Results of the 2007 CQ WW WPX CW Contest

BY STEVE MERCHANT,* K6AW

Despite continued poor bottom of the sunspot cycle conditions, contestants enjoyed very high levels of activity and a huge number of prefixes in the 2007 CQ WW WPX CW Contest. We received over 2500 CW log entries—a 20% increase in the past two years. Activity in the CQ WPX contests continues to climb, especially among European contesters. This was the 49th running of the CQ WPX CW contest, and everyone is hoping number 50 will happen under much better conditions.

Single Operator All Band

Operating this year as 3V8BB, Hrane, YT1AD, narrowly piloted his Tunisia station past Steve, K6AW, at HC8N in the Galapagos. Harry, RA3AUU, traveled to Cyprus to operate P33W and placed third. Marko, N5ZO, operated as PS2T, winning fourth place for this well-known Brazilian station, and PJ2T (Jim, WI9WI, op.) was fifth. The top North American score was turned in by Ken, K6LA, operating his Prince Edward Island station, VY2TT.

Just as with the 2007 CQ WPX SSB results, the top two scores in the USA came from Dan, K1TO, operating this time as NE4AA, and Alex, LZ4AX, at KC3R. Unlike the close SSB results, Dan had over a one-million point margin on CW. Dick, WC1M, did a nice job taking third place. Dave, K1ZZ, took fourth as KO3A, and contest regular Bud, AA3B, took fifth in the USA.

Once again the top European score came from 9A1A (Emil, 9A9A, op.), followed by Manfred, DJ1YFK. In third place was Boris, S58A, while only a little over 50,000 points behind him was Roger, EA3ALZ, operating from EA6FO in the Balearic Islands. There were three Asian stations in the top ten: P33W, UA9CLB, and C4W.

The SOAB Assisted category had the first four entries spread out over just a half million points and the first two finishers were USA stations. Sig, N3RS, operated as NN3L to take the top spot, followed very closely by Chas, K3WW. Third place was won by Alex, VE3KF, operating from TO3T in Martinique. Gerry, GØRTN, operated G6PZ to take fourth in the world and was the first European winner in this category in 2007.

The competition for first place SOAB low power world and Europe was won by CT6A operated by Filipe, CT1ILT. There was a real horse race for second and third place between Yasar, TC3D, and Yuri, VE3DZ, with Yasar taking second by a narrow margin. Perennial top finisher in this category, Ed, N1UR, took fourth world and first USA as NV1N, and right behind him was David, EA1FAQ.

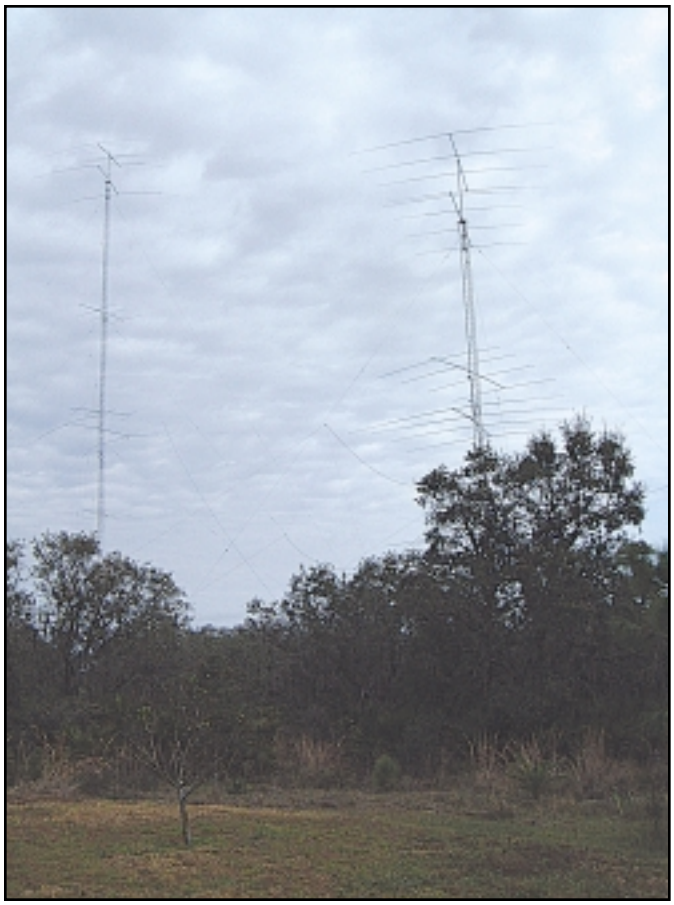
The race for world high QRP was between Bosko, YT7TY, and Bill, W8QZA at TI5N, with Bosko winning by a slight margin. Antonin, OK7CM, moved up a notch from the SSB test to take third. Doug, KR2Q, won fourth place world and first place USA, and Milan, OK1IF, took fifth place as OL4W.

Single Band

Ten meters is not dead. Pavel, OK1MU, operated TA2ZAF and made almost 1300 contacts to win the top spot in the world and Asia. Right behind him was Diego, LW9DA, in second, and Al, RU6CQ was third and first in Europe. Giuseppe, IT9BLB at IU9S, was fourth and Edin, T97M, took fifth.

Fifteen meters was very hot for Faisal, 9K2RR, who operated Hamad, 9K2HN's station to take first place world. Silvio, LW9EOC, repeated his SSB win by taking LS1D to second place. 4O2A was operated by Nesa, YT1NP, for the third spot, and fourth was taken by UR6F, (Nikolay, UXØFF op.) Fifth place was won by Milan, YU1ZZ, operating as YZØZ.

As usual, 20 meters was a busy place. The top station was YT2T operated by 4N1JA. The next six stations were jammed into a spread of less than 350,000 points—a very competitive space. In second was another Serbian station, 4N8A operated by Dusan, YU1EA. Third was Pedro, HK1X; fourth was II7M (Arturo, IK7JWY op.); fifth was Nikola, 9A5W; and sixth was LZ9W (Ros, LZ1RGM, or.)



The Single Op, All Band USA winner was Dan, K1TO, operating NE4AA. Dan had over a one-million point margin over the second place entrant. This photo shows the 40- and 20-meter setups, the two bands on which 95 percent of the QSOs were made in the contest.

Forty meters was a close race between frequent winner John, KK9A, operating P4ØA from Aruba and Dule, ZM3A, far away in New Zealand. Third place was won by Vaho, 4L8A;, Robert, S57AW, was fourth; and Ivar, YU1LA, took fifth. Dave, NN1N, took first USA over Dave, W6NL operating KZ6D. Tom, K1KI, was in third place.

Franta, 7XØRY took a nice lead to win the 80-meter single band competition from Algeria. SO2R (Kaz, SP2FAX) was second and first Europe; YR7M (Tibi, YO9GZU) was third; OK3R (Miro, OK1DVM) fourth; and Karl, S52AW, was fifth. Steve, W3BGN, was first USA followed by Mike, K9NW, and Steve, KØXP.

One-sixty meters is an interesting band at this point in the sunspot cycle, even in late May. Arunas, LY2IJ, was first world and first Europe. Low power competitor Ozer, TA2RC, was second as YMØT; frequent competitor Steve, ZC4LI, was third from Cyprus; Hans, DF2UU, fourth;

*e-mail: <k6aw@cqwpx.com>

Corrections

In the write-up of the 2007 WPX SSB results in the January issue there were some errors in the list of trophy sponsors (the winners were correct). Accurate listings of all trophy sponsors can be found on the CQ WW WPX website, <www.cqwpx.com>. Also, the dates of this year's contest were incorrect. **The 2008 CQ WW WPX SSB Contest will be held March 29–30.**

In the 2006 WPX CW results we incorrectly awarded the Combined SSB-CW World SOAB, Al Slater, G3FXB Memorial Trophy. The correct winner is VC3J, operated by John Sluymer, VE3EJ.

and Wal, W8LRL, was fifth world and first USA using special event callsign WV8JR.

Multi-Single

This year's winner was the team of W6LD, WØYK, and KX7M operating as P4ØL in Aruba. Right behind them was a Latvian team (plus host Edu, EA8AUW) operating EE8A in the Canary Islands, finishing second. Moroccan station 5D5A came in third, fourth was ZF1A from the Caymans, and fifth was the French team at TM7XX. Sixth place world went to a multi-national team at VE3EJ, which was also the top North American winner.

In the USA there was a tight race between KT3Y (Phil, KT3Y, and Bob, K3EST) and Howie, NY4A. In the end the KT3Y team was able to prevail and take first place. Third was WU3A, followed by WA5Y and W1CU in fourth and fifth place, respectively.

Multi-Two

The Multi-Operator Two-Transmitter category was won by EF8M, a Russian team operating at Pekka, EA8AH's station in Gran Canaria. They achieved 33 million points, a new world record and over twice the points of any other multi-op entry. The Slovakian team at OM8A narrowly got in front of the third-place Croatian team at 9A7A for second world and first Europe. From Estonia, ES5Q was close behind in fourth, and LX7I was fifth.

The KD4D team, operating from N3HBX's station, easily repeated their success of the SSB test as champion of the USA. The Floridians at AB1HZ took second place, and WX5S took third place from their West Coast location.

Multi-Multi

The German team at DR1A won the Multi-Op Multi-Transmitter category, followed closely by OM7M. NQ4I was third world and first USA, ZL6QH took fourth place as they bow out of contesting for a while, and LY7A was fifth. Second USA was NR4M, third was NX5M, NØNI was fourth, and KF7NN took fifth place from W4MYA's station.

Tribander/Single Element

The Tribander/Single Element category limits participants to a single tribander antenna for 10–20 meters and single-element wires for the low bands. The purpose is to provide a competition class for the "average" station. Boyan, LZ2ZBE, operating as LZ8A took first place world and first Europe. He was followed by Christo, LZ3FN, who took second place, and LR4E (Martin, LU5DX) was third. Eugene, RU9CK, was fourth and low power Yuri, VE3DZ, was fifth.

Doug, KR2Q, won fourth place world and first place USA QRP, All Band.

In the USA Paul, N4PN, using another unusual call, KW3A, scored a victory over WN2O, operated by Mike, N2GC.

Rookie

The Rookie category is for operators who have been licensed amateur radio operators for less than three years. Bogdan, RU9CD, scored an impressive win from Asiatic Russia to take the category. David, F8CRS, was second and first Europe, and Vange, BD7KLO, was third with a fine effort from China. All three entries were low power.

In the USA, Rocky, NE7D, took first with a nice low power score, followed by Mike, KB3P.

Chasing Prefixes

The winning strategy for the WPX contests must balance QSO points with prefixes. Leaders of the prefix hunt were EF8M with 1256 prefixes and DR1A with 1184, fine numbers for this point in the sunspot cycle. We appreciate

Steve, K6AW, operated superstation HC8N in the Galapagos and came in second place world Single Op, All Band, High Power.

all the operators who go out of their way to obtain special callsigns or activate club stations in order to provide the rest of us with a new multiplier. Special thanks to: 3Z5ØKCR, 5D5A, 5Q1CW, 9A95ØDM, DH15ØHZ, DL4ØRRDXA, DR8ØAMA, DTØHF, GB6BW, GXØSAC, H2E, LZØ7KM, ON6ØMCL, R15ØM, SC3ØVL, SJØWPX, SY8JG, SZ1A, UO5ØF, VQ97JC, and YUØ7HST.

New Records

Records can be broken even during poor propagation conditions. Congratulations to these new record holders:

7XØRY—Africa 80m, 1,562,172 points

EF8M—World and Africa Multi-Two, 33,324,192 points

KH6ND—Oceania 160m, 22,100 points

ZM3A—Oceania 40m, 6,043,950 points

Log Checking

The CQ WW WPX Log Checking Committee took extra care analyzing certain entries this year. There is a small group of entrants who specialize in seeing if they can bend or break the contest rules without detection. This is not a productive activity. The committee disqualified one high-scoring (top 15) entry, reduced some scores, and issued written warnings to other contestants.

Kudos

Many thanks to several members of the CQWW Contest Committee for helping with various log-handling issues. Thanks to Randy, K5ZD, for his help with redesigning and managing the CQ WPX website and for his fine write-up of this year's SSB contest. Thanks as well to Trey, N5KO, and his robots; they are a huge help in the log-checking process. Ken, K5KA, is doing a very excellent job managing the plaque program, and we are happy to welcome Jacques, F6BEE, to the WPX team as master record-handler. The biggest thanks go to Steve Bolia, N8BJQ, for his help and endless energy and enthusiasm, and to Gail, K2RED, who is our editor and who puts up with all our close-to-the-edge submissions for deadlines.

Rules Change

We have revised and simplified the logging requirements for multi-op stations effective with

2007 TROPHY WINNERS AND DONORS

SINGLE OPERATOR, ALL BAND

WORLD: Steve Bolia, N8BJQ. **Won by: 3V8BB operated by Dr. Hrane Milosevic, YT1AD.**
USA: Dennis Motschenbacher, K7BV. **Won by: NE4AA operated by Dan Street, K1TO.**
EUROPE: Ivo Pezer, 5B4ADA/9A3A. **Won by: 9A1A operated by Zdravko "Emil" Balen, 9A9A.**
OCEANIA: Tom Morton, K6CT. **Won by: Dusko Dumanovic, ZM3A.**
CANADA: Radio Amateurs of Canada (RAC). **Won by: VY2TT operated by Kenneth Widelitz, K6LA.**
JAPAN: Simon Candotto, IV3NVN. **Won by: Masaki Masa Okano, M.D., JH4UYB.**
WORLD LOW POWER: Caribbean Contesting Consortium. **Won by: CT6A operated by Filipe Lopes, CT1ILT.**
CANADA LOW POWER: Contest Club Ontario. **Won by Yuri Onipko, VE3DZ.**
USA LOW POWER: Terry Zivney, N4TZ. **Won by: NV1N operated by Edward Sawyer, N1UR.**
USA ZONE 3 HIGH POWER: Jim Pratt, N6IG. **Won by: W6YI operated by Daniel Craig, N6MJ.**
USA ZONE 4 HIGH POWER: Society of Midwest Contesters. **Won by: KT2Z operated by Richard King, K5NA.**
USA ZONE 4 LOW POWER: Society of Midwest Contesters. **Won by: KS9K operated by Terry Zivney, N4TZ.**
NORTH AMERICA QRP: Dale Martin, KG5U. **Won by: TI5N operated by William Parker, W8QZA.**

SINGLE OPERATOR, SINGLE BAND

WORLD 3.5 MHz: Ranko Boca, 4O3A. **Won by: Frantisek Pubal, 7XØRY.**
WORLD 7 MHz: William D. Johnson, KVØQ. **Won by: P4ØA operated by John Bayne, KK9A.**
WORLD 14 MHz: Gene Walsh, N2AA. **Won by YT2T operated by Marko Zivkovic, 4N1JA.**
WORLD 28 MHz: Steve Hodgson, ZC4LI. **Won by TA2ZAF operated by Pavel Prihoda, OK1MU.**
USA 14 MHz: Kansas City DX Club. **Won by: Carol Richards, N2MM.**
USA 21 MHz: Charlie Wooten, NF4A. **Won by: WN1GIV operated by Robert Patten, N4BP.**
USA 28 MHz: Bernie Welch, W8IMZ Memorial. **Won by: NA4W operated by Courtney Judd, K4WI.**

MULTI-OPERATOR, SINGLE TRANSMITTER

WORLD: Ron Blake, N4KE. **Won by: P4ØL operated by WØYK, KX7M, W6LD.**
ASIA: W2MIG Memorial (NT4TT Sponsor). **Won by: JA5FDJ operated by JA5FBZ, JA5JCC, JA5THU, JA5FDJ.**
USA ZONE 4: Mike Fatchett, WØMU. **Won by: VE3EJ operated by S51TA, VE3EJ, VE3MM.**

MULTI-OPERATOR, TWO TRANSMITTER

USA: Florida Contest Group (FCG). **Won by: KD4D operated by NA3D, NI1N, NN3W, K3MM, K3RA, KD4D.**

MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Steve Merchant, K6AW. **Won by: DR1A operated by DF6JC, DJ6ET, DJ7EO, DL1MFL, DL3DXX, DL5LYM, DL6FBL, DL6LAU, DL9EE, JK3GAD, ON4JZ, ON5UM, PC5A.**
USA: Jim Reisert, AD1C. **Won by: NQ4I operated by NQ4I, N5BI, VE7ZO, KF4GTA, NF4A, K2UFT, K4BAI, W4QO, KC4BVF, WI4R.**

CONTEST EXPEDITION

WORLD: Phil Goetz, N6ZZ Memorial – OHØZZ (OH2BH, OH2MM, OH2PM, K6AW). **Won by: EE8A operated by YL2KL, YL3DW, YL2GQT, YL2PP, EA8AUW.**

COMBINED SSB/CW
Single Operator, All Band

WORLD: Yuri Blanarovich, K3BU. **Won by: UPØL operated by Vladimir Vinichenko, UN9LW.**

CLUB (SSB & CW)

WORLD: *CQ* magazine. **Won by: Bavarian Contest Club.**

the 2008 rules. All multi-ops in any category can simply record serial numbers by band. The requirement for transmitter number has been eliminated. The requirement for a separate set of numbers for the mult station in multi-single has also been eliminated.

Summary

The 2008 WPX CW Contest will be held on May 24 and 25. Please plan to join in the fun. Rules can be found on the CQ WPX Contest website (http://www.cqwpx.com), the *CQ* website (www.cq-amateur-radio.com), and in the February issue of *CQ*. Logs are requested to be submitted by e-mail in Cabrillo format. Send WPX CW logs to <cw@cqwpx.com>. See you in the 2008 contest!

73, Steve, K6AW

DX QRM

First time entered as a 2EØ (ex-M3CVN) and the rare prefix helped to get a good score on all bands. A smaller score, but 200 QSOs more than SSB WPX. Plenty of QSOs which is nice! First time I got over 1000 from the home QTH . . . **2EØCVN**. Started 5 hours late due to putting up antenna and being visited ny Murphy! Then rig worked intermittently. Better luck next year! . . . **3D2EE**. We had 7 hours of forced QRX for power failure but still a lot of fun! . . . **5D5A**. Great conditions to Europe . . . **6H1ZVO**. I would like to dedicate this effort in memory of Festus, 9M8FH, who became a silent key earlier this year. He had been a good friend of mine for the past 16 years and will be missed deeply. Conditions were probably at the absolute bottom (at least I hope) . . . **9M8DX**. Hello, gang, I'm HK1KXA and am back. Many thanks to Ramon Paredes (Paserco) who made possible my return to the contest arena by letting me using two of his tower cranes in Torrent (Spain) to hang my wire antennas. Next time beware! It will be aluminium elements . . . **AO5KXA**. First WPX CW from 5B for years even though I had to catch a flight out several hours before the end. Enjoyable as always. Many thanks to 5B4ES for hosting me

WORLD TOP SCORES

SINGLE OPERATOR ALL BAND

3V8BB (YT1AD)	13,036,170
HC8N (K6AW)	12,530,262
P33W (RA3AUU)	10,034,956
PS2T (N5ZO)	8,440,276
PJ2T (WI9WI)	8,288,055
UA9CLB	7,880,040
VY2TT (K6LA)	7,864,881
C4W	7,449,120
NE4AA (K1TO)	6,863,606
UPØL (UN9LW)	6,779,520
VB3A (VE3AT)	6,721,527
HZ1EX (PY2ZXU)	6,689,120
9A1A (9A9A)	6,266,028
VE3JM	5,925,920
KC3R (LZ4AX)	5,755,506
LU7HN	5,434,898
DJ5MW	5,432,754
S58A	5,243,836
EA6FO (EA3ALZ)	5,191,680
VC2M (VE2TZT)	5,074,420

28 MHz

TA2ZAF (OK1MU)	1,754,830
LW9DA	1,726,452
RU6CQ	754,290
IU9S (IT9BLB)	673,524
T97M	400,158
S57S	370,832
*9A3VM	357,930
*EX2X	305,532
*YO3CTK	276,340
*IK1PMR	260,090

21 MHz

9K2HN (9K2RR)	2,781,509
LS1D (LW9EOC)	1,836,510
4O2A (YT1NP)	1,255,484
UR6F (UX6FF)	1,132,216
YZØZ (YU1ZZ)	1,064,202
*PT7CG	840,650
9A7R	788,956
WN1GIV (N4BP)	766,752
*YT1AD (YU1DX)	732,366
*UP8A	675,220

14 MHz

YT2T (4N1JA)	3,119,402
4N8A (YU1EA)	2,926,865
HK1X	2,785,476
II7M (IK7JWY)	2,710,380
9A5W	2,643,053
LZ9W (LZ1RGM)	2,641,924
S57DX	2,582,755
YT5G	2,222,960
OL8M	1,992,870
S5ØK	1,790,775

7 MHz

P4ØA (KK9A)	6,114,276
ZM3A	6,043,950
4L8A	4,351,570
S57AW	4,248,735
YU1LA	3,783,546
YT5A	3,455,760
SN7Q	3,016,546
OM3CGN	2,617,269
HG1A (HA1ZN)	2,528,238
*TC3A (LZ1NK)	2,371,823

3.5 MHz

7XØRY	1,562,172
SO2R (SP2FAX)	1,078,725
YR7M (YO9GZU)	800,321
OK3R (OK1DVM)	789,090
S52AW	767,600
YLØA	756,288
YU1KR	682,443
T99W	664,056
9A5K	657,672
LN9Z (LA3BO)	650,880

1.8 MHz

LY2IJ	193,920
*YMØT (TA2RC)	117,250
ZC4LI	93,112
DF2UU	82,896
WV8JR (W8LRL)	56,760
SN2K (SP2FWC)	45,619
LY4T	40,713
YO5AJR	33,580
KH6ND	22,100
*OK1JOK	15,563

LOW POWER ALL BAND

CT6A (CT1ILT)	4,562,776
TC3D (TA3D)	3,756,288
VE3DZ	3,317,688
NV1N (N1UR)	2,939,640
EA1FAQ	2,903,784
C6AYM (K9GY)	2,559,984
UA4FER	2,500,020
EA7TN	2,426,248
3XD2Z	2,334,607
PV8DX	2,314,098
LY9A (LY3BA)	2,293,473
WJ9B	2,289,030
LY6M	2,200,308
PY2NY	2,146,688
YO3APJ	2,097,900
OM5CD	2,081,992
T94WF (S56M)	2,060,215
HA3NU	1,982,408
UT2UZ	1,881,130
S51F	1,815,192

28 MHz

9A3VM	357,930
EX2X	305,532
YO3CTK	276,340
IK1PMR	260,090
L55D (LW1EXU)	232,301
UZ5UA	223,380
HA8FK	186,588
HA8TP	171,680
RX6AH	168,487
UX4FC	161,568

21 MHz

PT7CG	840,650
YT1AD (YU1DX)	732,366
UP8A	675,220
9M8DX (VK6DXI)	610,056
UA9AFS	363,858
LU8EOT	308,257
SP2AVE	199,662
UN4PG	158,508
UA3AO	157,794
RW6AH	89,539

14 MHz

9A3B (9A1AA)	1,751,656
UN9L	1,619,628
HA8MD	1,492,614
S57Z	1,441,440
XM2FU	1,205,722
HG4F	1,051,680
DD4B (VE3ZIK)	1,019,898
UN6LN	933,401
N2WN	820,000
RW9UU	801,804

