,904	331	216
*N9AUG/8	"	144,534	326	221
*AE8M	"	125,866	301	206
*K8VUS	"	71,546	205	166
*AF8C	"	65,610	229	162
*NO8R	"	61,540	220	170
*KB8NNU	"	27,984	129	106
*KE8PX	"	24,570	139	105
*KDØIOW	"	16,884	100	84
*WA8OLD	"	2,052	49	36
*W8TK	"	1,968	29	24
*K9NW/8	"	598	23	23
***W8IQ**	**14**	**56,108**	**210**	**169**
***W8TM**	**7**	**229,218**	**394**	**253**
W9RE	**A**	**1,585,753**	**1219**	**547**
K9CC	"	1,174,662	1277	486
W9OP	"	932,200	910	472
K9OM	"	807,192	986	404
N9FC	"	341,726	484	317
K9WWT	"	302,470	491	290
NS9I	"	257,816	555	296
N9QQK	"	154,560	340	224
W9IL	"	133,488	261	216
N9WKW	"	52,038	185	147
AB9H	**7**	**770,712**	**743**	**408**
WX9U	"	566,960	620	373
W9SE	"	125,370	238	199
W9VA	"	74,529	172	147
***K9QVB**	**A**	**1,518,155**	**1260**	**565**
*N9XX	"	302,400	469	288
*W9OA/9	"	196,959	349	249
*KK9DX	"	195,624	310	247
*N9CK	"	156,541	283	209
*WR9Y	"	90,132	272	174
*W9CPI	"	48,000	167	128
*N9LYE	"	30,628	198	124
*W9/DM5TI	"	24,900	118	100
*W9HR	"	19,584	109	96
*W9VQ	"	14,514	86	82
*KC9GBX	"	13,689	104	81
*N9BT	"	12,692	103	76
*AG3R/9	"	12,212	108	86
*K9QH	"	7,448	44	38
*WQ9T	"	6,758	77	62
*KB9YGD	"	704	23	22
***W9ILY**	**21**	**20,680**	**137**	**110**
***KJ9A**	**14**	**489,942**	**704**	**422**
*K9OSH	"	17,480	113	95
***N9HDE**	**7**	**11,607**	**97**	**73**
KU1CW/Ø	**A**	**3,257,260**	**2184**	**730**
KØØU	"	1,695,366	1536	582
			(OP: KØOU)	
WØEWD	"	1,367,872	1445	536
WØUA	"	1,333,344	1352	544
KØFX	"	1,244,160	1137	512
WØBH	"	369,656	848	322
KØRC	"	103,208	252	194
WØHBH	"	64,064	203	143
WØTY	"	50,400	179	126
KØXTR	"	39,720	182	120
KØFG	"	33,674	129	113
WA2MNO/Ø	"	28,614	140	114
KØRF	**7**	**2,000,768**	**1107**	**539**
WY7I/Ø	"	85,536	255	162
***KØPK**	**A**	**733,503**	**881**	**417**
*WØETT	"	445,839	766	353
*KØAD	"	219,976	545	248
*KØAV	"	171,580	326	230
*WYØB	"	160,550	446	247
*WØPC	"	142,747	369	209
*ACØDS	"	120,540	384	205
*N1WQ/Ø	"	100,440	311	186
*WØRAA	"	99,009	351	193
*ADØH	"	91,584	314	192
*ABØRX	"	91,429	271	169
*NØAT	"	89,075	383	175
*ABØS	"	75,614	257	154
*KØHW	"	68,850	248	162
*WØEB	"	57,815	219	155
*KSØM	"	52,744	211	152
*W9LHG/Ø	"	48,511	244	139
*KØMPH	"	45,072	223	144
*KØLDS	"	43,550	200	134
*WØFL	"	25,300	123	100
*NO2D/Ø	"	20,196	140	102
*ACØW	"	17,820	117	99
*WØUY	"	16,632	104	88
*NGØK	"	15,570	135	90
*K6XT/Ø	"	12,638	91	71
*KØYR	"	10,164	82	66
*KØWHV	"	8,568	106	72
*W6GMT/Ø	"	6,767	87	67
*WNØG	"	4,488	60	51
*WØPSS	"	980	31	28
*WAØIAF	"	858	28	26
***W3FAF/Ø**	**14**	**216,000**	**429**	**300**
*KØIO	"	143,673	312	249
*NØGOS	"	59,995	252	169
*KEØL	"	27,963	175	117
*KØRY	"	13,066	107	94
*KØUK	"	713	22	23
***KEØUI**	**7**	**67,624**	**207**	**158**

Alaska

KL8DX	**A**	**293,926**	**392**	**281**
AL1G	"	94,696	284	152

Bermuda

***VE3DZ/VP9**	**A**	**6,053,388**	**2526**	**758**

Canada

VO1HE	**A**	**308,736**	**359**	**256**
VO1MP	**7**	**366,744**	**293**	**236**
VY2TT	**A**	**9,117,264**	**2984**	**912**
			(OP: K6LA)	
VE1DT	"	2,286,350	1208	550
VE1MC	"	882,038	692	382
***VA1MM**	**A**	**796,302**	**645**	**369**
*VY2SS	"	359,425	448	275
*VE1NB	"	73,416	131	114
***VE1AYY**	**14**	**63,550**	**197**	**155**
VC2M	"	5,972,543	2213	787
			(OP: VE2TZT)	
VE2FK	"	1,293,862	893	431
VE2DWA	**3.5**	**23,506**	**73**	**73**
			(OP: LU7DW)	
***VE2XAA**	**A**	**1,629,725**	**1084**	**475**
*VA2SG	"	823,732	726	364
*VE2LX	"	88,040	205	155
*VE2FFE	"	17,225	78	65
*VE2GLA	"	32	4	4
***VE2FWW**	**14**	**536,739**	**491**	**427**
*VE2FU	"	149,396	281	221
VB3E	**A**	**8,005,536**	**2801**	**912**
			(OP: VE3AT)	
VE3EJ	**A**	**7,906,965**	**2734**	**865**
VE3JM	"	6,704,370	2361	837
VE3CR	"	1,226,708	841	454
VA3OBR	"	229,596	334	228
VE3EBN	"	23,940	102	90
VE3MA	**14**	**252,840**	**416**	**280**
VE3CX	**7**	**270,320**	**293**	**218**
***VE3KF**	**A**	**1,476,312**	**1078**	**449**
*VE3NE	"	720,525	643	325
*VE3GSI	"	443,410	521	319
*VE3OWW	"	374,573	485	281
*K2NV/VE3	"	353,304	423	252
*VE3FH	"	269,762	385	229
*VE3TW	"	245,250	358	225
*VE3OBU	"	51,408	125	108
*VA3HUN	"	49,491	176	117
*VA3EC	"	48,403	104	97
*VE3RCN	"	41,976	135	106
*VE3KI	"	12,120	60	60
*VA3PL	"	629	18	17
***VA3RJ**	**21**	**12,070**	**77**	**71**
***VE3FJ**	**14**	**92,456**	**221**	**182**
*VE3VO	"	4,257	45	43
*VE3XAT	"	1,298	23	22
***VE3IAE**	**7**	**532,304**	**392**	**304**
***VE3MGY**	**1.8**	**30,459**	**119**	**71**
*VE3OSZ	"	21,540	103	60
VE4EAR	**A**	**28,017**	**114**	**99**
***VE4YU**	**A**	**129,456**	**293**	**186**
VE5ZX	**14**	**434,520**	**554**	**360**
VE6EPK	**A**	**219,072**	**355**	**224**
***VE6CNU**	**A**	**818,900**	**831**	**380**
VA7ST	**A**	**1,636,752**	**1152**	**488**
VE7XF	**A**	**1,605,240**	**1053**	**490**
VA7DM	"	243,243	410	189
VE7FE	"	52,662	155	134
***VA7RN**	**A**	**376,740**	**474**	**276**
*VA7KOJ	"	361,855	497	247
*VA7ND	"	194,220	359	234
			(OP: VE7ALN)	
*VE7JKZ	"	64,560	179	120
VY1EI	**"**	**197,730**	**421**	**234**

Cayman Islands

ZF2AM	**A**	**10,019,490**	**3028**	**897**
			(OP: K6AM)	

Cuba

***CO6CAC**	**3.5**	**48,316**	**136**	**94**

Dominican Republic

***HI5/EA4ATI**	**7**	**77,280**	**210**	**140**

Grenada

***J39BS**	**A**	**1,560,406**	**976**	**458**

Guadeloupe

***FG1PP**	**A**	**18,486**	**81**	**78**

Honduras

***HQ9R**	**7**	**1,125,740**	**668**	**385**
			(OP: WQ7R)	

Martinique

FM5BH	**3.5**	**197,100**	**216**	**180**

Mexico

XE1MM	**A**	**1,144,635**	**1058**	**411**
XE2WWW	**14**	**241,976**	**524**	**232**
XE2S	**7**	**998,324**	**681**	**332**
***XE2MX**	**A**	**159,315**	**250**	**195**
***XE1CT**	**14**	**492,548**	**683**	**343**

Nicaragua

***H7/K9GY**	**A**	**3,624,580**	**1881**	**635**
*H7A	"	508,032	521	294

Panama

HP1WW	**A**	**4,498,508**	**1710**	**694**

Puerto Rico

***WP3C**	**A**	**4,044,752**	**1695**	**688**
*KP4GC	"	92,415	192	183

AFRICA

Algeria

7XØRY	**3.5**	**1,701,260**	**718**	**407**
			(OP: OK1DF)	

Ascension Island

***ZD8RH**	**21**	**339,001**	**402**	**293**
			(OP: G4DBW)	

Canary Islands

EA8MQ	**A**	**2,325,872**	**1105**	**503**
***EA8AG**	**A**	**4,356**	**45**	**44**
***EA8BVP**	**21**	**8,262**	**55**	**54**
***EF8DA**	**14**	**472,995**	**472**	**345**
***EA8NQ**	**7**	**202,125**	**198**	**175**

Cape Verde

D4C	**A**	**12,694,731**	**3477**	**973**
			(OP: LY2CY)	

Djibouti

***J28OO**	**A**	**73,080**	**178**	**145**
			(OP: T95A)	

Madagascar

5R8UO	**A**	**83,083**	**184**	**143**

Madeira Islands

CT3KN	**A**	**9,162,456**	**2632**	**867**
CS9L	"	2,461,104	1041	486
			(OP: DL8WAA)	
CT3BD	"	27,720	100	88

Senegal

***6W1SE**	**28**	**49,796**	**144**	**118**

South Africa

***ZSØHQ**	**A**	**1,507,736**	**877**	**458**
			(OP: ZS6AA)	
*ZS6C	"	35,392	126	112
*ZS6/HA3LN	"	70	6	5
***ZS6CCW**	**21**	**101,179**	**195**	**181**

Tunisia

***3V8SS**	**3.5**	**959,812**	**502**	**332**
			(OP: Z33F)	

ASIA

Asiatic Russia

UA9CDC	**A**	**8,048,263**	**2936**	**821**
RG9A	**"**	**7,156,404**	**2753**	**804**
			(OP: UA9AM)	
UA9CDV	"	5,709,432	2422	699
RX9WR	"	5,659,896	2427	726
RU9CK	"	5,290,447	2350	701
UA9PC	"	3,144,711	1719	591
RV9SV	"	2,893,650	1707	573
RT9S	"	2,338,202	1421	541
			(OP: UA9SP)	
UA9CMQ	"	1,651,090	1113	458
UA9FGJ	"	1,206,816	822	416
RK9CZO	"	925,956	855	356
			(OP: UA9CTT)	
RK9CR	"	711,892	724	323
RA9KM	"	669,484	697	383
RV9XM	"	536,085	555	297
RO9O	"	526,812	618	286
			(OP: RZ9OO)	
RA9UN	"	352,350	547	270
RW9WA	"	132,210	269	195
RU9UC	"	113,238	189	162
RX9TL	"	66,732	164	134
RA9SAS	"	66,276	198	126
RA9ST	"	62,565	189	129
RV9LM	"	35,174	96	86
RK9AD	"	14,352	74	69
UA9JFA	"	1,972	30	29
RZ9YF	**28**	**41,552**	**149**	**112**
UA9SAW	"	12,231	59	81
RV9JE	**14**	**627,328**	**580**	**416**
RX9LW	"	111,320	236	184
UA9FM	"	11,407	65	61
RX9FM	**7**	**834,504**	**477**	**327**
***RK9AJZ**	**A**	**2,734,313**	**1533**	**557**
***RA9AP**	**A**	**2,530,268**	**1400**	**494**
*RX9AF	"	1,860,496	1160	484
*RL9AA	"	1,737,420	1199	460
*UA9TF	"	1,169,100	904	433
*UA9XF	"	839,787	711	353
*UA9WIK	"	697,533	660	321
*RA9AE	"	665,812	652	301
*RW9UOB	"	505,827	619	333
*UA9AGX	"	485,784	491	312
*UA9AX	"	396,240	434	312
*RZ9OJ	"	386,640	566	270
*RX9DJ	"	382,000	506	250
*RX9WN	"	353,119	423	299
*RA9SN	"	331,779	422	259
*R35NP	"	288,694	337	238
			(OP: RW1AI)	
*UA9MD	"	241,964	395	251
*RZ9HG	"	207,138	344	237
*RV9UF	"	206,016	394	222
*UA9QQ	"	200,838	332	179
*RU9WZ	"	196,015	286	197
*RA9AAA	"	187,188	312	228
*UA9OLO	"	107,568	231	162
*UA9AL	"	65,559	190	123
*RW9DX	"	53,223	152	113
*UA9FEG	"	39,550	141	113
*RK9AXX	"	19,764	98	81
			(OP: RV9AZ)	
*RU9CX	"	16,259	83	71
***UA9AB**	**28**	**124,678**	**264**	**193**
*RX9FB	"	123,750	198	225
*RA9MX	"	24,459	126	93
*UA9DD	"	15,048	80	72
***UA9AFS**	**21**	**344,955**	**430**	**305**
*UA9CAX	"	111,860	229	188
*UA9WQK	"	56,994	148	138
***RA9JR**	**14**	**1,620,680**	**1025**	**620**
*RA9XU	"	706,580	666	412
*RA9XF	"	550,137	581	357
*UA9XS	"	324,976	418	304
*UA9KW	"	287,152	387	274
*UA9JJG	"	106,020	218	186
*UA9KB	"	93,126	194	187
*RA9AFZ	"	42,126	140	119
*RW9SZ	"	41,168	134	124
*RW9RW	"	27,876	111	101
*RK9UAC	"	15,200	91	76
***UA9TZ**	**7**	**710,040**	**437**	**305**
*UA9LAO	"	293,132	284	203
*RK9AX	"	230,325	248	185
*UA9SCX	"	194,876	222	172
*RA9FEU	"	48,894	103	87
***UA9SLX**	**1.8**	**1,410**	**18**	**15**
RAØAA	**A**	**671,536**	**696**	**376**
UAØZAM	"	438,310	558	265
UAØDC	"	363,944	536	268
UAØACG	"	234,530	407	235
UAØFDX	"	225,968	440	232
UAØFAI	"	194,892	397	218
UAØUV	"	50,386	197	122
RAØAM	**28**	**5,406**	**55**	**51**
RAØALM	"	3,913	48	43
RKØUT	**14**	**1,900,899**	**1219**	**633**
RXØQA	"	531,620	601	380
RUØUQ	"	244,750	448	275
RWØBG	"	24,308	127	103
UAØBA	"	2,418	30	31
***UAØOD**	**A**	**311,017**	**496**	**283**
*UAØCNX	"	271,208	661	232
*UAØABB	"	115,473	236	183
*RWØAA	"	48,279	157	121
*UAØSR	"	33,152	130	112
*UAØSBQ	"	24,276	101	84
***RNØCW**	**28**	**12,922**	**176**	**71**
*RNØSA	"	1,482	26	26
***RAØQC**	**14**	**700,557**	**694**	**429**
*UAØAZ	"	322,424	408	328
*UAØIDZ	"	257,599	353	313
*RXØAW	"	194,274	325	251
*RKØUN	"	99,981	250	189
*RWØUM	"	28,137	134	113
*RWØAR	"	7,102	54	53
*RUØAT	"	1,426	24	23
***UAØSDX**	**7**	**67,404**	**187**	**123**
*RAØAY	"	18,760	62	56

Azerbaijan

***4K8M**	**28**	**2,211**	**28**	**33**

China

BA7IO	**A**	**507,346**	**756**	**334**
***BD5WW**	**A**	**688,530**	**813**	**389**
*BD4IBW/4	"	147,259	385	193
*BA6QD	"	130,720	328	172
*BD6IVX	"	76,526	264	166
*BD4SI	"	66,411	196	157
*BG4LQA	"	40,500	188	108
*BD1FBV	"	36,057	156	119
*BD1AQH	"	22,560	105	96
***BD4IXA**	**14**	**43,890**	**229**	**133**
*BD4SP	"	7,434	68	63

Cyprus

C4I	**A**	**7,496,750**	**2566**	**785**
			(OP: LZ2HM)	
C4N	**28**	**1,643,187**	**1177**	**507**
			(OP: 5B8AD)	
***C4Z**	**A**	**188,325**	**302**	**225**

Georgia

4LØA	**A**	**11,213,664**	**3462**	**888**
			(OP: UU4JMG)	
4L6X	"	1,322,175	995	425
***4L2M**	**14**	**573,786**	**561**	**381**

