Results of the 2010 CQ WW DX SSB Contest

BY BOB COX,* K3EST

Expanded Results on the Web

Editor's Note: Having more than 6500 logs submitted for the CQ WW SSB Contest is great, but it does put a squeeze on space. In order to assure that the efforts of all entrants are recognized through the publication of complete line scores, certain other elements of our contest reporting have been moved to the CQ website. Please visit the CQWW DX Contest page (follow the links from <www.cq-amateur-radio.com>) for QRM, expanded top scores listings, and more.   —W2VU

The CQ WW is all about fun and lots of activity. Quiet bands come to life during the CQ WW. Let the entrant's comments describe the activity: "There was a huge amount of activity on all bands," *DJ3WE.* "Great contest as always. Lots of activity improved the score over last year and added some to the DXCC. What more could I ask?" *VK4BL.* "Band conditions were great. We did better than last year with more than 300 more QSOs,"*VE3DC.*

The CQ WW is a good way to introduce new contesters to our sport, as commented others: "Three new contesters are now happy to take part in this big event," *DP6T.* "Some absolute 'newbies' to contesting on the team and they took to it like a duck to water. I think we have now converted them to contesting," *GM2T.* "I made my first U.S. contact, so very happy," *MØTTE.* "The Cambridge University Wireless Society's annual entry in CQ WW DX SSB was primarily aimed at introducing young amateurs to contesting. This year was no exception, as 10 out of the 14 operators were age under 30," *M4A.* "This was my first CQ WW SSB. I was very excited," *YC1PEI.* "This was my first World-Wide DX Contest, my second contest— ever," *KG4WPD.*

The CQ WW is about lots of DXpeditions: "My first chance to operate outside the USA, what a rush!" *VP9/N1SV.* "First time that I ever operated a contest from a DX location and it was the most fun I ever had. Felt great to have big contest stations calling me for once to get the multiplier," *Z2/AC7GP.* "It was good to have a large number of DXpeditions during the contest," *AA6K.*

The CQ WW is about learning propagation: "Working VR2ZQZ and B7P via LP Sunday morning on 10 meters was cool!" *N5XJ.* "The most fun contest of all. A special thanks to 9M6LSC for calling in on 20 at 2358 Sunday for a multiplier," *WØUA.* "Yes!! The bands were open. It was great to see 20 and 15 meters wall to wall with signals," *WB6JJJ.*

Once you listen to the bands during the CQ WW, you will be hooked. The scores list the

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A73A. Standing (left to right): K5GN, K6JL, W6XD, N6AA, WB6BFG, AB6BH, N6VI, OH2KI. Sitting (left to right): A71AD, A71EL, A71CV, A71BX.

Ash, 3V8SS.

results of the efforts of all the entrants. A yearly reminder: If you want to know how long it is until the 2011 CQ WW SSB test, check out the website of OT5A: <http://www.on7lr.org>. Read on to see how you and your friends ended up. Everyone who operated the CQ WW SSB in 2010 was a winner.

High Power

Taking full advantage of the unique location of the Azores, Jeff, N5TJ, operating from CR2X, took the top spot. Jeff had to work lots of 3-pointers to overcome his disadvantage into Europe. Not very far behind in second place was Jim, W7EJ, operating from CN2R. Third place world went to 4LØA operated by Andi, UUØJM. Taking second place in Europe and fourth in the world was Tonno, ES5TV, operating from Montenegro as 4O3A. From Finland,

Marko, OH4JFN, took OH8X to third place in Europe. Doug, K1DG put his considerable skills to work to take the USA top position from New Hampshire. Richard, NN3W, operating from N3HBX, took second place from the Maryland countryside. Third place USA went to Ray, W2RE, from southeastern New York. The top West Coast scorer was Glenn, K6NA. Other worthy efforts from propagationally challenged areas were: VU2PAI, HSØZEE, VK3TDX, VK4EMM, 9M8Z (9M6DXX), 3D2A (VK4AN), WH2D (K3UOC), YB1AR, V63CJB (JJ2CJB), T88DL (DL2OBO), and DU9RG.