7 MHz

TC3A (LZ1NK)	2,371,823
Z35T	2,102,298
C6AWL (RA3CO)	1,957,122
S54A	1,336,944
OL6P (OK2WTM)	1,042,794
T99D	1,003,352
SN2N (SP2ASJ)	967,572
4L2M	935,640
SP2FAP	822,150
UA2FL	614,660

3.5 MHz

YTØA (YU7FU)	468,184
PAØMIR	343,403
SP5ELA/8	310,063
S59N	281,281
LY3CW	280,686
EV6M	268,125
YZ8A	245,220
HA6FQ	233,112
RW3AFY	229,250
KØXP	206,910

1.8 MHz

YMØT (TA2RC)	117,250
OK1JOK	15,563
LY2OU	10,176
SLØW (SMØAJU)	8,618
DJ8OG	7,392
WJ5K	3,864
OK1DXK	1,674

TRIBANDER/SINGLE ELEMENT

LZ8A (LZ2BE)	A	4,707,248
LZ3FN	A	4,466,660
LR4E (LU5DX)	A	4,439,966
RU9CK	A	3,778,320
*VE3DZ	A	3,317,688
S59ABC (S51DS)	A	3,089,580
EA5FV	A	3,073,029
5H3EE	A	2,864,932
RT9S (UA9SP)	A	2,763,420
CE4CT (XQ4CW)	A	2,656,012
S56A	A	2,602,842
KW3A (N4PN)	A	2,535,060
*EA7TN	A	2,426,248
IT9/S52A	A	2,367,590
*3XD2Z	A	2,334,607
WN2O (N2GC)	A	2,300,242
*T94WF (S56M)	A	2,060,215
EV1R (EU1PA)	A	2,034,576
SP5WA	A	1,979,295
S57M	A	1,950,208
*SN5J (SP5JXK)	28	114,729
OH3BU	28	99,615
ON5ZO	28	27,084
WN1GIV (N4BP)	21	766,752
*9M8DX (VK6DXI)	21	610,056
*9A4RV	21	83,888
K8IA	14	1,247,992
*DD4B (VE3ZIK)	14	1,019,898
*VE2XAA	14	725,274
*CS1GDX (CT1DRB)	14	566,244
PR5R (PY5AKW)	14	458,016
*S54A	7	1,336,944
SV1RP	7	1,139,448
IK2SND	7	992,320
*UA6LTI	7	593,217
*UW2F (UTØFT)	7	577,940
YU1KR	3.5	682,443
*PAØMIR	3.5	343,403
*S59N	3.5	281,281
*YZ8A	3.5	245,220

ROOKIE

*RU9CD	A	924,451
*F8CRS	A	387,400
*BD7KLO	A	298,116
*IZ1LBG	A	208,565
*NE7D	A	107,450
*B3APX	A	71,296
KB3P	A	57,472
*BD4ITN	A	51,240
*W4BW	A	48,256
*KE5FRF	A	36,625
*SP5XO	28	22,204
*US5IVD	28	4,959
*PU8TFA	21	325
*KT3X	14	307,536
*K4OSO	14	9,108

QRP/p

YT7TY	A	1,544,732
TI5N (W8QZA)	A	1,430,030
OK7CM	A	1,002,540
KR2Q	A	982,376
OL4W (OK1IF)	A	738,278
OM7DX	A	646,668
US2IZ	A	496,248
YP8A (YO8WW)	A	462,500
RW6HJV/6	A	453,832
DL8MBS	A	411,740
MØBPQ	28	81,952
EW6DX	28	41,040
OM7PY	28	21,960
SQ6ELV	28	21,358
LZ1MG	28	20,680
PW2C (PY2WC)	21	268,359
UX1UX	21	105,300
UU4J (UU4JO)	21	84,920
HG3IPA (HA3JB)	21	83,848
ER2RM	21	10,707
LZ1VB	14	328,042
HA6IAM	14	252,350
RU2FM	14	210,904
UA6LCJ	14	147,108
G3LHJ	14	114,210
ES1CW	7	525,844
UU2CW/QRP	7	430,962
SP1AEN	7	300,196
HAØGK	7	214,140
SP4GFG	7	140,737
LY2GW	3.5	151,182
HG6EU (HA6VA)	3.5	45,225
RA3WUO	3.5	11,956
RA3QH	3.5	7,788
LY4BF	1.8	924
DJ3GE	1.8	160

ASSISTED

NN3L (N3RS)	A	5,641,867
K3WW	A	5,543,721
TO3T (VE3KF)	A	5,407,251
G6PZ (GØRTN)	A	4,927,728
NZ1U (N2TTA)	A	3,572,160
S53O	A	3,425,092
OH8X (OH4JFN)	A	3,324,945
DK3GI	A	3,313,676
WR3Z	A	3,311,847
N3KS	A	2,971,566
RN3QO	A	2,786,724
VE3UTT (W1AJT)	A	2,771,264
*HG3M (HA3MY)	A	2,722,375
W8MJ	A	2,688,918
NN4GG (N4GG)	A	2,468,499
DK9TN	A	2,440,196
KW7Y (K7RL)	A	2,345,595
WN9O (W9IU)	A	2,280,473
OH6NIO	A	2,238,067
OK7Y	A	2,142,459
UW5W	28	309,264
F5IN	28	232,246
*9A2U (9A3ZA)	28	215,243
*RA6YDX	28	175,280
SP1NQN	28	149,952
T97C (N3UA)	21	865,998
DQ4Q	21	669,944
EO1I (UT1IA)	21	666,168
SN5M (SP5UAF)	21	655,860
*R15ØM (RA6YY)	21	437,825
RT9W (RX9WR)	14	2,561,878
UW5Q	14	2,232,424
YZ2A	14	1,925,084
YP3A (YO3GDA)	14	1,869,354
HB9DDO	14	912,716
PY7RP	7	4,215,288
YT5T	7	3,432,996
UW8M (UR5MID)	7	2,603,139
S56X	7	2,324,376
*4N1FG	7	1,880,013
HA3LI	3.5	510,454
LY8O	3.5	476,973
RU9WX	3.5	369,304
4O5Z (4N7ZZ)	1.8	116,802
*VE3MGY	1.8	39,116
NT1E (K3BU)	1.8	27,720

MULTI-OPERATOR SINGLE TRANSMITTER

P4ØL	15,992,050
EE8A	15,521,385
5D5A	15,165,971
ZF1A	14,054,082
TM7XX	10,363,000
VE3EJ	9,111,024
LR2F	8,819,720
OL3Z	7,317,024
EC2DX	7,085,192
HG1S	7,074,978
KT3Y	6,642,608
OL7R	6,402,570
4M5DX	6,272,656
NY4A	6,242,823
TMØR	6,068,125
OE2S	5,984,278
WU3A	5,636,150
DR8ØAMA	5,370,768
ZM1A	5,163,520
UA3R	4,957,506

MULTI-OPERATOR TWO TRANSMITTER

EF8M	33,033,312
OM8A	13,312,400
9A7A	12,907,656
ES5Q	11,700,700
LX7I	10,585,151
KD4D	10,228,761
RU1A	10,186,356
IR4X	10,055,650
C4I	9,504,810
KH6LC	9,226,647
HG6N	8,515,310
DKØED	8,259,680
AB1HZ	6,168,204
OL7D	5,389,736
DR5L	5,294,570
S52ZW	4,931,365
B7P	3,578,520
WX5S	3,372,376
ACØW	3,043,222
VA7RN	2,883,217

MULTI-OPERATOR MULTI-TRANSMITTER

DR1A	16,999,872
OM7M	15,780,980
NQ4I	11,097,060
ZL6QH	10,482,368
LY7A	9,039,801
NR4M	7,943,488
NX5M	6,656,382
JA3YBK	5,736,120
NØNI	5,188,376
KF7NN	4,946,289

**Low Power*

USA TOP SCORES

SINGLE OPERATOR ALL BAND

NE4AA (K1TO)	6,863,606
KC3R (LZ4AX)	5,755,506
WC1M	5,045,832
KO3A (K1ZZ)	4,980,512
AA3B	4,688,671
WK1Q (K1MK)	4,562,402
NY6N (N6MJ)	4,099,354
K3ZO	3,931,785
KT2Z (K5NA)	3,371,900
KU1CW	3,271,225
NT5C (N3BB)	3,152,480
*NV1N (N1UR)	2,939,640
WXØB (AD5Q)	2,856,216
K4RO	2,757,956
KW3A (N4PN)	2,535,060
N4ZZ	2,486,880
WN2O (N2GC)	2,300,242
*WJ9B	2,289,030
KQ2M	2,139,340
WO4O	2,095,848

28 MHz

*NA4W (K4WI)	18,130
*WD9DZV	6,882

21 MHz

WN1GIV (N4BP)	766,752
*WB4TDH	67,550
*WA7LNW	39,585
*W9ILY	35,360

14 MHz

N2MM	1,618,515
K8IA	1,247,992
W9WI	1,178,240
*N2WN	820,000
AC4TT (W1MO)	697,231
*N5DO	551,880
W9SE	349,443
*KT3X	307,536
*KR2AA	269,133
KU8E	252,047

7 MHz

NN1N	1,623,247
KZ6D (W6NL)	1,304,794
K1KI	759,021
AB9H	674,784
KT5E	653,796
WX9U	524,160
NM1JY	476,470
K5KA	300,578
*AA7AX	203,616
*W8TM	195,120

3.5 MHz

W3BGN	379,572
K9NW	234,228
*KØXP	206,910
WI4R (W4SVO)	176,358

1.8 MHz

WV8JR (W8LRL)	56,760
*WJ5K	3,864
*N9TF	800

LOW POWER ALL BAND

NV1N (N1UR)	2,939,640
WJ9B	2,289,030
WK2G	1,649,652
KS9K (N4TZ)	1,441,968
K4TD	1,182,168
W2TZ	1,089,511
KV8Q	980,120
K9QVB	909,904
KZ9O	772,191
N4EEB	709,280
KE4R	677,376
KØPK	623,616
K9OM	588,528
N4IG	577,777
NA4K	532,923
WØETT	510,720
N4PSE	478,800
NS4T	474,376
W1TO	459,585
WB2AA	438,728

28 MHz

NA4W (K4WI)	18,130
WD9DZV	6,882

21 MHz

WB4TDH	67,550
WA7LNW	39,585
W9ILY	35,360

14 MHz

N2WN	820,000
N5DO	551,880
KT3X	307,536
KR2AA	269,133
N4IJ	206,565

7 MHz

AA7AX	203,616
W8TM	195,120
N5ER	172,825
WF3C (K4EJ)	145,122
N7MAL	128,152

3.5 MHz

KØXP	206,910

1.8 MHz

WJ5K	3,864
N9TF	800

TRIBANDER/SINGLE ELEMENT

KW3A (N4PN)	A	2,535,060
WN2O (N2GC)	A	2,300,242
AA5B (@K5HAB)	A	1,914,204
K4PV	A	1,611,708
KZ5D	A	1,378,120
N3UM	A	1,354,764
K2SX	A	1,216,254
WØBH	A	1,035,119
*KV8Q	A	980,120
W6TK	A	958,329
WN1GIV (N4BP)	21	766,752
K8IA	14	1,247,992
KU8E	14	252,047
AB2MH	14	6,844
*N5PU	14	1,728
*N6AJR	7	2,686

ROOKIE

*NE7D	A	107,450
KB3P	A	57,472
*W4BW	A	48,256
*KE5FRF	A	36,625
KG6ZHC	A	32,656
*KCØVKN	A	27,501
*KT3X	14	307,536
*K4OSO	14	9,108
*W9JJC	14	1,170

QRP/p

KR2Q	A	982,376
N7IR	A	357,552
K4ORD	A	205,156
WA8WV	A	199,280
AA1CA	A	166,779
W5KDJ	A	140,556
KT8K	A	139,860
NA4BW	A	129,132
K3IU	A	80,325
WA8REI	A	74,682
WA6FGV	21	8,591
NØLY	14	59,334
K3TW	14	52,909
K4RDU	14	14,592
K2TA	7	119,850
NE6M	7	44,649
NT4D	7	36,810
N2JNZ	7	32,634
NU4B	7	29,716

ASSISTED

NN3L (N3RS)	A	5,641,867
K3WW	A	5,543,721
NZ1U (N2TTA)	A	3,572,160
WR3Z	A	3,311,847
N3KS	A	2,971,566
W8MJ	A	2,688,918
NN4GG (N4GG)	A	2,468,499
KW7Y (K7RL)	A	2,345,595
WN9O	A	2,280,473
N8BJQ	A	2,030,985
N4WW	A	2,022,570
W5WMU	A	1,722,217
KK5I (W5CW)	A	1,669,104
NC7J (W7CT)	A	1,585,964
NT2A	A	1,472,933
N5RR	21	205,920
NT1E (K3BU)	1.8	27,720
WA3AAN	14	57,876
*W5GZ	14	54,891
NS1S (K1ZZI)	7	1,667,658
*WB1EDI	7	40,553
KØCOP	7	20,672

MULTI-OPERATOR SINGLE TRANSMITTER

KT3Y	6,642,608
NY4A	6,242,823
WU3A	5,636,150
WA5Y	4,629,122
W1CU	3,267,781
NQ2F	3,056,631
AI6V	2,847,427
WE4OJ	2,266,880
AC8W	1,873,640
AD6E	1,818,170

MULTI-OPERATOR TWO TRANSMITTER

KD4D	10,228,761
AB1HZ	6,168,204
WX5S	3,372,376
ACØW	3,043,222
NG3U	2,184,593

MULTI-OPERATOR MULTI-TRANSMITTER

NQ4I	11,097,060
NR4M	7,943,488
NX5M	6,656,382
NØNI	5,188,376
KF7NN	4,946,289
WQ2N	1,523,834

**Low Power.*

once again . . . **C4W**. Tnx Roberto, CE4CT, for hosting and sharing your time to help me. What a pity condx were not quite good, but it was interesting to find OM's anywhere. CW party was great. CQWW is the contest. Congratulations to everybody who was behind the scenes . . . **CE4CT**. Glad to have the chance to give the multiplier to some stations. I used my home station in Funchal, capital city of Madeira Island . . . **CT3EE**. Again good fun. Low bands were very noisy due to QRN! It was almost impossible to work on 160m! . . . **DAØI**. Only S&P. 10-15-20m: 3-ele FB-33 14m ag. 40m: dipole 2–3m ag, the dipole is a spare for receiving, lying 1 meter on a metal balustrade. So big cheers for all 14 USA stations with really big ears who heard me, sometimes on first shot! . . . **DF2LH**. Don't forget, the fun is the power! . . . **DK3RED**. Good conditions this year. 10m very active with EU openings. Some good DX for me onQRP: HC8N in the middle of a West Coast pile-up! The weekend but I enjoyed it very much . . . **F6FTB**. Some of the WPX contest special prefixes which have loads of "dits" can be difficult to copy when they come at you for the first time at 36 wpm! . . . **G3TXF**. Thanks to Paul, G6PZ, for the use of his great station. Lack of a top-notch 40 metre antenna hurt me badly, but Paul's new 4-over-4 SteppIR stack rocked on 15 and 20. Conditions were bad? I didn't really notice. This contest is always lots of fun . . . **G6PZ**. Aired our special events callsign (GB6GW) from my station for a couple of hours as part of the 75th anniversary celebrations of Blackwood & District Amateur Radio Society. All QSLs via GWØTKX . . . **GB6GW**. The GX prefix seemed to cause a lot of confusion. It's an English club prefix. Part time operation as part of an exhibition station during Scout centenary special event station . . . **GXØSAC**. About the same number of Q's with less claimed points is the result of this year's contest. No 80 meter operation possibility is available with the new antenna. It was a fun to take part anyway. Thanks for Q's. See you next year! . . . **HA2MN**. Had a power break during Sunday for 4 hours. Murphy was calling! have not had a break in years, but of course the only weekend in the year when power was needed a tree fell over the power lines! . . . **HSØZDY**. What a surprise the shining 10m (worked K3OO at 2230Z!) and the huge EU pile-up. Super 20m with good US pile-up at times and 40m as well . . . **I2WIJ**. I was late by two days to get to my contest QTH on Thassos island, Greece. Arrived Sunday afternoon, just after I drove 1400 km. Put up my monobander gp's and started. My rest man power was enough for this result, hi . . . **J48HW**. I entered single-op 160m low power. The condition between the USA and JA was not so good, but I could QSO with AAØRS. His signal was 599+, very strong! I used M.V. (micro vert) antenna for 160m in this contest. It was very fb. Its gain was nearly equal full-size dipole . . . **JE1SPY**. he aurora level >6 and high Kp really made this a tough one for us most of the weekend. Thanks to all who took the time to turn their antennas towards KL7 . . . **KL2R**. Under such condx there

ought to be a premium for working W's. Could work all EU all day and night on all 5 bands, but DX only on 20 and 40, where they drowned in the EU QRM. Was fun anyway, and I'll still come back . . . **LA6CF**. My first CW contest and what a fine experience. Almost without exception I met patient and helpful QSO partners willing to spend a little extra time to help me get everything right. I will do this again! . . . **MØTBF**. Best fun I had in ages running on 10m sporadic-E just like solar max but not DX . . . **MUØFAL**. A lot of fun despite generally bad propagation and QRN. Thanks to OH6LI for the station and to OH3AG for the callsign . . . **OF3F**. What a bad contest it was for me this year. Stormy weather (QRN). No QSOs withNA, SA, JA. I hope better condx, weather, and result next year. Thanks to all who heard my QRP signal in the noise . . . **OK1DSA**. Nice to work a hundred or so stations on 10m at the sunspot minimum! Great to work some new prefixes towards my WPX Award. Contests are fun. QSLing those contacts is even more fun! . . . **ON4CAS**. OU3, a new prefix for the first time in CQ WPX, but what a disappointment! Three out of four stations questioned the call by coming back to me . . . **OU3A**. Heavy QRN on the second night from thunderstorms made copying stations a real challenge . . . **P40A**. Worked QRP with my FT-817 and inverted-V. Best DX were HK1X and HC8N in the last hours of the contest (hi). Thank you for the nice contest . . . **PA1B**. Was surprised fb propagation on 10m. Tnx to all calling me. See you next year . . . **RV2FW/1**. When on the evening of the second day after a power break I lost whole day QSOs (at about 2000 QSOs) I gave up! Next time better . . . **S50R**. High noise level from thunderstorm. Second night surprised with strong NA signals but due to the 36 hour rule had planned for rest. However I like the 36 hour rule; you must plan ahead to be on the bands at the right time which also is a part of the competition . . . **SC3N**. Lucky for me my Writelog has great decoder for CW, so therefore I was able to participate. Unbelievable CW speed some send. But my CW ability is slowly returning. This is great fun and much easier to break through than on RTTY . . . **TF3AM**. There were hours in this contest where I struggled to work ten QSOs and other hours where my 5 watts seemed to work the world with one call. Thanks to Keko (TI5KD) and his wonderful wife Sophie for hosting me in the 5th year of doing this contest from there . . . **TI5N**. Fb 28 MHz QSOs! . . . **UA3AKI**. Not bad contdition on 10m. Much fun as usual . . . **UR5IKN**. My first contest operating from Oceania . . .

(Continued on page 105)

CONTINENTAL LEADERS

AFRICA

1.8	No Entry	
3.5	7XØRY	1,562,172
7	*EA8NQ	248,970.00
14	*EA8DA	702,240
21	AM8AAG	704
28	*ED8AMY	384
AB	3V8BB	13,036,170

ASIA

1.8	*YMØT	117,250
3.5	RV9SV	269,147
7	4L8A	4,351,570
14	*UN9L	1,619,628
21	9K2HN	2,781,509
28	TA2ZAF	1,754,830
AB	P33W	10,034,956

EUROPE

1.8	LY2IJ	193,920
3.5	SO2R	1,078,725
7	S57AW	4,248,735
14	YT2T	3,119,402
21	4O2A	1,255,484
28	RU6CQ	754,290
AB	9A1A	6,266,028

NORTH AMERICA

1.8	WV8JR	56,760
3.5	W3BGN	379,572
7	*C6AWL	1,957,122
14	N2MM	1,618,515
21	WN1GIV	766,752
28	*WP3C	132,200
AB	VY2TT	7,864,881

OCEANIA

1.8	KH6ND	22,100
3.5	YC2MXV	845
7	ZM3A	6,043,950
14	VK4BUI	181,940
21	*YBØYAD	17,219
28	*YB2EMK	2,184
AB	KH6WT	4,120,146

SOUTH AMERICA

1.8	PY7ZY	680
3.5	*PR7AR	1,014
7	P4ØA	6,114,276
14	HK1X	2,785,476
21	LS1D	1,836,510
28	LW9DA	1,726,452
AB	HC8N	12,530,262

MULTI-OPERATOR SINGLE TRANSMITTER

AF	EE8A	15,521,385
AS	JA5FDJ	2,674,649
EU	TM7XX	10,363,000
NA	ZF1A	14,054,082
OC	ZM1A	5,163,520
SA	P4ØL	15,992,050

MULTI-OPERATOR TWO TRANSMITTER

AF	EF8M	33,033,312
AS	C4I	9,504,810
EU	OM8A	13,312,400
NA	KD4D	10,228,761
OC	KH6LC	9,226,647
SA	No Entry	

MULTI-OPERATOR MULTI-TRANSMITTER

AF	No Entry	
AS	JA3YBK	5,736,120
EU	DR1A	16,999,872
NA	NQ4I	11,097,060
OC	ZL6QH	10,482,368
SA	No Entry	

**Low Power*

Results *(from page 30)*

VK2CCC. I could have done without the electrical storms here in Queensland . . . **VK4EJ**. G'day to all in the test. I seem to be in a propagation desert . . . **VK4TT**. This was the first time a special prefix had been authorized for use from here. Hopefully there will be more to come . . . **VQ97JC**. With the conditions, after 23 QSOs on 40m with 100W I understood I was on for hard work all band so I went SOSB 20m LP and some sleep! Three goals achieved: 1000 QSO mark and 1,000,000 pts, and have some fun! This is enough for my age! . . . **XM2FU**. Work commitments on 1st day and static noise from thunderstorm on 2nd night dramatically limited my op hours. Tks for the great ears of the superstations and a great contest. Cu agn next year . . . **YB6LD**. A tough contest with poor condx for us. Our raw Multi-Multi score of 10.8M is 10% lower than last year's Multi-Two and much lower than our OC record of 16M. The underperforming bands were 10m, 15m, and 160m with some frustrating one-way propagation . . . **ZL6QH**.