Hong Kong

***VR2PX**	**14**	**316,204**	**459**	**322**

India

VU2PTT	**A**	**1,229,436**	**931**	**481**
***VU2UR**	**14**	**16,849**	**87**	**83**
*VU3DJQ	"	1,144	22	22

Israel

4Z5ML	**A**	**71,994**	**182**	**142**
4XØA	**28**	**61,056**	**173**	**128**
***4X6UU**	**28**	**1,426**	**24**	**23**

Japan

JA1JKG	**A**	**925,200**	**713**	**400**
JA1HP	"	138,224	346	212
JO1SIM	"	97,580	291	164
JA1FRQ	"	33,725	111	95
JH1APK	"	32,487	109	91
JF1AZQ	"	18,031	93	73
7J1ABD	"	1,125	33	25
JN1RQV	"	120	6	6
JF1SQC	**14**	**1,417,360**	**992**	**560**
JI1ALP	"	13,770	103	81
JK1LUY	"	45	5	5
7J1AAI	**7**	**906,670**	**582**	**355**
			(OP: W1NN)	
JA1KVT	**3.5**	**6,020**	**46**	**35**
***JI1RXQ**	**A**	**941,600**	**739**	**400**
*JA1CP	"	118,080	297	164
*JH1SWD	"	81,740	194	134
*JE1REU	"	68,832	170	144
*JH1DJD	"	55,709	175	113
*JA1IE	"	52,192	189	112
*JE1NVD	"	34,986	157	98
*JA1XPU	"	25,830	133	82
*JA1PTO	"	22,518	122	81
*JA1CPZ	"	21,660	100	95
*JP1SRG	"	19,890	80	65
*JF1HJX	"	19,425	95	75
*7K1EQG	"	18,012	110	76
*JA1HG	"	16,897	86	61
*JJ1WWL/1	"	9,499	74	59
*JA1OHP	"	9,065	65	49
*JL1CNY	"	5,904	53	48
*JK1NSR	"	4,830	62	46
*JA1ANG	"	4,650	32	30
*JI1UDD	"	2,610	33	29
*JN1BBO	"	133	7	7
***JA1AAT**	**28**	**1,081**	**24**	**23**
***JA1CTB**	**21**	**53,703**	**172**	**153**
*JJ1GQH	"	5,029	48	47
*JL7FBV/1	"	36	7	6
*JI1LAI	"	1	1	1
***JP1QDH**	**14**	**302,728**	**404**	**316**
*JA1BPA	"	39,680	154	124
*JH1FNU	"	4,896	49	48
*JE1JAC	"	1,960	31	28
*JN1HYU	"	558	19	18
*JO1WIZ	"	480	20	20
***JE1SPY**	**1.8**	**528**	**22**	**16**
*JM1NKT	"	378	21	14
JA2XYO	**A**	**442,819**	**460**	**299**
JH2FXK	"	312,260	402	260
JA2AXB	"	117,768	245	168
JA2DHF	"	60,129	189	131
JF2FIU	"	36,234	159	99
JQ2EHD	"	2,190	41	30
JA2PAC	"	2,130	32	30
7N2TRM	"	1,992	24	24
***JH2NWP**	**A**	**679,899**	**627**	**363**
*JA2KVB	"	526,348	614	362
*JE2UFF	"	134,640	241	180
*JA2KCY	"	25,010	118	82
*JA2KKA	"	17,408	84	64
***JG2KKG**	**14**	**717,481**	**703**	**433**
JR3NZC	**A**	**693,036**	**620**	**372**
JN3SAC	"	219,555	288	205
JA3AVO	"	75,268	197	124
JA3YBK	**21**	**644,787**	**699**	**429**
			(OP: JS1PWV)	
JA3DAY	**14**	**50,370**	**152**	**138**
***JA3JM**	**A**	**185,523**	**380**	**213**
*JH3PTC	"	81,396	237	133
*JA3TVQ	"	4,760	49	34
*JA3EOE	"	3,277	39	29
***JL3MCM**	**28**	**21,546**	**84**	**133**
***JF3BFS**	**21**	**157,412**	**351**	**236**
*JI3OGI	"	1	1	1
***JF3IYW**	**14**	**63,917**	**202**	**161**
*JA3UWB	"	6,758	78	62
*JL3RDC	"	1,305	25	45
*JR3GVH	"	1,107	29	27
JH4UYB	**A**	**4,478,694**	**1937**	**726**
JE4JPQ	"	88,176	190	132
JM4WUZ	**3.5**	**1,260**	**24**	**20**
***7N4QCQ**	**A**	**37,673**	**125**	**101**
*JA4AQR	"	37,408	129	112
*JH1GUO/4	"	25,680	116	80
*JI4JGD	"	10,962	65	54
*7N4CPT	"	660	18	15
***JR4GPA**	**14**	**186,293**	**320**	**241**
***JR4URW**	**7**	**11,501**	**60**	**53**
JA5FBZ	**A**	**3,003**	**47**	**39**
JA5APU	**14**	**221,564**	**399**	**287**
***JG5DHX/5**	**A**	**25,926**	**111**	**87**
JA6BWH	**A**	**152,663**	**271**	**193**
JA6BZI	"	110,050	238	155
JA6WIF	**28**	**201,933**	**442**	**243**
***JH6QFJ**	**A**	**498,420**	**570**	**351**
*JH6OPP	"	397,110	536	305
*JA6DIJ	"	350,464	474	296
*JA6CYL/6	"	146,575	330	205
*JA6FFK	"	74,524	182	124
*JA6SRB	"	23,115	74	67
***JL6IPK**	**7**	**16,100**	**85**	**70**
JA7DLE	**A**	**1,613,022**	**1110**	**498**
JA7BME	"	829,370	645	394
JH7XMO	"	752,595	768	393
JA7IC	"	690,372	697	381
JA7COI	"	361,785	531	267
JA7ZP	"	5,772	46	37
JA7AKH	**14**	**337,032**	**484**	**302**
***JG7PSJ**	**21**	**11,524**	**78**	**67**
***JK8JIC**	**14**	**5,671**	**63**	**53**
JA9CWJ	**14**	**63,000**	**154**	**150**
JAØFVU	**21**	**14,924**	**102**	**82**
***JHØNEC**	**A**	**614,704**	**621**	**373**
***JRØEQQ**	**21**	**18,810**	**113**	**90**
*JFØESV/Ø	"	1,248	39	32
***JHØEPI**	**14**	**41,363**	**160**	**133**
*JRØBUL	"	2,520	41	36
***JEØIBO**	**7**	**1,365**	**21**	**21**

Kazakhstan

UPØL	**A**	**6,723,222**	**2643**	**759**
			(OP: UN9LW)	
UP4L	"	4,901,589	2209	693
			(OP: UN7LZ)	
UN7PL	"	1,894,326	1285	483
UN2E	"	390,976	515	298
UN5J	"	65,830	185	145
UN7QF	"	49,104	168	132
UN4L	**3.5**	**924,749**	**527**	**323**
***UP6P**	**A**	**2,945,152**	**1725**	**608**
			(OP: UN6P)	
*UN9L	"	1,393,344	1062	492
*UN7EX	"	136,269	304	189
*UQ7ØF	"	118,408	313	164
			(OP: UN8FM)	
*UN8PT	"	101,598	247	177
*UN8GA	"	23,184	112	84
*UN6G	"	16,036	85	76
*UN7TW	"	7,448	50	49
*UNØC	"	3,480	34	30
***UN6LN**	**28**	**191,177**	**329**	**217**
*UN9GD	"	127,360	277	199
***UN4PG**	**21**	**419,664**	**524**	**336**
***UO7ØF**	**14**	**294,520**	**424**	**296**
*UN4PD	"	206,000	327	250
***UP8A**	**3.5**	**74,360**	**129**	**104**
*UN7CN	"	45,056	109	88
*UN5C	"	27,302	89	73

Kyrgyzstan

***EX2X**	**A**	**1,091,574**	**985**	**447**
*EX2A	"	143,632	322	191

Laos

***XW1B**	**21**	**129,744**	**319**	**212**
***XW1A**	**14**	**1,401,744**	**1063**	**551**

Saudi Arabia

***7Z1HL**	**A**	**46,740**	**136**	**123**

South Korea

HL2AEJ	**A**	**1,904,850**	**1284**	**510**
HL2FDW	"	222,360	523	218
DS5DNO	"	78,118	274	139
HL5JCB	"	44,528	257	121
***DS5KJR**	**A**	**177,281**	**509**	**169**
*HL5YI	"	17,940	125	78

Sri Lanka

***4S7NI**	**14**	**1**	**1**	**1**

Taiwan

***BU2AI**	**A**	**297,920**	**573**	**266**
*BV4VR	"	21,120	106	96

Tajikistan

***EY8DQ**	**21**	**26,695**	**103**	**95**
***EY8BW**	**14**	**23,183**	**100**	**97**

Thailand

HSØAC	**A**	**506,100**	**661**	**350**
			(OP: OZ1HET)	
***HSØZEE**	**A**	**56,892**	**171**	**132**
***E2ØYLM**	**21**	**4,230**	**46**	**45**
*E21YDP	"	1,767	32	31

Turkey

TC37F	**28**	**1,511,048**	**1170**	**484**
			(OP: LZ4ZP)	
***TA3BN**	**A**	**12,383**	**67**	**61**
***TA2RC**	**1.8**	**258,480**	**249**	**180**

UK Bases on Cyprus

ZC4LI	**14**	**4,352,124**	**2043**	**789**

Vietnam

XV9DT	**A**	**365,568**	**592**	**272**

West Malaysia

9M2CNC	**A**	**2,566,500**	**1513**	**580**
			(OP: G4ZFE)	
***9M1CSP**	**A**	**403,788**	**565**	**308**

EUROPE

Aland Islands

OGØR	**A**	**967,200**	**1145**	**496**
			(OP: OH2TA)	
OHØJ	**28**	**1,093,840**	**1771**	**565**
			(OP: OH1RX)	

Austria

OE5CWL/6	**A**	**2,032,107**	**1850**	**627**
OE2ØØ8P	"	527,613	763	397
			(OP: OE8SPW)	
OE2BZL	"	284,406	497	321
OE6HZG	"	234,900	424	270
OE9SLH	"	42,560	191	152
OE2ØØ8S	**14**	**3,003,762**	**2006**	**849**
			(OP: OE2VEL)	
OE3DSA	**7**	**1,523,500**	**983**	**550**
***OE3BCA**	**A**	**746,998**	**999**	**466**
*OE2ØØ8GOA	"	358,092	694	348

Azores

***CU3ØAA**	**A**	**778,960**	**819**	**428**
			(OP: CU3AA)	

Balearic Islands

***EA6ZS**	**A**	**70,445**	**273**	**193**
***EA6SK**	**14**	**2,420**	**47**	**44**

Belarus

EV2A	**A**	**3,062,496**	**2403**	**736**
			(OP: EW2AA)	
EU1AZ	"	2,694,300	2202	700
EW8KY	"	521,626	694	371
EW8DX	"	426,756	764	366
EU3AR	**28**	**336,700**	**854**	**370**
EU1DX	**14**	**1,251,160**	**1149**	**620**
EW7LO	**7**	**1,713,978**	**1102**	**549**
EW3LN	"	780,006	678	426
EW2DN	**3.5**	**30,858**	**130**	**111**
***EW8CY**	**A**	**659,008**	**1040**	**448**
*EU4CQ	"	385,506	644	354
*EW6AF	"	335,960	752	370
*EW6EW	"	291,824	628	368
*EU6AA	"	253,680	578	302
*EV6M	"	233,280	464	288
*EW1KT	"	13,959	114	99
*EW6GL	"	6,439	56	47
***EW1CQ**	**28**	**118,221**	**428**	**251**
*EU1DZ/6	"	2,736	49	48
***EW6MM**	**14**	**57,905**	**227**	**185**
EW2EG	"	5,016	72	66

Belgium

ON4KEP	**A**	**40,896**	**193**	**144**
OQ5M	**28**	**287,280**	**613**	**399**
			(OP: ON5ZO)	
OQ5A	"	72,007	305	191
OP4K	**14**	**1,507,737**	**1327**	**671**
***ON4CT**	**A**	**477,171**	**720**	**387**
*OP1A	"	216,090	478	294
*ON5JT	"	92,412	278	204
*OO9O	"	64,600	274	200
*OQ4B	"	29,040	163	132
			(OP: ON4BHQ)	
*ON4ERM	"	1,225	41	35
***OR2A**	**28**	**104,481**	**397**	**247**
			(OP: ON7YX)	
*ON5WL	"	28,457	184	143
***ON4CAS**	**7**	**166,254**	**282**	**229**
*ON3ND	"	72,252	202	162
***ON5JD**	**1.8**	**2,520**	**37**	**36**

Bosnia-Herzegovina

E77AA	**28**	**1,093,968**	**1562**	**568**
E76AQ	**21**	**1,235,292**	**1269**	**622**
			(OP: T96Q)	
***E72WG**	**A**	**107,168**	**285**	**197**
*E77AR	"	82,344	291	188
***T97G**	**28**	**454,399**	**943**	**409**
***E73FDE**	**14**	**230,180**	**493**	**340**
***E77DO**	**7**	**610,944**	**580**	**384**
***T99Z**	**1.8**	**107,724**	**285**	**191**

Bulgaria

LZ2JR	**A**	**740,586**	**888**	**462**
LZ1ZF	"	581,640	1165	444
LZ1AQ	"	487,634	682	427
LZ3GA	"	15,664	99	88
LZ2SX	"	14,256	98	88
LZ1GL	**14**	**1,392,840**	**1461**	**636**
LZ1QN	"	61,347	207	169
LZ1YQ	**3.5**	**24,800**	**113**	**100**
LZ2ZG	**1.8**	**4,002**	**14**	**138**
***LZØ8KM**	**A**	**1,681,728**	**1534**	**608**
			(OP: LZ3YY)	
*LZ1IKY	"	508,032	698	392
*LZ1JZ	"	412,074	669	351
*LZ1ONK	"	61,752	199	166
*LZ1SDR	"	48,438	145	117
*LZ1WJ	"	34,452	143	116
***LZ1DQ**	**28**	**74,483**	**301**	**211**
*LZ3PZ	"	45,318	245	182
*LZ2FM	"	1,036	30	28
***LZ5XQ**	**14**	**1,007,424**	**1181**	**594**
*LZ6W	"	639,431	815	487
			(OP: LZ4UX)	
*LZ1FH	"	108,521	370	259
***LZ2PS**	**7**	**659,645**	**621**	**401**
*LZ1DNY	"	538,752	529	366

Crete

SV9COL	**A**	**11,388**	**93**	**78**

Croatia

9A5W	**A**	**6,486,588**	**2938**	**918**
9A1UN	"	4,130,272	2403	766
9A4W	**28**	**814,215**	**1296**	**527**
9A5Y	**21**	**1,959,930**	**1596**	**765**
			(OP: 9A3NM)	
9A/VE3ZIK	**14**	**1,665,528**	**1550**	**696**
9A7R	"	96	8	8
9A7D	**7**	**3,054,744**	**1422**	**693**
			(OP: 9A2SD)	
9A5D	"	1,432,386	1021	527
			(OP: 9A5DU)	
9A3MA	"	608,685	572	385
9A1CMA	"	494,672	484	344
			(OP: 9A5TO)	
9A6A	**3.5**	**832,480**	**807**	**430**
***9AØ8P**	**A**	**778,092**	**979**	**471**
			(OP: 9A2JK)	
*9A5ANB	"	401,793	442	371
*9A4BA	"	237,636	488	287
*9A3KS	"	211,736	338	266
*9A6C	"	54,768	210	163
*9A8A	"	16,284	110	92
*9A3TU	"	12,246	83	78
*9A/HA2VR	"	3,318	50	42
***9A3VM**	**28**	**296,534**	**745**	**359**
***9A4U**	**7**	**126,278**	**264**	**206**
			(OP: 9A4MF)	
***9A2EY**	**3.5**	**84,875**	**224**	**175**

Czech Republic

OK4RQ	**A**	**5,464,565**	**2625**	**901**
OL1M	"	1,805,640	1547	615
			(OP: OK1EW)	
OL4M	"	969,280	1296	466
OK1AYY	"	658,007	899	427
OK1FRO	"	509,166	768	378
OK5XX	"	361,335	597	327
OK2VX	"	175,360	395	256
OK2ABU	**28**	**74,214**	**289**	**217**
OK2KOJ	**14**	**250,257**	**449**	**357**
			(OP: OK2OP)	
OK5R	**7**	**5,222,912**	**1845**	**808**
			(OP: OK1RI)	
OL4W	**3.5**	**1,317,801**	**1066**	**509**
			(OP: OK1IF)	
OK3R	**"**	**1,309,645**	**1033**	**515**
			(OP: OK1DVM)	
***OL6P**	**A**	**2,627,660**	**1887**	**685**
			(OP: OK2WTM)	
*OK1HX	"	1,438,110	1364	570
*OK2QX	"	1,308,150	1306	570
*OK1JOC	"	1,261,932	1199	543
*OK2MBP	"	1,108,992	1287	512
*OK6Y	"	1,035,612	1153	516
			(OP: OK2PTZ)	
*OK4N	"	950,937	1140	481
*OK2BUT	"	613,500	825	409
*OK1HEH	"	597,370	874	410
*OK2EC	"	537,156	634	387
*OK7MT	"	438,504	559	363
*OK6AY	"	433,314	607	362
*OK1FCA	"	400,982	736	379
*OK5OK	"	321,356	527	322
*OK2KFK	"	299,815	544	305
			(OP: OK2ABU)	
*OK2SGW	"	279,818	527	322
*OK1DKR	"	264,172	492	313
*OK2BND	"	263,360	541	320
*OK1AXB	"	256,908	539	316
*OK2PQS	"	234,992	487	304
*OK1MKU	"	206,896	363	268
*OK2PBG	"	147,168	375	252
*OK2CSU	"	124,341	284	217
*OK2SWD	"	96,976	296	232
*OK1FMG	"	80,784	262	198
*OK2SAR	"	77,420	198	158
*OK2AJ	"	34,800	175	145
*OK1TFH	"	24,156	147	132
*OK1MNV	"	23,540	131	110
*OK1SI	"	5,264	64	56
***OK7U**	**28**	**152,583**	**462**	**281**
			(OP: OK1HDU)	
*OLØA	"	82,432	298	224
			(OP: OK1CZ)	
*OK1KI	"	11,656	110	94
*OK1ARO	"	9,968	97	89
*OK1KZ	"	3,900	64	60
***OL9M**	**14**	**143,630**	**322**	**271**
			(OP: OK1MMN)	
*OK2BJL	"	104,353	305	241
*OK1DRX	"	53,044	202	178
*OK5SWL	"	4,788	58	57
			(OP: OK2SWD)	
***OK1DKZ**	**7**	**958,167**	**774**	**469**
*OK1UG	"	770,828	661	428
***OK2BYW**	**3.5**	**487,890**	**641**	**351**
***OK1JOK**	**1.8**	**51,183**	**186**	**141**

Denmark

5P7Y	**A**	**760,207**	**940**	**487**
			(OP: OZ7AM)	
OZ8SW	"	172,710	556	285
OZ2TF	"	88,944	328	204
OZ7RQ	**14**	**685,872**	**856**	**528**
***OV3X**	**A**	**1,279,786**	**1327**	**577**
			(OP: OZ8AE)	
*OZ5UR	"	320,595	600	319
*OZ6TL	"	72,036	253	174
*OZ1DGQ	"	14,250	116	95
***OZ4RT**	**28**	**68,115**	**241**	**239**
***OZ7YL**	**3.5**	**39,432**	**150**	**124**

England

G5W	**A**	**5,378,235**	**2916**	**835**
G3TXF	"	3,968,986	2667	817
G3XTT	"	1,986,160	1538	610
G4KFT	"	496,530	714	405
G4HZV	"	219,744	454	288
G9A	"	214,312	534	301
			(OP: G4RCG)	
GØORH	**28**	**130,448**	**475**	**263**
M4T	**7**	**555,530**	**564**	**365**
			(OP: GØVQR)	
M1A	**3.5**	**1,271,592**	**969**	**504**
			(OP: MØBBB)	
***G4GOY**	**A**	**755,328**	**987**	**448**
*G4WGE	"	424,697	689	359
*G4DDX	"	320,355	588	339
*G3RSD	"	247,878	438	282
*GØMTN	"	246,796	485	284
*G3JJZ	"	92,288	290	224
*G3MPB	"	81,550	219	175
*2EØRYB	"	61,347	242	169
*G4RHR	"	60,900	230	174
*G6NUM	"	52,140	224	165
*G6CSY	"	37,310	174	130
*MØRTI	"	23,377	107	97
*G2HDR	"	7,568	101	86
*G3VQO	"	7,474	89	74
*GØMRH	"	2,070	47	45
***G3WW**	**28**	**192,600**	**554**	**321**
*G4ZOB	"	87,314	256	293
*G3ZRJ	"	64,902	154	373
***GXØSAC**	**21**	**156**	**12**	**12**
			(OP: G4WGE)	
***G4EHT**	**1.8**	**1,350**	**28**	**25**