The continental winners were: North America VY2ZM (K1ZM); Africa CN2R (W7EJ); Asia 4LØA (UUØJM); Europe CR2X (N5TJ); Oceania 9M8Z (9M6DXX); South America FY5KE (FY5FY); Japan JH4UYB; U.S. K1DG.

Low Power

To enter the low power category all you need is a transceiver and an antenna.You will be surprised by what you can work with 100 watts. Plus, making the Top Scores box really means something. Operating from beautiful Puerto Plata, located on the north coast of the Dominican Republic, Ted, HI3TEJ, took world top honors. World second place went to well-known contester S53R operating from ST2AR. Robert made a lot of people happy handing out his double multiplier. Third place in the world and number one in Asia was taken by Yuri, RG9A. 9A7P operated by Hrvoje, 9A6XX, took first place in Europe. Second place Europe was captured by Pasi, OH6UM, at OH2BH. Third place Europe went to low power champion Marius, YO3CZW. In the U.S., taking the top spot for the third year in row was Art, K1BX.

Great operating, Art! Reprising his second-place finish last year was Ed, N1UR. Perennially near or at the top was Marvin, N5AW, taking the third position. N6RV, NQ7R, and K7ACZ made top scores from the U.S. west. V51YJ, ST2AR, 3V8SS, TA2/DL7BC, BA8CY, JY5CC, BW2/KU1CW, E21YDP, EY8CC, UN1O, 3D2A, and DV1JM all had excellent scores from interesting locations.

The continental winners were: North America HI3TEJ; Africa ST2AR; Asia RG9A; Europe 9A7P; Oceania DV1JM; South America HK6P; Japan JH3CUL; U.S. K1BX.

QRP

The QRP category really sharpens your tuning skills. Almost all the top scorers' QSOs are search and pounce. The world winner this time was determined by 15 points! That equals less than 1/15 of a QSO. Coming out on top was Doug, KR2Q, from northern New Jersey, who just edged out Dima, RX1CQ, operating his station just north of St. Petersburg (both will receive trophies!). Third place world went to Steffen, DM2DX, from west central Germany. Long-time QRPer Chris, KA1LMR, took sec-

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2010 WW DX SSB TROPHY WINNERS AND DONORS

SINGLE OPERATOR
World All Band
CR2X (Opr.: Jeffrey Steinman, N5TJ)
Donor: Southern California DX Club

World Low Power
Ted Jimenez, HI3TEJ
Donor: Slovenian Contest Club

World QRP
Doug Zwiebel, KR2Q
Donor: Jeff Steinman, N5TJ

World Assisted
ER0WW (Opr.: Sergey S. Rebrov, UT5UDX)
Donor: Glenn Johnson, W0GJ

World Assisted Low Power
Miro Heleta, YU2A
Donor: Gail Sheehan, K2RED

U.S.A.
Doug Grant, K1DG
Donor: Potomac Valley R.C. – KC8C Memorial

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

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

U.S.A. Assisted
Charles Fulp, K3WW
Donor: John Rodgers, WE3C

U.S.A. Assisted Low Power
Douglass M. Allen, K4LY
Donor: CQ Magazine

U.S.A. Zone 3
Glenn Rattmann, K6NA
Donor: Dave Pruett, K8CC & Greg Surma, K8GL

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

Canada
Jeffrey Briggs, VY2ZM
Donor: Contest Club Ontario – VE3WT Memorial

Caribbean/C.A.
TO7A (Opr.: Dmitry V. Stashuk, UT5UGR)
Donor: Alex M. Kasevich, W1CDC

Europe
4O3A (Opr.: Tonno Vahk, ES5TV)*
Donor: Potomac Valley R.C. – W4BVV Memorial

Europe Low Power
9A7P (Opr.: Hrvoje Horva, 9A6XX)
Donor: Scott Jones, N3RA & Tim Duffy, K3LR

Europe QRP
Dmitry A. Sokolov, RX1CQ
Donor: CQ Magazine

Europe Assisted High Power
OE4A (Opr.: Wolfgang Klier, OE2VEL)*
Donor: CQ Magazine