SSB & CW COMBINED CLUB SCORES

BAVARIAN CONTEST CLUB	**174,747,673**
ARAUCARIA DX GROUP	110,093,486
POTOMAC VALLEY RADIO CLUB	**108,046,668**
NORTHERN CALIFORNIA CONTEST CLUB	98,685,035
RHEIN RUHR DX ASSOCIATION	95,205,700
CONTEST CLUB ONTARIO	90,352,527
LU-CG CONTEST GROUP	72,485,682
FRANKFORD RADIO CLUB	63,914,253
YANKEE CLIPPER CONTEST CLUB	62,799,664
SLOVENIA CONTEST CLUB	61,278,501
FLORIDA CONTEST GROUP	54,933,419
CONTEST CLUB FINLAND	51,179,045
YU CONTEST CLUB	49,960,967
WORLD WIDE YOUNG CONTESTERS	41,903,638
BLACK SEA CONTEST CLUB	39,764,510
UKRAINIAN CONTEST CLUB	37,018,967
RUSSIAN CONTEST CLUB	35,444,417
URAL CONTEST GROUP	31,230,524
SOUTH EAST CONTEST CLUB	28,043,176
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	25,922,533
CROATIAN CONTEST CLUB	24,679,803
SOCIETY OF MIDWEST CONTESTERS	24,331,790
MAD RIVER RADIO CLUB	22,764,676
CT RI CONTEST GROUP	22,502,015
LZ CONTEST TEAM	22,374,867
HA DX CLUB	21,775,433
SOUTHERN CALIFORNIA CONTEST CLUB	21,435,377
CENTRAL TEXAS DX AND CONTEST CLUB	20,789,376
TENNESSEE CONTEST GROUP	20,552,405
CARIBBEAN CONTESTING CONSORTIUM	19,584,176
SP DX CLUB	19,275,905
LITHUANIAN CONTEST GROUP	18,193,920
WESTERN WASHINGTON DX CLUB	17,547,147
LATVIAN CONTEST CLUB	15,746,083
TUPY DX GROUP	15,426,523
NORTH COAST CONTESTERS	13,361,705
TARTU CONTEST TEAM	13,325,784
FOX CONTEST CLUB	12,990,745
SKY CONTEST CLUB	12,297,028
BASHKORTOSTAN DX CLUB	12,054,950
GUARA DX GROUP	11,491,584
CONTEST GROUP DU QUEBEC	11,075,121
VK CONTEST CLUB	10,227,224
MINNESOTA WIRELESS ASSOCIATION	10,144,142
SRCC (STAVROPOL REGIONAL CONTEST CLUB)	9,994,475
BRITISH COLUMBIA DX CLUB	9,824,702
EAST COAST CANADA CONTEST CLUB	8,819,488
4M5DX GROUP	8,073,455
CENTRAL ARIZONA DX ASSOCIATION	7,961,588
VRHNIKA CONTESTERS	7,276,840
KYIV CONTEST GROUP	7,250,152
NORTH TEXAS CONTEST CLUB	7,185,361
KANSAS CITY DX CLUB	6,679,505
LNDX CLUB	6,603,904
CAJUN CONTEST CLUB	6,442,316
SUCC	6,426,882
WEST SERBIA CONTEST CLUB	6,247,086
HUDSON VALLEY CONTESTERS & DXERS	6,171,576
ARUK	6,156,246
BELARUS CONTEST CLUB	5,813,857
TIKIRRIKI CONTEST CLUB	4,883,126
GRAND MESA CONTESTERS OF COLORADO	4,455,144
ORENBURG CONTEST CLUB	4,443,962
ORDER OF BOILED OWLS OF NEW YORK	4,212,785
MARITIME CONTEST CLUB	4,098,867
DX XE	3,821,214
CENTRAL SIBERIA DX CLUB (CSDXC)	3,432,040
TOP OF EUROPE CONTESTERS	3,298,890
KKKK (CONTEST CLUB KRASNODARSKOGO KRAYA)	3,289,835
SHAKHAN CONTEST CLUB	3,215,253
TEMIRTAU CONTEST CLUB	3,142,696
ALABAMA CONTEST GROUP	3,138,811
GRUPO ARGENTINO DE CW	3,012,138
ALRS SAINT-PETERSBURG	2,781,573
MOSCOW RADIO CLUB	2,430,691
CAROLINA DX ASSOCIATION	2,319,040
CZECH CONTEST CLUB	2,292,752
ROCHESTER DX ASSOCIATION	2,266,922
OMSK RADIO CLUB	2,257,297
SP CONTEST CLUB	1,975,129
SASKATCHEWAN CONTEST CLUB	1,922,313
BOSNIA-HERZEGOVINA CONTEST CLUB	1,868,225
OKLAHOMA DX ASSOCIATION	1,853,172
UTAH DX ASSOCIATION	1,806,998
NRC (NOVOKUZNETSK RADIO CLUB)	1,611,512
TERA RADIO CLUB	1,423,825
IVANOVO DX CLUB	1,405,772
CDXC	1,339,606
NOR	1,269,539
ARCK	1,246,688
ALBERTA CLIPPERS	1,107,006
POISK	1,020,498
DANISH DX GROUP	1,006,169
PODOLSK RADIO CLUB	986,807
RAAWG	893,429
MARCONI CONTEST CLUB	872,672
AUSTRIAN CONTEST CLUB	806,630
CHILTERN DX CLUB	751,693
U-DX-C	669,264
NORTHERN ILLINOIS DX ASSOCIATION	622,690
ORARI	611,982
VLADIMIR RADIO CLUB	601,652
OBNINSK QRU CLUB	584,685
ISTRITA BUZAU	526,012
SIAM DX GROUP	510,119
RU-QRP CLUB	475,507
WEST PARK RADIOPS	475,206
KENTUCKY CONTEST GROUP	470,003
HARC (HIGHWAY AMATEUR RADIO CLUB)	429,422
KOLOMNA	340,123
BAY AREA WIRELESS ASSN	329,898
SAN DIEGO DX CLUB	322,948
NOVIOMAGUM DX CLUB	273,360
SERPUKHOV CLUB	222,053
RTTYCJ(RTTY CONTESTERS OF JAPAN)	195,295
SAO PAULO CONTEST GROUP	190,105
DAUBERVILLE DX ASSN	177,173
WILLIAMSBURG AREA AMATEUR RADIO CLUB	108,777
NOGINSKY	104,328
NANAIMO AMATEUR RADIO ASSOCATION	76,925
YO DX CLUB	76,277
RADIO CLUB VENEZOLANO	74,697
METRO DX CLUB	50,670
R4F-DX-G	46,045
C.S.M CRAIOVA	18,634

USA QRM

My first WPX in a very long time. Many thanks to K5HAB and W5HAB for letting me visit and operate . . . **AA5B**. I only got to operate for an hour or two with my MFJ-9020 but I had a lot of fun! . . . **AA5TB**. Always fun. QRN a little high. Did better than last year and look forward to the next. Thanks to all . . . **AA7FK**. Slow going on Friday night and Saturday morning, but a big improvement in conditions by Saturday night. Thanks to all the ops who make it a great event . . . **AB3CX**. Condx not bad, except for the thunderstorms which came through 1.5 hrs before the end. Equipment problems abounded. Apologies to all those who had to decipher my lousy CW. Also noticed that AB3EI is a terrible contest call. See you next year (with a new call) . . . **AB3EI.** This was like two separate contests, one in EU and another in NA! . . . **AK1W**. I was all set to go with automated contesting (first time) and my computer crashed! Spent most of the weekend recovering everthing. Finally go it going again and was able to almost make my score from 2006. My setup has improved, so I'll be ready to compete next year . . . **KØLDS**. Glad to hear signals on 10 and 15! . . . **K3GW**. Had the flu and wasn't sure I was going to operate at all, but this was so much fun I managed to keep at it on and off all weekend. All S&P. Next time will try some running too. My Hexbeam started acting strange on Sunday and found a branch had snagged it . . . **K4XD**. Used WW II vintage handkey, a little sloppy at times . . . **K5BZH**. My first WPX! Elecraft K2 running 5W to Hustler 6BTV on my roof about 20 feet up. Two tuned radials for every band except 80m, which has none. My roof is too small! Good fun even if conditions made QRP very challenging . . . **K6DBG**. Great contest at the bottom of the cycle! 15 meters needed help! Nice to work the 7XØ on 80 and have the J28 call me on 20. Thanks for the great time! . . . **K8GL**. Horrible conditions. Heard many EU stations that did not hear me. Heard zero JA's or OC . . . **KC7UP**. First time in this contest. Lots of fun! Can't wait for next year! . . . **KC8SQC**. Wow. I loved this contest. A lot of fun. I'm hoping I place in the Rookie cataegory! . . . **KE5FRF**. Thanks to Ranko, YT6A/4O3A for letting me break in his new U.S. callsign . . . **KO3A**. After 13 years away it is nice to be back. Operated with only ground-mounted vertical and KW. Boy did I miss the fun! . . . **KQ8M**. If I knew that I was going to be this close to 1 million points I would have taken a shorter lunch and dinner break! . . . **KR2Q**.Here it is late May and a pipeline to West Africa on 40m from MT. Got 5D5A on first call right after QSYing from 20. Flipped the dial once and there he was. Now that's the way I like to work a new prefix! . . . **KS7T**. Some on the East Coast see the WPX as a combination of two contests, DX and SS. When the DX slows down they shift to running stateside stations. In that view the past WPX was the best of all possible worlds for them. . . . **KS9K**. With tribander 20K more points than last year! . . . **N4DXI**. Despite high line noise half-decent conditions Sunday on 20 allowed me to have a few minutes of fun for the first time in a long time . . . **N4TO**. Activity seemed down because of low sun spots and higher than normal K-index. Enjoyed using Super Duper contest program . . . **N4UH**. First ever CW contest. Had a blast. See u next time! . . . **N4VZ**. This was certainly one of the more grueling contests I've been in. Friday night I bailed at about 10 PM local as I just wasn't getting anywhere. I heard later that there was a great JA opening around midnight that I missed . . . **N6WG**. Really tough conditions with a simple shortened dipole at 35 ft. Lots of lightning/rain static Friday night with almost zero activity. Saturday night lower noise but same stations heard! In memory of Dave, W9LYA . . . **N9TF**. Great contest. I am looking forward to better condition next year. Thanks to all for the extra effort to pull me out of the bad conditions . . . **NA4C**. Surprised KH6ND and CX6VM came through the crashes on 160m. Surprised ZL6QH came through on 10m at all . . . **NE5D**. First time out for us. Had a great time. Hope conditions are better next year! . . . **NQ2F**. Condx bad Friday night. Much better Saturday night. Always a great contest. Rig Heath HW-9, antenna Carolina Windom . . . **NU4B**. Used the District of Columbia ARS callsign NW3DC on HF for the first time. Too many thought I was LW3DC, the curse of super check partial! . . . **NW3DC**. I thought for the first 20 some hours that this would be a NA/SA contest only as condx into EU and Asia were nil. But Saturday evening 20m opened to EU, ZL, and JA vy strong. Sunday morning another fb opening all day into EU . . . **WØETT**. It was wonderful to operate in the contest with Champ, E21EIC, who just passed his U.S. Extra class exam a few days earlier . . . **W1CU**. Bands punky, but made some good catches, especially New Zealand . . . **WA8REI**. Had fun. Couldn't work much of the contest, but hope I gave some folks some new prefixes. God bless! . . . **WJ5K**. First time with club call WQ8RP. Lousy DX antenna (67 ft. center fed dipole fed with 450 ohm line). Did surprizingly well for a "so-so" contester and marginal setup . . . **WQ8RP**.

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	TAØ/Z33F ('02)	1,452,522	348
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

P49V('01)		19,760,774	1034

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	K1ZM('93)	406,080	288
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

HC8N('01)	1299

QRP/p RECORD

P4ØW('97)	4,018,208

CONTINENTAL RECORD HOLDERS

AFRICA

1.8	IH9/OL5Y('98)	341,068	182
3.5	7XØRY ('07)	1,562,172	402
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	P3A('01)	10,723,620	870

EUROPE

1.8	SN2B('06)	323,140	302
3.5	S57AW('04)	1,333,014	489
7.0	TM7XX('06)	4,829,660	757
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	7W2OM('06)	19,164,355	1039
AS	P3A('02)	18,176,342	1046
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	RU1A('05)	14,648,208	1128
NA	KM4M('04)	16,283,745	1095
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	4OØA('00)	20,932,902	1143
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

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.)

2007 WPX CW RESULTS
SINGLE OPERATOR
QRP/p

YT7TY	A	1,544,732	1336	602
TI5N	A	1,430,030	1133	434
			(Op: W8QZA)	
OK7CM	A	1,002,540	1037	490
KR2Q	A	982,376	890	437
OL4W	A	738,278	883	419
			(Op: OK1IF)	
OM7DX	A	646,668	796	426
US2IZ	A	496,248	793	348
YP8A	A	462,500	598	370
			(Op: YO8WW)	
RW6HJV/6	A	453,832	668	376
DL8MBS	A	411,740	684	346
N7IR	A	357,552	572	312
EA7AAW	A	316,332	523	348
JA1MCU	A	314,944	465	266
UA1CUR	A	313,424	558	304
RV3QX	"	237,552	493	294
HA5BA	A	225,998	427	289
LZ7H/QRP	A	224,679	514	273
F6FTB	A	214,200	424	280
LY5G	A	209,376	497	288
			(Op: LY2FE)	
K4ORD	A	205,156	390	238
WA8WV	A	199,280	339	235
YO4AAC	"	182,035	445	245
RAØAY	A	167,178	319	187
AA1CA	A	166,779	325	213
UX8ZA	"	157,542	364	231
UY5VA	"	148,608	345	216
RW3AI	"	147,705	373	229
OK2BWJ	"	144,936	396	244
W5KDJ	A	140,556	342	212
KT8K	"	139,860	354	210
HB9DAX	A	136,983	294	231
NA4BW	"	129,132	404	211
SP4DC	A	118,080	337	240
RW9RN/QRP	"	113,602	255	158
JA1NLX	"	106,928	214	164
G3YMC	A	103,500	325	207
RK4FB	"	95,004	289	182
EW1NA	A	94,920	317	226
UT2IO	"	94,248	287	198
PA1B	A	91,674	301	198
RA3FO	"	84,870	315	205
K3IU	A	80,325	215	153
RV3DBK	"	75,063	302	191
WA8REI	"	74,682	255	162
PAØADT	"	71,370	254	195
VA3RKM	A	70,752	195	132
DG8VE	A	68,544	254	192
N6WG	A	67,636	297	148
KO1H	"	56,658	175	133
8J4P/4	"	46,620	322	105
			(Op: JA4MRL)	
F5UKL/QRP	"	44,080	225	145
OM4RF	"	43,836	206	156
WA3RML	"	42,372	216	132
DL8AWK	"	38,624	197	142
KK4PQ	"	36,208	190	124
WQ8RP	"	34,770	198	122
			(Op: N8XX)	
DJ7EC	"	34,048	164	128
EU1AZ	"	33,154	156	121
IK1RAC	A	32,092	137	113
K3ATO	"	30,552	150	114
WC7S	"	28,971	192	111
UT5UUV	"	28,800	169	128
N4JF	"	27,233	135	113
VE6EX	A	25,875	101	69
IZ3GHP/QRP	"	22,680	119	105
RV9AZ	"	21,894	95	82
8J5P	"	18,565	181	79
YO2MAX	"	18,375	138	105
DL1JBE	"	17,928	124	108
LA1ENA	A	17,820	141	110
OK1OPT	"	17,069	126	101
			(Op: OK1JOC)	
DL5ASE	"	15,974	115	98
DL1LAW	"	14,276	106	86
ON3AD	A	12,848	106	88
SP2DNI	"	12,684	98	84
K5OI	"	12,551	103	77
UAØSBQ	"	9,853	74	59
BG4SGP	A	9,462	79	57
N4CYV	"	9,450	97	75
K6DBG	"	7,840	78	49
I1BAY	"	7,705	81	67
DL2SBA	"	7,630	78	70
DL9GTI	"	7,276	77	68
9A/OK1CZ	A	6,206	66	58
PA3GCV	"	5,841	63	59
K4WY	"	5,390	50	49
KD4HXT	"	4,788	60	42
SM6AHU	A	4,675	59	55
DL3BVA	"	3,795	63	55
JK1TCV	"	3,500	30	28
AF9J	A	3,380	61	52
HB9AYZ	"	3,300	55	50
DM1LM	"	3,268	52	43
SNØRQH	"	3,232	38	32
HB9IQB	"	3,050	56	50
SM5EFX	"	2,940	53	49
KC8SQC	"	2,829	47	41
W2JEK	"	2,538	33	27
DL9NDV	"	2,226	47	42
KI4FW	"	1,995	40	35
PY4ZO	A	1,064	20	19
USØYA	"	875	25	25
AC5ZQ	"	840	24	24
N4OB	"	480	16	16
VA7CPC	A	324	11	9
LZ2LE	"	1	1	1
MØBPQ	28	81,952	258	197
EW6DX	28	41,040	218	152
OM7PY	28	21,960	150	122
SQ6ELV	28	21,358	155	118
LZ1MG	28	20,680	138	110
US6IMA	28	17,670	118	93
G3WW	"	8,162	98	77
SP4TBM	"	7,854	88	77
OH6NPV	28	5,984	82	68
LY2BBF	28	1,776	38	37
JE2LPC	28	48	6	6
PW2C	21	268,359	351	273
			(Op: PY2WC)	
UX1UX	21	105,300	350	234
UU4J	"	84,920	254	220
			(Op: UU4JO)	
HG3IPA	21	83,848	332	223
			(Op: HA3JB)	
ER2RM	21	10,707	95	83
JH7RTQ	21	10,064	94	68
WA6FGV	21	8,591	83	71
JR1NKN	"	6,944	76	62
RA3XEV	21	5,985	67	57
OK1AIJ	21	4,697	65	61
LY2BNL	21	2,688	54	48
JQ6PAQ	"	900	28	25
JA1KPF	"	45	5	5
LZ1VB	14	328,042	548	403
HA6IAM	14	252,350	503	350
RU2FM	14	210,904	459	328
UA6LCJ	14	147,108	407	276
G3LHJ	14	114,210	288	235
UX2MF	14	99,296	300	232
HA7MW	"	99,051	303	241
NØLY	14	59,334	221	174
K3TW	14	52,909	170	157
OK1DSA	14	48,174	223	186
UT4MF	"	39,936	180	156
II9H	14	38,394	197	162
			(Op: IT9LNH)	
KP4FP	14	26,300	108	100
			(Op: KP3T)	
F5VBT	14	23,684	145	124
K4RDU	14	14,592	115	96
RW3VZ	"	12,879	87	81
9A8MM	14	12,672	98	88
HA5OB	"	9,296	86	83
ND3D	"	6,283	71	61
NF8M	14	5,307	67	61
VO1TA	14	3,069	33	31
W8EH	"	1,428	29	28
KCØLND	"	1,320	34	33
ZB2X	14	1,216	32	32
			(Op: OH2KI)	
AA5TB	14	1,026	27	27
KZ5OM	"	713	23	23
			(Op: K6III)	
K6III	14	247	15	13
ES1CW	7	525,844	506	374
UU2CW/QRP	7	430,962	467	331
SP1AEN	7	300,196	433	299
HAØGK	7	214,140	335	249
SP4GFG	"	140,737	272	211
K2TA	7	119,850	200	170
YU1LM/QRP	7	103,104	234	192
G4DBW	7	81,480	195	168
F5UL	7	76,152	171	152
RU3RM	7	56,990	177	139
NE6M	7	44,649	156	121
NT4D	7	36,810	97	90
N2JNZ	"	32,634	130	111
NU4B	"	29,716	101	92
LY2GW	3.5	151,182	315	227
HG6EU/QRP	3.5	45,225	160	135
			(Op: HA6VA)	
RA3WUO	3.5	11,956	88	61
RA3QH	"	7,788	72	59
JF2MBF	3.5	135	12	9
LY4BF	1.8	924	21	21
DJ3GE	1.8	160	10	10