Estonia

***ES4MM**	**28**	**162,144**	**480**	**288**
***ES5DB**	**14**	**66,880**	**234**	**190**

European Russia

RL3A	**A**	**6,173,244**	**3125**	**924**
			(OP: RV3BA)	
RM3F	"	5,204,916	3031	887
			(OP: UA3DPX)	
RW6HX	"	3,964,992	2312	856
RA3CM	"	3,918,696	2642	804
RS3A	"	3,500,576	2469	787
			(OP: RA3CW)	
UA4FER	"	3,343,515	2367	735
UA4WKW	"	3,126,528	2369	768
RT3T	"	2,827,762	2198	742
			(OP: UA3TU)	
RD4WA	"	2,537,511	2056	709
RU3UR	"	2,491,432	1953	703
RW4PL	"	2,343,099	1858	703
UA3MIF	"	1,918,008	1483	612
RU6FA	"	1,835,935	1744	613
RA1AGL	"	1,657,560	1479	570
RW6AN	"	1,078,500	1204	500
RZ3TZL	"	871,416	997	494
			(OP: RA3TLA)	
RA3BB	"	598,122	913	423
UA3QCB	"	596,265	861	381
RK6CM	"	575,890	712	433
RV1CC	"	550,184	699	388
RW3LX	"	468,872	784	376
UA4SAW	"	348,480	682	352
RA3AUM	"	274,820	535	302
UA3DAM	"	272,935	537	323
RA3TT	"	255,125	496	325
RV6YB	"	230,982	511	274
RL3AB	"	214,760	507	295
RU6YJ	"	150,147	396	249
RG3K	"	113,848	287	214
RV6ASU	"	104,715	224	179
UA4CCG	"	100,694	293	199
UA4SU	"	93,051	313	211
RA4LBS	"	63,123	232	159
UA3DUJ	"	50,103	238	171
RW6AMP	"	38,225	193	139
RA3NC	"	26,790	137	114
RZ3DA	"	8,052	72	66
UA3AMZ	"	1,550	31	31
UA4CC	**28**	**125,125**	**308**	**275**
UA6AK	"	52,089	277	179
RA3SS	"	6,039	65	61
UA3DEE	**21**	**218,316**	**497**	**322**
RZ6HF	**14**	**441,160**	**710**	**410**
RW6CF	**7**	**984,786**	**761**	**473**
UA3DPM	"	731,580	588	411
RL3AF	"	270,396	441	261
RD3AP	"	78,370	199	170
RX4HZ	**3.5**	**487,305**	**588**	**357**
RA6EE	"	59,041	179	151
***RW4FO**	**A**	**2,486,435**	**1971**	**665**
***RV6LFE**	**A**	**1,489,250**	**1416**	**575**
*RV3QX	"	1,292,994	1451	522
*RZ4AG	"	1,288,925	1248	545
*RV3FI	"	1,240,778	1293	539
*RX3ZX	"	1,132,231	1238	499
*RA3MR	"	1,056,768	1203	516
*UA3ABJ	"	944,424	1184	468
*RN3QP	"	874,920	1284	460
*UA1CEC	"	818,505	1122	423
*RN3DBA	"	799,722	990	462
*RV3ZN	"	764,757	1021	427
*RK3IM	"	764,618	843	443
*RN4SS	"	754,853	1079	421
*UA3LID	"	732,060	894	415
*RZ6BU	"	699,130	951	463
*UA3DGG	"	519,788	751	398
*RD3BE	"	491,206	703	449
*UA1CE	"	466,455	641	363
*UA4LA	"	459,472	688	376
*RU4WD	"	426,710	679	355
*UA3AKI	"	409,500	683	364
*RA3BQ	"	405,232	644	344
*UA6YH	"	401,968	628	388
*RA6MQ	"	356,406	523	311
*UA6GM	"	340,680	533	334
*RN3ZKD	"	315,354	578	311
*UA4ALI	"	309,700	596	326
*RA6GW	"	285,855	395	295
*RW3TA	"	277,120	584	320
*RV3WT	"	273,844	565	307
*RA1QN	"	270,600	530	300
*UA3DKN	"	257,984	541	278
*UA9KJ/6	"	256,168	528	284
*RV3QO	"	242,703	528	303
*UA6HFI	"	236,451	488	269
*RX4WX	"	225,990	477	310
*RA6DT	"	221,288	450	278
*RW4AD	"	211,515	479	239
*U3DI	"	201,840	361	290
*RX3MM	"	200,540	486	271
*UA3RW	"	200,119	450	293
*RW4CLF	"	187,200	389	288
*RW6AHO	"	186,264	442	234
*RV3MR	"	186,138	442	243
*RZ6AK	"	185,856	461	264
*RV4LC	"	166,391	367	227
*RK3AQW	"	158,249	439	259
*RN4CA	"	143,856	391	243
*RU6HJ	"	143,565	373	255
*UA4AAC	"	118,720	331	224
*RU3MW	"	110,568	330	204
*RU3XY	"	104,976	317	216
*RU4CS	"	100,340	197	173
*RA1OK	"	98,654	306	214
*UA3DSS	"	89,694	275	198
*RK6AQM	"	85,470	229	185
*RU4PU	"	82,585	285	199
*RN4NF	"	70,956	198	162
*RA4SE	"	62,250	241	150
*RV3AQN	"	59,280	250	190
*UA3UHZ	"	57,462	222	157
*RX3AGQ	"	56,112	198	168
*RV3MI	"	49,296	214	158
*UA3YAA	"	45,537	158	129
*UA4FUW	"	45,300	197	151
*UA6FQ	"	44,980	146	130
*RW3WX	"	41,374	193	151
*RZ1OK	"	41,344	151	128
*RV3BZ/3	"	34,524	172	126
*RK4PB	"	31,236	158	114
*RA6FUZ	"	29,580	139	116
*RW3DY	"	25,764	146	113
*RN3ZC	"	22,454	134	103
*RW3RM	"	18,275	96	85
*UA4PAY	"	17,024	90	76
*RL3FO	"	16,390	124	110
*UA6AGK	"	15,980	76	68
*RA3MB	"	14,168	110	92
*UA6HCA	"	13,120	89	80
*RA3VR	"	11,340	102	90
*RA6AAW	"	8,084	67	47
*RA4ACX	"	7,062	69	66
*RN3AAB	"	6,174	67	63
*RW4NN	"	5,050	62	50
*RZ3ATG	"	3,572	52	47
*RK6ATQ	"	1,764	26	21
*RX6AOB	"	1,533	24	21
*RU4LM	"	48	4	3
***UA3QG**	**28**	**260,192**	**601**	**346**
*RX6AH	"	217,792	548	328
*RW4FE	"	104,864	302	226
*RV3LO	"	91,440	307	254
*RZ3DXR	"	69,580	247	196
			(OP: UN7JID)	
*UA1OMS	"	18,511	124	107
*RU3WR	"	15,402	113	102
*RW3VZ	"	10,028	94	92
*RA6YJ	"	1,248	29	32
*RN4AM	"	891	29	27
***UA4LW**	**21**	**107,939**	**291**	**247**
***UA3AO**	**14**	**489,958**	**769**	**443**
***RU3VD**	**14**	**483,960**	**553**	**444**
*RU3SE	"	346,400	600	400
*UA4AGO	"	307,461	566	363
*RW6AH	"	294,904	530	382
*RA3UAG	"	272,520	510	360
*UA3DCW	"	216,720	410	360
*RX3DBG	"	176,988	390	301
*RN4HA	"	148,050	375	282
*RV4AS	"	127,224	334	248
*RA3RN	"	94,688	238	269
*RA6MS	"	90,346	300	227
*UA3XAG	"	36,424	164	157
***UA6BFE**	**7**	**269,824**	**346**	**272**
*RW6MN	"	241,300	318	254
*RW3DA	"	228,464	356	262
*UA6LCN	"	170,640	268	216
*RW4HBG	"	74,866	210	166
*UA1ORL	"	22,172	106	92
***RA4HO**	**3.5**	**37,030**	**140**	**115**
*UA4FEN	"	7,320	62	60
***RZ3AUL**	**1.8**	**14,857**	**95**	**83**
*RA3ZC	"	13,035	89	79

Faroe Islands

***OY4M**	**A**	**29,646**	**170**	**122**

Finland

OH8A	**A**	**3,658,128**	**2387**	**816**
			(OP: OH8LQ)	
OF3F	"	1,635,075	1418	585
			(OP: OH3WW)	
OH3OJ	"	970,176	1447	489
OH2VZ	"	194,509	436	259
OH3FM	"	149,464	414	238
OH5KW	"	103,554	260	198
OH5NE	"	99,064	292	203
OH1BOI	"	42,432	179	156
OH6KZP	**21**	**147,150**	**472**	**270**
OH2BAH	**14**	**161,750**	**389**	**250**
OG6A	**7**	**3,375,540**	**1525**	**705**
			(OP: OH6QU)	
OH3RF	**3.5**	**90,950**	**215**	**170**
OH4A	**1.8**	**236,174**	**415**	**263**
			(OP: OH6LI)	
OG9W	"	222,819	411	257
			(OP: OH2BCI)	
***OH8GZN**	**A**	**95,800**	**293**	**200**
*OH5YU	"	89,280	257	186
*OH3DP	"	68,160	225	192
*OH1ZE	"	24,024	114	88
*OH4U	"	221	13	13
			(OP: OH3RM)	
***OH2FS**	**28**	**11,375**	**99**	**91**
***OH3RM**	**14**	**10,043**	**103**	**83**
***OH6RC**	**3.5**	**19,158**	**97**	**93**

France

F6BEE	**A**	**5,170,431**	**2417**	**833**
F/G4BJM	"	570,357	785	381
F5NCU	"	541,416	831	408
F/DJ7JC	"	107,604	315	244
F6GQO	"	94,560	299	197
F5RDS	"	71,820	272	180
F6CXJ	"	18,334	123	103
F5NBX	**28**	**73,800**	**344**	**200**
TM7XX	**14**	**4,008,056**	**2258**	**884**
			(OP: F5MUX)	
F8CIL	"	336,072	631	402
TM5Y	**3.5**	**1,983,366**	**1137**	**567**
			(OP: F8DBF)	
***F5SGI**	**A**	**301,875**	**509**	**345**
*F5NQL	"	273,280	472	305
*F5AQB	"	257,540	531	316
*F5VV	"	253,368	475	306
*F5PBM	"	148,176	421	252
*F5NBK	"	115,056	279	204
*F5PAL	"	102,225	322	235
*F5LCU	"	96,915	273	213
*F1TIM	"	37,120	196	145
*F5OTZ	"	36,000	178	144
*F8EBY	"	18,042	109	93
*F6DZD	"	16,055	122	95
*F8DGF	"	15,582	134	106
*F8DHA	"	8,568	65	63
*F3WT	"	1,782	27	27
*F4CUI	"	510	17	17
***F5TMJ**	**28**	**19,096**	**140**	**124**
***F5JY**	**21**	**37,490**	**181**	**163**
***F2AI**	**14**	**64**	**9**	**8**

Germany

DL3YM	**A**	**5,935,334**	**2693**	**874**
DL5YYM	**A**	**3,021,388**	**2110**	**758**
DJ1YFK	"	2,806,083	1960	707
DK3GI	"	2,623,104	1730	704
DL5SE	"	2,428,920	1915	702
DL8WEM	"	1,864,720	1687	652
DQ5A	"	1,830,997	1438	623
			(OP: DL8SCG)	
DL5YM	"	1,750,296	1575	626
DLØDL	"	1,724,250	1586	605
DL5JS	"	1,529,136	1338	592
DJ6OZ	"	1,100,898	1157	522
DK8EY	"	968,610	1063	498
DM3ML	"	907,972	986	494
DL4ME	"	804,159	1003	449
DL1VDL	"	575,520	696	436
DL7DZ	"	552,680	780	410
DL5SVB	"	402,567	648	363
DJ4KW	"	398,737	713	373
DR2P	"	367,224	496	321
DL2AA	"	359,242	672	337
DL2DX	"	272,850	565	321
DK7AN	"	262,548	501	306
DJ5QV	"	258,540	509	278
DL8YR	"	257,912	537	313
DJ2RG	"	209,066	411	286
DL2NBY	"	201,960	506	297
DL1YFF	"	194,856	397	276
DJ7EC	"	169,372	481	263
DR8M	"	129,250	314	235
			(OP: DK3YD)	
DL2CC	"	116,688	278	204
DJ6QT	"	96,136	273	197
DL6DVU	"	91,225	289	205
DL8WX	"	53,856	168	96
DJ2SL	"	45,408	155	132
DL9GTI	"	15,486	110	89
DM3VL	"	6,188	73	68
DF5AU	"	1,330	22	19
DP3D	**28**	**260,183**	**665**	**341**
			(OP: DK3KD)	
DF1IAQ	**14**	**845,262**	**837**	**594**
DK2FG	"	726,902	790	517
DAØI	"	497,760	677	408
			(OP: DK1II)	
DJØUD	**7**	**523,399**	**663**	**379**
DJ2YE	"	178,800	327	240
DF2UU	**1.8**	**127,972**	**331**	**214**
***DL1EFD**	**A**	**1,939,800**	**1698**	**636**
***DD5M**	**A**	**1,684,256**	**1582**	**584**
			(OP: DJØZY)	
***DK5DQ**	**"**	**1,548,323**	**1435**	**593**
*DL5KUD	"	1,220,035	1162	515
*DL7UMK	"	1,033,062	1196	501
*DJ8EW	"	935,527	1091	487
*DF7GG	"	896,535	862	435
*DFØCI	"	890,145	1099	453
			(OP: DL8AKI)	
*DL4FN	"	857,921	1144	461
*DL4SDW	"	690,580	745	430
*DL1ARJ	"	659,680	891	434
*DM5ØKWF	"	593,280	883	384
*DL1MAJ	"	549,240	702	398
*DL3EBX	"	549,054	845	423
*DL8UKE	"	500,148	823	396
*DL5CD	"	479,682	789	378
*DL8LBK	"	439,450	876	374
*DL3ZAI	"	329,997	619	347
*DM5Z	"	305,836	606	314
			(OP: DM5JBN)	
*DL3KWR	"	294,450	537	302
*DJ8UV	"	278,720	527	335
*DO2ML	"	276,555	561	309
*DL1RTS	"	267,810	509	339
*DL3KVR	"	253,648	554	332

*DL5SWB	"	155,790	496	270
*DK1LRS	"	147,224	421	239
*DL8UFO	"	144,384	402	256
*DH6BH	"	139,624	359	248
*DH9SB	"	138,960	340	240
*DJ5CL	"	128,935	342	241
*DM4D	"	117,648	313	228
			(OP: DL1BUG)	
*DL1THB	"	116,130	381	237
*DL4JYT	"	113,669	285	197
*DLØKB	"	113,373	313	221
			(OP: DL2GBB)	
*DG4YGW	"	110,808	318	216
*DF2PH	"	98,343	291	223
*DL1SAN	"	94,200	303	200
*DA3T	"	82,460	259	190
*DL5ASK	"	81,928	262	196
*DH2URF	"	77,805	210	195
*DL2AXM	"	76,154	299	202
*DLØSP	"	69,452	247	194
			(OP: DL2JKE)	
*DL7FA	"	63,603	249	191
*DF3HD	"	59,346	254	189
*DJ6UP	"	48,888	223	168
*DL6RBH	"	47,173	195	161
*DJ9SO	"	45,687	231	157
*DL1VJL	"	42,228	132	108
*DL6DCD	"	38,280	193	145
*DL8UVG	"	27,600	156	120
*DL1DQW	"	26,894	145	119
*DK3PM	"	23,482	147	118
*DL6UAM	"	22,790	128	106
*DL2MEP	"	19,795	115	107
*DL8HCO	"	19,032	130	104
*DK8RE	"	18,974	121	106
*DL4KCA	"	18,083	121	107
*DL7VRG	"	17,201	115	103
*DL2HWI	"	16,758	123	98
*DJ2IA	"	16,198	107	91
*DL2AL	"	10,336	88	76
*DL8EAQ	"	10,140	85	78
*DL9KWW	"	9,960	100	83
*DG1RZH	"	9,016	98	92
*DJ3WE	"	7,018	62	58
*DK7OM	"	6,916	85	76
*DJ2SX	"	6,528	80	68
*DL3JRA	"	3,888	58	54
*DF5BM	"	2,520	53	45
*DL5LWM	"	2,320	44	40
*DL2AWB	"	2,013	36	33
*DJ1HF	"	1,092	33	28
*DJ3EF	"	481	15	13
***DL9ZP**	**28**	**297,208**	**657**	**388**
***DL7BY**	**28**	**208,658**	**534**	**323**
*DL2RUG	"	60,152	266	206
*DK5ZX	"	41,796	212	172
*DO4DXA	"	19,592	151	124
*DK2BJ	"	15,444	121	108
*DL1SBF	"	14,484	119	102
*DH3RB	"	12,177	114	99
*DK9PZ	"	1,890	48	42
*DL9AWI	"	780	28	26
*DL2MIH	"	744	25	24
***DL9NEI**	**21**	**27,860**	**169**	**140**
*DO1AYJ	"	12,896	110	104
***DL9LM**	**14**	**413,808**	**632**	**444**
*DD1IM	"	368,809	538	413
*DL5YL	"	183,520	429	310
*DM2RN	"	23,712	127	114
***DL1CW**	**7**	**253,275**	**454**	**275**
*DL3BRA	"	139,009	294	221
*DL5RDO	"	7,398	59	54
***DJ6BQ**	**3.5**	**797,525**	**820**	**437**
*DL6KWN	"	208,206	403	258
*DL9CW	"	60,684	196	156

Greece

SV1DPI	**A**	**235,320**	**522**	**318**
SX1L	**7**	**2,187,584**	**1262**	**608**
			(OP: SV2FWV)	
SV3RF	**1.8**	**5,664**	**53**	**48**
***SV3AWG**	**A**	**218,868**	**468**	**276**
*SV1JFT	"	211,120	393	290
*J48IS	"	83,276	297	191
			(OP: DF3IS)	
***SV1BJW**	**14**	**833,175**	**1037**	**529**

Hungary

HA3OV	**A**	**7,200,532**	**3281**	**941**
HG8R	"	3,497,520	2183	767
			(OP: HA8JV)	
HA7LW	"	780,357	1043	467
HA3OD	"	686,510	666	395
HAØMM	"	292,752	465	321
HA9PP	"	192,642	408	331
HA5JI	"	173,124	340	229
HA7GN	"	119,978	338	251
HA8ØØNAR	**21**	**1,246,050**	**1282**	**639**
			(OP: HAØNAR)	
HA8TI	**14**	**249,568**	**507**	**352**
HG8K	**7**	**1,395,135**	**898**	**515**
			(OP: HA8GY)	
HA3NU	**3.5**	**405,153**	**539**	**327**
***HG6L**	**A**	**1,915,934**	**1669**	**629**
*HA2MN	"	967,669	1040	487
*HA5LZ	"	861,645	953	465
*HA7SBQ	"	823,996	1063	452
*HG5Y	"	750,804	896	444
*HA2ESM	"	444,960	604	360
*HA6KNX	"	403,556	656	433
			(OP: HA6NW)	
*HA1AR	"	319,338	534	339
*HA3OU	"	276,315	471	327
*HA1VE	"	253,398	621	314
*HG8C	"	139,442	330	226
			(OP: HA8EK)	
*HA2EQD	"	122,590	253	205
*HAØØ7PL	"	9,782	79	73
***HA8TP**	**28**	**260,354**	**628**	**349**
*HA8LLK	"	247,212	681	327
***HG4F**	**14**	**1,446,530**	**1299**	**635**
***HA3MU**	**7**	**662,532**	**622**	**403**
***HA6FQ**	**3.5**	**480,342**	**608**	**359**
*HG6V	"	350,920	548	310
			(OP: HA6IAM)	
*HA4FV	"	40,440	169	120
***HA8BE**	**1.8**	**184,730**	**373**	**245**

ITU HQ Geneva

***4U1ITU**	**14**	**116,246**	**370**	**263**
			(OP: NV1P)	

Iceland

TF3CW	**14**	**322,077**	**512**	**313**
***TF3GB**	**A**	**320,862**	**498**	**318**
*TF3DC	"	40,500	156	135

Ireland

***EI7CC**	**28**	**26,680**	**169**	**145**
***EI4CF**	**21**	**62,916**	**205**	**196**

Isle of Man

MDØCCE	**A**	**4,377,024**	**2516**	**816**

Italy

IR4X	**A**	**7,565,058**	**3160**	**974**
			(OP: IZ3EYZ)	
IK2AOO	"	774,450	817	450
IK3OII	"	122,332	313	257
IZ1GJK	"	7,938	68	63
IU3X	**21**	**1,555,410**	**1432**	**695**
			(OP: IV3SKB)	
IO3P	**14**	**3,162,835**	**1906**	**845**
			(OP: IV3NVN)	
IO3N	"	936,320	1072	532
			(OP: IV3RLB)	
IW1GGN	"	3	1	1
IO3J	**7**	**2,233,153**	**1264**	**607**
			(OP: IV3ZXQ)	
IZ1GAR	"	1,891,642	1098	599
IN3WDJ	"	941,850	834	450
IK2SND	**3.5**	**685,110**	**719**	**410**
IKØYVV	"	393,484	504	322
***I2WIJ**	**A**	**3,478,860**	**2105**	**770**
*I6FDJ	"	425,516	761	364
*IZ3DBA	"	362,548	685	389
*IØZUT	"	272,454	445	273
*IN3FHE	"	272,376	496	312
*IK7SBU	"	253,776	599	311
*IK2CFD	"	195,840	395	306
*I1EIS	"	153,768	356	258
*IK2NUX	"	143,228	328	244
*IZ1HIV	"	115,444	295	196
*IK8SEU	"	103,362	296	214
*IK8YJQ	"	101,760	300	212
*IK2AIT	"	100,190	310	215
*IZ3DVU	"	75,361	216	187
*IV3ARJ	"	71,944	262	184
*IKØXBX	"	60,532	180	148
*IK2AHB	"	55,556	230	172
*IK2CZQ	"	52,974	193	162
*IK7FMQ	"	52,392	217	177
*IV3KSE	"	46,965	196	155
*IZ1DXS	"	36,421	136	121
*IZ1GLX	"	29,960	179	140
*IK5FKF	"	19,158	130	103
*IK2IKW	"	16,766	112	101
*IV3DYS	"	15,974	112	98
*IQ3ME	"	10,164	104	77
*IZ2FME	"	8,624	92	77
*IW1QLH	"	6,018	53	51
*IV3XZG	"	132	12	12
***IQ3UD**	**28**	**132,519**	**425**	**271**
			(OP: IW3SQY)	
*IZ8BGY	"	8,181	99	81
*IZ7CDB	"	5,888	81	64
*IZ3NVR	"	600	26	24
***IWØGXY**	**21**	**224,114**	**473**	**334**
***IK6MNB**	**14**	**778,499**	**954**	**541**
*IQ2CU	"	69,112	246	212
			(OP: IN3OWY)	
*IZ2GMT	"	465	15	15
***IV3LZQ**	**7**	**304,225**	**411**	**283**
***IV3AZV**	**3.5**	**72,611**	**233**	**161**
*I4JEE	"	264	12	12