Europe Assisted Low Power
Boban Kojic, YT9A*
Donor: CQ Magazine

Russia
Vadim Ovsyannikov, R9DX
Donor: CQ magazine

Africa
CN2R (Opr.: James Sullivan, W7EJ)
Donor: CQ magazine

Asia
Donor: CQ magazine

Japan
Masaki Okano, JH4UYB
Donor: Tack Kumagai, JE1CKA

Japan Low Power
Eiji Souno, JH3CUL
Donor: Western Washington DX Club

Oceania
9M8Z (Opr.: Steve Telenius-Lowe, 9M6DXX)
Donor: Northern California DX Club

South America
FY5KE (Opr.: Didier Bironneau, FY5FY)
Donor: Yankee Clipper Contest Club

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

World – 21 MHz
HC8A (Opr.: Richard Smith, N6KT)
Donor: Robert Naumann, W5OV

World – 14 MHz
UP2L (Opr.: Vladimir Umanets, UA9BA)
Donor: North Jersey DX Assn. – K2HLB Memorial

World – 7 MHz
Jham Salim Gechem, HK1T
Donor: Fred Laun, K3ZO – K7ZZ Memorial

World – 3.7 MHz
Teemu S. Korhonen, SM0W
Donor: Fred Capossela, K6SSS

World – 1.8 MHz
Mikhail V. Nabokin, RA9FW/9
Donor: CQ magazine

USA – 28 MHz
Colin S Jenkins, KU5B
Donor: Donald Thomas, N6DT

USA – 21 MHz
Victor Walz, N2PP
Donor: 11PM Dayton Pizza Gang

USA – 14 MHz
Frederick E. Lass, K2TR
Donor: Yankee Clipper Contest Club – KC1F Memorial

USA – 7 MHz
Daniel S. Handa, W7WA
Donor: Stanley Cohen, W8QDQ

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

USA – 1.8 MHz
Manuel Fonseca, Jr., W2MF
Donor: Glenn Johnson, W0GJ

Carib./C.A. (21 MHz)
Edwin Adalberto Nunez Redondo, HI3K
Donor: Nate Moreschi, N4YDU

Carib./C.A. Assisted (21 MHz)
Alfredo Velez Ramos, WP3C
Donor: CQ Magazine

Europe – 28 MHz
George Charokopakis, SV9GPV
Donor: Charles Dietz, W5PR

Europe – 21 MHz
Sebastien Le Gal, F8DBF
Donor: Tine Brajnik, S50A

Europe – 14 MHz
Olivier Seizelet, F1AKK
Donor: Charles Wooten, NF4A

Europe – 7 MHz
TM$$T (Opr.: Gildas Balencie, F/TU5KG)
Donor: John Warren, NT5C

Europe – 3.7 MHz
SN3A (Opr.: Jurek Smoczyk, SP3GEM)
Donor: Ted Demopoulos, KT1V

Europe – 1.8 MHz
M8M (Opr.: Tony Preedy, G3LNP)
Donor: Robert Kasca, S53R

Oceania (14 MHz)
KH7Q (Opr.: Kurt M. Andress, K7NV)
Donor: Bruce D. Lee, KD6WW

Asia –14 MHz
Khalid Al-Jardani, A41OO*
Donor: Charles Shinn, W5PG

Japan – 14 MHz
Gou Hanazak, JA1QXY
Donor: Take Yokoyama, JL1BLW

MULTI-OPERATOR, SINGLE TRANSMITTER
World
D4C (Oprs.: I4UFH, I4YSS, IZ4DPV, IK1HJS, CT1ESV, YL2GM)
Donor: So. Calif. DX Club – W6AM Memorial

U.S.A.
K1LZ (Oprs.: K1LZ, KB1RDZ, KL1A, N2OW, K3JO, NU5Y, N8BO)
Donor: Carolina DX Association

Carib./C.A.
V26B (Oprs.: JA7HMZ, JA7GYP, JA7EPO)
Donor: Bob Raymond, WA1Z

Africa
CQ9T (Oprs.: CT3CD, CT3FQ, CT3HF, CT3KN)*
Donor: Doc Sayre, W7EW

Asia
P33W (Oprs.: RX9TL, UA2FZ, RA6LBS, RW4WR, R3DCX, RA3AUU)
Donor: Edward L. Campbell, NT4TT – AA6BB and KA6V Memorial