SINGLE OPERATOR
UNITED STATES

WC1M	A	5,045,832	2182	792
KO3A	A	4,980,512	2205	808
			(Op: K1ZZ)	
WK1Q	A	4,562,402	2092	758
			(Op: K1MK @K1TTT)	
KQ2M	"	2,139,340	1297	590
AK1W	"	1,048,424	828	442
			(Op: K5ZD)	
W1EBI	"	225,982	303	206
NY1Q	"	157,696	363	224
			(Op: N3KCJ)	
W1UJ	"	81,830	227	167
K1KD	"	32,877	168	117
KC1F	"	26,751	124	111
NN1N	7	1,623,247	869	499
K1KI	7	759,021	500	339
NM1JY	"	476,470	492	310
***NV1N**	A	2,939,640	1738	660
			(Op: N1UR)	
***W1TO**	A	459,585	490	315
***K1TR**	A	221,816	334	233
*WA1Z	"	128,760	237	174
*W2QQ	"	94,162	261	178
*NJ1H	"	93,687	226	167
*KZ1M	"	36,864	198	128
			(Op: W1EQ)	
*N1AA	"	12,670	102	70
*K1SND	"	11,970	79	70
***W1/CT1AGF**	14	25	5	5
***KØXP**	3.5	206,910	344	242
WN2O	A	2,300,242	1456	602
			(Op: N2GC)	
AB3CX	A	1,246,352	1008	488
K2FU	A	1,237,064	1001	478
KW2O	"	506,688	604	348
			(Op: N2UN)	
N2NI	"	109,394	214	166
W2FUI	"	69,036	173	132
WT4Q	"	19,360	94	80
KC2GOW	"	8,232	55	49
K2XA	"	1,725	25	23
N2MM	14	1,618,515	1266	631
AB2MH	"	6,844	65	59
***W2TZ**	A	1,089,511	903	467
***WB2AA**	A	438,728	541	317
***AI2N**	A	256,968	392	258
*WW2J	"	184,164	254	206
*K2MK	"	142,681	261	187
*AI2I	"	131,290	262	190
*N2FF	"	130,140	229	180
*KD2MX	"	121,128	318	196
*WA2JQK	"	107,525	253	187
*W2LE	"	78,542	198	173
*WA2EYA	"	69,003	234	153
*WA2MCR	"	62,764	179	142
*KA2D	"	48,477	160	143
*K2YLH	"	37,820	147	124
*AA1O	"	21,534	106	97
*AA2NA	"	5,800	66	58
***KR2AA**	14	269,133	453	317
*WB2ART	"	594	22	22
KC3R	A	5,755,506	2575	831
			(Op: LZ4AX)	
AA3B	A	4,688,671	2249	767
K3ZO	A	3,931,785	1782	715
N3UM	"	1,354,764	1001	493
K3WI	"	1,270,344	1080	492
W3FV	"	409,656	469	312
KE3OM	"	98,464	253	181
			(Op: K3NCO)	
KB3P	"	57,472	160	128
N3NZ	"	35,547	164	123
W3TUA	"	24,947	121	101
W3GG	"	20,967	93	87
W3BGN	3.5	379,572	444	282
***N3XL**	A	139,178	279	202
***N8NA**	A	109,560	214	166
***NS3T**	A	106,922	305	193
*AB3EI	"	97,527	253	177
*WA1LWS	"	72,063	208	153
*WA3OFF	"	56,232	177	132
*WA2VQV	"	52,470	197	159
*W6AAN	"	29,866	128	109
*NW3DC	"	9,664	70	64
			(Op: W3DQ)	
*K3GW	"	6,944	68	56
*KB3KRW	"	2,769	41	39
*KF3CV	"	152	8	8
*N3GE	"	144	10	9
NE4AA	A	6,863,606	2839	887
			(Op: K1TO)	
K4RO	A	2,757,956	2053	694
KW3A	A	2,535,060	1784	668
			(Op: N4PN)	
N4ZZ	"	2,486,880	1906	660
WO4O	"	2,095,848	1788	626
K4PV	"	1,611,708	1548	588
			(Op: K4PV)	
K2SX	"	1,216,254	1250	503
W4QM	"	1,023,864	944	444
K4LQ	"	551,178	535	354
K4AMC	"	511,224	626	357
W7QF	"	487,508	494	322
K1GU	"	482,022	670	366
K4HAL	"	436,560	593	340
AD4EB	"	403,071	661	339
NE4M	"	323,605	577	305
N4VZ	"	177,390	409	219
W4NTI	"	172,050	385	222
N4DW	"	170,984	349	232
W4NZ	"	144,000	293	200
KE1F	"	66,845	196	145
AE4EC	"	60,976	205	148
N4UH	"	33,578	123	103
NI5F	"	20,430	122	90
KA1ARB	"	13,728	96	78
K4OH	"	3,640	35	35
WN1GIV	21	766,752	999	489
			(Op: N4BP)	
W9WI	14	1,178,240	1180	560
AC4TT	14	697,231	836	467
			(Op: W1MO)	
KU8E	"	252,047	494	307
N4PJ	"	194,766	408	286
N4TO	"	66,906	180	177
WI4R	3.5	176,358	368	221
			(Op: W4SVO)	
***WJ9B**	A	2,289,030	1751	615
***WK2G**	A	1,649,652	1344	556
***K4TD**	A	1,182,168	1005	468
*N4EEB	"	709,280	814	403
*KE4R	"	677,376	750	378
*N4IG	"	577,777	630	373
*NA4K	"	532,923	674	349
*N4PSE	"	478,800	560	304
*NS4T	"	474,376	638	344
*AA4NC	"	357,028	493	287
*W4YE	"	329,294	434	301
*N3CZ	"	306,973	410	251
*WA4JUK	"	302,244	557	283
*KY4F	"	290,997	576	279
*K4MF	"	263,418	420	258
*W6UB	"	236,328	407	258
*W4MY	"	209,950	397	247
*W4ARM	"	208,864	386	244
*KE4KY	"	176,015	376	235
*W4LT	"	167,562	305	214
*KI3O	"	156,107	313	203
*K4BK	"	153,612	338	204
*WA3GNW	"	138,580	293	205
*W4RYW	"	133,168	232	203
*K4OD	"	120,712	306	191
*NA4C	"	118,272	311	192
*WA4OSD	"	97,888	297	184
*N4HXI	"	84,672	240	168
*N4WO	"	83,210	239	157
*WØQQG	"	79,254	197	153
*K4EU	"	79,218	222	162
*W4KPG	"	75,802	183	151
*K4FTO	"	72,534	211	154
*NU4I	"	70,707	206	147
*N4TB	"	69,136	222	149
*AA4SD	"	58,499	180	137
*W4RQ	"	55,440	128	110
*N4DXI	"	53,382	157	123
*W4BW	"	48,256	198	128
*WD4AHZ	"	43,776	184	144
*K4LNN	"	31,944	169	121
*KN4Y	"	25,623	165	117
*NA4RO	"	24,823	111	103
			(Op: W4BCG)	
*N3JT	"	20,340	96	90
*K4APG	"	19,344	111	93
*NK4CC	"	17,563	115	91
			(Op: K4CC)	
*K4ZH	"	14,620	98	85
*WC4J	"	7,410	72	65
*W4BCG	"	6,944	68	62
*AC4JI	"	6,750	50	45
*N4VA	"	4,576	50	44
*K6ETM	"	4,356	38	36
*K3MZ	"	4,340	41	35
*WB5NMZ	"	4,278	41	31
*W5RW	"	4,255	44	37
*AC4PQ	"	2,457	29	27
***NA4W**	28	18,130	133	98
			(Op: K4WI)	
***WB4TDH**	21	67,550	231	175
***N2WN**	14	820,000	785	500
*K4OSO	"	9,108	76	69
*KO4OL	"	2,613	40	39
*N5PU	"	1,728	37	36
*N4MM	"	1,846	26	26
***WF3C**	7	145,122	270	201
***WJ5K**	1.8	3,864	48	42
			(Op: K4EJ)	
KT2Z	A	3,371,900	2248	700
			(Op: K5NA)	
NT5C	A	3,152,480	2237	680
(Op: N3BB)				
WXØB	A	2,856,216	2098	698
			(Op: AD5Q)	
AA5B	"	1,914,204	1672	593
			(Op: @K5HAB)	
KZ5D	"	1,378,120	1423	526
WC5T	"	1,327,670	1308	515
			(Op: K5PI)	
NZ5DX	"	1,289,960	1131	542
			(Op: K5MR)	
NQ5D	"	1,152,404	1280	484
			(Op: K5NZ)	
N5PO	"	908,040	956	460
NF5T	"	712,332	1006	421
			(Op: K5BG)	
N5XZ	"	423,981	618	369
NE5D	"	389,059	520	313
			(Op: K5RX)	
KD5JAA	"	71,504	224	164
K5ER	"	5,768	60	56
WØZW	"	3,072	34	32
K5KA	7	300,578	451	274
***W5RYA**	A	309,520	629	292
***K0GEO**	A	227,908	501	251
***KC5R**	A	223,872	470	264
*NJØIP	"	69,394	251	157
*W5TD	"	60,198	245	158
*KM5PS	"	56,927	221	151
*KE5AQD	"	54,054	207	143
*W5PQ	"	53,505	219	145
*K5BZH	"	45,288	224	148
*KE5FRF	"	36,625	174	125
*KD5J	"	16,992	128	96
*K5GM	"	525	16	15
*N5EYT	"	304	16	16
*AD5QB	"	208	15	13
***N5DO**	14	551,880	756	438
*N4IJ	"	206,565	356	293
***N5ER**	7	172,825	284	223
NY6N	A	4,099,354	2429	698
			(Op: N6MJ @ W6YI)	
NF6A	A	2,053,200	1399	600
			(Op: K6XX)	
W6TK	A	958,329	1133	457
N6AA	"	610,203	774	363
K6NA	"	414,176	566	301
W4UAT	"	396,651	617	327
AA6PW	"	348,900	746	300
NW6P	"	313,536	597	276
WF6C	"	271,794	615	291
			(Op: N6XI)	
K6LRN	"	221,131	413	251
KI6T	"	104,234	265	211
NA6Q	"	101,897	304	173
			(Op: W6SJ)	
W6NKR	"	86,508	224	162
KG6ZHC	"	32,656	155	104
AE6RF	"	29,290	142	101
W6VNR	"	22,176	107	84
N6AN	"	21,186	128	99
W1RH	"	20,273	139	97
KZ6D	7	1,304,794	924	449
			(Op: W6NL)	
***WT6K**	A	119,175	350	175
***NK6A**	A	68,949	282	163
***W6IYS**	A	68,250	265	150
*WA6BOB	"	62,463	217	141
*N6MUF	"	61,716	227	148
*K6DEX	"	50,688	202	132
*WDØAVV	"	29,070	177	114
*K6CSL	"	27,664	165	112
*AD6ZJ	"	24,990	145	105
*K6OWL	"	17,617	100	79
*W6SZN	"	14,784	119	88
*N6NM	"	6,944	77	62
*KG6HAF	"	6,431	67	59
*K6LE	"	5,050	61	50
*WA6L	"	4,752	67	54
*K6BBQ	"	143	12	11
***NP4IW/KM6**	21	12,616	128	83
***KM6Z**	14	161,336	440	268
*N6HE	"	12,408	106	88
***W6/VK2IMM**	7	28,980	101	90
*N6AJR	"	2,686	38	34
WR7HE	A	1,495,920	1236	542
			(Op: K7QQ)	
KC7V	A	1,477,069	1369	517
K7ZZ	A	988,524	1124	452
K7WP	"	807,708	938	422
W7ZR	"	450,208	804	352
W7OM	"	286,713	504	287
W7SW	"	207,000	449	250
NR7DX	"	107,793	343	203
			(Op: K7ABV)	
NI7R	"	96,330	253	190
KS7T	"	60,792	228	149
KC7UP	"	33,900	131	113
NI7F	"	33,900	191	113
N6KW	"	32,944	168	116
K7GK	"	24,840	120	90
K7EG	"	24,096	117	96
K7LV	"	15,176	79	56
K8IA	14	1,247,992	1256	607
W7TTE	"	35,595	116	105
N7XY	"	5,734	68	61
***AB7E**	A	404,999	673	329
***N7ZG**	A	292,468	513	289
***NQ7R**	A	251,424	597	291
*W7YAQ	"	180,223	350	229
*W3CP	"	158,180	308	220
*NE7D	"	107,450	260	175
*AB7RW	"	99,630	315	205
*W7QN	"	73,899	264	161
*NG7Z	"	64,260	272	153
*W7VXS	"	26,182	171	106
*W4LSC	"	16,100	114	92
*K7TR	"	8,778	72	57
*KJ7UN	"	3,225	46	43
*KD7GIM	"	165	13	11
***WA7LNW**	21	39,585	219	145
***N7WA**	14	204,057	510	287
*KN7Y	"	96,336	334	216
*N7EIE	"	1,312	36	32
***AA7AX**	7	203,616	403	252
*N7MAL	"	128,152	305	193
*KN7T	"	91,332	285	177
*AA7FK	"	78,884	221	164
K8GL	A	838,008	780	452
NF8R	A	566,490	613	345
W8OHT	A	282,653	432	271
K8WDN	"	190,986	364	229
K8UT	"	156,176	290	227
N8PW	"	153,408	264	204
N4ZR	"	116,600	295	200
KQ8J	"	20,880	103	90
			(Op: K8BB)	
W8TK	"	11,502	81	71
WV8JR	1.8	56,760	212	132
			(Op: W8LRL)	
***KV8Q**	A	980,120	1036	458
***W8IQ**	A	244,237	436	259
***K8EE**	A	226,028	475	242
*W8GOC	"	187,920	361	232
*W8IDM	"	116,688	298	208
*WB8JUI	"	103,776	287	184
*W8PN	"	95,930	269	181
*K8GT	"	78,720	191	164
*AA8IA	"	44,849	209	149
*NO8R	"	32,549	146	121
*K8ZIZ	"	24,289	141	107
*K8WV	"	19,975	93	85
***NG9T**	14	66,774	223	186
			(Op: K8IR)	
*AF8C	"	36,585	157	135
*W9JJC	"	1,170	26	26
***W8TM**	7	195,120	311	240
W9OP	A	980,464	874	466
N9CK	A	722,061	839	423
N9FC	A	370,175	467	335
W9RE	"	280,674	497	279
K9UQN	"	278,409	461	309
AI9L	"	14,898	103	78
KB9YGD	"	13,689	96	81
W9SE	14	349,443	528	369
KG9N	"	111,555	321	201
AB9H	"	674,784	709	396
WX9U	"	524,160	564	360
K9NW	3.5	234,228	414	262
***KS9K**	A	1,441,968	1079	528
			(Op: N4TZ)	
***K9QVB**	A	909,904	969	464
***KZ9O**	A	772,191	1035	441
*K9OM	"	588,528	740	366
*AC9X	"	215,712	354	252
*AA9D	"	88,403	203	173
*W9OA	"	76,184	252	178
*AK9F	"	53,157	199	141
*NS9I	"	52,338	202	143
*N9LYE	"	52,050	250	150
*KC9GBX	"	27,260	111	94
*AK9I	"	22,366	133	106
*W9HR	"	5,568	50	48
*KA9VHG	"	5,141	59	53
*K9HCK	"	4,212	59	52
*WQ9T	"	1,222	30	26
*KU8T	"	378	20	18
***WD9DZV**	28	6,882	84	62
***W9ILY**	21	35,360	182	136
***KT3X**	14	307,536	502	344
***N9LAH**	7	372	12	12
***N9TF**	1.8	800	25	20
KU1CW	A	3,271,225	2260	731
KOØU	A	1,494,138	1442	554
WØBH	A	1,035,119	1481	479
KTØR	"	871,624	1091	442
WT7TT	"	730,800	1226	435
			(Op: WØZA)	
WRØA	"	591,429	948	411
			(Op: WØMU)	
KØDEQ	"	531,112	673	394
WKØP	"	405,720	690	360
WØJPL	"	369,321	586	307
			(Op: KØJPL)	
W4RK	"	236,208	521	266
KSØT	"	234,090	466	289
NØAT	"	159,772	473	236
WBØN	"	140,399	374	217
KØJJR	"	122,208	338	201
WAØMHJ	"	35,075	197	115
KJØG	"	8,308	78	67
KT5E	7	653,796	720	381
***KØPK**	A	623,616	940	406
***WØETT**	A	510,720	781	384
***NØBUI**	A	172,788	460	242
*WØUY	"	145,520	315	214
*KØCF	"	132,840	360	205
*KØKP	"	64,218	236	154
*KØJV	"	57,222	247	153
*W8UE	"	52,848	212	144
*KØHB	"	45,966	175	141
*KØRY	"	35,508	189	132
*KSØM	"	31,750	164	125
*ADØH	"	30,186	158	117
*KØHW	"	29,640	166	120
*WS4Y	"	28,884	167	116
*NØKBD	"	28,476	128	113
*KCØVKN	"	27,501	134	103
*KØLDS	"	26,620	124	110
*WAØIAF	"	18,270	111	87
*WBØYJT	"	14,670	103	90
*NØIBT	"	12,960	115	81
*NGØK	"	11,627	102	77
*WBVM	"	2,268	30	27
***NØGOS**	14	64,584	264	184

*NAØVY	"	4,425	62	59

NORTH AMERICA

BAHAMAS

*C6AYM	A	2,559,984	1512	532
			(Op: K9GY)	
*C6AWL	7	1,957,122	847	486
			(Op: RA3CO)	

CUBA

*CO2JD	7	365,712	368	228

PANAMA

*HP1AC	14	142,128	270	216

HONDURAS

*HR1RTF	A	16,576	90	64

ALASKA

AL1G	14	18,392	118	76

PUERTO RICO

*WP3C	28	132,200	285	200

CANADA

VY2TT	A	7,864,881	2712	883
			(Op: K6LA)	
VB3A	A	6,721,527	2575	821
			(Op: VE3AT)	
VE3JM	"	5,925,920	2217	770
VC2M	A	5,074,420	2031	754
			(Op: VE2TZT)	
VE3EY	"	5,003,024	2039	718
VA2WDQ	"	1,934,200	1201	509
VA1MM	A	1,324,024	978	439
VC5X	A	1,221,363	1125	429
			(Op: VE5UF)	
XM2FK	"	735,168	692	336
VE3CR	"	698,629	585	373
VE1MC	"	645,498	586	327
VA3EC	"	142,800	263	168
VE7VR	A	111,072	236	156
VO1HE	21	137,602	268	214
VC6Z	14	1,192,674	1051	511
VE3VO	14	25,755	119	101
N2WQ/VE3	7	1,101,594	693	377
*VE3DZ	A	3,317,688	1638	649
*VE1RGB	A	1,219,779	844	407
*VE3JAQ	"	923,910	816	390
*VE3XD	"	808,979	680	391
*VE6CNU	A	667,974	760	326
*VE7XF	A	615,285	617	339
*XM2AWR	A	601,472	605	296
			(Op: VE2AWR)	
*VE3GSI	"	486,717	532	301
*XL2SG	"	477,428	546	289
*VE3KI	"	341,621	385	259
*VE3RER	"	243,718	322	233
*VE3DUS	"	207,366	303	214
*VE3TW	"	187,370	319	205
*VE3OM	"	163,125	279	225
*VE4YU	A	149,575	308	193
*VA3XOV	"	120,020	233	170
*VE3XB	"	117,047	202	161
*VA7ND	A	84,494	244	166
			(Op: VE7ALN)	
*VE3XAT	"	70,821	171	129
*VA3HUN	"	57,984	179	128
*VE3RCN	"	38,592	122	96
*VE3WDM	"	33,810	128	105
*VY1EI	A	17,784	100	78
*VE3LXL	"	4,040	48	40
*VA3RJ	"	4,784	50	46
*XM2FU	14	1,205,722	1015	497
*VE2XAA	"	725,274	506	333
*VA7KOJ	14	110,192	262	194
*VE3CX	14	95,882	219	191
*VE2HLS	"	85,920	200	179
*VE3FJ	"	43,520	153	128
*VE3IAE	7	397,316	472	284

TURKS AND CAICOS

*VP5/KN6Y	A	601,338	704	318

MEXICO

6F75A	A	1,196,183	1153	401
			(Op: XE1MM)	
XE2S	14	413,960	604	316
*6I2MX	A	189,771	309	183
*6I2RC	"	4,601	47	43
*6H1CT	14	551,320	707	358

AFRICA

TUNISIA

3V8BB	A	13,036,170	3812	966
			(Op: YT1AD)	

GUINEA

*3XD2Z	A	2,334,607	1267	569

TANZANIA

5H3EE	A	2,864,932	1530	622

SENEGAL

6W1SE	A	1,466,800	952	475

ALGERIA

7XØRY	3.5	1,562,172	653	402

GHANA

*9G5ZS	A	69,789	151	129

MOROCCO

*CN8YR	A	12,200	52	50

CANARY IS.

EA8MQ	A	1,697,448	913	428
AM8AAG	21	704	16	16
*AO8R	A	1,484,964	825	494
			(Op: EA8BEX)	
*EA8BQM	"	198,800	287	200
*AN8AUW	"	615	15	15
			(Op: EA8AUW)	
*EC8ADW	"	528	12	12
*ED8AMY	28	384	12	12
*EB8BRZ	"	319	11	11
*EA8DA	14	702,240	592	399
*EF8A	"	72	6	6
*EA8NQ	7	248,970	218	193

SOUTH AFRICA

ZS4TX	A	2,159,672	957	499
ZS1EL	"	77,469	176	147
*ZS6AA	A	764,688	703	358
*ZS6C	"	112,480	229	152
*ZS4JAN	"	65	5	5

ASIA

VIETNAM

*3W9R	A	38,850	145	111

AZERBAIJAN

*4K9W	A	854,502	731	363
*4K8M	28	46,104	168	113

BRITISH BASES ON CYPRUS

ZC4LI	1.8	93,112	144	113

GEORGIA

4L8A	7	4,351,570	1314	619
*4L2M	7	935,640	502	339

ISRAEL

4X6ZK	28	144	8	8
*4Z5QQ	A	57,344	162	128
*4X1VF	28	36,462	120	103

CYPRUS

P33W	A	10,034,956	3359	842
			(Op: RA3AUU)	
C4W	A	7,449,120	2801	739
*H2E	14	692,172	638	377
			(Op: 5B4AGE)	

WEST MALAYSIA

9M2CNC	A	1,727,568	1243	516
			(Op: G4ZFE)	
*9M4DXX	A	402,477	568	307
			(Op: 9M2TO)	

UNITED ARAB EMIRATES

A61HH	A	2,504,289	1541	541
			(Op: A61M)	

CHINA

BA6QD	14	26,923	151	109
*BD7KLO	A	298,116	481	273
*BD4SQ	A	221,075	500	239
*B3APX	"	71,296	387	128
			(Op: BD3APX)	
*BD4ITN	"	51,240	351	120
*BD1FBV	"	4,116	54	49
*BA4ALC	"	496	18	16
*BD1DQU	14	15,750	99	90
*BD2BT	"	288	18	16
*B3AF	7	17,775	94	75
			(Op: BA3AF)	

HONG KONG

VR2BG	14	482,856	702	372

KYRGYZSTAN

EX2M	A	4,702,008	2352	642
*EX2A	A	842,486	718	349
*EX8AB	"	200	8	8
*EX2X	28	305,532	439	276

SOUTH KOREA

HL2AEJ	A	1,049,526	1171	398
HL5UOG	"	44,540	192	131
*6MØV	A	64,182	349	114
			(Op: DS5DNO)	
*HL9TY	"	44,704	222	127

THAILAND

HSØAC	A	440,700	700	325
			(Op: HSØ/OZ1HET)	
HSØZDY	A	382,272	455	264
*HSØZEE	A	28,260	106	90

SAUDI ARABIA

HZ1EX	A	6,689,120	2578	776
			(Op: PY2ZXU)	
*7Z1SJ	14	96,654	197	178

JAPAN

JH4UYB	A	3,453,177	1602	637
JE1CKA	A	1,024,296	751	392
JA7BME	A	504,594	551	306
JH7XMO	"	410,380	528	289
JA7COI	"	371,800	570	275
JA1AYO	"	128,778	278	169
JA1HP	"	89,712	306	168
JA1BNW	"	88,324	207	142
JA2XYO	"	82,795	179	145
JO1WKO	"	68,340	162	134
JE1KNT	"	40,320	171	105
7J1ABD	"	34,454	152	107
JA1TMG	"	34,380	126	90
JA2AXB	"	33,312	132	96
JA1MRE	"	16,000	73	64
JA2FSM	"	15,750	105	63
JQ2EHD	"	5,336	62	46
JF2FIU	"	3,800	48	38
JA1XZF	28	2,082	41	36
JA7NVF	21	57,462	218	157
JF1NZW	"	5,720	58	52
JR1NHD	"	4,992	58	52
JA5APU	14	176,080	340	248
JA9CWJ	14	122,590	248	205
JM4WUZ	"	95,634	264	189
JA3DAY	"	23,030	101	98
JK1LUY	"	1,029	21	21
JA6SHL	7	239,320	262	193
JR4JRW	"	50,661	146	117
JI1ALP	"	41,135	105	95
JA3AVO	"	2,760	24	23
JA7ZP	"	638	11	11
JA1KVT	3.5	23,256	93	76
JH2FXK	1.8	5,775	39	35
*JF1NHD	A	885,318	808	394
*JH2NWP	A	359,910	490	270
*JH7CUO	A	354,858	488	294
*JH6QFJ	"	354,196	474	292
*JA2KVB	"	348,192	485	312
*JP1JFG	"	312,488	430	268
*JHØNEC	"	278,487	438	261
*JAØUMV	"	220,206	373	214
*JA1YAI	"	203,830	389	218
*JH6OPP	"	142,956	311	198
*JH3PTC	"	80,137	267	127
*JJ6TWQ	"	71,050	212	145
*JA6CYL/6	"	50,142	232	122
*JA2VZL	"	48,256	161	116
*JG5DHX/5	"	44,250	167	125
*JA1IE	"	43,470	141	105
*JH1FNU	"	37,664	137	107
*JA1CP	"	35,150	160	95
*JA1HNW/1	"	32,352	125	96
*JA2KKA	"	31,509	123	81
*JJ1MZH	"	27,945	123	81
*JO1SIM	"	23,765	170	97
*JAØBMS	"	21,238	102	74
*JA1AZR	"	20,088	93	72
JA1FWY	"	19,880	97	71
*JA4AQR	"	18,496	81	68
*JA4BDY	"	17,612	111	74
*JE1UKM	"	15,336	107	71
*JJ1LRD	"	13,728	103	66
*JA1HG	"	11,660	79	55
*JJ1WWL/1	"	10,032	85	57
*JH1HYC	"	8,008	65	52
*JA2QVP	"	7,791	55	49
*7N4QCQ	"	6,946	67	46
*JH1DVG	"	6,048	72	54
*JA1KEV	"	5,940	58	44
*JA3UWB	"	4,444	50	44
*JA4DER	"	4,026	34	33
*JK1NSR	"	3,627	55	39
*JI4WHS	"	3,552	40	37
*JH1NXU	"	2,759	34	31
*JL3RDC	"	1,682	39	29
*JH9BWC	"	1,450	26	25
*JI1BDQ	"	1,334	23	23
*JL8MBF	"	1,311	33	23
*JA5RB	"	836	24	19
*JJ8GFL/1	"	629	22	17
*JG1FGL	"	105	7	7
*7K1EQG	28	11,730	105	69
*JA1AAT	"	315	15	15
*JP1QDH	21	45,792	188	144
*JF3BFS	21	34,944	167	128
*JA1MVK	"	26,216	134	113
*JRØEQQ	"	19,400	118	100
*JE1JAC	"	1,300	30	26
*JQ1AHZ/6	"	814	23	22
*JQ2OUL	"	288	12	12
*JO1WIZ	"	96	8	8
*JI1LAI	"	60	6	6
*JG2KKG	14	127,510	296	205
*JHØEPI	14	52,164	186	138
*JF3IYW	"	41,910	158	127
*JR4GPA	"	30,495	141	107
*JE1RRK	"	3,071	41	37
*JR1UMO	"	133	7	7
*JH9AMJ	7	102,102	212	154
*JL6IPK	7	64,885	170	119
*JA2PFO	"	58,995	150	115
*JA2GTW	"	22,110	71	67
*JA3PYC	"	20,252	64	61
*JA1VVH	"	8,134	52	49
*JA1XRH	"	2,394	21	21
*JE1SPY	1.8	760	25	20