Jersey

MJØLON	**A**	**3,173,353**	**2465**	**743**

Kaliningrad

RW2F	**28**	**788,794**	**1345**	**521**
			(OP: UA2FB)	
R2MWO	**14**	**113,208**	**288**	**212**
***RA2FAC**	**A**	**106,488**	**335**	**216**
*UA2FX	"	64,848	273	193
***UA2FL**	**28**	**370,946**	**874**	**386**

Latvia

YL6W	**A**	**4,533,714**	**2774**	**846**
			(OP: YL2GD)	
YL8M	"	2,055,685	1805	685
			(OP: YL2KL)	
YL2KO	"	4,179,174	2601	834
YL9T	"	1,577,602	1700	611
			(OP: YL2TW)	
YL5T	"	641,512	843	424
YL2BJ	**14**	**468,846**	**749**	**427**
YL3FT	**3.5**	**861,108**	**809**	**438**
YL5W	"	259,618	426	271
YL2SM	**1.8**	**212,267**	**402**	**253**
***YL5M**	**A**	**1,259,500**	**1450**	**500**
			(OP: YL2UZ)	
*YL2CV	"	1,231,072	1376	527
*YL2TB	"	1,013,509	1077	469
*YL2ØØ8EOC	"	139,054	439	251
			(OP: YL2PN)	
*YL2KF	"	14,304	114	96
*YL2IP	"	13,860	94	77
***YL2PP**	**28**	**131,024**	**367**	**304**
*YL2TD	"	68,854	307	199
*YL1XW	"	3,024	49	42
			(OP: YL2GN)	
***YL2CR**	**21**	**35,697**	**188**	**163**
*YL2IS	"	5,850	79	75
***YL3DX**	**7**	**323,840**	**398**	**320**
***YL3FW**	**3.5**	**33,292**	**142**	**116**
***YL2II**	**1.8**	**7,920**	**67**	**60**

Lithuania

LY9A	**A**	**5,024,558**	**2924**	**869**
LY2MM	"	2,189,180	1916	665
LY2XW	"	1,805,496	1675	616
LY4CW	"	1,317,861	1458	543
LY1CT	"	957,852	960	441
LY4T	"	797,258	1151	434
LY2VA	"	763,680	1132	430
LY3CY	"	50,240	207	160
LY2NK	"	34,584	165	131
LY8O	**14**	**3,350,384**	**2104**	**856**
LY999X	**7**	**1,182,555**	**974**	**495**
			(OP: LY3X)	
LY2IJ	**1.8**	**277,590**	**467**	**285**
***LY6ØØW**	**A**	**1,453,940**	**1695**	**556**
			(OP: LY5W)	
*LY2TS	"	1,062,864	1114	528
*LY1BX	"	490,924	772	394
*LY2OO	"	377,777	695	337
*LY2OM	"	361,460	607	341
*LY2DV	"	316,217	587	323
*LY2CO	"	256,464	493	312
*LY2LF	"	201,954	559	291
***LY2T**	**28**	**379,857**	**924**	**381**
***LY3ID**	**21**	**162,486**	**440**	**306**
***LY2X**	**14**	**162,150**	**406**	**282**
***LY3CW**	**3.5**	**456,435**	**602**	**345**
*LY4G	"	179,489	357	239
***LY2OU**	**1.8**	**79,296**	**234**	**177**

Luxembourg

LX4A	**28**	**112,728**	**389**	**244**
LX1NO	**21**	**43,560**	**221**	**165**
LX9EG	**14**	**30,820**	**164**	**134**
***LX1ER**	**A**	**26,214**	**114**	**102**

Macedonia

***Z36W**	**A**	**272,484**	**542**	**324**
*Z35G	"	1,248	34	32

Market Reef

OJØB	**A**	**4,755,475**	**3283**	**853**
			(OP: OH2PM)	

Moldova

ER5WU	**A**	**1,156,117**	**1347**	**541**
***ER1RR**	**21**	**128,525**	**378**	**265**
***ER1WK**	**14**	**159,315**	**410**	**285**
***ER3DX**	**7**	**1,428,973**	**991**	**533**
***ER7C**	**3.5**	**193,060**	**363**	**245**
			(OP: ER5AA)	
***ER2RM**	**1.8**	**53,340**	**184**	**140**

Montenegro

4O3A	**A**	**7,207,746**	**3150**	**921**
4O7A	**28**	**9,006**	**97**	**79**
***4O3Z**	**A**	**198,276**	**425**	**246**
***4O4A**	**3.5**	**886,224**	**877**	**444**

Netherlands

PA3AAV	**A**	**1,767,318**	**1620**	**609**
PAØLOU	"	821,280	1101	480
PAØJNH	"	675,364	800	436
PA3GVI	"	577,665	863	389
PAØLSK	"	132,070	383	235
PA2MRT	"	123,510	344	230
PA2ALF	"	109,510	344	233
PA3CVI	"	101,270	289	205
PG3N	"	64,356	229	173
PA3EVY	"	8,120	64	56
PAØJED	**28**	**5,920**	**80**	**74**
PAØQX	**21**	**6,642**	**89**	**82**
***PG7V**	**A**	**1,647,354**	**1825**	**593**
*PA3ARM	"	800,040	995	472
*PA2W	"	323,050	618	355
*PA7RA	"	234,000	512	300
*PA1WFB	"	229,360	578	305
*PA4NIC	"	190,404	400	246
*PD7BZ	"	187,110	423	297
*PA3DBS	"	150,858	438	261
*PAØABM	"	147,900	385	255
*PA2PCH	"	101,910	322	237
*PI4WLD	"	88,828	296	212
			(OP: PAØMIR)	
*PD2JAM	"	76,154	274	202
*PAØFAW	"	69,948	254	174
*PA3HGF	"	60,060	230	182
*PA3CDN	"	50,840	222	164
*PA5KT	"	46,230	140	115
*PAØWLB	"	42,658	197	154
*PE2HD	"	40,015	201	151
*PAØWKI	"	38,016	184	132
*PA5TT	"	36,567	201	153
*PA5VK	"	15,582	123	106
*PAØTCA	"	14,760	98	90
*PA3AQL	"	12,528	101	87
*PAØADP	"	12,450	93	83
*PAØFLE	"	8,181	87	81
*PAØFEI	"	7,956	79	68
*PA3EWG	"	2,538	53	47
*PI4GAC	"	1,935	46	45
*PA8TWN	"	1,428	34	34
***PA1CC**	**28**	**210,540**	**588**	**330**
*PAØRRS	"	24,570	159	135
*PA5V	"	9,135	97	87
***PA3CLQ**	**14**	**1,188**	**38**	**36**
*PE1MMZ	"	315	15	15
***PAØMIR**	**3.5**	**113,883**	**240**	**203**
*PA143ITU	"	63,640	203	148
			(OP: PG2AA)	
*PI4AAG	"	16,791	95	87
			(OP: PA3BNT)	

Norway

LN8W	**A**	**4,281,768**	**2766**	**774**
			(OP: LA7MFA)	
LA9TJA	"	21,122	165	118
LA2AB	**7**	**1,587,745**	**993**	**515**
			(OP: SP2ASJ)	
LN9Z	**1.8**	**212,848**	**404**	**251**
			(OP: LA9HW)	
***LA3S**	**A**	**1,512,576**	**1614**	**576**
			(OP: LA3BO)	
*LA9DK	"	138,852	381	266
*LA8OM	"	97,273	383	239
*LA1YE	"	33,120	165	138
*LA8TIA	"	221	17	17

Poland

SQ4MP	**A**	**1,686,810**	**1700**	**590**
SN5G	"	1,086,984	1263	487
			(OP: SP5JTF)	
SP3GTS	"	1,033,758	1006	454
SP5EOT	"	782,485	998	451
SP2HPM	"	161,696	425	248
SP2GWH	"	116,532	306	234
SO8A	"	112,710	304	221
SP6IEQ	"	45,864	144	117
SP9FWQ	"	24,240	135	120
SP8HXN	"	19,665	112	95
SP5ELA/8	"	3,588	55	46
SP2FOV	**28**	**181,804**	**520**	**301**
SP5GH	"	25,296	141	136
SN5N	**21**	**427,278**	**783**	**426**
			(OP: SP5KP)	
SN8R	"	365,040	683	390
			(OP: SP8ONZ)	
SP3GXH	"	128,118	323	262
SP2MHC	"	396	18	18
SN3X	**14**	**3,470,412**	**2042**	**862**
			(OP: SP3SLA)	
SP9RI	"	175,134	404	303
SP4TKR	**7**	**2,042,586**	**1147**	**602**
SP3LPG	"	695,800	689	392
SP2FAP	"	532,385	581	371
SN8C	"	5,450	55	50
			(OP: SP8HZZ)	
SN3A	**3.5**	**1,310,220**	**1030**	**502**
			(OP: DJØIF)	
SO4M	"	157,842	322	222
			(OP: SP4DEU)	
SP9DLY	"	143,220	282	220
SN7Q	**1.8**	**339,542**	**519**	**307**
			(OP: SP7GIQ)	
SP6A	"	181,536	371	244
SP7LI	"	8,385	72	65
SN2K	"	7,316	63	59
			(OP: SP2FWC)	
***SP4JCQ**	**A**	**2,145,955**	**1821**	**665**
***SP1AEN**	**A**	**1,276,548**	**1352**	**546**
*SP5XO	"	449,304	782	386
*SQ5M	"	428,146	639	361
*SP3PSM	"	376,805	624	341
*SP3J	"	368,650	681	365
*SP8AJK	"	325,944	556	324
*SP8KEA	"	230,040	407	270
*SP9CV	"	219,936	500	316
*3Z8Z	"	196,968	398	283
			(OP: SP8AJC)	
*SP5CGN	"	191,620	416	268
*SP3DOF	"	183,400	448	280
*SP3HC	"	168,500	465	250
*SP2UKB	"	158,470	373	265
*SP7FBQ	"	124,816	330	232
*SP5GTI	"	123,360	341	257
*SP4DZT	"	123,327	240	213
*SP3IOE	"	106,640	311	215
*SP4OIC	"	93,060	315	220
*SP2GMA	"	85,671	213	167
*SP9IBJ	"	82,287	289	223
*SQ9IWT	"	80,940	269	190
*SN6A	"	79,600	270	200
*SQ1EUG	"	72,044	228	166
*SP2IKP	"	66,600	236	185
*SN1A	"	57,378	180	146
			(OP: SP1EG)	
*SP9MZH	"	33,117	176	133
*SQ9BDN	"	30,492	157	132
*SP4BOS	"	26,912	146	116
*SQ8LEC	"	20,449	159	121
*SN9N	"	19,292	122	106
*SN9U	"	17,808	140	112
			(OP: SP9UMJ)	
*SP6BEN	"	15,762	79	74
*SP9IHP	"	13,260	78	65
*SN9K	"	9,072	81	72
			(OP: SP9MDY)	
*SP7MFR	"	7,729	69	59
*SP6GNJ	"	1,920	37	32
*SP6EKS	"	858	27	26
***SP2AVE**	**28**	**260,130**	**670**	**345**
*SP9FT	"	81,524	326	229
*SP9FZC	"	76,146	291	222
*SP8LZC	"	51,766	261	181
*SP3LWP	"	11,070	118	90
*SP3AZO	"	3,008	49	47
***SN3Q**	**21**	**22,770**	**129**	**115**
			(OP: SP3FLQ)	
***SP3FYX**	**14**	**364,344**	**641**	**376**
*SN3C	"	357,105	554	399
			(OP: SP3ASN)	
*SP9GKM	"	103,615	311	265
*SP2EPV	"	22,072	128	124
*SP4AAZ	"	16,478	117	107
*SP1BLE	"	11,236	121	106
***SP5CNA**	**7**	**971,736**	**808**	**456**
***SN7O**	**7**	**937,300**	**780**	**455**
			(OP: SP7IVO)	
*SP6OJE	"	909,580	796	445
*SN2I	"	793,956	729	436
*SP3VT	"	409,590	521	333
*SQ2RDX	"	212,976	393	261
*SO1RON	"	108,780	236	196
*SP3CCT	"	16,548	101	84
*SP6IHE	"	7,790	38	41
***SP7DCS**	**3.5**	**285,532**	**474**	**289**
***SP9BNM**	**3.5**	**271,397**	**469**	**283**
*SP3DIK	"	170,646	304	238
*SP9DUX	"	133,945	315	215
*SP3CYY	"	39,990	150	129
*SP8TJU	"	36,663	135	121
***SN3ØJ**	**1.8**	**86,760**	**250**	**180**
			(OP: SP5JXK)	

Portugal

CS2T	**A**	**1,196,576**	**946**	**488**
			(OP: CT1ILT)	
CT1JLZ	**14**	**4,132,771**	**2410**	**881**
			(OP: OK1RF)	
***CT1ENQ**	**A**	**124,320**	**336**	**222**
***CT1AGF**	**14**	**102**	**7**	**6**

Romania

YR7M	**A**	**6,955,416**	**3363**	**936**
			(OP: YO3JR)	
YO7BGA	"	584,870	845	409
YO2GL	"	226,051	438	301
YO3FF	"	164,994	362	257
YO5CUQ	"	110,916	307	234
YO3JW	"	2,812	40	38
YO8RIJ	**28**	**21,390**	**159**	**115**
YO5BBO	**21**	**212,878**	**527**	**326**
YO7LGI	**7**	**265,856**	**346**	**268**
***YR8V**	**A**	**1,118,853**	**1326**	**513**
			(OP: YO8CT)	
***YO3APJ**	**A**	**1,034,155**	**1082**	**535**
*YO7FB	"	649,300	870	430
*YO9OC	"	520,320	774	384
*YO4KCC	"	345,654	721	346
*YO9CWY	"	340,784	701	304
*YO3BWK	"	257,428	477	278
*YO6CFB	"	254,881	540	319
*YO8RFS	"	209,336	461	274
*YO5DAS	"	192,896	425	274
*YO9SW	"	190,608	427	264
*YO2MAX	"	172,380	368	255
*YO3CVG	"	159,390	334	253
*YO7NW	"	139,908	390	262
*YO5OAW	"	134,865	377	243
*YO2QY	"	110,200	257	190
*YO8AZQ	"	100,440	301	216
*YO9IF	"	39,900	188	150
*YO9KPE	"	12,201	94	83
			(OP: YO9GVN)	
*YO9FYP	"	11,256	109	84
*YO2ARV	"	6,912	59	54
*YO9HG	"	3,519	55	51
*YO4FTC	"	2,756	56	52
*YO7LYM	"	651	31	31
*YO7LTQ	"	580	31	29
***YR8B**	**21**	**540,882**	**872**	**453**
***YO4AB**	**14**	**634,970**	**878**	**470**
*YO6ØØBC	"	485,163	832	459
			(OP: YO8AXP)	
*YO4BEX	"	46,750	210	170
*YO4DIJ	"	31,455	157	135
***YO5IR**	**7**	**360,449**	**431**	**311**
***YR5O**	**3.5**	**426,218**	**587**	**338**
			(OP: YO5BRZ)	
*YO5AIR	"	97,713	244	189
*YO9AGI	"	49,280	179	140

Sardinia

***ISØOMH**	**A**	**139,920**	**321**	**220**

Scotland

GM7V	**A**	**3,739,824**	**2977**	**792**
			(OP: GM3WOJ)	
GM4SID	"	652,103	918	431
GM5CX	"	244,948	401	293
GM4FAM	**3.5**	**994,335**	**809**	**453**
***GMØNBM**	**A**	**313,308**	**600**	**324**
*MMØYEC	"	100,062	329	218
*MM3T	"	45,408	235	176
			(OP: GMØELP)	

Serbia

YU1LA	**A**	**4,482,240**	**2547**	**812**
YT3M	"	4,308,864	2496	784
YT2AA	"	1,146,054	1061	546
YTØZ	**21**	**1,269,188**	**1322**	**628**
			(OP: YU1ZZ)	
YT1T	"	437,675	776	427
YT8A	**14**	**2,967,165**	**1881**	**837**
YT5G	"	731,912	928	479
YU5GM	"	394,335	688	381
YT4T	**3.5**	**968,400**	**898**	**450**
YU1KT	"	439,890	589	341
YT6T	**1.8**	**212,420**	**411**	**260**
			(OP: YU7CM)	
***YU8A**	**A**	**2,829,069**	**2133**	**711**
*YT6M	"	695,982	1086	438
*YT1TA	"	249,480	462	270
*YT2U	"	100,200	263	200
*YT3T	"	75,808	257	184
*YU7FN	"	75,254	246	197
*YU8/LZ1BJ	"	13,728	97	88
*YT2PFR	"	8,352	84	72
*YT1HA	"	1,248	32	32
***YU1YV**	**28**	**68,136**	**289**	**204**
***YU7EE**	**21**	**787,776**	**1020**	**528**
***YU1ED**	**14**	**184,224**	**390**	**304**
*YU7KM	"	169,860	370	285
*YT7T	"	169,290	452	285
*YU1ADO	"	9,831	120	113
***YUØU**	**7**	**913,248**	**757**	**432**
*YU7YZ	"	223,782	315	247
***YUØA**	**3.5**	**154,560**	**322**	**224**
*YU7D	"	45,666	167	129
			(OP: YU7DP)	
***YT1YV**	**1.8**	**3,608**	**43**	**41**

Sicily

IUØS	**28**	**1,009,766**	**1374**	**578**
			(OP: IT9BLB)	
IT9ZAU	**14**	**35,802**	**224**	**162**
***IT9ESW**	**A**	**28,800**	**146**	**128**
***IT9ORA**	**21**	**21,505**	**134**	**115**

Slovakia

OM3BH	**A**	**7,224,768**	**3181**	**904**
OM7CW	"	4,515,447	2528	789
OM3OM	"	1,760,880	1508	580
OM3IAG	"	918,093	1063	473
OM7PY	"	227,304	507	308
***OM7AG**	**A**	**789,192**	**1084**	**452**
*OM3R	"	592,044	793	412
			(OP: OM3CFR)	
*OM2AK	"	327,408	701	359
*OM3PQ	"	255,408	609	313
*OM6AL	"	250,584	537	318
*OM1AF	"	231,176	485	284
*OM4DA	"	194,487	430	269
*OM5UM	"	173,448	429	264
*OM3BA	"	51,510	209	170
*OM7AT	"	28,767	159	129
*OM1TD	"	3,735	48	45
***OM2AW**	**28**	**11,583**	**119**	**99**
***OM4EA**	**14**	**314,420**	**575**	**398**
*OM3TB	"	224,037	452	341
***OM3CDN**	**7**	**168,266**	**304**	**238**
*OM7YC	"	100,570	209	178
***OM8HG**	**3.5**	**1,222**	**26**	**26**
***OM5FA**	**1.8**	**41,844**	**161**	**132**
*OM7RX	"	1	1	1

Slovenia

S5ØA	**A**	**6,717,006**	**2855**	**918**
S53MM	"	4,553,405	2448	815
S59ABC	"	3,855,135	2257	785
			(OP: S51DS)	
S52OP	"	3,476,160	2292	720
S53EO	"	2,344,896	1903	708
S54K	"	2,186,426	1773	638
			(OP: S51NZ)	
S54O	"	630,154	860	437
S57S	**28**	**627,840**	**1011**