Japan
JI2ZJS (Oprs.: JA2AXB, JA2JSF, JH2UVL, JG2TSL, JL2TAW, JM2RUV)
Donor: Bob Epstein, K8IA

Europe
E7DX (Oprs.: 9A1TT, 9A5CW, 9A5K, E70R, E70T, E74AW, E76C, E77DX)
Donor: Bob Cox, K3EST

Oceania
AH2R (Oprs.: JI3ERV/NH2C, JG3RPL/N1BJ, JE8KKX/AH2K, NH2M, JH7QXJ/AH2Q)
Donor: Junichi Tanaka, JH4RHF

South America
P49Y (Oprs.: AE6Y, K0DQ, N4OC, P43A)
Donor: Victor Burns, KI6IM – The Cuba Libra Contest Club

MULTI-OPERATOR, TWO TRANSMITTERS
World
CN3A (Oprs.: IK2QEI, IK2SGC, IV3ZXQ, IV3TMV, S50A, S57AW, S50XX, CN8WK)
Donor: Array Solutions

U.S.A.
KC1XX (Oprs.: KC1XX, DL9DRA, K1EA, K1FWE, KM3T, N1KWF, WC1M, W1FV)
Donor: Kimo Chun, KH7U & Mike Gibson, KH6ND Dan Robbins, KL7Y Memorial

Europe
IR4X (Oprs.: I4VEQ, I4TJE, I4EAT, I4IKW, I4USC, I4LEC, I4AVG, I4YRW, IZ3EYZ, IK4ZGO, IV3YYK, IZ4BOY)
Donor: Aki Nagi, JA5DQH

Oceania
AH0BT (Oprs.: W1FPU/7L1FPU, W1NDE/JE1NDE, KW2X/JG7PSJ, AH0BR/JA1OJE, AH0BZ/JM3CRK)
Donor: Japan CQ Ham Radio

MULTI-OPERATOR, MULTI-TRANSMITTER
World
EF8R (Oprs.: EA8AH, EA8EW, EA8CAC, EA8RY, EA8ZS, EA5DY, ES2RR)
Donor: Dave Leeson, W6NL and Barb Leeson, K6BL

U.S.A.
K3LR (Oprs.: K3LR, N2NC, N5UM, W3TX, K8GL, W2RQ, W8JV, K8CX, N2NT, K1AR, N3SD, K3UA, DL6LAU, N3GJ, LU7DW)
Donor: Jim Lawson, W2PV Memorial

Europe
DR1A (Oprs.: DB6JG, DF6JC, DJ6ET, DJ7EO, DK2CX, DK6XZ, DL2YL, DL3BPC, DL3DXX, DL5CW, DL5LYM, DL5NDX, DL6FBL, DL8WPX, JK3GAD, PA1TX, PC5A, SV2KBS)
Donor: Finnish Amateur Radio League

Japan
8N5A (Oprs.: JM1UWB, JA5FBZ, JA5FDJ, JH5FIS, JH5RXS, JR5IAH, JR5JAQ, JJ5GMJ)
Donor: Masahiro Kitagawa, JH3PRR

CONTEST EXPEDITIONS
World Single Operator
V63CJB (Opr.: Seiichiro Miki, JJ2CJB)
Donor: National Capitol DX Assn. – Stuart Meyer, W2GHK Memorial

World Multi-Single
C91WW (Oprs.: G4LDL, GI4FUM, ZS6JR)
Donor: Gail Sheehan, K2RED

World Multi-Multi
C37N (Oprs.: C31US, EA5BZ, C31CT, C31JM, C31MO, EA1DVY, EA3GHZ, EA3HCJ, EA5CEE, EA5KA, EA6DD, F2VX, F5HX, F5VLY, F6EXV)
Donor: CQ Magazine

*Second place

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ond place USA from New Hampshire. Third place USA went to a familiar QRPer Phil, NØKE. Phil had the highest USA score west of New Jersey. Taking the third position in Europe was Frank, DL4VCG. Special mention must be made of the very fine score of Izuno-san, JR4DAH, #4 in the world and #1 in Asia. The top zone 3 scorer was Mark, K6UFO, operating from NN7SS. He was followed by Bill, W8QZA, operating W6QU. JA2WMV, BA4WI, EA3FF, K8ZT, EA8IK, and 7K1CPT are to be congratulated for their outstanding efforts.