KUWAIT

9K2HN	21	2,781,509	1643	673
			(Op: 9K2RR)	

MONGOLIA

*JT1BV	7	20,944	80	68

OMAN

*A45WG	21	1,904	28	28
*A45WD	14	653,796	612	381
			(Op: YO9HP)	

THAILAND

*E2ØYLM	14	7,112	61	56
*HS8KGG	"	684	20	18
*HS8KAY	7	810	15	15

TURKEY

TA2ZAF	28	1,754,830	1270	473
			(Op: OK1MU)	
*TC3D	A	3,756,288	1785	584
			(Op: TA3D)	
*TC3A	7	2,371,823	850	493
			(Op: LZ1NK)	
*YMØT	1.8	117,250	160	125
			(Op: TA2RC)	

ASIATIC RUSSIA

UA9CLB	A	7,880,040	2766	795
RU9CK	A	3,778,320	1810	624
RT9S	A	2,763,420	1631	530
			(Op: UA9SP)	
RX9AF	"	2,587,116	1322	532
UA9BS	"	2,175,327	1258	511
UA9CDC	"	1,333,152	999	432
UA9UCK	"	491,400	481	300
RV9XM	"	140,895	251	155
RU9UC	"	117,478	169	151
RA9JX/9	"	100,566	228	151
RX9SA	"	89,745	209	155
RX9TX	"	59,292	169	122
RK9UE	"	41,403	141	111
UA9HR	"	39,648	126	96
RW9UOB	"	29,360	103	80
UA9FEG	"	27,636	110	98
UA9QA	28	130,830	271	178
UA9QM	21	308,187	429	283
RA9JM	14	217,248	392	248
RX9LW	"	17,252	85	76
			(Op: RV9LM)	
RX9FM	7	1,357,615	646	395
RV9SV	3.5	269,147	285	181
*UA9TF	A	1,114,773	978	407
*RU9CD	A	924,451	734	341
*UA9BX	A	819,666	721	353
*UA9FGJ	"	701,490	590	335
*UA9OA	"	651,880	641	344
*UA9AOL	"	629,970	637	330
*RK9CR	"	622,810	638	305
*UA9APA	"	589,303	532	317
*UA9XS	"	565,425	551	315
*RU9WZ	"	513,590	561	290
*RX9FB	"	493,350	548	325
*UA9FEX	"	390,632	430	253
*UA9MQR	"	390,222	487	266
*UA9OLO	"	374,400	452	260
*RZ9OJ	"	329,280	456	280
*RX9DJ	"	311,190	433	246
*UA9WIK	"	264,096	331	224
*RA9UN	"	253,215	402	255
*RX9WN	"	151,683	259	217
*UA9DD	"	126,063	236	189
*UA9AL	"	23,004	100	81
*RA9SC	"	19,738	90	71
*UA9UX	"	16,279	83	73
*RU9UG	"	7,896	63	56
*RX9CNN	"	4,031	39	29
*UA9AFS	21	363,858	445	298
*UA9QF	"	7,992	58	54
*RV9UF	"	6,552	63	56
*RW9UU	14	801,804	709	436
*RA9KM	14	746,790	665	438
*RV9CP	14	480,469	521	341
*RA9AP	"	452,808	498	342
*RA9XF	"	428,400	508	315
*UA9ALE	"	261,000	386	261
*RA9UT	"	256,425	389	263
*RV9YK	"	252,280	402	265
*RZ9AN	"	132,867	257	189
*UA9JJG	"	123,213	247	201
*RW9SZ	"	54,375	175	125
*RU9HM	"	30,400	130	95
*RK9QWZ	"	15,801	85	69
			(Op: RW9QA)	
*UA9QFF	"	3,040	37	32
*RA9SN	"	1,700	26	25
*RV9LM	3.5	610	11	10
RUØLL	A	818,048	1171	352
RVØAL	A	404,319	528	307
RKØAB	A	364,102	463	307
RAØAA	"	361,391	504	283
RUØAW	"	307,021	353	247
UAØAGI	"	301,938	450	273
UAØACG	"	297,122	424	266
UAØFAI	"	249,249	513	273
UAØZAM	"	194,832	412	198
RAØQD	"	113,274	293	186
RXØQA	"	106,972	253	188
RWØUZ/4	"	82,839	197	159
RWØLQ	21	27,354	224	97
RKØUT	14	829,008	762	456
RNØSA	"	113,629	291	199
RAØAM	"	82,212	201	156
UAØSR	7	105,228	194	148
*UAØCNX	A	195,951	573	217
*UAØUV	A	20,076	101	84
*RWØUM	"	18,032	125	92
*RUØST	"	13,380	68	60
*UAØABB	"	7,150	56	55
*RUØAE	"	3,700	38	37
*UAØFDX	"	2,856	45	34
*UAØWL	28	322	15	14
*RAØAQL	14	45,720	148	127
*RWØAA	"	26,936	123	104
*RWØAJ	3.5	29,054	104	73

KAZAKHSTAN

UPØL	A	6,779,520	2763	704
			(Op: UN9LW)	
UN7PV	"	20,910	112	85
*UN6T	A	999,180	824	390
*UN8GA	A	228,330	361	215
*UOSØF	"	174,472	284	193
*UNØC	"	4,123	40	31
*UP8A	21	675,220	684	371
*UN4PG	"	158,508	300	222
*UN9L	14	1,619,628	1095	556
*UN6LN	14	933,401	813	443
*UN4PD	"	207,080	323	248
*UN7CN	3.5	48,298	118	82

EUROPE

SICILY

IT9/S52A	A	2,367,590	1832	646
IT9ZAU	"	117,000	441	234
IU9S	28	673,524	1154	477
			(Op: IT9BLB)	
*IT9RZU	A	164,754	349	226
*IT9ORA	21	11,340	94	81
*IT9LWP	"	3,060	48	45

MONTENEGRO

4O5A	A	5,056,610	2825	802
4O2A	21	1,255,484	1436	629
			(Op: YT1NP)	
4O4A	14	829,864	1068	511
			(Op: YT6Y)	
*4O3Z	A	201,432	416	231

CROATIA

9A1A	A	6,266,028	3031	876
			(Op: 9A9A)	
9A3ST	"	74,592	202	168
9A7R	21	788,956	977	532
9A5W	14	2,643,053	1817	769
9A5K	3.5	657,672	701	402
9A2VR	3.5	332,568	503	298
9A/T94DX	"	255,550	403	269
			(Op: DJ2MX)	
*9A4KW	A	409,032	598	342
*9A2NO	A	333,597	488	363
*9A2EY	A	159,576	355	244
*9A8A	"	25,875	134	115
*9A5YY	"	1,464	30	24
*9A3VM	28	357,930	800	369
*9A4RV	21	83,888	318	214
*9A3B	14	1,751,656	1446	694
			(Op: 9A1AA)	
*9A3MA	7	230,336	303	236

PORTUGAL

*CT6A	A	4,562,776	2459	808
			(Op: CT1ILT)	
*CT1AOZ	28	44,436	156	138
*CS1GDX	14	566,244	767	428
			(Op: CT1DRB)	
*CT1BQH	"	45,592	160	139
*CT/UA4WEC	7	8,820	46	45

GERMANY

DJ5MW	A	5,432,754	2679	838
DL3TD	A	4,699,936	2411	772
DJ1YFK	A	4,579,388	2239	796
DL3YM	"	4,326,926	2272	787
DG4R	"	1,703,140	1301	620
			(Op: DL1RG)	
DL5YM	"	1,614,798	1361	566
DAØI	"	1,298,990	1280	539
			(Op: DK1II)	
DJØIF	"	1,203,184	1229	556
DL7JV	"	735,680	882	440
DJ6QT	"	562,000	706	400
DL4HRM	"	463,240	691	370
DK8EY	"	398,430	588	342
DL5RMH	"	392,718	657	366
DL1DTC	"	386,712	587	369
DL4ME	"	356,487	623	331
DK3YD	"	322,014	538	357
DL3BPC	"	188,206	409	278
DR7T	"	161,931	339	231
DK7AN	"	119,340	299	221
DF8AA	"	118,104	314	222
DL5RBR	"	100,782	264	198
DL1YFF	"	61,985	195	161
DL7BA	"	26,100	122	90
DL9UJF	"	21,567	101	91
DL6DVU	"	16,554	105	93
DL5JAN	"	1,643	31	31
DK9IP	"	1,139	20	17
DL2SWN	28	27	3	3
DR5N	14	1,654,439	1371	643
			(Op: DJ9DZ)	
DQ5Q	7	138,580	310	205
			(Op: DJ2RG)	
DF2UU	1.8	82,896	251	176
*DD5M	A	1,337,320	1221	536
			(Op: DJØZY)	
*DK5DQ	A	1,046,528	1056	512
*DL5KUD	A	863,330	994	458
*DL7UMK	"	768,564	970	444
*DL1ARJ	"	580,548	706	404
*DF3AX	"	423,030	700	354
*DJ8UV	"	406,896	590	346
*DL3KWF	"	391,440	645	336
*DK5IM	"	360,790	632	331
*DL3ZM	"	350,455	574	323
*DR5S	"	343,710	594	335
			(Op: DK7VW)	
*DL3ZAI	"	338,198	574	343
*DL5CD	"	297,672	573	316
*DF5LW	"	263,004	551	303
*DL4FN	"	262,724	531	308
*DL2NBY	"	251,868	561	302
*DL1NEO	"	222,084	368	279
*DL3KWR	"	216,932	413	281
*DL7UIO	"	212,533	471	283
*DL9LM	"	206,581	407	337
*DL8DWW	"	204,450	414	282
*DL8UGF	"	158,916	394	246
*DJ2IA	"	140,811	368	251
*DL2ANM	"	134,568	312	216
*DL3BRA	"	131,588	345	268
*DK5ZX	"	119,370	387	230
*DL9NEI	"	112,998	319	222
*DL2YCA	"	105,861	357	213
*DL4XU	"	87,168	259	192
*DL5SWB	"	81,608	328	202
*DJ4EJ	"	77,400	293	200
*DL8UFO	"	75,270	254	195
*DK2BJ	"	74,226	235	178
*DH9SB	"	68,499	247	177
*DJ3IW	"	61,614	172	163
*DL7VRG	"	45,662	188	158
*DL1ARD	"	45,600	196	150
*DL2AL	"	39,783	203	149
*DJ6UP	"	38,324	182	143
*DF1MA	"	37,808	159	136
*DH3RB	"	37,506	203	141
*DK1LRS	"	35,000	188	140
*DL6RBH	"	34,716	153	132
*DL1BUT	"	34,194	171	139
*DL5KUR	"	32,193	157	147
*DL6UYA	"	29,900	150	130
*DL3DBY	"	28,854	163	126
*DF2PH	"	23,200	139	116
*DFØHRB	"	22,800	145	114
			(Op: DL3BBY)	
*DK1KC	"	19,680	119	96
*DL7UM	"	17,888	118	104
*DL6UAM	"	17,346	114	98
*DK3WJ	"	16,254	105	86
*DH6AB	"	15,040	112	94
*DH6BH	"	13,920	111	96
*DL3KVR	"	13,524	97	92
*DL4RCK	"	12,600	95	84
*DJ3EF	"	12,384	103	86
*DJ4TS	"	12,298	93	86
*DC8HF	"	11,840	88	80
*DJ1HA	"	8,378	75	71
*DKØUW	"	8,183	51	49
*DL5BCF	"	7,956	86	78
*DL9ZWG	"	6,402	72	66
*DL5KMS	"	4,235	56	55
*DL2EF	"	1,590	32	30
*DL2DYL	"	1,300	26	26
*DL1DQJ	"	858	29	26
*DL2MLU	"	35	5	5
*DL7BY	28	80,348	309	212
*DL2MIH	"	11,316	101	92
*DL6OCK	"	81	9	9
*DJ6TK	21	12,610	108	97
*DO1AYJ	"	5,146	67	62
*DL6RCD	"	273	13	13
*DD4B	14	1,019,898	1126	561
			(Op: VE3ZIK)	
*DD1IM	14	226,476	413	324
*DK7GH	"	170,775	357	297
*DJ5GG	"	114,242	276	239
*DL1KLO	"	21,669	97	93
*DL1THB	"	15,087	121	107
*DF7GG	3.5	122,320	272	220
*DL5ANS	"	630	19	18
*DJ8OG	1.8	7,392	68	56

SPAIN

EA5FV	A	3,073,029	2233	727
EA1DR	A	531,744	654	382
EA1JO	"	349,592	618	356
EA7CA	"	300,160	437	280
EA7HY	"	34,750	166	125
AO7SIX	14	1,246,587	1305	579
			(Op: EA7AJR)	
EA5YU	7	1,064,200	691	425
*EA1FAQ	A	2,903,784	2022	681
*EA7TN	A	2,426,248	1882	698
*EA5CP	A	298,915	565	313
*EA3CEC	"	155,949	315	229
*AN2R	"	139,305	403	251

			(Op: EA2TO)	
*EA1CRL	"	129,947	281	199
*EA5VN	"	129,375	328	225
*EA7OR	"	101,996	235	172
*EA4CJI	"	77,106	247	181
*EA2KV	"	76,985	208	173
*EA3AVV	"	74,700	210	166
*EA7CWA	"	72,504	233	171
*AN1CBX	"	63,189	221	153
*EA4OA	"	35,588	151	124
*EA3GHZ	"	13,175	94	85
*EA5GTQ	"	8,379	69	63
*EA4BGM	"	7,840	78	70
*AO5ABH	"	2,898	49	46
			(Op: EA5ABH)	
*EA7EYQ	"	2,464	35	32
*AO5GS	"	1,674	32	27
			(Op: EA5GS)	
*EB2CYQ	"	696	25	24
*EB1ISN	"	264	12	11
*EA7MT	28	7,630	75	70
*EA4BF	14	133,874	338	271
*EA1ND	"	35,074	163	142
*EA5FQ	"	25,326	133	126
*EC2DM	"	2,318	39	38
*AO5KXA	7	497,952	458	336
			(Op: EC5KXA)	
*EA3ALV	7	114,018	209	186
*EC7ABV	"	101,913	186	161
*EA2SW	"	390	13	13

BALEARIC IS.

EA6FO	A	5,191,680	2976	845
			(Op: EA3ALZ)	
EA6ZS	"	16,335	117	99

IRELAND

*EI4CF	21	22,990	126	121
*EI4HQ	7	150,136	227	196

MOLDOVA

ER3DW	A	168,960	442	256
*ER1RR	28	161,560	493	280
*ER1OO	"	20,952	154	108

ESTONIA

ES8DH	A	132,840	356	270
ES7FU	"	12,844	85	76
ES4RD	14	124,080	283	240
*ES1GF	A	517,504	794	416
*ES4MM	28	53,630	251	173
*ES1CN	21	43,788	207	164
*ES1CR	"	22,743	157	133
*ES5NC	1.8	760	20	19

BELARUS

EV1R	A	2,034,576	1804	639
			(Op: EU1PA)	
EW8DX	A	1,769,454	1778	591
EV2A	A	1,682,289	1532	621
			(Op: EW2AA)	
EU1FC	"	1,671,722	1685	569
			(Op: EU1FC)	
EW8CY	"	644,688	795	396
EW7LO	7	1,004,281	806	443
EW3LN	"	475,368	501	348
EV2M	1.8	7,830	65	54
			(Op: EW1CQ)	
*EW4AB	A	682,773	889	427
*EW1KT	A	118,720	321	224
*EW6MM	"	46,158	193	157
*EU6AA	"	3,956	56	46
*EU1AI	21	68,748	255	204
*EV6M	3.5	268,125	433	275
*EU1DZ	"	39,312	144	126

FRANCE

TM6X	A	4,211,314	2312	778
			(Op: F5VHY)	
TM3C	A	3,607,296	2293	732
(Op: F6IFY)				
F5BBD	A	376,656	597	326
F8BUO	"	170,752	347	232
F5CQ	"	161,728	320	224
F4DNW	7	76,014	140	123
*F8CRS	A	387,400	601	325
*F5SGI	A	178,684	391	262
*F5LCU	A	150,423	357	247
*F5QF	"	142,320	306	240
*F6ABI	"	118,360	327	220
*F6AUS	"	104,304	292	212
*F/G4BJM	"	88,430	292	185
*F6CNM	"	78,765	264	177
*F5AQB	"	75,180	242	179
*F8DGF	"	36,708	178	138
*F5GGL	"	2,368	41	37
*F5MLJ	"	750	28	25
*F1OK	"	15	3	3
*F8AKC	28	97,627	363	233
*F5OGG	28	18,306	142	113
*F5PHW	"	16,224	148	104

ENGLAND

G3TXF	A	2,483,200	1659	640
GØWKW	A	664,216	814	409
G3RXP	A	318,947	481	313
G9A	"	253,935	587	297
			(Op: G4RCG)	
G4HZV	"	156,996	344	267
G3ZHE	"	78,554	244	181
MXØAAA	14	50,630	197	166
			(Op: GØVQR)	
*G0MTN	A	1,421,763	1481	553
*2EØCVN	A	1,054,500	1203	475
*MØDHO	A	942,333	937	483
*G4FOC	"	422,370	632	390
			(Op: G3LIK)	
*G3RWF	"	153,925	372	235
*G3JJZ	"	139,200	341	232
*G3RSD	"	68,470	231	167
*G3GLL	"	67,704	252	186
*G2HDR	"	11,970	101	90
*GXØSAC	"	11,970	107	90
			(Op: G4WGE)	
*G4ZOB	14	188,802	395	306
*GØMRH	"	12,600	98	90
*G3ZRJ	7	327,712	528	304

ISLE OF MAN

MDØCCE	A	419,558	649	362

NORTHERN IRELAND

GI4FUE	A	94,400	202	160

SCOTLAND

GMØF	A	2,137,530	1887	645
			(Op: GM4AFF)	
GM4SID	"	622,380	793	410
GM3WUX	"	576,548	839	413
GM4FDM	28	15,741	157	99
*GMØIIO	14	329,175	661	385

GUERNSEY

*MUØFAL	A	303,660	683	315

WALES

*GW3KDB	A	304,712	500	328

HUNGARY

HG8R	A	3,532,632	2066	762
HG8K	A	1,476,910	1204	565
HA5UX	A	1,193,255	1081	515
HA7LW	"	566,544	778	407
HA8TI	"	445,831	606	397
HA5NB	"	371,800	583	338
HA7PO	A	177,859	358	253
HA8VK	14	867,249	971	557
HG1A	7	2,528,238	1304	618
			(Op: HA1ZN)	
*HA3NU	A	1,982,408	1618	647
*HG5Y	A	1,401,740	1297	545
*HA5LZ	A	962,481	999	481
*HA2MN	"	541,676	697	382
*HA3OU	"	408,782	519	374
*HA2EQD	"	392,504	574	344
*HA2ESM	"	212,898	404	274
*HA8CQ	"	173,104	385	248
*HA1Q	"	159,800	339	235
			(Op: DH8VV)	
*HA8KW	"	12,462	73	62
*HA8FK	28	186,588	517	292
*HA8TP	28	171,680	504	296
*HA9PP	"	19,936	136	112
*HA8MD	14	1,492,614	1352	633
*HG4F	14	1,051,680	1108	560
*HAØDW	"	1,271	33	31
*HA3MU	7	567,008	572	376
*HA8BE	7	393,128	468	314
*HA6FQ	3.5	233,112	413	264

SWITZERLAND

HB9DHG	A	267,246	530	303
HB9FBS	1.8	8,003	76	53
*HB9ARF	A	675,234	917	414
*HB9HQX	"	21,364	125	98
*HB9QA	"	17,019	101	93
*HB9LCW	14	60,997	207	181

ITALY

IR2A	A	993,010	1060	499
			(Op: I2UIY)	
IK2AHB	A	693,000	849	450
IØZUT	"	100,098	286	201
IK3SCB	"	3,780	46	42
IU3X	21	305,045	595	361
			(Op: IV3SKB)	
I5JFG	"	10,640	85	80
II7M	14	2,710,380	1951	796
			(Op: IK7JWY)	
I1NHR	"	5,124	62	61
IK2SND	"	992,320	818	443
IZ1GAR	"	930,030	769	435
IO3N	3.5	138,276	265	207
*I2WIJ	A	1,163,006	1013	533
*IZ3DBA	A	670,335	865	435
*IQ5AA	A	378,378	655	378
			(Op: IK5TUZ)	
*I6FDJ	"	294,150	582	318
*IZ1LBG	"	208,565	429	295
*IZ1DXS	"	111,940	282	193
*I2AZ	"	106,454	285	202
*IZØKBW	"	63,027	178	149
*IK2IKW	"	35,072	176	128
*IK2WXV	"	33,480	155	120
*IK5FKF	"	33,158	148	118
*IK3OII	"	31,863	156	129
*IZØFZM	"	28,842	146	114
*IK2NCF	"	21,944	132	104
*IZØGYP	"	6,864	78	66
*IK2NUX	"	6,864	68	66
*IZ5HQB	"	6,380	66	58
*IV3DYS	"	4,747	48	47
*IK1PMR	28	260,090	463	310
*IK2WXQ	"	38,203	209	151
*IK5YJK	"	308	16	14
*IK6MNB	14	522,712	774	446
*IZØFVD	"	6,667	65	59
*IZ5GRS	"	299	13	13
*IQ3UD	3.5	49,868	168	137
			(Op: IV3ZXQ)	

SARDINIA

IMØ/K7QB	A	918,158	1203	502
*ISØXDA	A	89,760	275	204
*ISØUWX	14	30,392	144	131

SVALBARD

*JW/OZ7BQ	A	230,421	370	267

NORWAY

LA2AB	A	147,840	340	220
LA3BO	28	45,725	249	155
LN5O	7	1,856,358	1147	567
LN9Z	3.5	650,880	718	384
			(Op: LA3BO)	
*LA2MOA	A	441,760	670	352
*LA6CF	A	405,270	619	342
*LA8OM	"	225,432	530	303
*LA1YE	14	20,535	139	111

LUXEMBOURG

LX5T	7	405,020	528	308
*LX1ER	A	19,224	104	89

LITHUANIA

LY2MM	A	1,185,696	1241	537
LY2VA	A	371,966	615	326
LY3CY	"	335,352	630	314
LY1CM	"	185,008	407	248
LY2IC	7	1,137,794	891	469
LY2FN	3.5	141,702	303	209
LY2IJ	1.8	193,920	374	240
LY4T	"	40,713	166	123
*LY9A	A	2,293,473	1972	651
			(Op: LY3BA)	
*LY6M	A	2,200,308	1890	633
*LY2TS	A	889,200	979	475
			(Op: LY2TS)	
*LY2DV	"	335,175	612	327
*LY1BX	"	258,440	529	284
*LY3W	"	16,555	94	77
*LY2CG	"	54	3	3
*LY2T	14	383,672	746	398
*LY1C	7	317,033	430	289
*LY3CW	3.5	280,686	457	287
*LY2OU	1.8	10,176	76	64

BULGARIA

LZ8A	A	4,707,248	3299	854
			(Op: LZ2BE)	
LZ3FN	A	4,466,660	2816	790
LZ1QZ	"	37,260	210	138
LZ9W	14	2,641,924	1883	796
			(Op: LZ1RGM)	
LZ4TX	7	205,184	305	229
LZ3YV	"	4,182	43	41
LZ7J	3.5	478,130	571	349
			(Op: LZ1YQ)	
LZ1PM	"	75,330	208	155
*LZ4UU	A	1,518,228	1496	543
*LZØ7KM	A	1,508,870	1595	605
			(Op: LZ3YY)	
*LZ5XQ	A	1,088,640	1204	504
*LZ1IKY	"	369,978	562	322
*LZ1JZ	"	221,382	467	294
*LZ1ONK	"	128,104	350	239
*LZ1AQ	"	64,619	222	179
*LZ2DF	"	29,539	129	109
*LZ2UZ	"	29,391	151	101
*LZ1BJ	"	60	6	6
*LZ5PL	21	28,854	150	126
*LZ9X	14	637,540	833	508
			(Op: LZ1RB)	
*LZ2CE	"	242,136	468	342
*LZ1DNY	7	215,520	322	240

AUSTRIA

OE3KAB	A	290,575	393	295
*OE8CCQ	A	26,712	124	106
*OE5CWL/6	14	446,927	723	403

FINLAND

OF3F	A	4,698,980	2634	806
			(Op: OH6KZP)	
OH1PS	A	2,961,664	2029	736
OH6M	A	1,735,269	1583	571
			(Op: OH6LBW)	
OH1RX	"	1,430,422	1312	581
OH5NE	"	375,592	722	353
OH2VZ	"	173,475	400	257
OH1EB	"	10,792	81	71
OH3BU	28	99,615	401	229
OH8A	14	1,666,808	1438	682
			(Op: OH8LQ)	
*OH1ZE	A	213,860	463	289
*OH8GZN	"	15,288	139	104
*OH6RC	14	60,873	227	197
*OH2BPA	7	61,120	160	160

ALAND IS.