*S57WJ	"	228,734	418	281
*S55Z	"	227,145	424	285
*S58WW	"	202,584	448	276
*S58RU	"	119,615	353	235
*S53AU	"	119,364	283	203
*S57T	"	111,600	326	225
*S59T	"	165	12	11
*S53DIJ	"	130	10	10
*S59EIJ	"	120	10	10
*S52T	"	64	8	8
***S5ØDX**	**28**	**851**	**26**	**23**
***S51W**	**14**	**1,169,512**	**1161**	**568**
*S57U	"	906,750	995	558
***S54A**	**7**	**1,591,557**	**995**	**561**
***S51DX**	**1.8**	**127,233**	**317**	**201**
Spain				
EA1JO	**A**	**375,950**	**634**	**365**
EA1FBU	"	79,386	274	202
***EC1AIJ**	**A**	**136,566**	**288**	**243**
*EA1VM	"	17,955	110	95
***EA2NA**	**A**	**15,974**	**126**	**98**
*EA2CTB	"	11,880	103	90
EF3A	**A**	**2,027,676**	**1781**	**606**
			(OP: EA3KU)	
EA3CEC	"	27,178	141	127
***EB3CML**	**7**	**1,300**	**26**	**26**
EA4TX	**A**	**23,520**	**204**	**112**
***EA4CJI**	**A**	**113,016**	**308**	**204**
*EA4ANA	"	26,712	128	106
*EA4OA	"	22,022	116	91
*EA4BGM	"	15,394	102	86
***EA4BF**	**14**	**119,610**	**332**	**270**
*EA4AYD	"	46,000	144	125
*EA4CWN	"	34,056	142	132
EE5BM	**7**	**1,719,424**	**981**	**532**
EA5YU	**3.5**	**314,130**	**394**	**283**
***EB5CNK**	**A**	**135,892**	**318**	**212**
*EA5CP	"	60,120	217	167
*EA5DCL	"	891	27	27
*EA5IY	21	75	5	5
***EC5KXA**	**7**	**1,129,024**	**774**	**472**
EA7OR	**A**	**135,374**	**347**	**226**
***EA7RM**	**A**	**2,723,231**	**1833**	**691**
*EA7TN	"	2,337,220	1669	685
*EE7AJR	"	1,251,591	1192	561
*EA7OT	"	413,490	579	330
*EE7E	"	324,982	596	334
*EA7AZA	"	229,158	386	261
*EA7WA	"	155,710	350	230
*EA7CWA	"	55,860	175	147
*EA7MT	"	41,192	167	152
*EA7GV	"	17,440	98	80
*EA7EYQ	"	2,960	41	40
***AO7T**	**14**	**398,354**	**669**	**418**
Sweden				
SE5E	**A**	**2,922,921**	**2243**	**711**
			(OP: SM5AJV)	
SE6Y	"	875,999	1024	449
SK2T	"	604,864	839	416
			(OP: SM2LIY)	
SM6BGG	"	292,492	516	332
SJ6A	"	95,890	286	215
			(OP: SM6JSM)	
SM3Q	"	59,817	180	157
			(OP: SM3BFH)	
SM5AOG	"	18,644	82	79
SM4TU	"	5,439	44	37
SI89B	**28**	**213,476**	**563**	**332**
			(OP: SM6CLU)	
SA1A	"	14,448	119	112
			(OP: SM1TDE)	
SM7YEA	**14**	**73,748**	**233**	**179**
***SM3C**	**A**	**1,279,824**	**1490**	**546**
			(OP: SM5CCT)	
*SM7BJW	"	353,353	670	353
*SM3X	"	306,516	679	356
			(OP: SM3CVM)	
*SM7EH	"	231,054	489	291
*SI5Y	"	210,282	427	303
			(OP: SM5BKK)	
*7S3J	"	170,877	394	237
			(OP: SMØDZH)	
*SMØBSO	"	161,200	407	260
*SM3RL	"	76,128	291	208
*SM5DXR	"	60,720	253	184
*SMØBDS	"	28,558	154	131
*SM6NET	"	23,595	169	121
*SM6DER/7	"	14,985	100	81
*SM6TOL	"	552	24	24
***SAØQ**	**28**	**96,462**	**405**	**233**
			(OP: SMØOGQ)	
*7S5Q	"	72,360	358	201
*SM7ATL	"	41,310	226	170
*SM5BJT	"	4,087	68	61
***SMØQ**	**21**	**108,885**	**406**	**255**
			(OP: SMØOGQ)	
***SJØWPX**	**14**	**197,816**	**529**	**316**
			(OP: SMØOGQ)	
***SM6BSK**	**7**	**268,956**	**385**	**279**
*7S7V	"	69,394	197	157
***SMØOGQ**	**3.5**	**6,840**	**62**	**57**
***SLØW**	**1.8**	**37,210**	**151**	**122**
			(OP: SMØAJU)	
Switzerland				
HB2ØØ8Q	**A**	**1,991,644**	**1715**	**622**
			(OP: HB9EHJ)	
HB9TST	"	152,082	311	213
HB9TMW	"	138,050	324	251
HB9FAZ	"	110,090	337	218
HB9CZF	"	90,818	215	192
HB2ØØ8OK	"	42,864	184	152
			(OP: HB9FBM)	
HB9CPS	**7**	**410,922**	**416**	**333**
***HB9ARF**	**A**	**882,604**	**1041**	**466**
*HB9BGF	"	2,193	49	43
Ukraine				
UU7J	**A**	**4,760,640**	**2725**	**855**
			(OP: UU1AZ)	
UU5WW	"	3,792,852	2198	812
UYØZG	"	2,548,575	2196	723
UW5U	"	2,382,819	2086	681
			(OP: UY2UA)	
UR6QS	"	1,155,660	1241	515
UR3IQO	"	1,145,860	1131	530
UX2X	"	1,094,840	1122	542
			(OP: UT2XQ)	
UT4EK	"	910,650	1054	467
UT7UJ	"	854,182	1094	518
UR8RF	"	753,489	1041	473
UT3N	"	459,536	798	373
			(OP: UT3NK)	
UT4XU	"	408,240	740	378
UT7MA	"	292,175	526	325
UTØRM	"	280,540	678	332
UU6JJ	"	103,292	380	238
UR5AKU	"	11,424	71	68
UU2JQ	"	310	10	10
UW1M	**28**	**839,475**	**1224**	**525**
			(OP: UR5MW)	
UT1IA	"	681,884	1082	497
UR7VA	"	158,444	465	286
UR5FAV	"	1,584	34	24
UT2UB	**21**	**336,490**	**666**	**385**
UU4J	"	78,966	261	214
			(OP: UU4JO)	
UT2FA	**14**	**1,146,338**	**1301**	**614**
US3WD	"	249,228	486	322
UR7EM	"	17,762	127	107
UR4IXM	"	1,419	34	33
			(OP: US6IPD)	
UX4LA	**7**	**156,674**	**318**	**217**
UT5ECZ	"	85,371	188	199
UY2ZZ	"	53,200	151	133
UT7DK	**3.5**	**533,900**	**661**	**380**
UT5DL	"	237,448	387	268
UV5QQ	"	70,650	186	157
UR6F	**1.8**	**74,250**	**223**	**165**
			(OP: UXØFF)	
***UR7EQ**	**A**	**1,171,487**	**1271**	**503**
***UU5JIB**	**A**	**1,093,808**	**1157**	**499**
*UY2RA	"	1,059,138	1235	522
*UT8EU	"	1,003,950	1099	485
*UW8SM	"	547,584	770	372
*UT3UZ	"	530,800	832	400
*UR5QA	"	449,692	760	388
*UY5TE	"	446,945	835	355
*URØQX	"	410,670	684	338
*UX7UN	"	401,660	675	380
*UU7JM	"	342,228	585	361
*UT2IO	"	323,610	621	335
*UYØIX	"	312,650	527	325
*UR2VA	"	312,438	481	346
*UX3HA	"	288,835	602	305
*UR5LJD	"	249,636	489	293
*UT5UN	"	238,854	474	282
*UR5ZTH	"	224,010	545	285
*US1IV	"	208,116	490	282
*US9PA	"	191,868	405	271
*UR7R	"	144,834	379	239
			(OP: UX1RX)	
*UT5UKY	"	138,960	378	240
*US8MX	"	124,118	366	229
*US4LGF	"	123,816	281	201
*UR7QM	"	108,186	363	247
*UY5QO	"	93,310	299	217
*UR4U	"	91,938	248	199
			(OP: UR4UDI)	
*UR5WX	"	88,536	321	217
*UT8EL	"	84,907	319	197
*UR4CWQ	"	46,206	199	151
*UR7HCX	"	44,422	183	133
*UT7HM	"	43,654	174	146
*UU5JZ	"	43,050	191	150
*UR5XMM	"	41,448	192	157
*UR5EIT	"	28,416	143	128
*UR5TGK	"	26,529	127	111
*UY3MW	"	18,914	111	98
*UXØFF	"	16,335	116	99
*UY2RZ	"	6,656	58	52
*US5VX	"	5,904	52	48
*UY5AR	"	4,697	63	61
*UR6IMF	"	4,275	82	75
***US5XD**	**28**	**315,126**	**775**	**369**
*UR8IDX	"	197,478	475	318
*UR5IKN	"	174,556	459	302
*UU4JC	"	123,840	453	258
*UTØEO	"	72,158	305	218
*URØIQ	"	50,196	229	178
*UY5YA	"	46,980	223	180
*UT8L	"	44,156	230	166
*UT5UQN	"	15,808	119	104
*UX8IR	"	4,602	62	59
***UT3EK**	**21**	**125,481**	**303**	**277**
*UT4NY	"	68,688	261	216
*UT3RN	"	14,144	128	104
***UZ5UA**	**14**	**819,680**	**1046**	**545**
*US7IID	"	251,808	493	344
*UX7QD	"	231,945	543	329
*UT5EL	"	201,654	393	306
*UT4EN	"	45,300	201	150
*US4IXT	"	9,963	88	81
***UU2CW**	**7**	**752,426**	**621**	**422**
*USØHZ	"	642,690	665	386
*UT8AS	"	373,200	490	311
*UX7U	"	361,248	494	318
*UU1CW	"	78,729	201	163
*UV3RT	"	46,364	164	134
*UT8IT	"	9,954	68	63
***UT7XX**	**3.5**	**162,792**	**338**	**238**
*UR5IHQ	"	111,699	276	197
*UT5KO	"	109,138	287	197
*UY3AW	"	41,789	156	131
*UT7ET	"	13,013	102	91
***UX5NQ**	**1.8**	**78,200**	**243**	**170**
*UT5EO	"	5,353	54	53
*USØQG	"	1,392	30	29
Wales				
GW3NJW	**A**	**30,163**	**165**	**139**
GW3SQX	**3.5**	**526,976**	**589**	**358**
***GW4BLE**	**A**	**50,240**	**219**	**157**
*GW3VQO	"	8,024	76	68

OCEANIA

Australia				
VK2AEA	**A**	**928,501**	**753**	**343**
***VK2GR**	**A**	**27,594**	**107**	**73**
***VK3TDX**	**A**	**14,632**	**79**	**59**
***VK4TT**	**A**	**117,068**	**240**	**148**
***VK4BUI**	**14**	**239,184**	**323**	**264**
***VK4BAA**	**3.5**	**192**	**16**	**8**
***VK5SW**	**A**	**810**	**18**	**18**
VK6DXI	**A**	**1,574,482**	**884**	**422**
VK7GN	**A**	**143,620**	**257**	**172**
***VK8AV**	**7**	**44,144**	**93**	**89**
East Malaysia				
9M6XRO	**A**	**1,645,504**	**1071**	**448**
***9M6YBG**	**14**	**64,500**	**149**	**150**
Guam				
KG6DX	**3.5**	**54,036**	**128**	**76**
***WH2D**	**A**	**50,666**	**151**	**98**
			(OP: K3UOC)	
Hawaii				
KH7X	**A**	**7,092,018**	**2370**	**747**
			(OP: KH6ND)	
KH6NF	"	4,388,135	1956	571
			(OP: KH6SH)	
AH7C	"	193,648	290	182
KH6ZM	**28**	**70,567**	**203**	**119**
KH7B	**14**	**3,583,140**	**1681**	**732**
			(OP: K4XS)	
***KH6MB**	**A**	**620,655**	**710**	**257**
*KH6/NØCO	"	31,652	104	82
Indonesia				
YBØECT	**A**	**1,139,425**	**727**	**383**
***YBØDPO**	**A**	**345,450**	**414**	**245**
*YC2BG	"	4,410	30	30
***YE1AA**	**21**	**171,717**	**272**	**221**
*YD1HUH	"	163,542	301	194
*YC1BNY	"	2,511	34	31
***YB3IZK**	**14**	**1,914**	**29**	**29**
***YC2MXV**	**3.5**	**1,566**	**19**	**18**
*YC2WWW	"	100	5	5
Mariana Islands				
KHØR	**1.8**	**4,004**	**32**	**22**
***WHØS**	**A**	**157,476**	**312**	**132**
New Zealand				
ZL1KMN	**7**	**405,000**	**333**	**225**
***ZL4PW**	**A**	**235,620**	**360**	**198**

SOUTH AMERICA

Argentina				
LO2F	**A**	**5,908,888**	**2053**	**772**
			(OP: LU1FAM)	
LU7HN	"	4,191,750	1544	690
LW4DYI	**3.5**	**70,625**	**128**	**113**
***LU1EWL**	**A**	**42,401**	**138**	**109**
*LU3FID	"	41,638	143	109
*LW3DG	"	3,276	37	36
***LW6DW**	**21**	**25,662**	**98**	**94**
***LU3MAM**	**14**	**38,784**	**143**	**101**
***LU4MHQ**	**7**	**84,840**	**133**	**120**
Aruba				
P43JB	**A**	**1,672,839**	**984**	**477**
***PAØA**	**A**	**8,232,796**	**2547**	**814**
			(OP: KK9A)	
Brazil				
PS2T	**A**	**7,012,125**	**2368**	**813**
			(OP: N5ZO)	
PW2D	"	5,729,280	2100	746
			(OP: PY2ZXU)	
PX2W	"	4,041,576	1612	693
			(OP: PY2YU)	
PY1DX	"	2,036,504	1110	554
PS7DX	"	158,840	262	209
PP1CZ	"	108,072	209	152
PP5JY	"	5,700	65	57
PP5KR	**28**	**140,390**	**286**	**202**
ZX5J	**21**	**2,743,611**	**1426**	**683**
			(OP: AI6V)	
PY1BOA	"	5,610	53	51
PT1T	**14**	**3,930,108**	**1792**	**767**
			(OP: PY1KN)	
PY3AU	"	64,827	158	147
PP5EG	**3.5**	**125,757**	**170**	**157**
PV8DX	"	82,940	135	116
***PY2NY**	**A**	**2,201,310**	**1113**	**558**
*PY3DX	"	1,103,368	736	427
*PY2NA	"	79,365	174	143
*PR7HR	"	39,576	118	102
*PP7LL	"	3,311	44	43
*PS8JN	"	901	18	17
***PU2MTS**	**28**	**37,620**	**123**	**110**
*PY2SRB	"	2,639	31	29
***PT4C**	**21**	**63,945**	**163**	**147**
			(OP: PY4CEL)	
*PV8AA	"	360	12	12
***PQ4F**	**14**	**15,975**	**80**	**75**
*PY1KS	"	4,995	45	45
*PY7GK	"	1,260	24	30
***PT8CWA**	**7**	**20,679**	**62**	**61**
*PP5BZ	"	9,030	45	43
*PU5ATX	"	4,736	32	32
Chile				
CE4CT	**21**	**4,095**	**41**	**39**
***XQ4CW**	**A**	**10,502**	**62**	**59**
Colombia				
HK3Q	**A**	**77,979**	**178**	**139**
***HK3O**	**14**	**136,680**	**238**	**201**
Ecuador				
HD2A	**14**	**1,722,912**	**1128**	**548**
			(OP: HC2SL)	
***HC2AD**	**A**	**112,338**	**205**	**158**
Galapagos Islands				
HC8N	**A**	**10,893,707**	**2999**	**893**
			(OP: K6AW)	
Netherlands Antilles				
PJ2T	**A**	**9,326,950**	**2593**	**835**
			(OP: WI9WI)	
Uruguay				
CW5W	**A**	**7,379,180**	**2253**	**820**
			(OP: CX6VM)	
CX9AU	"	272,160	331	243
Venezuela				
YW4D	**A**	**8,474,873**	**2516**	**857**
			(OP: YV1DIG)	
4M1T	**7**	**2,542,800**	**923**	**489**
			(OP: YV5OHW)	
***YV5NWG**	**A**	**248**	**10**	**8**
***YV1FM**	**14**	**497,178**	**512**	**341**