The continental winners were: North America KR2Q; Africa EA8IK; Asia JR4DAH, Europe RX1CQ; Oceania No Entry; South America PY2BN; Japan JR4DAH; U.S. KR2Q.

Assisted High Power

Our emphasis on the assisted categories really increased participation. Why not try to win one of the new assisted awards? A well-known assisted entrant, K3WW, has called the category "Single op distracted." It takes a lot of discipline to achieve a good balance between chasing packet spots and running stations. Repeating last year's victory, Sergey, UT5UDX, operated ERØWW to world #1. Great job, Sergey! Second-place world and number one in North America was KP3Z operated by Felipe, NP4Z. Third place world and first place in South America was Felipe, PY1NB. Second in Europe went to Wolf, OE2VEL, operating OE4A from far eastern Austria. Third place in Europe went to SO8A operated by Andrzej, SP8BRQ. Returning to first place in the U.S. was Charles, K3WW. Charles continues to put in 45–47 hours in the contest! Second place USA went to Joe, AA3B. Third place in the U.S. was Mark, KØKX, in Minnesota. A reminder: use of *any* QSO spotting tool places you in the assisted category.

The efforts of those handing out good multipliers need to be recognized: FP/KV1J, J28RO, 5N7M, 3V8BB, BA7IO, BY3MM, VR2XLN, JT5DX, HZ1FS, A65BP, XV1X, 9M6LSC, FO8RZ, and NH2T made a lot of QSOs.

The continental winners were: North America KP3Z (NP4Z); Africa EA8/DL6MHW; Asia JA2IVK; Europe ERØWW (UUØJM); Oceania FO8RZ; South America ZX2B (PY2MNL); Japan JA2IVK; U.S. K3WW

Low Power Assisted

"As a low power assisted addict, I was very happy to see the CQ WW Contest Committee create separate categories for high, low, and QRP assisted. Finally, we assisted guys get treated just like the unassisted lads. Now I can see where I stand with the other low power assisted stations," *N2FF*. The low power entrants are listed separately and compete for awards with only other low power stations. We hope that many entrants will choose to try the assisted category.

2010 CQ WW DX SSB TOP SCORES

WORLD

SINGLE OPERATOR HIGH POWER
All Band
- CR2X 15,256,808
- CN2R 14,462,305
- 4LØA 10,949,688
- 4O3A 10,587,780
- FY5KE 10,372,524

28 MHz
- LU1HF 941,829
- PW5G 729,355
- ZS6TQ 461,992

21 MHz
- HC8A 3,565,674
- ZX5J 2,301,308
- KH7Y 1,259,180

14 MHz
- UP2L 1,775,378
- HK1X 1,591,948
- F1AKK 1,556,646

7 MHz
- HK1T 1,189,650
- JAØJHA 854,811
- TMØT 633,933

3.7 MHz
- SMØW 509,268
- SN3A 448,440
- EA8CMX 388,065

1.8 MHz
- RA9FW/9 121,346
- M8M 86,545
- ES5RW 83,433

LOW POWER
All Band
- HI3TEJ 5,414,118
- ST2AR 4,290,087
- RG9A 2,792,153
- 9A7P 2,485,230
- JY5CC 2,422,154

28 MHz
- EA8TX 359,476
- CW3D 315,675
- LU6FOV 270,000

21 MHz
- ZV2C 687,401
- HI3K 605,968
- 7Z1SJ 531,872

14 MHz
- HC1JQ 665,457
- CO6LP 342,912
- RZ9OQ 230,652

7 MHz
- EK6TA 557,370
- S57DX 319,667
- HI3FVA 229,104

3.7 MHz
- XE1CQ 140,798
- CO6YAC 131,475
- UK9AA 126,910

1.8 MHz
- EA6SX 23,450
- F5SSK 22,995
- OK1CRM 19,722

QRP
All Band
- KR2Q 594,943
- RX1CQ 594,928
- DM2DX 411,740
- JR4DAH 367,821
- NP2Q 342,225

ASSISTED HIGH POWER
All Band
- ERØWW 7,862,990
- KP3Z 5,644,142
- PY1NB 5,558,720
- ZX2B 5,533,276
- OE4A 5,371,993

ASSISTED LOW POWER
All Band
- YU2A 2,516,631
- PY2SEX 2,430,330
- YT9A 2,188,041
- 9A3XV 2,026,640
- NP3O 2,005,521

ASSISTED QRP
All Band
- RW3AI 222,952
- HA7YS 190,384
- SO8T 90,093
- PU5ATX 75,033
- HA7VK 36,822

Multi-Operator Single Transmitter
- D4C 22,812,320
- P33W 19,267,610
- P49Y 14,084,807
- PJ4X 13,529,100
- V26B 13,060,125