OHØX	7	1,463,000	925	500
			(Op: OH2TA)	

CZECH REPUBLIC

OK2PDT	A	1,219,603	1232	517
OL4M	A	834,326	1001	463
OK5MM	A	753,100	904	443
OK1AYY	"	333,670	491	305
OK1FRO	"	268,554	506	313
OK1TFH	"	46,190	170	155
OK2ABU	28	11,790	113	90
OK1VD	21	503,880	755	456
OL8M	14	1,992,870	1429	726
OK3R	3.5	789,090	751	435
			(Op: OK1DVM)	
*OL1M	A	1,543,998	1421	554
			(Op: OK1EW)	
*OK3C	A	1,536,427	1470	563
*OK6Y	A	1,296,376	1216	524
			(Op: OK2PTZ)	
*OK2MBP	"	1,082,430	1124	513
*OK1HX	"	1,024,884	1028	498
*OK1FCA	"	946,288	955	476
*OK1TC	"	925,775	969	475
*OK1BA	"	558,728	728	422
*OK1ZP	"	535,052	722	394
*OK4N	"	494,070	706	383
*OL7P	"	429,619	567	349
			(Op: OK1CRM)	
*OK2KFK	"	345,704	593	316
			(Op: OK2ABU)	
*OK1DUT	"	281,450	530	325
*OK1GS	"	266,107	393	281
*OK1LO	"	207,666	417	278
*OK1AUP	"	199,404	414	261
*OK1MKU	"	188,703	327	261
*OK2PBG	"	182,502	446	258
*OK2SAR	"	160,082	382	262
*OK5OK	"	118,728	292	204
*OK2BND	"	74,976	240	176
*OK2BFN	"	73,235	181	151
*OK7U	"	52,235	197	155
			(Op: OK1HDU)	
*OK4MM	"	26,289	153	127
*OK2BJ	"	20,800	110	100
*OK1ANP	"	19,764	89	81
*OK7N	"	7,140	56	51
*OK2PHI	"	2,480	44	40
*OK2SWD	"	946	23	22
*OK1KZ	28	2,736	53	48
*OK6DJ	14	10,950	80	73
*OK1MMN	"	4,746	45	42
*OL6P	7	1,042,794	774	471
			(Op: OK2WTM)	
*OK6AY	7	467,104	502	352
*OK1UG	"	394,240	409	320
*OK1IBP	3.5	115,400	264	200
*OK1SI	"	15,604	98	83
*OK1JOK	1.8	15,563	98	79
*OK1DXK	"	1,674	29	27

SLOVAKIA

OM7CW	A	2,365,860	1940	655
OM3IAG	A	472,895	708	349
OM8DD	28	222,132	548	321
OM3CGN	7	2,617,269	1259	629
*OM5CD	A	2,081,992	1645	649
*OM8ON	A	993,840	967	505
*OM8AQ	A	857,120	1060	487
*OM4DN	"	605,980	865	410
*OM3PQ	"	312,897	580	339
*OM5UM	"	229,215	479	295
*OM1AF	"	209,615	405	265
*OM6AL	"	194,740	404	260
*OM7YC	"	175,440	376	255
*OM4DA	"	159,621	348	231
*OM3BA	"	110,322	293	243
*OM7AG	"	102,336	292	208
*OM2AK	"	100,405	297	215
*OM3TLE	"	43,416	177	134
*OM5NL	"	10,120	93	88
*OM1TD	"	8,804	76	71
*OM8HG	14	224,826	423	318
*OM2AW	"	198,448	426	316
*OM3CDN	7	30,992	176	149

BELGIUM

OT4A	A	211,204	428	266
ON5ZO	28	27,084	172	122
OQ5M	7	241,544	448	277
*ON5SV	A	694,400	856	434
*ON4CT	A	251,400	495	300
*OS5N	"	111,356	259	194
*ON5ØEU	"	43,650	187	150
			(Op: ON4ACA)	
*ON5WL	"	23,324	142	119
*ON5JD	"	12,150	98	75
*ON6ØMCL	14	15,485	109	95
			(Op: ON5WL)	

FAROE IS.

OY1CT	A	709,251	1160	437

DENMARK

5P7Y	A	900,852	983	492
			(Op: OZ7AM)	
OU4O	A	9,163	79	77
OZØTE	"	1,029	22	21
*OV3X	"	717,344	846	464
			(Op: OZ8AE)	
*OZ6TL	"	127,600	360	232
*OZ4DR	"	33,839	173	137
*OU3A	"	14,697	78	71
*OZ1DGQ	"	13,464	115	88
*5Q8A	"	11,011	97	77
(Op: OZ8A)				
*OZ4RT	"	7,704	81	72
*OZ7NB	14	36,176	150	136

THE NETHERLANDS

PA4A	A	732,290	1035	430
PA3AAV	A	683,424	927	432
PAØLOU	A	631,743	877	449
PAØLSK	"	113,400	320	216
PAØGRU	"	108,378	328	223
PAØBWL	"	86,327	207	173
PA9CW	"	40,470	189	142
PA2ALF	"	32,900	157	140
PA7RA	"	19,224	132	108
PA3GVI	"	18,312	108	84
PA5WT	28	55,874	252	182
PAØQX	21	7,150	72	65
*PG7V	A	1,003,940	1236	497
*PA3ARM	A	503,874	669	387
*PA3BFH	A	459,798	645	389
*PA3AM	"	212,534	406	266
*PAØKHS	"	204,732	459	282
*PA5TT	"	174,654	394	279
*PG2AA	"	111,830	298	211
*PAØADP	"	107,712	275	204
*PA3EBP	"	99,360	319	207
*PA3CDN	"	57,288	218	168
*PAØFAW	"	52,397	216	151
*PA3DBS	"	49,120	222	160
*PA3HGF	"	38,778	198	138
*PAØATG	"	35,550	188	150
*PAØWKI	"	28,270	143	110
*PAØRBA	"	24,182	126	107
*PA3CWQ	"	20,685	123	105
*PA3GBI	"	13,616	112	92
*PA1BX	"	11,396	99	77
*PA/DL1EAL	"	6,532	76	71
*PA3AFF	"	3,619	50	47
*PA7HPH	14	4,836	66	62
*PAØMIR	3.5	343,403	539	337

SLOVENIA

S58A	A	5,243,836	2572	806
S59ABC	A	3,089,580	1949	699
			(Op: S51DS)	
S56A	A	2,602,842	1808	698
S57M	"	1,950,208	1500	586
S5ØR	"	1,767,524	1267	578
S58P	"	1,619,574	1358	583
S51DX	"	167,040	430	240
S53M	"	104,104	222	169
			(Op: S51FB)	
S57S	28	370,832	774	392
S57DX	14	2,582,755	1761	763
S5ØK	14	1,790,775	1467	675
S54K	14	1,523,184	1291	624
			(Op: S51NZ)	
S51J	"	345,168	596	376
S57AW	7	4,248,735	1641	745
S52AW	3.5	767,600	674	404
S52QM	"	105,571	234	193
*S51F	A	1,815,192	1460	612
*S57U	A	1,244,250	1271	553
*S51AY	A	726,327	918	441
*S58MU	"	396,000	658	375
*S52OT	"	345,384	488	328
*S53AU	"	189,486	403	261
*S58RU	"	135,660	343	238
*S59T	"	442	18	17
*S57Z	14	1,441,440	1220	585
*S53DIJ	"	143	11	11
*S54A	7	1,336,944	878	519
*S59N	3.5	281,281	473	281
*S55O	"	9,408	72	64

SWEDEN

SD4ØJZ	A	581,790	886	410
SM5QU	A	310,040	559	337
SM6XKB	"	26,448	129	116
SK2T	28	126,444	452	246
			(Op: SM2LIY)	
SJ3W	3.5	505,926	550	347
			(Op: SM5IMO)	
*SC3N	A	964,224	1070	496
			(Op: EA8CN)	
*SM6BSK	A	396,720	606	348
*SJØWPX	A	375,390	830	387
			(Op: SMØOGQ)	
*SM7EH	"	147,010	384	241
*SC5L	"	99,330	291	215
			(Op: SM5BKK)	
*SIØE	"	78,324	294	183
*SM3Q	"	49,202	175	146
*SM7BQX	"	47,223	222	159
*SE6C	"	36,942	205	141
			(Op: SM6CDN)	
*SM7BJW	"	34,036	169	134
*SMØBDS	"	24,307	143	109
*SF3E	"	20,330	109	95
			(Op: SM3EAE)	
*SM6Z	"	5,049	57	51
*SM3AF	"	4,368	55	52
*8S6T	"	2,240	43	40
*SA6R	"	2,109	39	37
*SMØJ	"	918	17	17
			(Op: SMØDZH)	
*SM5BDV	"	1	1	1
*SFØF	14	773,949	967	499
			(Op: SMØPSO)	
*SM5BRG	"	199,020	410	310
*SM2IEN	"	713	27	23
*8S6A	7	77,989	210	167
			(Op: SM6DPF)	
*SLØW	1.8	8,618	69	62
			(Op: SMØAJU)	

POLAND

SP5WA	A	1,979,295	1634	635
SQ7B	A	183,480	429	264
SQ4MP	A	147,620	372	244
SP8HXN	"	135,520	338	224
SP6IEQ	"	39,325	191	143
SP3KPN	"	1,885	41	29
SP1GZF	28	99,653	369	227
SP5GH	28	54,136	208	202
SP1NY	21	164,124	408	291
SN7Q	7	3,016,546	1386	641
SO2R	3.5	1,078,725	903	475
			(Op: SP2FAX)	
3Z5ØKCR	3.5	460,625	622	335
			(Op: SP5JTF)	
SN2K	1.8	45,619	171	133
			(Op: SP2FWC)	
SP6AEG	"	480	15	15
*SP4Z	A	1,802,450	1315	611
*SP4JCQ	A	1,635,300	1565	575
*SQ9UM	A	1,090,974	1169	521
			(Op: SQ9UM)	
*SP5ATO	"	707,442	768	471
*SP6LV	"	514,560	727	402
*SN7F	"	298,320	622	339
			(Op: SP7LFT)	
*SP3DIK	"	272,646	493	306
*SP2UKB	"	245,311	470	319
*SP8AJK	"	213,548	411	271
*3Z8Z	"	204,612	399	289
*SP5EOT	"	198,609	422	277
*SP9FT	"	183,870	433	270
*SP2IKP	"	173,259	324	243
*SP2MHC	"	126,232	389	248
*SN9K	"	113,735	283	215
*SP7FBQ	"	103,896	298	216
*SNØFWQ	"	99,220	280	205
			(Op: SP9FWQ)	
*SP3DOF	"	72,930	269	187
*SP2GCE	"	49,440	188	160
*SP1KV	"	36,210	193	142
*SQ1EUG	"	33,402	149	114
*SP8LNE	"	31,089	155	129
*SP3AOT	"	16,815	121	95
*SP6BEN	"	13,616	76	74
*SP3GRQ	"	9,153	93	81
*SP2AYC	"	8,560	97	80
*SP2DKI	"	7,548	74	68
*SP8FHJ	"	7,442	69	61
*SP9IBJ	"	5,544	74	66
*SP5ELW	"	2,204	30	29
*SN5J	28	114,729	330	229
			(Op: SP5JXK)	
*SP9DLY	28	30,222	183	138
*SP5XO	"	22,204	159	122
*SP8TJU	"	16,014	113	102
*SP6IHE	"	13,439	105	89
*SN6A	"	7,107	79	69
			(Op: SP6CES)	
*SP2AVE	21	199,662	510	321
*SP2EXN	21	66,360	220	210
*SP6EIY	"	33,176	176	143
*SP6DMI	"	31,464	164	138
*SP9IKN	"	1,525	29	25
*SP2HPD	14	337,725	599	395
*SP9GKM	14	140,800	342	275
*SP8BAB	14	135,135	353	273
*SP9RI	"	100,716	274	231
*SQ9BDN	"	94,300	244	230
*SN9U	"	91,000	275	200
			(Op: SP9UMJ)	
*SQ9IWT	"	27,594	139	126
*SP4AVG	"	17,655	117	107
*SP1BLE	"	5,809	131	37
*SN2N	7	967,572	768	459
			(Op: SP2ASJ)	
*SP2FAP	7	822,150	712	435
*SP5CNA	7	551,688	629	362
*SP9EMI	"	140,148	237	204
*SP5ELA/8	3.5	310,063	490	299
*SN3C	3.5	174,685	329	245
			(Op: SP3ASN)	
*SP9DUX	"	75,032	218	166
*SP4DNX	"	46,182	161	129

GREECE

SZ1A	14	1,010,724	1245	572
			(Op: SV1DPJ)	
SV1RP	7	1,139,448	849	482

SV2FWV	"	463,712	500	344
***SV1ENG**	A	1,030,095	1240	495
***J48HW**	A	233,128	544	322
			(Op: HAØHW)	
*SV1DPI	"	176,364	415	276
*SV1HEM	"	48,050	188	155
***SV1BJW**	14	683,943	881	507
***SY8JG**	3.5	23,424	107	96
			(Op: SV1JG)	

BOSNIA & HERZEGOVINA

T97M	28	400,158	872	387
T99W	3.5	664,056	686	401
T93C	3.5	464,715	586	345
***T94WF**	A	2,060,215	1654	631
			(Op: S56M)	
***T92M**	28	24,625	149	125
***T99D**	7	1,003,352	781	437
*T94LZ	"	29,484	97	91

ICELAND

TF3YH	A	90,486	254	198
TF3AM	"	66,332	213	161

CORSICA

***TK/DF4SA**	7	1,408	18	16

EUROPEAN RUSSIA

RM3F	A	4,514,285	2768	815
			(Op: UA3DPX)	
RW6HX	A	3,292,128	2253	736
RS3A	A	3,152,072	2150	748
			(Op: RA3CW)	
RN3BD	"	2,463,945	2092	685
RG3K	"	2,316,907	2120	647
			(Op: UA3QDX)	
RT3T	"	2,260,256	1878	664
			(Op: UA3TU)	
RN4WA	"	1,982,613	1986	641
RU6FA	"	1,922,967	1772	603
			(Op: RU6FA)	
UA4WKW	"	1,920,875	1867	605
RW4PL	"	1,817,673	1580	627
UA4SU	"	1,644,692	1501	604
UA6AF	"	1,572,186	1495	574
RW6FO	"	1,538,116	1421	563
RA3UT	"	1,236,962	1197	562
UA4SMM	"	1,027,629	1002	503
RK3QS	"	828,996	1187	426
RU3UR	"	776,914	983	463
UA1PAC/1	"	728,000	896	400
RK4HD	"	580,723	741	403
RA6EE	"	366,212	555	308
UA4NCI	"	252,280	462	280
RA4YW	"	226,860	467	285
UA3DAM	"	224,010	503	285
UA3DPM	"	204,820	438	266
RA1AGL	"	165,205	393	235
RN3GA	"	124,215	317	195
UA3DUJ	"	94,886	322	209
RX3AGD	"	81,674	276	194
RU3LA	"	12,546	91	82
RA3SS	"	11,340	73	60
RX4HX	"	10,710	96	85
UA3TCJ	"	5,750	49	46
RA3NC	"	1,160	34	29
RU6CQ	28	754,290	1115	510
UA4LU	28	251,604	575	348
RU3RQ/3	"	6,120	74	60
UA3DEE	21	175,357	461	287
RZ3AV	"	52,486	214	163
RA6AFB	"	2,301	39	39
UA4LCH	14	1,755,012	1420	714
RA3DH	14	279,414	495	342
RU4WE	"	190,890	416	303
UA4LL	"	178,024	418	308
RW6BN	"	43,292	202	158
UA6LCN	7	922,695	740	449
UA4SAW	3.5	71,883	210	147
RK3XWO	1.8	7,144	92	76
			(Op: UA3XAO)	
***UA4FER**	A	2,500,020	1879	684
***RU4SS**	A	1,031,180	1149	470
***UA3SAQ**	A	801,800	898	475
*RW6FZ	"	793,800	925	420
*UA1CEC	"	790,587	1042	423
*RN3QP	"	671,852	1098	404
*RW6AHO	"	665,448	979	408
*RA6MQ	"	659,344	766	406
*UA4AGO	"	584,078	888	382
*RX3ZX	"	552,124	743	388
*RN4SS	"	544,257	815	371
*RV3ZN	"	535,987	822	359
*UA4ALI	"	527,250	848	375
*RU3VD	"	473,099	508	451
*UA4PJM	"	469,758	686	354
*RW1CX	"	457,135	748	353
*UA3PW	"	437,052	737	363
*UA6HFI	"	421,245	695	345
*UA3ABJ	"	382,072	552	326
*RV3LO	"	344,792	600	329
*RA3QN	"	271,478	547	298
*RW6CW	"	223,686	453	289
*RN4CA	"	216,270	442	270
*RA1QN	"	202,340	457	268
*RA6DT	"	161,294	374	281
*UA6YH	"	149,961	363	259
*RZ6HF	"	143,013	418	247
*RZ6AK	"	136,752	339	231
*RU3MW	"	132,468	350	228
*RX3MM	"	130,112	304	214
*RN6AH	"	123,563	437	239
*RW3TA	"	115,536	339	232
*RA6FSZ	"	115,400	413	200
*UA3AKI	"	114,862	368	227
*UA3XAC	"	114,600	313	200
*RA1QD	"	109,200	290	208
*RA1OK	"	100,656	308	216
*UA3RW	"	99,902	300	209
*UA6LJU	"	99,645	310	219
*UA4WMA	"	99,345	310	185
*RU3WR	"	97,520	313	184
*RW4AD	"	88,580	291	172
*RU3XY	"	78,225	242	175
*RA6YJ	"	71,136	198	171
*RU3DKW	"	65,985	213	159
*RV3RM	"	65,800	282	175
*RU3FT	"	62,700	203	165
*UA3DOM	"	62,083	251	181
*RX4HB	"	58,144	212	158
*RW3DY	"	54,060	228	159
*RU6CO	"	50,908	198	143
*RA6FV	"	45,426	164	134
*RA3VR	"	40,425	205	147
*RU3DM	"	37,064	153	113
*UA4ANZ	"	36,480	159	114
*RX3VF	"	35,242	167	134
*RW3QF	"	29,715	120	105
*RU3UW	"	29,346	240	73
*RA3VE	"	28,296	145	108
*RZ3DA	"	25,839	112	99
*RK6AQM	"	25,620	142	122
*RV4LC	"	22,506	116	93
*UA4AAC	"	22,040	113	95
*RD3DT	"	13,515	105	85
*UA4FUW	"	12,877	99	79
*RV3WD	"	12,744	96	72
*RK6LP	"	10,080	64	60
*RA6AAW	"	6,048	47	42
*RW4PY	"	2,772	44	42
*RA3BQ	"	377	16	13
***RX6AH**	28	168,487	459	289
***UA3QG**	28	134,318	388	239
***RK6CM**	28	62,715	281	185
*RL3AB	"	39,060	207	140
*RN4AM	"	13,446	108	81
*RZ3VA	"	3,234	54	49
*UA3YDN	"	1,820	40	35
*RA4NCC	"	1,595	35	29
***UA3AO**	21	157,794	426	273
***RW6AH**	21	89,539	297	229
*RA3AN	"	54,180	223	180
*UA4LW	"	51,731	197	179
*RU3XB	"	5,664	68	59
***RV3FI**	14	357,300	554	397
***UA1ZZ**	14	245,985	478	345
***RW4NY**	14	240,865	487	335
*RA3UAG	"	146,605	349	269
*RU4WD	"	138,601	341	263
*RA6MS	"	115,650	342	257
*RN6HZ	"	63,504	222	189
*UA1ODM	"	47,600	192	170
*RA6DE	"	20,570	142	121
*RL3DD	"	9,775	93	85
*RW1AI/MM	"	9,620	68	65
*RX3AEX	"	207	9	9
***UA6LTI**	7	593,217	590	381
***UA6BFE**	7	264,638	316	253
***UA1ANA**	7	188,880	338	240
*RU3PU	"	114,018	225	186
*RZ3AUL	"	72,209	181	163
*UA4WAV	"	59,136	158	128
*RA4LBS	"	24,900	100	83
*RU4CO	"	20,995	105	85
*RV3MR	"	9,548	65	62
*UA3UHZ	"	5,831	52	49
***RW3AFY**	3.5	229,250	400	250
***RA3ZC**	3.5	153,870	333	223
*RV3MI	"	122,816	280	202
***RA6XO**	1.8	640	16	16