QRP

TI5N	**A**	**1,269,016**	**887**	**434**
			(OP: W8QZA)	
OM7DX	**"**	**1,234,761**	**1264**	**527**
OK7CM	**"**	**1,047,442**	**1180**	**517**
KR2Q	**"**	**886,542**	**831**	**417**
RW6HJV/6	**"**	**791,204**	**1024**	**446**
RA6DB	**"**	**743,036**	**984**	**446**
DL8MBS	**"**	**700,960**	**1007**	**416**
VA3DF	**"**	**657,800**	**674**	**325**
RW3AI	"	635,481	993	393
ES1CW	**"**	**623,891**	**850**	**419**
US2IZ	**"**	**600,886**	**910**	**382**
LY5G	**"**	**566,056**	**962**	**409**
			(OP: LY2FE)	
S52P	**"**	**534,378**	**775**	**403**
RØØLPU	"	499,130	796	370
			(OP: UA1CUR)	
HA5BA	**"**	**423,400**	**693**	**365**
RW6FO	"	417,582	646	342
G3YMC	**"**	**410,356**	**787**	**346**
JA1MCU	**"**	**409,563**	**474**	**297**
F5VBT	**"**	**381,140**	**662**	**323**
N7IR	**"**	**377,000**	**659**	**290**
NAØCW	**"**	**368,401**	**678**	**313**
			(OP: NØKE)	
OZ7BQ	**"**	**333,300**	**607**	**330**
VA3SB	"	312,255	390	243
S59D	"	303,690	582	318
DF5RF	"	303,363	609	333
VP5E	**"**	**302,148**	**399**	**252**
			(OP: KØOK)	
RA3AN	"	284,970	631	295
SP6LV	**"**	**267,438**	**574**	**318**
AA1CA	**"**	**266,855**	**470**	**265**
UX8ZA	"	228,570	526	285
WA8WV	**"**	**218,652**	**328**	**228**
YO4AAC	**"**	**198,858**	**488**	**253**
RK4FB	"	193,545	442	255
UT5UUV	"	189,950	435	262
HB9DAX	**"**	**185,900**	**445**	**275**
K8ZT	"	172,725	345	235
OK2BWJ	"	171,872	454	262
HA5OB	"	155,550	429	255
OP4A	**"**	**143,752**	**353**	**238**
RA3DBK	"	126,175	351	245
UT5DJ	"	118,723	368	251
NA4BW	**"**	**118,440**	**352**	**188**
ON7CC	"	112,752	319	216
PA1B	**"**	**102,492**	**358**	**234**
WA8REI	"	100,084	324	191
F5UKL	"	93,258	297	198
I2AZ	**"**	**88,821**	**302**	**213**
RV3DBK	"	87,264	363	202
NE1RD	"	85,140	231	165
LZ7H	**"**	**80,802**	**284**	**201**
OK4MM	"	77,610	272	195
KO1H	"	69,860	176	140
8J4P	**"**	**69,384**	**353**	**118**
			(OP: JA4MRL)	
RV9AZ	**"**	**68,180**	**197**	**140**
EU1UA	**"**	**65,322**	**277**	**171**
N6WG	**"**	**56,718**	**279**	**137**
AN1A	**"**	**53,250**	**190**	**150**
			(OP: EA1AST)	
RK9DO	"	46,332	148	99
UA3VQL	"	43,941	176	151
K3WWP	**"**	**39,345**	**195**	**129**
KG5U	**"**	**38,700**	**211**	**129**
US8ICM	"	32,384	162	128
WA5RML	"	30,624	221	116
K6DBG	"	26,956	179	92
HB9AYZ	"	26,240	159	128
W6ISO	"	25,908	165	102
KD2MX	"	25,899	128	97
PAØATG	"	25,650	165	135
SP9RQH	"	22,230	119	95
JA1KEB	"	20,591	96	59
KA6SGT/9	**"**	**19,890**	**118**	**90**
NFØN	"	18,837	120	91
LA1ENA	**"**	**18,126**	**135**	**106**
NØTK	"	17,248	146	88
SP2DNI	"	17,222	133	109
F5IQJ	"	16,560	104	90
DL3BVA	"	14,935	132	103
IW3ILM	"	14,400	120	96
F6ABI	"	14,175	125	105
OM3TLE	"	13,920	110	87
IK5ZTT	"	13,860	111	90
W8EH	"	12,397	104	77
SM6AHU	**"**	**10,374**	**106**	**91**
SM6KNL	"	8,056	79	76
AF9J	"	7,992	106	74
JK1TCV	"	7,896	53	42
PAØRBO	"	7,470	98	83
NNØQ	"	7,227	87	73
DHØJAE	"	6,794	84	79
EW7DK	"	6,767	72	67
DJ5QK	"	6,360	72	60
DM1LM	"	6,240	65	60
WØRSP	"	6,201	47	39
JAØIND/1	"	5,950	52	35
YU5RY	**"**	**5,824**	**60**	**56**
SQ9IVD	"	4,592	61	56
EA7HCB	**"**	**4,425**	**63**	**59**
W2JEK	"	4,272	52	48
NU7T	"	3,960	56	44
OH2BUZ	**"**	**3,648**	**62**	**57**
AD5QB	"	3,420	58	45
ON3RR	"	2,665	41	41
YV6BXN	**"**	**2,398**	**23**	**22**
M1KTA	"	2,378	47	41
LY2BNL	"	2,255	44	41
AA5TB	"	1,925	38	35
PY4ZO	**"**	**1,848**	**27**	**24**
KI6OFN	"	1,829	33	31
AE3J	"	1,551	36	33
JJ3GRX/1	"	1,269	30	27
USØYA	"	1,144	29	26
PY2IAX	"	1,092	24	21
HSØGBI/2	**"**	**930**	**17**	**15**
CT/LZ3ND	**"**	**828**	**19**	**18**
WQ2RP	"	704	23	22
			(OP: N2CQ)	
7K1CPT	"	504	20	18
MØBGR	"	361	20	19
VA3RKM	"	260	11	10
WB8SDA	"	156	14	12
EA1BYA	"	143	11	11
EW6DX	**28**	**143,576**	**457**	**274**
DH8BQA	**"**	**137,632**	**424**	**272**
EW6CU	"	66,625	275	205
SP4GFG	**"**	**27,462**	**169**	**138**
DL2KDW	"	24,344	166	136
YO4XT	**"**	**23,250**	**154**	**125**
LY2BBF	**"**	**22,044**	**157**	**132**
DL2BIS	"	18,120	139	120
DL4EAX	"	12,342	111	102
SN8M	"	11,011	105	91
			(OP: SP8MI)	
UU4JQR	**"**	**9,492**	**107**	**84**
HB9QA	**"**	**4,331**	**65**	**61**
OK2NA	**"**	**3,550**	**56**	**50**
PA1W	**"**	**2,632**	**47**	**47**
4L1FP	**"**	**1,742**	**27**	**26**
GM4UBJ	**"**	**1,026**	**39**	**38**
UR4IGP	"	1,015	26	29
RV9YK	**"**	**480**	**15**	**15**
K6MI	**"**	**4**	**2**	**2**
HA8KW	**21**	**325,650**	**582**	**390**
HG3IPA	"	298,452	663	374
			(OP: HA3JB)	
UX1UX	**"**	**195,489**	**472**	**321**
LZ1MG	**"**	**74,520**	**264**	**216**
DL3VTL	**"**	**65,096**	**251**	**206**
YT2B	**"**	**52,521**	**229**	**183**
JH7RTQ	**"**	**38,528**	**157**	**128**
OK1AIJ	**"**	**32,592**	**196**	**168**
ES1CR	**"**	**29,088**	**167**	**144**
WA6FGV	**"**	**17,072**	**134**	**97**
RA3XEV	**"**	**15,698**	**114**	**94**
JR1NKN	**"**	**8,060**	**84**	**62**
DF4WC	"	7,536	38	157
JA1NLX	"	3,432	52	44
JA1KPF	"	2,232	43	36
JQ6PAQ	**"**	**1,824**	**45**	**32**
JH3DMQ	**"**	**588**	**23**	**21**
UA6LCJ	**14**	**258,336**	**526**	**351**
HA8ØØMT	**"**	**248,040**	**513**	**360**
EA7AAW	**"**	**227,840**	**406**	**320**
LZ1VB	**"**	**226,284**	**462**	**346**
G3LHJ	**"**	**193,125**	**382**	**309**
UR5LAM	**"**	**191,520**	**384**	**315**
RU2FM	**"**	**187,704**	**451**	**316**
HA7YS	"	164,794	351	298
PG2AA	**"**	**115,668**	**247**	**306**
HG6EU	"	104,040	319	255
			(OP: HA6VA)	
DL1DQY	**"**	**98,624**	**304**	**268**
NØLY	**"**	**94,572**	**289**	**222**
KT8K	**"**	**88,765**	**273**	**205**
K3TW	**"**	**61,560**	**179**	**162**
3ZØILQ	**"**	**34,226**	**196**	**157**
			(OP: SP5DDJ)	
LA8WG	**"**	**31,724**	**188**	**154**
DL7GEM	"	28,496	146	137
7Z1SJ	**"**	**28,130**	**102**	**97**
K4RDU/8	"	27,206	137	122
DL3OBQ	"	6,497	74	73
NF8M	"	1,560	36	30
JF1WQC	**"**	**368**	**19**	**16**
UCØLAF	**"**	**336**	**17**	**16**
DL2SHR	"	196	14	14
MMØDFV	**"**	**108**	**10**	**9**
JK3AHS	**"**	**28**	**5**	**4**
EU8RZ	**7**	**618,184**	**625**	**392**
YU1LM	**"**	**293,828**	**400**	**298**
HA7MW	**"**	**242,880**	**332**	**264**
ON4BHP	**"**	**150,752**	**268**	**224**
F5UL	**"**	**149,884**	**286**	**212**
OM9AMM	**"**	**139,284**	**266**	**212**
RU3RM	**"**	**132,912**	**284**	**213**
SP4TBM	**"**	**126,260**	**267**	**214**
DL5CL	**"**	**118,932**	**263**	**204**
RW9LL	**"**	**107,776**	**159**	**128**
KT5E/Ø	**"**	**98,208**	**249**	**176**
N2JNZ	**"**	**47,318**	**144**	**118**
NE6M	**"**	**44,704**	**153**	**127**
WØNV	"	29,370	128	110
KC2LYQ	"	1,680	24	24
JG2CNS/3	**"**	**80**	**4**	**4**
LY2GW	**3.5**	**186,238**	**362**	**247**
OK1WF	**"**	**121,264**	**290**	**208**
OK1FKD	"	115,668	298	204
SM5OUU	**"**	**12,464**	**83**	**76**
F6FTB	**"**	**4,455**	**50**	**45**
UW1I	**"**	**4,059**	**44**	**41**
			(OP: US6IMA)	
JF2MBF	**"**	**552**	**15**	**12**
DL9YX	**1.8**	**32,085**	**153**	**115**
SP4GL	**"**	**5,618**	**61**	**53**
LY4BF	**"**	**2,964**	**43**	**39**
DJ3GE	"	760	21	20
VK2CCC	**"**	**9**	**3**	**3**

ASSISTED NORTH AMERICA

United States				
K3WW	**A**	**5,111,106**	**2031**	**777**
WR3Z	"	3,994,080	2038	785
NO2R	**"**	**3,767,095**	**1872**	**811**
W8MJ	**"**	**2,902,520**	**1993**	**745**
W8AV	"	2,869,174	1595	682
NF4A	**"**	**2,469,060**	**1771**	**660**
W1CU	**"**	**2,377,650**	**1289**	**655**
K9CT	**"**	**1,878,031**	**1287**	**593**
AB2E	"	1,755,468	1293	558
KR4F	"	1,624,328	1238	554
AB3CX/2	"	1,475,104	1087	496
N6MA/7	**"**	**1,303,962**	**1340**	**506**
K9YC/6	**"**	**1,086,228**	**1048**	**422**
K6TA	"	1,021,680	956	516
K3KO/4	"	983,381	691	427
KC6X	"	873,240	927	456
KØRI	**"**	**821,760**	**991**	**428**
K5UV	**"**	**771,925**	**972**	**401**
N2NL/4	"	705,760	576	401
K2QMF	"	678,144	606	384
KØKX	"	674,234	566	418
N2BJ/9	"	629,200	714	400
K1FWE	"	605,280	568	388

K4DJ	"	586,460	676	355
NQ1W/4	"	569,240	689	428
			(OP: K1KO)	
K4CZ	"	553,161	636	371
NX6T	"	519,904	658	352
			(OP: N6KI)	
KØRU	"	499,872	718	381
W2LE	"	497,749	562	337
K4SV	"	494,080	508	320
K7RL	"	479,817	790	351
KE1F/4	"	417,720	645	354
N2CU	"	403,039	450	301
KM4M	"	396,214	533	311
			(OP: W3BP)	
K6RIM	"	385,671	614	341
K9UQN	"	353,710	533	326
W8OHT	"	350,602	575	317
NQ7R	"	342,925	571	319
K7EG	"	334,803	443	321
N6QQ	"	334,325	472	311
W2WG/4	"	327,450	420	295
N4II	"	302,216	513	296
W4XO	"	246,160	364	272
W3DAD	"	200,376	321	207
WØTT	"	190,696	442	242
NE3H	"	186,745	291	221
N2NS/6	"	166,650	331	202
W3UL	"	159,782	360	202
K2WK/4	"	159,676	262	209
N3MX	"	141,198	248	202
NN4GG	"	127,264	318	194
			(OP: N4GG)	
K8MR	"	117,370	281	194
NTØV	"	112,100	228	190
WF3C/4	"	111,747	237	193
			(OP: K4QD)	
WA4SM	"	109,648	279	178
WA1Z	"	106,784	281	188
KA1ARB/4	"	98,990	239	190
WØBR/3	"	98,040	209	152
K6DGW	"	82,302	287	174
WF4W	"	80,784	332	176
N1MGO	"	76,773	188	157
KGØZ/4	"	63,036	200	153
			(OP: W4ZW)	
W4ZE	"	56,323	192	151
KE6QR	"	55,350	249	135
AA8LL	"	52,900	104	100
W1RH/6	"	50,974	221	154
N8NOE	"	50,318	235	139
N4NM	"	42,354	155	117
NM4K	"	27,170	111	95
KØCOP/4	"	26,985	108	105
KA5M	"	24,390	97	90
N6AJR	"	16,400	108	82
NC7J	"	11,475	87	75
			(OP: W7CT)	
N4TL	"	6,255	46	45
WA3AAN	**14**	**231,168**	**398**	**301**
N3GJ	"	124,818	239	213
W2IRT	**7**	**301,840**	**297**	**245**
N4QV	**"**	**196,650**	**227**	**207**
AA4VV	"	151,536	172	164
W2RDX	"	41,757	100	93
			(OP: K2DB)	
K4XD	**3.5**	**131,544**	**223**	**174**
***N2BA**	**A**	**1,391,652**	**948**	**522**
***WK5X/4**	**"**	**492,250**	**577**	**358**
*K4FPF	"	403,788	494	308
*W4EE	"	383,098	489	334
***K5GM**	**"**	**352,525**	**533**	**295**
*N4KG	"	349,650	412	270
*WW2DX	"	332,050	403	290
***WA3KYY**	**"**	**187,910**	**354**	**215**
*KE5K	"	186,816	309	224
***KS1Y**	**"**	**180,000**	**335**	**250**
			(OP: N1BAA)	
*K4MM	"	109,032	289	177
*AK2B	"	100,815	273	195
*N3BM/4	"	93,537	221	171
***W6KY**	**"**	**91,743**	**306**	**159**
*K6GEP	"	79,659	310	159
***WGØM**	**"**	**79,552**	**274**	**176**
*NE6I	"	70,240	268	160
***W6JYT/7**	**"**	**65,360**	**266**	**152**
*N5JR	"	52,416	160	156
*AAØAW	"	46,170	209	135
*WA5VSK	"	38,178	122	101
***K9JWI**	**"**	**33,150**	**119**	**102**
*W3AG	"	24,990	96	85
*N6VH	"	21,476	113	91
*AF6T	"	19,788	124	97
			(OP: ND2T)	
*KA3DRR/6	"	19,008	142	88
*KØXD	"	13,667	95	79
*KJ4IC	"	9,024	75	64
*W3BW	"	8,201	60	59
*NJ5DX	"	6,750	64	54
			(OP: W5OV)	
*AD4YQ	"	5,760	53	40
*K7VIT	"	4,554	55	46
*WC4V	"	1,972	39	34
*W7SST	"	1,364	36	31
***W5GZ**	**14**	**60,225**	**213**	**165**
***K2DB**	**7**	**7,783**	**44**	**43**

Alaska

AL9A	**A**	**62,595**	**159**	**117**

Canada

VE1OP	**A**	**3,303,354**	**1530**	**654**
VA2WDQ	**"**	**2,885,904**	**1514**	**588**
VE3UTT	**"**	**2,186,109**	**1092**	**591**
			(OP: W1AJT)	
VA6XDX	**"**	**381,372**	**485**	**244**
			(OP: VE6LB)	
VE5MX	**"**	**279,552**	**450**	**273**
VE7KS	**7**	**160,563**	**205**	**179**
***VE3XD**	**A**	**967,890**	**792**	**419**
*VE3WDM	"	13,832	102	76

Mexico

XE1ZVO	**A**	**56,486**	**159**	**122**
XE2YBG	"	21,156	104	82
***XE2RC**	**A**	**1,350**	**27**	**25**

ASIA

Armenia

EK6LP	**A**	**81,065**	**205**	**155**

Asiatic Russia

RX9SA	**A**	**1,093,554**	**843**	**462**
RM9RZ	"	1,013,502	774	413
			(OP: RN9RZ)	
RUØLL	**"**	**569,244**	**746**	**356**
UAØAKY	"	386,672	569	286
RA9JP	**14**	**440,375**	**580**	**325**
UA9TT	**7**	**1,551,250**	**674**	**425**
***UA9APA**	**A**	**1,113,176**	**793**	**401**
*RV9CP	"	803,075	749	353
*RW4AA/9	"	729,060	637	348
*UA9QM	"	427,194	553	293
*RA9MC	"	327,888	448	276
*RW9WW	"	74,740	162	148
***RAØANO**	**"**	**10,440**	**65**	**60**
***RA9AC**	**28**	**54,234**	**173**	**138**
***UAØWL**	**"**	**3,108**	**43**	**42**
*RW9QA	"	1,127	24	23
***RV9JR**	**14**	**1,250,420**	**917**	**515**

Azerbaijan

***4K9W**	**A**	**614,184**	**593**	**314**

China

***BG4DVK**	**14**	**156,648**	**323**	**244**

Hong Kong

***VR1ØXLN**	**A**	**97,183**	**200**	**157**

Japan

JN2AMD	**A**	**1,568,214**	**1096**	**514**
JA6ZPR	**"**	**287,091**	**468**	**279**
			(OP: JH6JSR)	
JR2PMT	"	157,488	281	193
JA2BQX	"	155,021	276	199
JF2SKV	"	76,428	233	132
JF9JTS	**"**	**34,608**	**160**	**103**
JM2RUV	**28**	**5,488**	**51**	**49**
***JO1WKO**	**A**	**317,642**	**380**	**247**
***JR5XPG**	**"**	**259,956**	**416**	**261**
***JA3PYC**	**"**	**202,368**	**321**	**204**
***JE4MHL**	**"**	**169,560**	**303**	**216**
*JA1BNW	"	141,462	236	174
***JK2VOC**	**"**	**73,569**	**267**	**137**
*JG3FEA	"	68,961	181	127
*JG3KIV/4	"	67,328	196	128
*JA2QVP	"	52,650	162	117
***JR6GHN**	**"**	**50,400**	**189**	**140**
*JH1EAQ	"	34,853	119	91
***JL8MBF**	**"**	**8,122**	**85**	**62**
*JA3VUI	"	5,655	44	39
*JA1MZM	"	1,560	24	20
***JRØKVU/1**	**7**	**23,652**	**84**	**73**

Kazakhstan

UP1G	**A**	**2,276,144**	**1455**	**496**
			(OP: UN7QX)	
UN7LT	"	12,626	74	59

EUROPE

Austria

***OE4VIE**	**A**	**155,052**	**432**	**236**
*OE2ØØ8TKW	"	138,069	312	261

Belarus

EV1R	**A**	**2,435,246**	**1921**	**694**
			(OP: EU1PA)	
***EW4DX**	**A**	**213,570**	**553**	**315**

Belgium

OOØA	**14**	**82,005**	**285**	**231**
***ON6FC**	**A**	**7,238**	**84**	**77**

Bulgaria

LZ8A	**A**	**5,668,176**	**3461**	**898**
			(OP: LZ2BE)	
LZ5W	**7**	**2,993,165**	**1333**	**665**
			(OP: LZ1MC)	
LZ4TX	"	1,525,617	976	537
***LZ1KP**	**A**	**236,034**	**411**	**282**
***LZ1QV**	**7**	**319,704**	**420**	**308**

Croatia

9A3ST	**A**	**12,512**	**106**	**92**
9A4VV	"	2,675	25	25
9A2U	**28**	**613,120**	**1034**	**479**
			(OP: 9A3ZA)	
9A1V	**21**	**927,605**	**1077**	**595**
			(OP: 9A4M)	
***9A3GI**	**A**	**799,435**	**1055**	**455**
*9AØR	"	334,332	584	333
			(OP: 9A9R)	

Czech Republic

OK7Y	**A**	**2,704,380**	**1879**	**705**
			(OP: OK1FDY)	
OK1VD	"	1,445,564	1247	566
***OK1TC**	**A**	**879,550**	**953**	**490**
*OK2TBC	"	176,697	358	261
*OK2PF	"	71,621	282	187
*OK1AW	"	2	2	1

Denmark

***5P5X**	**A**	**339,822**	**644**	**378**

England

G4BUE	**A**	**923,450**	**1007**	**506**
G4MKP	"	908,752	967	442
G4IIY	"	713,664	978	448
G3NKC	"	110,352	267	209
MØITY	**28**	**56,488**	**282**	**184**
***MØDXR**	**A**	**1,490,216**	**1557**	**598**
*2E1OKT	"	69,541	283	197
			(OP: MØOKT)	
*G8MIA	"	24,860	134	113

Estonia

***ES1GF**	**28**	**187,500**	**582**	**300**

European Russia

RV2FW/1	**A**	**1,557,686**	**1591**	**662**
UA1ANA	"	1,014,620	1205	485
RX3AEX	"	910,588	1083	476
RZ6HWA	"	609,952	765	392
			(OP: RZ6FA)	
RA3FD	"	395,271	614	333
RX3FS	"	291,684	609	327
UA6LV	"	193,496	339	268
RW4WZ	"	174,306	381	278
RK6ASY	"	145,920	370	285
RU3PU	"	111,723	318	223
UA4RZ	"	90,395	279	179
RW3DOX	"	47,232	199	144
RA6FV	"	6,512	51	44
RA4ST	"	688	16	16
RX3AGD	**28**	**321,526**	**661**	**373**
UA6AKD	**7**	**205,096**	**351**	**248**
UA4FCO	**3.5**	**741**	**19**	**19**
***RX3AT**	**A**	**431,550**	**608**	**411**
*RA3XDX	"	109,505	258	181
*RK3DH	"	81,631	227	181
*RX3VF	"	63,875	238	175
*UA4LU	"	3,705	47	39
*UA4ARL	"	180	10	9
***RA6YDX**	**28**	**133,947**	**352**	**297**
*UA4WLI	"	31,647	172	137
***RU3UW**	**3.5**	**11,814**	**82**	**66**
*UA1OAM	"	1,200	26	25

Finland

OG6N	**A**	**3,428,646**	**2645**	**778**
OH6MW	"	1,793,025	1834	613
OG5B	"	47,978	241	161
OH4XX	"	13,248	77	72
OH6AC	**28**	**262,656**	**714**	**342**
			(OP: OH6CS)	
OG7X	"	155,895	494	285
			(OP: OH4XX)	
***OH2BBT**	**A**	**16,371**	**131**	**107**

France

F5IN	**28**	**529,150**	**874**	**475**
***F9IE**	**A**	**2,297,815**	**1536**	**689**
			(OP: F5JSD)	
***F8AKC**	**28**	**335,125**	**742**	**383**
*F5PHW	"	23,760	185	120
***F4BDG**	**14**	**3**	**1**	**1**