Multi-Operator Two Transmitter
- CN3A 33,320,736
- CR3A 32,470,760
- PW7T 18,244,437
- KC1XX 15,936,950
- LP1H 14,556,432

Multi-Operator Multi-Transmitter
- EF8R 29,023,327
- PJ2T 27,984,516
- A73A 23,364,120
- DR1A 21,624,680
- K3LR 21,247,382

UNITED STATES

SINGLE OPERATOR HIGH POWER
All Band
- K1DG 6,298,860
- NN3W 5,659,026
- W2RE 4,985,904
- K4ZW 4,844,712
- W9RE 4,472,940

28 MHz
- KU5B 55,784
- W5PR 51,148
- W3EP/1 25,315

21 MHz
- N2PP 522,543
- KØEJ/4 509,151
- N4OX 441,071

14 MHz
- K2TR 948,084
- WB9Z 885,764
- KK9A/4 680,628

7 MHz
- W7WA 396,648
- W3UA/1 362,943
- W5WMU 157,122

3.7 MHz
- AA1BU 112,665
- K2XA 110,401
- W3NO 78,942

1.8 MHz
- W2MF 19,670
- K5RX 12,705
- W2VO 7,952

LOW POWER
All Band
- K1BX 2,278,402
- N1UR 1,617,337
- N5AW 1,537,704
- N4TZ/9 988,603
- N5DO 902,088

28 MHz
- K4WI 27,550
- WW4LL 21,114
- KZ5J 8,864

21 MHz
- K4MDX 147,896
- N4IG 145,386
- N1NK 120,536

14 MHz
- N2GM 145,280
- W7FP 123,380
- N7BK 119,925

7 MHz
- WB2REM/4 57,600
- AB7E 51,000
- W9ZRX 20,935

3.7 MHz
- NA8V 33,680
- WA6WPG 8,967
- N7ZG 8,316

1.8 MHz
- NA4W 128

QRP
All Band
- KR2Q 594,943
- KA1LMR 336,954
- NØKE 240,277
- K8ZT 205,942
- NN7SS 160,769

ASSISTED HIGH POWER
All Band
- K3WW 3,933,024
- AA3B 3,257,263
- KØKX 2,837,562
- K1KI 2,684,695
- W4SVO 2,498,229

ASSISTED LOW POWER
All Band
- K4LY 1,385,268
- KS1J 1,041,100
- K2TE/1 1,030,000
- NØHR 1,025,188
- KT4ZB 958,265

ASSISTED QRP
All Band
- No entry ....

Multi-Operator Single Transmitter
- K1LZ 10,193,630
- K5ZD/1 6,622,287
- N5DX 5,406,882
- W3BGN 5,343,624
- N2IC/5 5,137,170

Multi-Operator Two Transmitter
- KC1XX 15,936,950
- WE3C 10,991,044
- N3RS 9,490,192
- K1RX 8,246,080
- NK7U 6,529,756

Multi-Operator Multi-Transmitter
- K3LR 21,247,382
- W3LPL 17,824,653
- K1TTT 7,760,808
- KM1W 6,054,300
- WØAIH/9 5,060,268

EUROPE

SINGLE OPERATOR HIGH POWER
All Band
- CR2X 15,256,808
- 4O3A 10,587,780
- OH8X 6,508,899
- OE3K 5,815,260
- OHØB 5,761,276