KALININGRAD

RV2FW/1	28	159,030	484	279
***RN2FA**	A	24,453	147	117
***UA2FL**	7	614,660	694	365

UKRAINE

UW2M	A	4,490,160	2489	848
			(Op: URØMC)	
UYØZG	A	2,145,008	2008	632
UW5U	A	2,039,578	1913	634
			(Op: UY2UA)	
UV5U	"	1,440,750	1397	565
			(Op: UX1UA)	
UT2UB	"	1,054,387	1156	499
UV2M	"	885,924	1166	468
			(Op: UR5MW)	
UTØIL	"	680,862	884	406
UT4XU	"	672,840	822	420
USØSY	"	201,135	430	265
UT4ZG	28	178,350	519	290
UY5ZZ	28	135,405	389	255
UT5ECZ	"	71,370	294	195
UR8RF	"	61,305	259	183
UR6F	21	1,132,216	1310	614
			(Op: UXØFF)	
US9QA	"	18,483	113	101
US7IID	14	1,010,800	1103	560
UX6F	14	926,840	1124	580
			(Op: UX3FW)	
UR4EI	"	891	29	27
UX5I	3.5	292,521	470	281
(Op: UT5IZ)				
UT7DK	3.5	274,455	458	285
***UT2UZ**	A	1,881,130	1645	626
***UR6QS**	A	1,211,265	1299	495
***UY7C**	A	928,746	1069	441
			(Op: UR3CMA)	
*UT5UN	"	791,595	994	441
*UY8IF	"	554,975	828	395
*UY2RA	"	519,570	774	414
*UY5TE	"	516,152	860	364
*UU5JIB	"	473,499	679	351
*UR5QA	"	429,040	687	346
*UT3N	"	426,216	764	344
			(Op: UT3NK)	
*US3IUK	"	322,476	562	308
*UR5WX	"	282,953	539	319
*UTØRM	"	234,780	587	301
*UT4NY	"	226,782	433	293
*UW8SM	"	220,110	513	290
*UY5ZI	"	198,621	457	261
*US6EX	"	195,489	470	261
*US8MX	"	171,100	442	236
*UR3IQO	"	162,597	344	249
*US5EEK	"	150,176	414	247
*UX8IW	"	122,604	355	204
*US8IB	"	104,608	281	224
*US1IV	"	103,824	294	206
*UU2JG	"	46,728	132	99
*US5VX	"	46,189	161	143
*URØQX	"	23,504	138	113
*US3LX	"	6,466	61	53
*UR5ZVP	"	4,212	36	36
*UR5ZVJ	"	2,430	27	27
***UZ5UA**	28	223,380	561	306
***UX4FC**	28	161,568	445	288
***UU7JM**	28	124,241	407	247
*UT3FM	"	66,885	267	195
*UX1IL	"	37,008	189	144
*UR7QM	"	23,111	155	121
*UR5IKN	"	5,782	64	59
*US5IVD	"	4,959	61	57
*UT5MB	"	3,300	55	44
***UR6IJ**	14	752,960	898	520
***UR7EQ**	14	547,729	813	463
*UX7QD	"	271,364	588	358
*UR8QR	"	143,377	349	269
*UX5EF	"	90,346	296	227
*UY5YA	"	67,260	240	190
***UW2F**	7	577,940	576	370
			(Op: UTØFT)	
***USØHZ**	7	515,380	537	353
*UY2ZZ	"	38,390	132	110
*UR3LTD	"	15,276	84	76
***UT5KO**	3.5	67,210	206	143
***UR5IHQ**	3.5	28,270	133	110
*UY3AW	"	9,316	72	68

LATVIA

YL6W	A	2,442,186	1715	694
YL9T	A	1,798,186	1849	598
YL7A	A	913,444	974	476
			(Op: YL2GM)	
YL5T	"	382,702	663	358
			(Op: YL3DQ)	
YL8M	"	1,539	29	27
			(Op: YL2GM)	
YL2BJ	14	360,240	636	395
YLØA	3.5	756,288	797	404
YL5W	"	83,520	215	180
***YL2TB**	A	1,035,025	1204	475
***YL2CV**	A	912,674	1121	469
***YL3FT**	A	685,536	975	444
*YL3GCU	"	338,580	651	330
*YL2PJ	"	151,589	389	241
*YL2IU	"	120,991	356	227
*YL2TQ	"	99,348	317	204
*YL2IP	"	38,994	160	134
*YL2II	"	32,208	150	122
*YL2IS	"	11,440	105	88

ROMANIA

YO5PBF	A	1,116,876	1318	489
YO6BHN	A	902,208	1173	508
YR1C	A	670,136	1050	422
YO7BGA	"	116,095	342	217
YQ9W	"	84,376	310	199
YO7ARY	"	32,250	165	129
YO9HG	"	8,954	84	74
YR7M	3.5	800,321	759	421
			(Op: YO9GZU)	
YO5AJR	1.8	33,580	143	115
***YO3APJ**	A	2,097,900	1828	675
***YR8B**	A	1,517,202	1620	558
			(Op: YO8DOH)	
***YO8KAE**	A	981,120	1104	480
			(Op: YO8BIG)	
*YO7FB	"	340,942	667	343
*YO3BWK	"	334,280	491	305
*YO6MT	"	278,034	522	311
*YO5DAS	"	252,108	483	298
*YO4SI	"	224,731	440	293
*YO9CWY	"	212,773	500	253
*YO7LGI	"	164,700	400	244
*YO2CJX	"	151,536	385	246
*YO7BGB	"	26,862	152	121
*YO3JV	"	13,221	88	77
*YO4RST	"	845	14	13
*YO7LTQ	"	750	26	25
***YO3CTK**	28	276,340	576	337
*YO6CFB	"	24,321	143	121
***YO4MM**	21	39,564	200	157
*YO9AGI	"	29,014	270	89
***YO5KIP**	14	696,150	965	510
			(Op: YO5OHO)	
***YO4AB**	14	574,695	791	473
***YO8KOS**	14	436,770	791	422
*YO9CXE	"	85,579	281	227
*YO4PX	"	69,344	236	197
*YO9FBB	"	23,188	145	124
*YO4CSL	"	20,736	115	108
***YO9FYP**	7	63,640	181	148
***YO6ADW**	3.5	188,175	243	193
*YO/OE3BCA	"	61,776	196	144

SERBIA

YU2A	A	192,763	551	289
			(Op: YT7AW)	
YZØZ	21	1,064,202	1234	579
			(Op: YU1ZZ)	
YT2T	14	3,119,402	2050	839
			(Op: 4N1JA)	
4N8A	14	2,926,865	2041	821
			(Op: YU1EA)	
YT5G	14	2,222,960	1740	740
YU1LA	7	3,783,546	1553	703
YT5A	7	3,455,760	1474	680
YU1KR	3.5	682,443	711	397
***YU1EQ**	A	466,422	723	382
***YU7DP**	A	429,516	651	369
***YT1BX**	A	192,618	435	246
*YU7FN	"	127,912	326	236
***YT1AD**	21	732,366	1009	522
			(Op: YU1DX)	
***4N1GM**	14	435,960	734	420
*YT7N	"	49,000	206	175
			(Op: YU7QL)	
***YT1YV**	7	182,192	289	236
***YTØA**	3.5	468,184	573	344
			(Op: YU7FU)	
*YZ8A	"	245,220	409	268

MACEDONIA

***Z35G**	A	316,185	528	321
***Z33F**	14	222,912	434	344
***Z35T**	7	2,102,298	1136	601

OCEANIA

FIJI

***3D2EE**	A	141,588	215	138

THE PHILIPPINES

***4FTO**	A	153,075	222	157

EAST MALAYSIA

***9M8DX**	21	610,056	624	333
			(Op: VK6DXI)	

SAIPAN

***WHØS**	A	83,139	224	107

GUAM

KG6DX	A	1,514,412	1127	372
***WH2D**	A	335,552	417	196
			(Op: K3UOC)	

HAWAII

KH6WT	A	4,120,146	1974	522
			(Op: K3TM)	
AH7C	A	865,161	776	297
KH6FI	"	63,365	162	115
KH6ND	1.8	22,100	77	50

PALAU

T88NN	A	1,463,161	1315	301

AUSTRALIA

VK2AEA	A	1,539,297	954	423
VK4BUI	14	181,940	291	220
***VK2GR**	A	88,655	169	119
***VK4TT**	A	45,270	122	90
***VK4EJ**	14	37,290	122	113
***VK8AV**	7	153,102	175	158

INDONESIA

***YB4IR**	A	103,888	208	151
*YBØECT/Ø	"	3,658	41	31
***YB2EMK**	28	2,184	28	26
***YB0YAD**	21	17,219	89	67
*YD3KWR	"	11,495	71	55
*YC1UUU	"	6,072	48	46
***YB6LD**	14	39,162	132	107
***YC2MXV**	3.5	845	13	13
***YCØLOW/Ø**	1.8	96	4	4

NEW ZEALAND

ZL3TE	A	311,805	379	195
			(Op: W3SE)	
ZM3A	7	6,043,950	1547	666
***ZL2AL**	A	109,492	168	124

SOUTH AMERICA

CHILE

CE4CT	A	2,656,012	1361	562
			(Op: XQ4CW)	

GALAPAGOS IS.

HC8N	A	12,530,262	3545	899
			(Op: K6AW)	

COLOMBIA

HK1X	14	2,785,476	1456	643
***HK3BVD**	7	56,240	102	95

ARGENTINA

LU7HN	A	5,434,898	1959	721
LR4E	A	4,439,966	1899	734
			(Op: LU5DX)	
LU1DZ	"	33,312	121	96
LW9DA	28	1,726,452	1068	546
LS1D	21	1,836,510	1129	554
			(Op: LW9EOC)	
***LW1E**	A	379,561	429	301
***LW5HBR**	A	354,342	420	219
***LR1F**	A	119,100	199	150
			(Op: LU5FD)	
*LW5EE	"	111,202	219	169
*LV5V	"	89,376	190	152
*LU5YF	"	59,148	154	124
*LU3FID	"	1,452	22	22
***L55D**	28	232,301	341	233
			(Op: LW1EXU)	
***LU8EOT**	21	308,257	377	281
***LU4MHQ**	7	88,893	130	119

PERU

OA4SS	14	1,320,198	925	482

ARUBA

P4ØA	7	6,114,276	1508	684
			(Op: KK9A)	

NETHERLANDS ANTILLES

PJ2T	A	8,288,055	2652	783
			(Op: WI9WI)	

BRAZIL

PS2T	A	8,440,276	2606	841
			(Op: N5ZO)	
PR5R	14	458,016	496	312
			(Op: PY5AKW)	
PY3AU	"	107,400	210	179
PY7ZY	1.8	680	12	10
***PV8DX**	A	2,314,098	1167	531
***PY2NY**	A	2,146,688	1157	541
***PY3DX**	A	826,560	630	369
*PS7DX	"	69,083	161	139
*PY2IQ	"	52,598	160	119
*PY7OJ	"	13,122	60	54
*PY4PW	"	3,060	33	30
*PP7ZZ	"	1,302	23	21
*PT8CWA	"	72	6	6
***PT7CG**	21	840,650	677	430
*PQ4F	"	66,722	165	146
			(Op: PY4FQ)	
*PT4C	"	24,206	98	91
			(Op: PY4CEL)	
*PU8TFA	"	325	13	13
***PR7AR**	3.5	1,014	13	13

VENEZUELA

***YV7QP**	28	6,006	51	42
***YV5AAX**	14	287,560	347	280

PARAGUAY

***ZP9EH**	14	11,904	66	64

TRIBANDER/SINGLE ELEMENT

UNITED STATES

KW3A	A	2,535,060	1784	668
			(Op: N4PN)	
WN2O	A	2,300,242	1456	602
			(Op: N2GC)	
AA5B	A	1,914,204	1672	593
			(@K5HAB)	
K4PV	"	1,611,708	1548	588
			(Op: K4PV)	
KZ5D	"	1,378,120	1423	526
N3UM	A	1,354,764	1001	493
K2SX	"	1,216,254	1250	503
W0BH	A	1,035,119	1481	479
W6TK	A	958,329	1133	457
KW2O	"	506,688	604	348
			(Op: N2UN)	
K4HAL	"	436,560	593	340
AD4EB	"	403,071	661	339
WØJPL	"	369,321	586	307
			(Op: KØJPL)	
K9UQN	A	278,409	461	309
KSØT	"	234,090	466	289
W4NTI	"	172,050	385	222
N8PW	A	153,408	264	204
N2NI	"	109,394	214	166
NA6Q	"	101,897	304	173
			(Op: W6SJ)	
KE3OM	"	98,464	253	181
			(Op: K3NCO)	
W6NKR	"	86,508	224	162
WAØMHJ	"	35,075	197	115
KC7UP	A	33,900	131	113
N6KW	"	32,944	168	116
AE6RF	"	29,290	142	101
W1RH	"	20,273	139	97
K7LV	"	15,176	79	56
WØZW	"	3,072	34	32
WN1GIV	21	766,752	999	489
			(Op: N4BP)	
K8IA	14	1,247,992	1256	607
KU8E	14	252,047	494	307
AB2MH	14	6,844	65	59
***KV8Q**	A	980,120	1036	458
***KZ9O**	A	772,191	1035	441
***N4EEB**	A	709,280	814	403
***KØPK**	A	623,616	940	406
*NA4K	"	532,923	674	349
***W1TO**	A	459,585	490	315
***WB2AA**	A	438,728	541	317
***AB7E**	A	404,999	673	329
*N3CZ	"	306,973	410	251
*WA4JUK	"	302,244	557	283
*NQ7R	"	251,424	597	291
*W8IQ	"	244,237	436	259
***KØGEO**	A	227,908	501	251
*KC5R	"	223,872	470	264
*K1TR	"	221,816	334	233
*W8GOC	"	187,920	361	232
*WW2J	"	184,164	254	206
*NØBUI	"	172,788	460	242
*K4BK	"	153,612	338	204
*AI2I	"	131,290	262	190
*K4OD	"	120,712	306	191
***AB3EI**	A	97,527	253	177
*W8PN	"	95,930	269	181
*WØQQG	"	79,254	197	153
*K4EU	"	79,218	222	162
*W4KPG	"	75,802	183	151
*WA1LWS	"	72,063	208	153
*W5TD	"	60,198	245	158
*N4DXI	"	53,382	157	123
*WD4AHZ	"	43,776	184	144
*KZ1M	"	36,864	198	128
(Op: W1EQ)				
*K4LNN	"	31,944	169	121
*ADØH	"	30,186	158	117
*KØHW	"	29,640	166	120
***K6CSL**	A	27,664	165	112
*AK9I	"	22,366	133	106
*K8WV	"	19,975	93	85
*NW3DC	"	9,664	70	64
			(Op: W3DQ)	
*K7TR	"	8,778	72	57
*N6NM	"	6,944	77	62
*K3GW	"	6,944	68	56
*KG6HAF	"	6,431	67	59
*K9HCK	"	4,212	59	52
*K5GM	"	525	16	15
*KU8T	"	378	20	18
***N5PU**	14	1,728	37	36
***N6AJR**	7	2,686	38	34

DX

LZ8A	A	4,707,248	3299	854
			(Op: LZ2BE)	
LZ3FN	"	4,466,660	2816	790
LR4E	A	4,439,966	1899	734
			(Op: LU5DX)	
RU9CK	A	3,778,320	1810	624
S59ABC	A	3,089,580	1949	699
			(Op: S51DS)	
EA5FV	A	3,073,029	2233	727
5H3EE	A	2,864,932	1530	622
RT9S	"	2,763,420	1631	530
			(Op: UA9SP)	
CE4CT	A	2,656,012	1361	562
			(Op: XQ4CW)	
S56A	"	2,602,842	1808	698
IT9/S52A	A	2,367,590	1832	646
EV1R	A	2,034,576	1804	639
			(Op: EU1PA)	
SP5WA	A	1,979,295	1634	635
S57M	"	1,950,208	1500	586
VA2WDQ	A	1,934,200	1201	509
YL9T	A	1,798,186	1849	598
9M2CNC	A	1,727,568	1243	516
			(Op: G4ZFE)	
EV2A	"	1,682,289	1532	621
			(Op: EW2AA)	
S58P	"	1,619,574	1358	583
DL5YM	A	1,614,798	1361	566
VK2AEA	A	1,539,297	954	423
KG6DX	A	1,514,412	1127	372
HG8K	A	1,476,910	1204	565
OH1RX	A	1,430,422	1312	581
UA9CDC	"	1,333,152	999	432
VC5X	A	1,221,363	1125	429
			(Op: VE5UF)	
LY2MM	A	1,185,696	1241	537
IMØ/K7QB	A	918,158	1203	502

5P7Y	A	900,852	983	492
			(Op: OZ7AM)	
RU3UR	A	776,914	983	463
DL7JV	"	735,680	882	440
XM2FK	"	735,168	692	336
UA1PAC/1	"	728,000	896	400
OY1CT	A	709,251	1160	437
VE3CR	A	698,629	585	373
GØWKW	A	664,216	814	409
VE1MC	A	645,498	586	327
GM4SID	A	622,380	793	410
SD4ØJZ	A	581,790	886	410
MDØCCE	A	419,558	649	362
JH7XMO	A	410,380	528	289
DK8EY	"	398,430	588	342
HA5NB	"	371,800	583	338
JA7COI	"	371,800	570	275
OE3KAB	A	290,575	393	295
LY1CM	"	185,008	407	248
OH2VZ	"	173,475	400	257
S51DX	"	167,040	430	240
G4HZV	"	156,996	344	267
LA2AB	A	147,840	340	220
IØZUT	A	100,098	286	201
GI4FUE	A	94,400	202	160
JA1HP	"	89,712	306	168
ZS1EL	A	77,469	176	147
SM6XKB	"	26,448	129	116
PA3GVI	"	18,312	108	84
OU4O	"	9,163	79	77
OH3BU	28	99,615	401	229
ON5ZO	28	27,084	172	122
JR1NHD	21	4,992	58	52
PR5R	14	458,016	496	312
			(Op: PY5AKW)	
JA9CWJ	14	122,590	248	205
JA3DAY	"	23,030	101	98
SV1RP	7	1,139,448	849	482
IK2SND	7	992,320	818	443
OQ5M	7	241,544	448	277
JR4URW	"	50,661	146	117
YU1KR	3.5	682,443	711	397
*VE3DZ	A	3,317,688	1638	649
*EA7TN	A	2,426,248	1882	698
*3XD2Z	A	2,334,607	1267	569
*T94WF	A	2,060,215	1654	631
			(Op: S56M)	
*S51F	A	1,815,192	1460	612
*OL1M	"	1,543,998	1421	554
			(Op: OK1EW)	
*OK3C	A	1,536,427	1470	563
*LZØ7KM	"	1,508,870	1595	605
			(Op: LZ3YY)	
*GØMTN	A	1,421,763	1481	553
*S57U	"	1,244,250	1271	553
*I2WIJ	A	1,163,006	1013	533
*SQ9UM	A	1,090,974	1169	521
			(Op: SQ9UM)	
*DK5DQ	A	1,046,528	1056	512
*RU4SS	A	1,031,180	1149	470
*OK1HX	"	1,024,884	1028	498
*PG7V	A	1,003,940	1236	497
*UN6T	"	999,180	824	390
*MØDHO	"	942,333	937	483
*UY7C	A	928,746	1069	441
			(Op: UR3CMA)	
*VE3XD	"	808,979	680	391
*S51AY	"	726,327	918	441
*OV3X	A	717,344	846	464
			(Op: OZ8AE)	
*EW4AB	A	682,773	889	427
*VE6CNU	"	667,974	760	326
*UY8IF	"	554,975	828	395
*UY2RA	"	519,570	774	414
*OK4N	"	494,070	706	383
*VE3GSI	"	486,717	532	301
*RU3VD	"	473,099	508	451
*YU1EQ	A	466,422	723	382
*SM6BSK	A	396,720	606	348
*UA3ABJ	"	382,072	552	326
*JH7CUO	A	354,858	488	294
*JA2KVB	"	348,192	485	312
*S52OT	"	345,384	488	328
*LY2DV	"	335,175	612	327
*RX9DJ	A	311,190	433	246
*SN7F	"	298,320	622	339
			(Op: SP7LFT)	
*JHØNEC	"	278,487	438	261
*YO6MT	A	278,034	522	311
*RA9UN	"	253,215	402	255
*DL2NBY	"	251,868	561	302
*ON4CT	A	251,400	495	300
*UTØRM	"	234,780	587	301
*J48HW	A	233,128	544	322
			(Op: HAØHW)	
*LA8OM	"	225,432	530	303
*DL1NEO	"	222,084	368	279
*OH1ZE	A	213,860	463	289
*VE3DUS	"	207,366	303	214
*3Z8Z	"	204,612	399	289
*K2NV/VE3	"	196,560	268	195
*VE3TW	"	187,370	319	205
*EA3CEC	"	155,949	315	229
*G3RWF	"	153,925	372	235
*YL2PJ	A	151,589	389	241
*US5EEK	"	150,176	414	247
*JH6OPP	"	142,956	311	198
*3D2EE	A	141,588	215	138
*EA1CRL	"	129,947	281	199
*YU7FN	"	127,912	326	236
*UA9DD	"	126,063	236	189
*YL2IU	"	120,991	356	227
*VA3XOV	"	120,020	233	170
*PG2AA	"	111,830	298	211
*YB4IR	A	103,888	208	151
*US1IV	"	103,824	294	206
*SC5L	"	99,330	291	215
			(Op: SM5BKK)	
*ISØXDA	"	89,760	275	204
*VK2GR	A	88,655	169	119
*JJ6TWQ	"	71,050	212	145
*VE3XAT	"	70,821	171	129
*G3GLL	"	67,704	252	186
*RU3DKW	"	65,985	213	159
*DJ3IW	"	61,614	172	163
*PY2IQ	"	52,598	160	119
*PA0FAW	"	52,397	216	151
*JA6CYL/6	"	50,142	232	122
*SP2GCE	"	49,440	188	160
*DL1ARD	"	45,600	196	150
*VK4TT	"	45,270	122	90
*VE3RCN	"	38,592	122	96
*SE6C	"	36,942	205	141
			(Op: SM6CDN)	
*RW3QF	"	29,715	120	105
*DL3DBY	"	28,854	163	126
*JO1SIM	"	23,765	170	97
*JA4AQR	"	18,496	81	68
*DL7UM	"	17,888	118	104
*JA4BDY	"	17,612	111	74
*SP3AOT	"	16,815	121	95
*DL3KVR	"	13,524	97	92
*JJ1WWL/1	"	10,032	85	57
*DL5BCF	"	7,956	86	78
*OK7N	"	7,140	56	51
*DL9ZWG	"	6,402	72	66
*JH1DVG	"	6,048	72	54
*6I2RC	A	4,601	47	43
*JI4WHS	"	3,552	40	37
*PY4PW	"	3,060	33	30
*JL3RDC	"	1,682	39	29
*AO5GS	"	1,674	32	27
			(Op: EA5GS)	
*DL2EF	"	1,590	32	30
*JH9BWC	"	1,450	26	25
*JI1BDQ	"	1,334	23	23
*YO4RST	"	845	14	13
*JA5RB	"	836	24	19
*YO7LTQ	"	750	26	25
*BA4ALC	A	496	18	16
*S59T	"	442	18	17
*SN5J	28	114,729	330	229
			(Op: SP5JXK)	
*UR5IKN	28	5,782	64	59
*DL6OCK	28	81	9	9
*9M8DX	21	610,056	624	333
			(Op: VK6DXI)	
*9A4RV	21	83,888	318	214
*JP1QDH	21	45,792	188	144
*DO1AYJ	21	5,146	67	62
*JO1WIZ	"	96	8	8
*DD4B	14	1,019,898	1126	561
			(Op: VE3ZIK)	
*VE2XAA	14	725,274	506	333
*CS1GDX	14	566,244	767	428
			(Op: CT1DRB)	
*OE5CWL/6	14	446,927	723	403
*YT7N	14	49,000	206	175
			(Op: YU7QL)	
*S54A	7	1,336,944	878	519
*UA6LTI	7	593,217	590	381
*UW2F	7	577,940	576	370
			(Op: UTØFT)	
*VE3IAE	7	397,316	472	284
*G3ZRJ	7	327,712	528	304
*UA6BFE	"	264,638	316	253
*9A3MA	7	230,336	303	236
*UA1ANA	"	188,880	338	240
*EI4HQ	7	150,136	227	196
*JH9AMJ	7	102,102	212	154
*EC7ABV	7	101,913	186	161
*JA2PFO	"	58,995	150	115
*JA1XRH	"	2,394	21	21
*PAØMIR	3.5	343,403	539	337
*S59N	3.5	281,281	473	281