Germany

DLØIL	**A**	**3,120,000**	**1988**	**750**
			(OP: DF2KK)	
DL6KVA	**"**	**2,737,212**	**1960**	**743**
DG4R	"	1,874,870	1396	626
			(OP: DL1RG)	
DHØGHU	"	1,603,620	1302	604
DJ4EY	"	1,133,097	1096	553
DAØBCC	"	1,083,329	1185	499
			(OP: DL1NEO)	
DK1KC	"	992,898	1007	486
DP4X	"	870,928	738	464
			(OP: DJ2MX)	
DK1QH	"	676,212	912	444
DL7ON	"	526,656	771	422
DK6CQ	"	486,000	694	375
DL4CF	"	479,586	719	402
DF5ZV	"	457,410	610	386
DR2N	"	392,616	500	328
			(OP: DL6NCY)	
DF8AA	"	367,473	586	353
DL5WW	"	324,570	618	349
DJ9RR	"	230,790	534	294
DL7JOM	"	180,198	477	282
DJ4MZ	"	42,432	187	156
DP4N	"	36,974	147	133
			(OP: DL4NER)	
DL1EJA	"	33,000	158	120
DL8USA	"	17,751	118	97
DL5WX	"	13,728	114	96
DL8QS	**14**	**821,688**	**859**	**536**
DL1NEO	**3.5**	**90**	**5**	**5**
***DM3PKK**	**A**	**1,038,878**	**1130**	**538**
*DK5IM	"	690,261	978	429
*DF1HE	"	609,609	806	429
*DJ1OJ	"	607,932	807	468
*DL4HRM	"	556,388	913	434
*DG7RO	"	494,380	715	380
*DF7ZS	"	375,410	562	346
*DK7ZH	"	234,476	474	292
*DG8VE	"	209,748	437	308
*DF8AE	"	159,174	312	222
*DL7UIO	"	136,760	411	260
*DK2ZO	"	122,873	319	223
*DH3FAW	"	107,072	338	239
*DF1MA	"	100,190	279	215
*DL3HAA	"	67,140	265	180
*DO9ST	"	62,083	236	181
*DL8ZAJ	"	48,872	194	149
*DL9YAJ	"	24,600	145	123
*DL4RCK	"	23,049	153	117
*DF9LJ	"	14,104	97	82
*DL3DRN	"	13,230	104	90
*DL1AZA	"	2,574	43	39
*DL8UAT	"	1,863	31	27
***DK5TX**	**28**	**12,978**	**111**	**103**
***DL1WA**	**14**	**541,443**	**705**	**483**
***DF1HF**	**3.5**	**31,075**	**129**	**113**

Greece

SV1ENG	**A**	**1,181,832**	**1410**	**552**
***SV2BFL**	**14**	**97,356**	**319**	**244**

Hungary

HG7T	**A**	**4,668,840**	**2516**	**792**
			(OP: HA7TM)	
HA1Q	"	1,291,950	1085	550
			(OP: DH8VV)	
HAØHW	"	526,536	886	412
HA3LI	**3.5**	**809,348**	**824**	**428**
***HA5PT**	**A**	**63,536**	**188**	**152**
***HA2QW**	**21**	**264,252**	**602**	**361**

Ireland

EI2CN	**A**	**744,896**	**892**	**452**

Italy

I1BAY	**A**	**353,234**	**506**	**322**
IN3NJB	"	314,820	412	318
IK8UND	"	111,520	306	205
I1NVU	**14**	**1,127,476**	**1106**	**601**
***IK2HDF**	**A**	**1,352,290**	**1335**	**542**
*IK2ULV	"	533,064	712	399
*IK3QAR	"	279,278	524	311
*IQ8LR	"	48,356	191	157
			(OP: IZ8DVD)	
***IZ8GCB**	**3.5**	**94,248**	**233**	**187**

Kaliningrad

RN2FA	**A**	**742,824**	**1012**	**513**
***RK2FXG**	**28**	**80,036**	**307**	**214**

Latvia

YL1S	**A**	**3,024,320**	**2474**	**727**
			(OP: YL1ZF)	
YL9W	**7**	**2,131,401**	**1346**	**613**
			(OP: YL3DW)	

Lithuania

LY2FN	**A**	**1,589,122**	**1622**	**589**
LY4U	**3.5**	**849,932**	**856**	**431**
***LY1C**	**7**	**650,494**	**625**	**394**

Macedonia

Z35X	**A**	**913,344**	**1119**	**536**

Moldova

***ER5DX**	**A**	**500,089**	**799**	**391**

Netherlands

PAØBWL	**A**	**408,435**	**623**	**373**
***PA4AO**	**A**	**1,191,105**	**1169**	**519**
*PA1TT	"	579,933	712	457
*PA1TX	"	199,640	489	310
***PB2JJ**	**14**	**259,524**	**594**	**356**
*PA2F	"	76,935	255	223

Northern Ireland

GI4NKB	**A**	**708,039**	**1069**	**453**

Norway

LN5O	**A**	**2,763,180**	**1807**	**756**
			(OP: LA6FJA)	
***LA3ZA**	**A**	**144,957**	**318**	**229**
*LA4RT	"	132,868	393	236
*LA6CF	"	22,104	96	72

Poland

SP2LNW	**A**	**1,845,280**	**1428**	**608**
SN9Z	**28**	**463,078**	**921**	**434**
			(OP: SP6EQZ)	
SP8IMG	**14**	**2,276,094**	**1778**	**762**
SN2M	"	20,700	110	115
			(OP: SP2XF)	
SP4Z	**7**	**3,031,170**	**1353**	**690**
SP1NY	**3.5**	**695,412**	**713**	**411**
***SQ3RX**	**A**	**923,552**	**1212**	**496**
*SQ9FMU	"	390,771	623	369
*SP1MHZ	"	234,050	495	310
*SP7TES	"	21,560	149	110
***SP6EIY**	**14**	**36,556**	**163**	**148**

Romania

YQ9W	**A**	**5,347,069**	**2826**	**877**
			(OP: YO9WF)	
YQ6A	"	3,009,090	2287	735
			(OP: YO6BHN)	
YO5CBX	**14**	**1,163,162**	**1187**	**637**
***YO3FRI**	**A**	**1,048,318**	**984**	**526**
***YQ5Q**	**14**	**906,714**	**1136**	**579**
			(OP: YO5OHO)	

Scotland

***GM4UYZ**	**A**	**1,890**	**50**	**45**

Serbia

YT5A	**A**	**6,877,791**	**2925**	**981**
			(OP: YU7NU)	
YT6K	"	649,992	577	371
YU9VK	"	514,896	746	408
YU7BH	**7**	**1,204,610**	**852**	**470**
YT8T	**3.5**	**615,230**	**738**	**385**
***YU3A**	**A**	**1,128,634**	**1207**	**523**
*YU2FG	"	983,962	1053	469
***YT1V**	**14**	**73,278**	**268**	**207**
			(OP: YT2AAA)	
***YU9DX**	**7**	**2,351,232**	**1314**	**628**
***YT4A**	**1.8**	**48,600**	**179**	**135**

Slovakia

OM8AG	**28**	**260,406**	**662**	**333**
***OM2VL**	**28**	**47,882**	**235**	**178**

Slovenia

S5ØR	**A**	**3,488,256**	**2082**	**757**
S58P	"	570,438	777	402
S51TA	"	262,416	521	308
S52ZW	**14**	**2,569,142**	**1696**	**779**
S56X	**7**	**3,568,290**	**1524**	**726**
S53F	"	2,976,428	1471	676
***S56A**	**A**	**1,597,639**	**1311**	**619**

Spain

EA4KA	**A**	**2,831,808**	**1879**	**784**
EF1A	**"**	**906,638**	**746**	**454**
			(OP: EA1BLX)	
EA4DRV	"	628,432	669	362
EA1WX	"	299,242	471	314
AO5W	**"**	**100,947**	**393**	**231**
			(OP: EA5DWS)	
EA5FID	**21**	**563,746**	**868**	**502**
EA4KD	**14**	**430,766**	**642**	**406**
***AM1W**	**A**	**764,510**	**896**	**445**
			(OP: EA1OS)	
***EA5VN**	**"**	**26,412**	**145**	**124**
***EA2AZ**	**"**	**7,102**	**69**	**67**

Sweden

SM6CNN	**A**	**2,828,001**	**1834**	**781**
SMØGYX	"	294,930	497	339
8SØW	"	70,994	180	154
			(OP: SMØNJO)	
SM2CEW	"	50,560	199	158
SA5D	**28**	**164,794**	**508**	**298**
			(OP: SM5DJZ)	
SE2T	**14**	**940,180**	**1035**	**580**
***SM6EQO**	**A**	**734,868**	**1007**	**447**
***SM5D**	**1.8**	**46,550**	**169**	**133**
			(OP: SM5DJZ)	

Switzerland

HB9IQB	**28**	**208,954**	**429**	**382**

Ukraine

UW5Q	**A**	**4,853,512**	**2689**	**863**
UT4ZG	"	2,934,288	2127	738
UY5ZZ	"	2,177,020	1700	646
UR7EU	"	1,775,664	1885	627
UY7C	"	803,384	1032	466
UR5FEL	"	763,047	1015	479
US7MM	"	315,040	536	352
UXØZL	"	139,119	419	237
UUØA	"	70,400	283	200
UR5ZVJ	"	23,474	128	121
EM9F	**28**	**951,286**	**1377**	**571**
			(OP: UT9FJ)	
UX3MZ	**14**	**2,207,887**	**1577**	**781**
***US3IZ**	**A**	**814,947**	**999**	**453**
*UY5ZI	"	566,313	850	393
*UX2MF	"	426,087	578	367
***UV1G**	**21**	**682**	**23**	**22**
			(OP: UT7GX)	
***UZ8M**	**14**	**1,112,952**	**1121**	**587**
			(OP: USØMR)	
*UR5IFB	"	535,598	746	469
*UX4FC	"	397,536	651	404
***UR6IJ**	**3.5**	**38,808**	**148**	**126**

OCEANIA

Australia

VK3FM	**A**	**98,890**	**189**	**145**
***VK3KE**	**A**	**23,256**	**94**	**76**

Indonesia

***YB1ALL**	**A**	**97,650**	**211**	**155**
*YB3MM	"	16,384	71	64

New Zealand

ZL2IFB	**7**	**569,184**	**385**	**264**
***ZL1BYZ**	**A**	**763,300**	**694**	**340**

SOUTH AMERICA

Argentina

LR4E	**A**	**5,102,136**	**1832**	**711**
			(OP: LU5DX)	
***LQØF**	**A**	**1,384,620**	**922**	**491**
			(OP: LU5FF)	
*LU3JVO	"	39,200	123	112

Brazil

PT2ZHA	**A**	**1,562,400**	**926**	**504**
PY2IQ	**7**	**195,468**	**205**	**179**
***PY2XC**	**28**	**1,188**	**22**	**22**

Uruguay

CX7TT	**A**	**1,095,028**	**731**	**451**

TRIBANDER/SINGLE ELEMENT

United States

WN2O	**A**	**2,972,749**	**1577**	**659**
			(OP: N2GC)	
WT4PF	**"**	**2,819,971**	**1961**	**691**
			(OP: N4PN)	
KZ5D	**"**	**2,347,860**	**1903**	**654**
N1WR/3	**"**	**2,297,109**	**1407**	**619**
KF6T	**"**	**2,097,186**	**1890**	**598**
K4PV	"	1,524,600	1585	550
WØUA	**"**	**1,333,344**	**1352**	**544**
KYØW/6	"	1,175,454	1299	491
			(OP: K6SRZ)	
K9CC	**"**	**1,174,662**	**1277**	**486**
WX6V	"	1,113,444	1057	471
N4ZZ	"	1,042,080	1279	480
W6TK	"	871,579	901	409
K9OM	"	807,192	986	404
WA4UAZ	"	736,200	744	409
			(OP: K4EU)	
AD4EB	"	690,166	988	383
W1BYH	**"**	**620,964**	**596**	**367**
WQ5L	"	619,382	665	362
W2RF/3	"	601,011	584	387
K7CS/4	"	525,217	707	359
KU8E/4	"	433,755	556	315
K4FX	"	423,752	595	329
K2SX/4	"	380,016	634	312
W4PM	"	223,965	396	237
K2PLF/3	"	192,230	329	235
W1ZT	"	191,727	315	263
K4HAL	"	185,238	330	251
KE3D/5	"	162,279	363	219
W7SW	**"**	**158,328**	**364**	**216**
NE1QP/4	"	133,950	344	235
			(OP: K1RQ)	
W9IL	"	133,488	261	216
N8WXQ/1	"	124,355	267	187
N7BF	"	83,367	310	177
NS8O	**"**	**76,384**	**209**	**154**
W4NTI	"	50,025	202	145
K6NV	"	28,416	176	111
N3KCJ/7	"	27,713	212	107
WA7PRC	"	16,884	123	84
W4CWA	"	15,308	99	86
KC7UP	"	13,300	71	70
WN1GIV/4	**21**	**470,136**	**704**	**456**
			(OP: N4BP)	
K8IA/7	**14**	**1,307,544**	**1324**	**602**
K3GW	**"**	**175,104**	**308**	**256**
W9SE	**7**	**125,370**	**238**	**199**
***KV8Q**	**A**	**1,163,331**	**1161**	**489**
***WD4AHZ**	**"**	**1,126,320**	**1024**	**494**
*N3CZ/4	"	1,111,887	971	477
***WA1S**	**"**	**924,766**	**891**	**461**
***KØPK**	**"**	**733,503**	**881**	**417**
***N8NA/3**	**"**	**666,885**	**611**	**345**
*W1TO	"	595,680	605	340
*NA4K	"	569,940	727	354
***WT5R**	**"**	**542,346**	**757**	**349**
			(OP: W5ZL)	
*WA1LWS/3	"	500,738	680	329
*K3IE/4	"	431,745	599	321
***WN6K**	**"**	**362,142**	**738**	**279**
*WB8TLI	"	358,800	455	312
*W4NBS	"	300,240	525	278
*W8GOC	"	290,296	419	277
*K9ALP/8	"	251,739	403	249
*W8PN	"	233,523	454	243
*AA4LR	"	226,287	434	261
***W7RV**	**"**	**223,395**	**423**	**265**
***K1TN/2**	**"**	**220,884**	**400**	**237**
*K4MF	"	216,176	348	229
*N4PSE	"	205,820	379	251
***W9OA/9**	**"**	**196,959**	**349**	**249**
*NQ3X	"	196,588	350	238
*NE7D	"	181,818	420	222
*WA6L	"	173,036	446	239
*AA6YX	"	165,370	518	230
*NN4FL	"	125,868	302	204
			(OP: N4EEB)	
*W5EK	"	122,958	257	198
*ACØDS	"	120,540	384	205
*KI4FIA	"	109,746	320	201
*ADØH	"	91,584	314	192

*K6VFF	"	87,615	249	165
*WC4E	"	73,416	194	152
*K8VUS	"	71,546	205	166
*AA4Q/7	"	51,858	195	129
*N7EIE	"	48,300	211	140
*W4AU	"	47,988	142	124
*AA6EE	"	44,422	196	133
*AE4EC	"	43,594	200	142
*K7TR	"	31,178	180	119
*W4LT	"	23,956	127	106
*K6CSL	"	19,920	127	83
*KE5LQ	"	18,532	123	82
*W9VQ	"	14,514	86	82
*AE1P	"	13,932	92	81
*W6RFF	"	13,200	87	75
*K6OI	"	12,246	102	78
*WB5NMZ/4	"	9,490	79	73
*N4DXI	"	7,869	66	61
*W1MJ	"	7,280	60	56
*N7NT	"	5,074	63	59
*KE7DX	"	4,802	54	49
*KT6V/4	"	4,290	45	39
			(OP: K9VV)	
*W4KAZ	"	3,531	34	33
*WB4JFS	"	3,102	63	47
***WA1FCN/4**	**14**	**629,280**	**813**	**460**
***W3FAF/Ø**	**"**	**216,000**	**429**	**300**
*KØIO	"	143,673	312	249
***AE1T**	**"**	**66,810**	**188**	**170**
*KEØL	"	27,963	175	117
***AA7AX**	**7**	**282,494**	**467**	**274**
***W3SE/6**	**"**	**203,067**	**388**	**207**
***AB1J**	**3.5**	**23,478**	**106**	**86**
***K3BU/2**	**1.8**	**80**	**7**	**5**

DX

CT3KN	**A**	**9,162,456**	**2632**	**867**
RU9CK	**"**	**5,290,447**	**2350**	**701**
UP4L	**"**	**4,901,589**	**2209**	**693**
			(OP: UN7LZ)	
OJØB	**"**	**4,755,475**	**3283**	**853**
			(OP: OH2PM)	
S53MM	**"**	**4,553,405**	**2448**	**815**
OM7CW	**"**	**4,515,447**	**2528**	**789**
MDØCCE	**"**	**4,377,024**	**2516**	**816**
S59ABC	"	3,855,135	2257	785
			(OP: S51DS)	
HG8R	**"**	**3,497,520**	**2183**	**767**
			(OP: HA8JV)	
EV2A	**"**	**3,062,496**	**2403**	**736**
			(OP: EW2AA)	
9M2CNC	**"**	**2,566,500**	**1513**	**580**
			(OP: G4ZFE)	
RU3UR	**"**	**2,491,432**	**1953**	**703**
CS9L	"	2,461,104	1041	486
			(OP: DL8WAA)	
LY2MM	**"**	**2,189,180**	**1916**	**665**
S54K	"	2,186,426	1773	638
			(OP: S51NZ)	
OE5CWL/6	**"**	**2,032,107**	**1850**	**627**
G3XTT	**"**	**1,986,160**	**1538**	**610**
DL5YM	**"**	**1,750,296**	**1575**	**626**
UA9CMQ	"	1,651,090	1113	458
YL9T	**"**	**1,577,602**	**1700**	**611**
			(OP: YL2TW)	
VK6DXI	**"**	**1,574,482**	**884**	**422**
VE2FK	**"**	**1,293,862**	**893**	**431**
VU2PTT	**"**	**1,229,436**	**931**	**481**
VE3CR	**"**	**1,226,708**	**841**	**454**
YT2AA	**"**	**1,146,054**	**1061**	**546**
SN5G	**"**	**1,086,984**	**1263**	**487**
			(OP: SP5JTF)	
SP3GTS	"	1,033,758	1006	454
DK8EY	"	968,610	1063	498
LY1CT	"	957,852	960	441
VK2AEA	**"**	**928,501**	**753**	**343**
VE1MC	**"**	**882,038**	**692**	**382**
UT7UJ	**"**	**854,182**	**1094**	**518**
PAØLOU	**"**	**821,280**	**1101**	**480**
DL4ME	"	804,159	1003	449
SP5EOT	"	782,485	998	451
5P7Y	**"**	**760,207**	**940**	**487**
			(OP: OZ7AM)	
JH7XMO	**"**	**752,595**	**768**	**393**
PAØJNH	"	675,364	800	436
RA9KM	"	669,484	697	383
GM4SID	**"**	**652,103**	**918**	**431**
RA3BB	"	598,122	913	423
RK6CM	"	575,890	712	433
DR2P	"	367,224	496	321
JA7COI	"	361,785	531	267
RA9UN	"	352,350	547	270
KL8DX	**"**	**293,926**	**392**	**281**
UTØRM	"	280,540	678	332
DL8YR	"	257,912	537	313
GM5CX	"	244,948	401	293
SV1DPI	**"**	**235,320**	**522**	**318**
UAØFDX	**"**	**225,968**	**440**	**232**
G4HZV	"	219,744	454	288
JN3SAC	**"**	**219,555**	**288**	**205**
DL2NBY	"	201,960	506	297
OH2VZ	**"**	**194,509**	**436**	**259**
JA1HP	**"**	**138,224**	**346**	**212**
EA7OR	**"**	**135,374**	**347**	**226**
HA7GN	"	119,978	338	251
YO5CUQ	**"**	**110,916**	**307**	**234**
UA4CCG	"	100,694	293	199
JO1SIM	"	97,580	291	164
HB9CZF	**"**	**90,818**	**215**	**182**
4Z5ML	**"**	**71,994**	**182**	**142**
UN5J	"	65,830	185	145
OH1BOI	"	42,432	179	156
JA1FRQ	"	33,725	111	95
VE4EAR	**"**	**28,017**	**114**	**99**
EA3CEC	**"**	**27,178**	**141**	**127**
EA4TX	**"**	**23,520**	**204**	**112**
JF1AZQ	"	18,031	93	73
LZ2SX	**"**	**14,256**	**98**	**88**
SV9COL	**"**	**11,388**	**93**	**78**
OQ5M	**28**	**287,280**	**613**	**399**
			(OP: ON5ZO)	
GØORH	**"**	**130,448**	**475**	**263**
CE4CT	**21**	**4,095**	**41**	**39**
9A/VE3ZIK	**14**	**1,665,528**	**1550**	**696**
JA9CWJ	**"**	**63,000**	**154**	**150**
JA3DAY	**"**	**50,370**	**152**	**138**
9A3MA	**7**	**608,685**	**572**	**385**
KG6DX	**3.5**	**54,036**	**128**	**76**
***VE3DZ/VP9**	**A**	**6,053,388**	**2526**	**758**
***EA7TN**	**"**	**2,337,220**	**1669**	**685**
***LZØ8KM**	**"**	**1,681,728**	**1534**	**608**
			(OP: LZ3YY)	
***PG7V**	**"**	**1,647,354**	**1825**	**593**
***VE2XAA**	**"**	**1,629,725**	**1084**	**475**
***DK5DQ**	**"**	**1,548,323**	**1435**	**593**
***VE3KF**	**"**	**1,476,312**	**1078**	**449**
***LY6ØØW**	**"**	**1,453,940**	**1695**	**556**
			(OP: LY5W)	
***OK1HX**	**"**	**1,438,110**	**1364**	**570**
*OK2QX	"	1,308,150	1306	570
***OV3X**	**"**	**1,279,786**	**1327**	**577**
			(OP: OZ8AE)	
*EE7AJR	"	1,251,591	1192	561
***EX2X**	**"**	**1,091,574**	**985**	**447**
***UY2RA**	**"**	**1,059,138**	**1235**	**522**
*UT8EU	"	1,003,950	1099	485
*OK4N	"	950,937	1140	481
***UA3ABJ**	**"**	**944,424**	**1184**	**468**
***JI1RXQ**	**"**	**941,600**	**739**	**400**
*DF7GG	"	896,535	862	435
***UA9XF**	**"**	**839,787**	**711**	**353**
***9AØ8P**	**"**	**778,092**	**979**	**471**
			(OP: 9A2JK)	
***G4GOY**	**"**	**755,328**	**987**	**448**
*VE3NE	"	720,525	643	325
*UA9WIK	"	697,533	660	321
***JHØNEC**	**"**	**614,704**	**621**	**373**
*DL3EBX	"	549,054	845	423
***JA2KVB**	**"**	**526,348**	**614**	**362**
***JH6QFJ**	**"**	**498,420**	**570**	**351**
***ON4CT**	**"**	**477,171**	**720**	**387**
*VE3GSI	"	443,410	521	319
*9A5ANB	"	401,793	442	371
*UX7UN	"	401,660	675	380
*JH6OPP	"	397,110	536	305
*RX9DJ	"	382,000	506	250
***VA7RN**	**"**	**376,740**	**474**	**276**
***VY2SS**	**"**	**359,425**	**448**	**275**
*K2NV/VE3	"	353,304	423	252
*JA6DIJ	"	350,464	474	296
***YO9CWY**	**"**	**340,784**	**701**	**304**
***SP8AJK**	**"**	**325,944**	**556**	**324**
*G4DDX	"	320,355	588	339
***HA1AR**	**"**	**319,338**	**534**	**339**
*LY2DV	"	316,217	587	323
***SM3X**	**"**	**306,516**	**679**	**356**
			(OP: SM3CVM)	
***F5NQL**	**"**	**273,280**	**472**	**305**
***IØZUT**	**"**	**272,454**	**445**	**273**
*IN3FHE	"	272,376	496	312
*DL3KVR	"	253,648	554	332
*GØMTN	"	246,796	485	284
*VE3TW	"	245,250	358	225
*SI5Y	"	210,282	427	303
			(OP: SM5BKK)	
*3Z8Z	"	196,968	398	283
			(OP: SP8AJC)	
*IK2CFD	"	195,840	395	306
*VA7ND	"	194,220	359	234
			(OP: VE7ALN)	
***C4Z**	**"**	**188,325**	**302**	**225**
***JA3JM**	**"**	**185,523**	**380**	**213**
*DK4WF	"	173,505	432	269
***WHØS**	**"**	**157,476**	**312**	**132**
*I1EIS	"	153,768	356	258
*PA3DBS	"	150,858	438	261
*JA6CYL/6	"	146,575	330	205
***UN7EX**	**"**	**136,269**	**304**	**189**
*UQ7ØF	"	118,408	313	164
			(OP: UN8FM)	
***VK4TT**	**"**	**117,068**	**240**	**148**
*DL4JYT	"	113,669	285	197
*SP3IOE	"	106,640	311	215
*IK8SEU	"	103,362	296	214
*IK2AIT	"	100,190	310	215
***LA8OM**	**"**	**97,273**	**383**	**239**
***KP4GC**	**"**	**92,415**	**192**	**183**
*PI4WLD	"	88,828	296	212
			(OP: PAØMIR)	
*VE2LX	"	88,040	205	155
*JH1SWD	"	81,740	194	134
***YU7FN**	**"**	**75,254**	**246**	**197**
*PAØFAW	"	69,948	254	174
***OH3DP**	**"**	**68,160**	**225**	**192**
*OO9O	"	64,600	274	200
*VE7JKZ	"	64,560	179	120
*G4RHR	"	60,900	230	174
*IKØXBX	"	60,532	180	148
*IK2CZQ	"	52,974	193	162
*VE3OBU	"	51,408	125	108
*EA7MT	"	41,192	167	152
*PAØWKI	"	38,016	184	132
***JA4AQR**	**"**	**37,408**	**129**	**112**
***VK2GR**	**"**	**27,594**	**107**	**73**
*DL1DQW	"	26,894	145	119
*JA2KCY	"	25,010	118	82
*OH1ZE	"	24,024	114	88
*IK2IKW	"	16,766	112	101
*PA5VK	"	15,582	123	106
*PAØTCA	"	14,760	98	90
***YL2KF**	**"**	**14,304**	**114**	**96**
*JI4JGD	"	10,962	65	54
***XQ4CW**	**"**	**10,502**	**62**	**59**
*JJ1WWL/1	"	9,499	74	59
***GW3VQO**	**"**	**8,024**	**76**	**68**
*G3VQO	"	7,474	89	74
*JI1UDD	"	2,610	33	29
*GØMRH	"	2,070	47	45
*SP6EKS	"	858	27	26
*F4CUI	"	510	17	17
***UR5IKN**	**28**	**174,556**	**459**	**302**
***OK7U**	**"**	**152,583**	**462**	**281**
			(OP: OK1HDU)	
*OLØA	"	82,432	298	224
			(OP: OK1CZ)	
***G3ZRJ**	**"**	**64,902**	**154**	**373**
***JL3MCM**	**"**	**21,546**	**84**	**133**
***RW3VZ**	**"**	**10,028**	**94**	**92**
***IZ8BGY**	**"**	**8,181**	**99**	**81**
***S57U**	**14**	**906,750**	**995**	**558**
***RU3VD**	**"**	**483,960**	**553**	**444**
***DD1IM**	**"**	**368,809**	**538**	**413**
*RU3SE	"	346,400	600	400
***JP1QDH**	**"**	**302,728**	**404**	**316**
***YT7T**	**"**	**169,290**	**452**	**285**
***VE2FU**	**"**	**149,396**	**281**	**221**
***JF3IYW**	**"**	**63,917**	**202**	**161**
*JA1BPA	"	39,680	154	124
***EA4CWN**	**"**	**34,056**	**142**	**132**
*JL3RDC	"	1,305	25	45
*JO1WIZ	"	480	20	20
***PE1MMZ**	**"**	**315**	**15**	**15**
***S54A**	**7**	**1,591,557**	**995**	**561**
***EC5KXA**	**"**	**1,129,024**	**774**	**472**
***OK1DKZ**	**"**	**958,167**	**774**	**469**
***VE3IAE**	**"**	**532,304**	**392**	**304**
***UA6BFE**	**"**	**269,824**	**346**	**272**
***SM6BSK**	**"**	**268,956**	**385**	**279**
***JR4URW**	**"**	**11,501**	**60**	**53**
***DL5RDO**	**"**	**7,398**	**59**	**54**
***YUØA**	**3.5**	**154,560**	**322**	**224**
***PAØMIR**	**"**	**113,883**	**240**	**203**
*PA143ITU	"	63,640	203	148
			(OP: PG2AA)	
***SP8TJU**	**"**	**36,663**	**135**	**121**
***JM1NKT**	**1.8**	**378**	**21**	**14**

ROOKIE

United States

***KA1G**	**A**	**103,455**	**223**	**165**
***N3ZK**	**"**	**101,472**	**216**	**168**
***AF6EV**	**"**	**98,610**	**311**	**173**
***KD8IOW**	**"**	**16,884**	**100**	**84**
***AJ4IK**	**"**	**2,232**	**40**	**36**
***KJ9A**	**14**	**489,942**	**704**	**422**
***W7CF**	**"**	**1,650**	**36**	**33**

DX

EW8KY	**A**	**521,626**	**694**	**371**
VY1EI	**"**	**197,730**	**421**	**234**
***RK9AJZ**	**A**	**2,734,313**	**1533**	**557**
***RN3DBA**	**"**	**799,722**	**990**	**462**
***SP5XO**	**"**	**449,304**	**782**	**386**
***SQ5M**	**"**	**428,146**	**639**	**361**
***OK5OK**	**"**	**321,356**	**527**	**322**
***PD7BZ**	**"**	**187,110**	**423**	**297**
***DH6BH**	**"**	**139,624**	**359**	**248**
***OH8GZN**	**"**	**95,800**	**293**	**200**
*PD2JAM	"	76,154	274	202
*RN3ZC	"	22,454	134	103
***BV4VR**	**"**	**21,120**	**106**	**96**
***EA2CTB**	**"**	**11,880**	**103**	**90**
***UU4JC**	**28**	**123,840**	**453**	**258**
***YD1HUH**	**21**	**163,542**	**301**	**194**
***RWØUM**	**14**	**28,137**	**134**	**113**
***RK9UAC**	**"**	**15,200**	**91**	**76**
***BD4SP**	**"**	**7,434**	**68**	**63**
***EB3CML**	**7**	**1,300**	**26**	**26**
*OM7RX	1.8	1	1	1

MULTI-OPERATOR SINGLE TRANSMITTER NORTH AMERICA

United States

WE3C	**9,344,146**	**3038**	**1022**
KT3Y/4	**8,113,920**	**2852**	**960**
N5RM	**5,524,881**	**2853**	**853**
KD2HE/3	3,943,798	1958	794
W7VJ	**3,350,130**	**1922**	**735**
AD6E	**3,167,440**	**2062**	**685**
WN9O	**2,951,200**	**1797**	**700**
N4CW	2,873,130	1646	695
NK5Q	2,401,240	1897	692
NM1Z	**2,234,571**	**1188**	**597**
NM7D	1,766,784	1596	516
KM4MK	1,488,738	1444	562
WU4N	835,488	819	432
KZ5P	707,570	864	409
NZ1U	540,582	531	366
W3LJ	395,200	523	304
ND2T/6	393,616	655	337
WX4CW	145,314	439	207
WC8VOA	**138,416**	**316**	**211**
W6YRA	19,190	131	101

Canada

VE7GL	**5,390,476**	**1982**	**767**
VO2TM	**2,667,712**	**1406**	**571**
VE3YAA	**1,510,932**	**1054**	**492**

AFRICA

Canary Islands

EF8M	**22,762,392**	**4952**	**1191**
EA8URL	2,093,561	1030	467

Madeira Islands

CT9M	**24,125,802**	**4916**	**1182**

Malawi

7Q7WW	**169,034**	**260**	**223**

South Africa

ZS9Z	**77,280**	**172**	**138**

ASIA

Asiatic Russia

UA9UZZ	**4,792,080**	**2096**	**820**
RWØLT	**2,105,124**	**1463**	**532**
RK9CWW	817,080	649	440

China

B4TB	**1,621,132**	**1430**	**526**
B7P	1,443,228	1137	508
B5A	1,237,841	1112	473
B1C	470,316	718	308

Cyprus

P33W	**21,314,175**	**5303**	**1145**

Japan

JA3YKC	**343,682**	**557**	**239**
JA7YCQ	1,645	38	35

Kuwait

9K2HN	**12,013,866**	**3778**	**918**

Qatar

A73A	**4,308,820**	**1964**	**667**

Singapore

9V1YC	**3,729,046**	**1854**	**662**

EUROPE

Bosnia-Herzegovina

E73MMM	**9,606,974**	**4188**	**1118**

Bulgaria

LZ5A	**9,237,240**	**3984**	**1080**

Croatia

9A5ØKDE	**4,005,700**	**2573**	**820**

Jorge, CX6VM, provided a multiplier to many participants by operating as CW5W.

9A7T	3,300,300	2002	772
9A8M	3,162,360	2195	730

Czech Republic

OL1C	**4,874,661**	**2600**	**891**
OL7C	3,652,960	2564	790

England

M7A	**6,409,916**	**2963**	**874**
G5O	3,225,000	2226	750

European Russia

RU1A	**10,549,847**	**4523**	**1127**
RK3DZB	5,532,324	3223	938
UA3R	4,898,001	3271	883
RK3QWW	3,447,435	2693	739
RK3GWW	2,748,900	1952	714
RK3DXS	2,084,210	1828	655
RK4HYT	606,879	927	399
RK3AWK	432,816	810	381

Finland

OH6M	**3,457,976**	**2178**	**757**

France

TMØR	**9,212,940**	**3835**	**1034**
TM5W	2,189,415	1997	681

Germany

DR4A	**6,440,384**	**3209**	**977**
DR5L	4,287,464	2519	842
DK1AX	2,564,790	1818	705
DJ7LH	2,434,328	2009	712
DM5A	559,824	838	436

Greece

SY3M	**5,016,000**	**3065**	**825**

Hungary

HA8KCS	**227,140**	**456**	**277**

Italy

IR2C	**9,850,823**	**3603**	**1117**
II1H	6,593,980	3022	974

Netherlands

PI4AML	**4,929**	**61**	**53**

Norway

LN3Z	**7,034,426**	**3537**	**1022**

Poland

SO9Q	**6,612,486**	**3281**	**974**
SN9D	2,442,208	1886	668
SN9F	823,554	981	453

Romania

YR1C	**6,103,064**	**3435**	**892**
YO5KAD	1,835,388	1762	612
YR2X	334,152	513	306

Serbia

YT2T	**7,384,800**	**3624**	**1020**
YTØA	7,060,134	3322	969

Slovakia

OM7M	**10,698,780**	**4211**	**1156**
OM3RKA	2,913,644	1943	718
OM3KWZ	1,918,077	1661	613
OM3RRC	1,407,160	1492	554

Spain

EE2W	**7,259,844**	**3206**	**996**

Sweden

SI9AM	**1,844,857**	**1804**	**629**

Switzerland

HB1ØDX	**1,455,432**	**1509**	**596**
HB9LL	147,384	487	276

Ukraine

UZ2M	**8,538,115**	**4130**	**1055**
UT7L	5,486,971	3078	941
UZ1G	4,255,851	3045	851
UZ1I	1,573,285	1583	569
UWØL	705,200	848	430

OCEANIA

Fiji

3D2A	**407,712**	**509**	**248**

Guam

KH2/WX8C	**2,925,204**	**1370**	**516**

Indonesia

YE1ZAT	**2,951,624**	**1503**	**562**

New Zealand

ZM1A	**3,152,063**	**1472**	**557**
ZM2AGY	319,684	372	229

Philippines

DX1DBT	**153,672**	**302**	**152**

SOUTH AMERICA

Argentina

LU1AEE	**482,560**	**495**	**320**
LU4DQ	105,966	216	174

Brazil

ZY7C	**9,994,240**	**2858**	**976**

MULTI-OPERATOR TWO TRANSMITTER NORTH AMERICA

6Y1V	**20,507,972**	**5154**	**1108**
KD4D/3	**14,116,239**	**4731**	**1077**
WW4E	**7,967,940**	**3432**	**948**
VE7SV	**7,532,070**	**2751**	**806**
W7RN	**6,104,163**	**3288**	**843**
NX5M	**5,601,292**	**3321**	**886**
WX5S/6	**3,741,920**	**2354**	**728**
KQ7W	1,931,085	1381	585

AFRICA

3V8BB	**22,325,208**	**5074**	**1147**

ASIA

BT1OJ	**1,927,275**	**1552**	**525**
B3C	905,280	963	410
JA1ZGP	**651,080**	**810**	**397**

EUROPE

ES9C	**18,557,028**	**7477**	**1266**
9A6ØA	**16,164,144**	**6057**	**1207**
EA3FP	**13,382,334**	**5074**	**1134**
DQ4W	**13,122,255**	**5362**	**1123**
G6PZ	**13,057,583**	**5453**	**1111**
OL7R	**12,336,030**	**5307**	**1098**
OG8X	**11,503,136**	**5263**	**1136**
LXØRL	**9,547,200**	**4658**	**1040**

OCEANIA

NH6V	**9,879,944**	**3221**	**788**
ZM2M	**2,024,330**	**1197**	**478**

SOUTH AMERICA

P4ØL	**18,220,175**	**4189**	**1075**

MULTI-OPERATOR MULTI-TRANSMITTER NORTH AMERICA

NR4M	**15,425,340**	**5239**	**1140**
NØNI	**4,076,897**	**2726**	**811**
VE7UF	**3,030,434**	**1735**	**583**
WF6C	**95,940**	**329**	**180**

ASIA

RWØA	**5,518,506**	**2345**	**786**
JA1YPA	**8,514**	**46**	**43**

EUROPE

DR1A	**24,285,248**	**8655**	**1313**
LZ9W	**19,377,645**	**7324**	**1253**
HG8ØHQ	**15,510,742**	**6326**	**1157**
LX7I	**14,790,657**	**6775**	**1113**
OMØM	**14,410,494**	**6409**	**1138**
E77DX	**13,212,146**	**5405**	**1154**
LY7A	**12,697,272**	**6759**	**1062**
OL3Z	**9,712,920**	**3810**	**1085**
PA6Z	**7,828,444**	**3979**	**997**
RL6YXX	**3,111,570**	**2488**	**770**

CHECKLOGS

The following logs were used as checklogs. Checklogs are always appreciated. 3Z9OOR, 4Z5MU, 9V1PC, AF6IF, AN2R, BG1BVP, CU2JT, DF9KF, DJ1TO, DJ3RA, DKØIG, DK3RED, DL2IPU, DL3BUE, DL6YRM, DL7USW, DL7VAF, E73XL, F5PLC, FM5LD, G3RWL, G4LMW, G4SGI, GM4FDM, HA1SN, HA2EOA, HA8IE, HBØØØ8HQ, HG1848I, HG2RB, HSØZCW, IT9RZU, IW5EIJ, J45KLN, K4GMH, K7AV, LA8HGA, LA9Z, LZ1MS, LZ3NY, MUØFAL, N2MM, ND3F, NP3D/2, OE1C, OH6GAW, OK1AY, OK1DMP, OK1DSU, OK1HRA, OK1KW, OK1MDK, OK2EQ, OK2SG, OK7RJ, OMØATP, OZ1AGN, OZ1BXG, OZ7NB, RA1QD, RA3AD, RA3AJ, RA3AOS, RA4UVK, RA9DZ, RC4Q, RK9SWY, RN1NU, RN6FK, RN9AA, RU3EJ, RU9YF, RV6AB, RW6MBC, RZ3DSN, RZ9UO, S51J, S57X, SB5B, SM5CLE, SP1DMD, SP1EGN, SP4GDC, SP4JTJ, SP5GDY, SP7QHR, SQ2AJI, SQ6MS, SQ9E/9, SV7BAY, UA1AUW, UA1NFA, UA4NAL, UA4WB, UA9HR, UN8FR, UTØEA, UT3NF, UT4WA, UT7UW, UW7W, UX1IL, UX5UO, UY8IF, UZ7HO, VE3EY, VE3KP, WØKIT, WF7T/4, WS4C, WX3B, YO3JOS, YO5ODU, YO6EZ, YO9FNP, YO9GJX, YP2U, YU2DRA, ZL4CR.