ROOKIE

UNITED STATES

*NE7D	A	107,450	260	175
KB3P	A	57,472	160	128
*W4BW	A	48,256	198	128
*KE5FRF	A	36,625	174	125
KG6ZHC	A	32,656	155	104
*KCØVKN	A	27,501	134	103
*KT3X	14	307,536	502	344
*K4OSO	14	9,108	76	69
*W9JJC	14	1,170	26	26

DX

*RU9CD	A	924,451	734	341
*F8CRS	A	387,400	601	325
*BD7KLO	A	298,116	481	273
*IZ1LBG	A	208,565	429	295
*B3APX	"	71,296	387	128
			(Op: BD3APX)	
*BD4ITN	"	51,240	351	120
*RX3VF	A	35,242	167	134
*VY1EI	A	17,784	100	78
*OH8GZN	A	15,288	139	104
*DH6BH	A	13,920	111	96
*IZ5HQB	"	6,380	66	58
*JL8MBF	A	1,311	33	23
*SM5BDV	A	1	1	1
*SP5XO	28	22,204	159	122
*US5IVD	28	4,959	61	57
*PU8TFA	21	325	13	13
*EC2DM	14	2,318	39	38
*IZ5GRS	14	299	13	13
*BD2BT	14	288	18	16

ASSISTED

UNITED STATES HIGH POWER

NN3L	A	5,641,867	2311	847
			(Op: N3RS)	
K3WW	"	5,543,721	2233	801
NZ1U	A	3,570,696	1796	732
			(Op: N2TTA)	
WR3Z	"	3,311,847	1808	729
N3KS	"	2,971,566	1542	663
W8MJ	A	2,688,918	1833	687
NN4GG	A	2,468,499	1798	627
			(Op: N4GG)	
KW7Y	A	2,345,595	1748	623
			(Op: K7RL)	
WN9O	A	2,280,473	1648	667
			(Op: W9IU)	
N8BJQ	"	2,030,985	1430	605
N4WW	"	2,022,570	1213	594
W5WMU	A	1,722,217	1522	563
KK5I	"	1,669,104	1685	603
			(Op: W5CW)	
NC7J	"	1,585,964	1603	562
			(Op: W7CT@NI7T)	
NT2A	A	1,470,348	1032	517
NO2R	"	1,452,436	1085	551
AB2E	"	1,373,498	1149	493
KD2HE	"	1,336,030	1143	542
N1IW	"	1,294,176	931	488
K9CT	"	1,267,200	1043	512
K2DB	"	1,025,574	760	451
K2QMF	"	948,582	759	453
N6MA	"	918,574	1094	437
N2YO	"	850,420	933	421
KR4F	"	836,784	848	447
W2LK	"	820,847	668	401
WX6V	A	797,888	822	416
KQ8M	"	601,380	637	390
K4FX	"	508,680	644	360
W4CU	"	493,829	611	329
W1MD	"	450,933	568	327
WM6A	"	396,632	696	344
			(Op: K6TA)	
AK6M	"	391,230	795	315
			(Op: K6MM)	
NX6T	"	390,184	578	302
			(Op: N6KI)	
KZ3M	"	383,724	450	297
K4XD	"	379,659	438	303
K2LE	"	321,030	443	290
N2NS	"	316,799	553	271
K6RIM	"	256,168	446	284
NA2M	"	252,880	341	290
K3KO	"	241,960	292	263
K6DGW	"	217,515	464	255
KM9M	"	211,992	499	242
W2OO	"	208,715	310	247
K6KR	"	203,984	479	244
WW9R	"	198,290	454	251
N6QQ	"	195,170	393	290
WØTT	A	156,546	299	234
N6VH	"	114,190	304	190
W2NRA	"	111,744	244	194
K4GM	"	107,709	213	161
N2SQW	"	62,776	188	152
KF2O	"	46,956	134	129
W4HJ	"	44,290	133	103
KØBX	"	24,882	92	78
KCØRET	"	20,865	138	107
K4IU	"	10,725	85	75
K6ASK	"	3,103	29	29
N5RR	21	205,920	438	288
WA3AAN	14	57,876	184	159
NS1S	7	1,667,658	1048	557
			(Op: K1ZZI)	
KØCOP	7	20,672	82	76
NT1E	1.8	27,720	155	99
			(Op: K3BU)	

UNITED STATES LOW POWER

W6GMU	A	455,280	702	336
W6XR	A	337,692	428	321
WO1N	A	276,024	361	248
W5MPC	A	268,136	504	277
WA3KYY	A	256,515	421	245
AD6WL	"	196,581	472	259
K4FPF	"	173,600	320	224
K9JWI	A	143,640	316	210
K4CZ	"	133,665	281	201
K6JEB	"	93,771	302	151
K6GEP	"	90,791	306	163
KØAD	A	87,906	307	182
AK9D	"	74,132	288	172
			(Op: WVØT)	
WGØM	"	54,683	232	149
N3KN	"	48,960	200	144
K2RD	"	48,608	175	124
K4GMH	"	28,301	104	91
WF4W	"	26,592	103	96
K4FO	"	23,664	105	87
K7VIT	A	22,616	115	88
KØYR	"	22,154	146	106
W3PO	"	17,955	114	95
K5WW	A	11,544	90	78
KØKX	"	10,600	53	53
KØXQ	"	9,576	80	72
N8IK	"	7,747	62	61
N4OK	"	7,540	57	52
AD4YQ	"	6,480	72	60
N2JSO	"	2,176	34	34
AD9T	"	2,010	31	30
KG6TT	"	1,734	36	34
KA3DRR	"	1,430	32	26
W4WNT	"	1,026	24	19
WT5U	"	936	25	24
K3OQ	"	714	22	21
W5GZ	14	54,891	211	171
W5RML	"	40	7	5
WB1EDI	7	40,553	126	107

DX HIGH POWER

TO3T	A	5,407,251	2421	757
			(Op: VE3KF)	
G6PZ	A	4,927,728	2688	848
			(Op: GØRTN)	
S53O	A	3,425,092	1927	748
OH8X	A	3,324,945	2339	767
			(Op: OH4JFN)	
DK3GI	A	3,313,676	1871	739
RN3QO	A	2,786,724	2048	732
VE3UTT	A	2,771,264	1256	608
			(Op: W1AJT)	
DK9TN	"	2,440,196	1688	682
OH6NIO	"	2,238,067	1871	697
OK7Y	A	2,142,459	1522	627
HB9CVQ	A	2,030,190	1530	590
SM6CNN	A	2,010,744	1529	696
PR5W	A	1,962,590	1145	529
DL6KVA	"	1,916,544	1526	644
RD4WA	"	1,637,658	1486	594
DJ3WE	"	1,367,031	1176	551
YL4U	A	1,275,565	1161	551
			(Op: YL2LY)	
EA5FID	A	1,252,900	1282	550
OE3ZK	A	1,230,656	1269	536
SP2LNW	A	1,213,010	1132	505
VA7ST	A	1,117,312	938	406
ZM2B	A	1,109,624	703	328
			(Op: ZL2BR)	
DR5X	"	1,081,584	934	522
			(Op: DL8LAS)	
YU9VK	A	1,032,012	1182	526
DL8WEM	"	1,013,460	1111	532
DL7ON	"	1,008,264	979	516
RM9RZ	A	1,001,351	813	391
DHØGHU	"	968,192	993	496
KH2/WX8C	A	928,653	868	321
ZL1BYZ	"	776,857	612	331
RU3FF	"	726,327	919	427
RG9A	"	641,410	666	343
			(Op: UA9AM)	
VQ97JC	A	626,592	543	321
DL1EJA	"	585,728	782	416
EA1WX	"	585,032	826	434
JF2SKV	A	551,928	655	366
DL2MDU	"	535,620	681	395
GI4NKB	A	531,770	992	410
CW7T	A	518,028	446	294
OH2MM	"	496,463	637	373
VA6XDX	A	462,492	580	261
			(Op: VE6LB)	
EA5BM	"	403,436	457	346
JAØFVU	"	384,580	549	268
RA6CZ	"	382,230	441	310
DJ9MH	"	372,383	558	349
G4KFT	"	368,836	589	346
DM1TT	"	326,025	540	345
DM5DM	"	320,739	540	331
DL5YL	"	308,798	590	322
LZ2ZG	A	307,040	574	304
DL6UNF	"	303,456	597	327
8SØW	"	285,675	410	293
			(Op: SMØNJO)	
DD1JN	"	277,448	594	316
UA3MIF	"	256,158	410	266
UAØQBR	A	253,455	377	277
JO7KMB	"	204,250	389	190
RA3NZ	"	190,430	436	274
UA1NFA	"	182,372	443	254
RV9JE	"	176,730	306	215
JN3SAC	"	170,168	250	178
G7VJR	"	169,257	336	253
PF5X	A	152,424	291	232
DL5SVB	"	150,792	393	244
UY4F	A	107,835	255	195
DJ9RR	"	104,364	337	223
UX2HB	"	91,304	277	202
RA1WJ	"	91,065	272	195
DP4N	"	75,295	225	185
			(Op: DL4NER)	
OE1TKW	"	69,125	204	175
EA1CS	"	67,914	265	198
RA3BB	"	35,814	189	127
JH7MEX	"	29,564	108	76
9A3KS	A	28,072	127	116
6I2YBG	A	25,160	112	85
MØTBF	"	12,600	102	84
YO6EZ	"	6,052	75	68
RN3GM	"	2,080	32	32
RA9MX	"	1,820	28	26
SP9MDY	"	918	18	18
JR1BAS	"	768	16	16
SP3KRE	"	90	6	6
			(Op: SQ3HTX)	
DN4NER	"	36	6	6
			(Op: DL4NER)	
VE1JF	"	12	2	2
UW5W	28	309,264	712	379
			(Op: US5WE)	
F5IN	28	232,246	508	313
SP1NQN	28	149,952	462	264
LY2MW	28	25,600	186	128
DJ1AA	28	19,722	129	114
T97C	21	865,998	1112	553
			(Op: N3UA)	
DQ4Q	21	669,944	842	506
EO1I	21	666,168	998	492
			(Op: UT1IA)	
SN5M	21	655,860	974	510
			(Op: SP5UAF)	
SN8F	"	178,493	437	301
			(Op: SP8FHK)	
OK1DX	21	133,875	331	255
OM3DX	21	49,192	228	172
RT9W	14	2,561,878	1400	671
			(Op: RX9WR)	
UW5Q	14	2,232,424	1640	773
YZ2A	14	1,925,084	1588	698
YP3A	14	1,869,354	1581	738
			(Op: YO3GDA)	
HB9DDO	14	912,716	970	518
I1NVU	14	728,140	882	490
YO6GCW	"	519,547	811	461
CT3EE	14	410,736	404	344
LY4XX	14	31,510	190	137
TF4M	14	21,672	166	126
PY7RP	7	4,215,288	1163	616
YT5T	7	3,432,996	1490	684
UW8M	7	2,603,139	1294	649
			(Op: UR5MID)	
S56X	7	2,324,376	1189	612
OK1DG	7	1,555,224	912	548
YO5CBX	7	816,480	693	432
IK1QBT	7	485,970	505	334
UA6AKD	7	233,856	343	252
HB9CIC	7	193,986	375	234
HA3LI	3.5	510,454	638	361
LY8O	3.5	476,973	616	339
RU9WX	3.5	369,304	325	212
4O5Z	1.8	116,802	285	189
			(Op: 4N7ZZ)	

DX LOW POWER

HG3M	A	2,722,375	1687	751
			(Op: HA3MY)	
S57XX	A	1,211,573	1117	527
ON4CAS	A	813,417	928	471
DL4ØRRDXA	A	605,067	756	417
			(Op: DK1QH)	
SV5/DL3DRN	A	587,928	1080	393
DF1HE	"	441,535	619	379
DJ1OJ	"	373,842	641	378
SQ9FMU	A	370,620	578	355
DM3PKK	"	352,938	545	354
SP7HTD	"	351,154	568	337
DL1QQ	"	347,892	538	318
LU3JVO	A	342,426	390	263
DG7RO	"	305,760	449	312
RZ9HG	A	276,507	382	231
DM5JBN	"	272,397	566	303
PR7AF	A	271,092	335	246
EA7GV	A	269,760	474	281
G3VQO	A	183,090	455	255
DK3DUA	"	163,096	336	296
VA3PL	A	160,524	285	196
DF2LH	"	155,142	325	234
OO9O	"	104,598	326	234
			(Op: ON7SS)	
DH3FAW	"	100,498	317	218
SA1A	A	94,536	301	202
			(Op: SM1TDE)	
RA1TV	A	65,910	237	169
SP4BOS	"	52,288	209	152
DF1HF	"	50,585	182	151
VU2UR	A	47,069	158	121
JA1MZM	A	46,115	162	115
UA9QQ	"	45,968	149	104
6H1ZVO	A	41,685	145	105
EB5CNK	"	41,400	162	120
JA3VUI	"	36,385	116	95
HL1VAU	A	33,535	135	95
UW6N	A	26,875	164	125
			(Op: UR5NX)	
VE6TN	A	21,789	98	81
JA1CPZ	"	21,470	100	95
YL2KF	A	21,008	120	104
JK2VOC	"	20,817	111	81
DL1ECG	"	15,652	97	91
OH2FS	A	15,390	89	81
JA3JM	"	15,080	79	65
JH1GUO/4	"	10,200	74	50
VE6DJT	"	6,528	59	51
UR5TGK	"	5,830	65	55
JE1NVD	"	2,697	39	31
DL9YAJ	"	1,736	33	31
YU5A	A	1,472	26	23
PY2MTV	"	385	11	11
9A2U	28	215,243	549	317
			(Op: 9A3ZA)	
RA6YDX	28	175,280	526	280
YO3JW	28	53,300	249	164
OK2HZ	28	37,296	213	144
SN2M	28	21,600	132	108
			(Op: SP2XF)	
PY2XC	28	6,435	51	45
R15ØM	21	437,825	791	415
			(Op: RA6YY)	
PW1P	21	111,134	218	181
			(Op: PY1DX)	
SE2T	14	494,406	751	454
YO5IR	14	294,000	556	375
YZ2Z	14	263,026	508	347
			(Op: YZ1EZ)	
HA2QW	14	257,283	481	351
PB2JJ	14	240,900	482	330
PAØJED	"	156,519	345	279
UA3TEO	14	88,344	285	216
YO5OAG	"	50,343	199	173
DH5HV	14	17,640	102	98
JR4FLW	14	2,628	39	36
PY2BRZ	14	176	8	8
4N1FG	7	1,880,013	1099	573
IZ1HIV	7	341,584	417	296
VE3MGY	1.8	39,116	140	77

MULTI-OPERATOR SINGLE TRANSMITTER

UNITED STATES

KT3Y	6,642,608	2582	889
NY4A	6,242,823	2433	873
WU3A	5,636,150	2327	845
WA5Y	4,629,122	2476	817
W1CU	3,267,781	1800	709
NQ2F	3,056,631	1743	713
AI6V	2,847,427	1869	683
WE4OJ	2,266,880	1500	640
AC8W	1,873,640	1338	620
AD6E	1,818,170	1607	565
KEØUI	1,434,762	1276	531
KV7DX	1,327,246	1400	538
NN7SS	800,088	921	444
KZ5P	562,111	771	373
N6RC	361,908	664	324
WC8VOA	264,792	426	264
W6YRA	21,216	132	104

AFRICA

EE8A	15,521,385	3773	1045
5D5A	15,165,971	3849	977

ASIA

JA5FDJ	2,674,649	1410	589
8N7TU	2,245,156	1644	548
JM1LPN	1,844,426	1154	542
RWØLT	1,595,810	1376	454
RZ9OZO	1,519,632	993	519
RK9XWO	1,479,408	964	408
JA8RWU	1,113,476	852	437
B4R	1,002,976	1188	416
B5A	517,786	817	314
RU9SWW	337,040	357	220
JA3YKC	281,530	432	235
UA9AZA	31,200	115	96
RZ9WXK	27,639	100	83
8N3HAM	3,220	69	35

EUROPE

TM7XX	10,363,000	3787	1075
OL3Z	7,317,024	2982	984
EC2DX	7,085,192	3440	1003
HG1S	7,074,978	3062	1011
OL7R	6,402,570	2775	914
TMØR	6,068,125	3059	875
OE2S	5,984,278	2755	943
DR8ØAMA	5,370,768	2810	906
UA3R	4,957,506	3174	867
DR4A	4,795,458	2486	906
RF3A	4,788,742	2967	853
SN6Z	4,627,085	2295	839
DLØCS	4,541,348	2461	826
UT7L	3,934,628	2541	796
LN3Z	3,893,760	2377	845
YUØ7HST	3,631,365	2165	727
SO9Q	3,454,304	2130	784
RT4D	3,102,075	2358	765
DA3X	2,892,175	1984	715
9A95ØDM	2,560,896	1815	648
OM3KWZ	2,438,100	1804	675
OM3RKA	2,260,463	1603	667
DL4WA	2,247,400	1715	680
LZ2SX	2,179,313	1940	659
SI9AM	2,166,555	1956	645
RK3QWW	1,980,517	1644	623

RK3QWM	1,694,763	1721	549
LY4U	**1,502,898**	**1543**	**541**
HE7ØFG	**1,478,048**	**1469**	**572**
OK2KPS	1,474,279	1273	569
G6M	**1,301,832**	**1343**	**567**
DJ7LH	1,253,206	1242	527
R3TWA	1,100,495	1144	535
UZ1I	1,042,884	1300	491
UWØL	952,176	1077	478
OL2U	830,560	954	464
OH2K	**733,360**	**1174**	**445**
OM3RRC	682,080	788	420
RK3DZF	512,837	751	383
RK3DXS	492,474	730	389
DD3D	375,550	583	350
UX4E	259,722	574	307
OL1C	233,232	424	258
DLØMB	198,135	400	259
DH150HZ	119,082	326	223
GB6GW	104,200	267	200
RZ3AWM/3	80,408	284	184
F6KRK	72,980	204	178
EW8WW	**21,808**	**146**	**116**
OK5SWL	4,606	56	49
YL1ZS	**1,620**	**27**	**27**
RK3RWQ	756	28	27

NORTH AMERICA

ZF1A	**14,054,082**	**3807**	**1029**
VE3EJ	**9,111,024**	**2856**	**942**
VE8CDX	**4,692,913**	**2108**	**719**
VC7GL	**4,377,600**	**1898**	**684**
VE3YAA	2,279,896	1311	547
T4ØC	**1,822,950**	**1243**	**450**
VE3MIS	1,520,558	1049	466
KL2R	**108,057**	**263**	**181**

OCEANIA

ZM1A	**5,163,520**	**1849**	**640**
YE1ZAT	**3,777,600**	**1803**	**600**
DX1DBT	**575,960**	**648**	**242**

SOUTH AMERICA

P4ØL	**15,992,050**	**3931**	**1025**
LR2F	**8,819,720**	**2566**	**910**
4M5DX	**6,272,656**	**2037**	**689**
PR5Z	**658,482**	**566**	**363**
PY2NA	513,500	523	316
AY7X	14,994	71	63

MULTI-OPERATOR TWO TRANSMITTER

UNITED STATES

KD4D	**10,228,761**	**3863**	**999**
AB1HZ	**6,168,204**	**3082**	**861**
WX5S	**3,372,376**	**2156**	**686**
ACØW	**3,043,222**	**2165**	**727**
NG3U	2,184,593	1418	607

AFRICA

EF8M	**33,033,312**	**6838**	**1248**

ASIA

C4I	**9,504,810**	**3230**	**846**
B7P	**3,578,520**	**2180**	**660**
VR2C	**2,570,490**	**2049**	**585**
DTØHF	**628,368**	**1195**	**304**

EUROPE

OM8A	**13,312,400**	**5015**	**1150**
9A7A	**12,907,656**	**5160**	**1116**
ES5Q	**11,700,700**	**5421**	**1100**
LX7I	**10,585,151**	**4372**	**1033**
RU1A	**10,186,356**	**4955**	**1039**
IR4X	**10,055,650**	**4146**	**1034**
HG6N	**8,515,310**	**4083**	**1010**
DKØED	**8,259,680**	**3847**	**988**
OL7D	**5,389,736**	**3010**	**839**
DR5L	5,294,570	3120	830
S52ZW	**4,931,365**	**2596**	**865**
OZØKD	**1,843,200**	**1671**	**576**
LN1K	**720,399**	**986**	**439**
DFØSAX	613,722	834	439

OCEANIA

KH6LC	**9,226,647**	**3284**	**711**

MULTI-OPERATOR MULTI-TRANSMITTER

UNITED STATES

NQ4I	**11,097,060**	**4688**	**1041**
NR4M	7,943,488	3139	952
NX5M	**6,656,382**	**3939**	**906**
NØNI	**5,188,376**	**3342**	**839**
KF7NN	**4,946,289**	**2345**	**811**
WQ2N	**1,523,834**	**1156**	**559**
W9VT	**266**	**17**	**14**

ASIA

JA3YBK	**5,736,120**	**2376**	**780**
BY1TX	**838,040**	**1027**	**365**

EUROPE

DR1A	**16,999,872**	**6738**	**1184**
OM7M	**15,780,980**	**6398**	**1172**
LY7A	**9,039,801**	**5175**	**969**
SC3ØØVL	**1,647,720**	**1606**	**597**

OCEANIA

ZL6QH	**10,482,368**	**2901**	**832**

CHECK LOGS

The following logs were used as check logs. Check logs are always appreciated.

5Q1CW, CX6VM, DF9KF, DH5MM, DJ3XA, DL3SEM, DQ4M, EA4KA, ER3DX, EW1CQ, G3RWL, G4ERW, GMØNBM, LZ1QV, N5CRO, OK2QX, OM4AA, OZ1KWG, PYØFF, RK6DL, RK9CZO, RN3AKK/3, RUØAT, RU3EJ, RW3CW, RZ3ABC, SN9N, SP2EWQ/2, UA3LIZ, UA4NAL, UA4WLI, UA6GC, UA9CMQ, UN7TW, UX1IM, VE3FDT, W6RK, XL2RAQ, YO2RR, YO9FNP.

DISQUALIFIED: UU7J (Op: UUØJM) – Violations of rule IV.1. (a)