28 MHz
- SV9GPV 117,488
- S53O 105,391
- E73O 94,800

21 MHz
- F8DBF 1,207,813
- E77A 900,860
- S53MM 833,796

14 MHz
- F1AKK 1,556,646
- GM2V 1,094,317
- OZ7X 1,082,154

7 MHz
- TMØT 633,933
- DJ7WW 526,848
- OHØV 492,632

3.7 MHz
- SMØW 509,268
- SN3A 448,440
- G3TXF 244,272

1.8 MHz
- M8M 86,545
- ES5RW 83,433
- I4FYF 68,769

LOW POWER
All Band
- 9A7P 2,485,230
- OH2BH 1,845,900
- YO3CZW 1,547,757

28 MHz
- IT9PQJ 73,831
- IZ8DBJ 26,524
- IT9ZVJ 25,500

21 MHz
- EA7ISH 379,183
- UR5IFX 157,596
- IT9RYJ 153,090

14 MHz
- UA1AQA 130,345
- OK2BXE 127,958
- UT3EV 125,760

7 MHz
- S57DX 319,667
- ES5JR 177,282
- USØHZ 117,215

3.7 MHz
- S54W 94,100
- F5BEG 84,584
- LY1G 80,360

1.8 MHz
- EA6SX 23,450
- F5SSK 22,995
- OK1CRM 19,722

QRP
All Band
- RX1CQ 594,928
- DM2DX 411,740
- DL4VCG 325,435
- EA3FF 250,230
- SP2DNI 166,124

ASSISTED HIGH POWER
All Band
- ERØWW 7,862,990
- OE4A 5,371,993
- SO8A 4,669,086
- HG1ØP 4,481,880
- GW9T 4,398,070

ASSISTED LOW POWER
All Band
- YU2A 2,516,631
- YT9A 2,188,041
- EW1P 1,050,740
- MIØM 944,674
- RL6M 903,630

ASSISTED QRP
All Band
- RW3AI 222,952
- HA7YS 190,384
- SO8T 90,093
- HA7VK 36,822
- EA4FH 1,681

Multi-Operator Single Transmitter
- E7DX 12,185,136
- OM8A 10,701,680
- RU1A 10,069,460
- UZ2M 9,498,524
- RL3A 9,436,520

Multi-Operator Two Transmitter
- IR4X 13,885,885
- 9A7A 9,106,461
- DQ4W 8,473,101
- T70A 8,427,883
- DLØCS 7,593,795

Multi-Operator Multi-Transmitter
- DR1A 21,624,680
- DFØHQ 16,439,906
- LZ9W 12,613,744
- OT5A 10,659,128
- EE2W x

DX Colombia ARC: HK1R, HK1X, HK1N, HK1W, HK3JJH/1, HK1T.

2010 WW DX SSB TOP SCORES IN MOST ACTIVE ZONES

Zone 3		
K6NA 2,467,150	K4ZW 4,844,712	RM3F.....................3,114,048
W6YI 1,913,302		US5D 3,112,246
K6XX 1,701,080	**Zone 14**	UA4W 2,867,056
VA7FC 1,602,040	CR2X 15,256,808	
K5RR/7 1,524,135	SJ2W 5,756,040	**Zone 20**
	GM5X 5,369,590	P3N 9,182,016
Zone 4	GW9T 4,398,070	C4W 8,435,425
VC3A 7,447,734	DC4A 4,089,407	YO9HP.....................3,542,022
VE3JM...................5,236,938		*JY5CC 2,422,154
W9RE 4,472,940	**Zone 15**	*TA2/DL7BC............1,964,088
VE3CX 3,384,368	4O3A 10,587,780	
VE3UTT 3,258,063	OH8X 6,508,899	**Zone 25**
	OE3K 5,815,260	JH4UYB...................4,453,610
Zone 5	OHØB 5,761,276	JA7NVF...................2,311,008
VY2ZM 9,863,138	OE4A 5,371,993	JA2IVK 2,060,305
K1DG 6,298,860		JQ1BVI 2,018,975
NN3W 5,659,026	**Zone 16**	JA2PAC 1,915,128
W2RE 4,985,904	ERØWW 7,862,990	
	RX3APM.................3,784,260	*Low Power

The world winner in this tough category was Miro, YU2A. Miro put his location in southern Europe to good use. Second place in the world was Alex, PY2SEX, located in Campinas, Sao Paolo. Third place in the world went to another station from the Balkans, Boban, YT9A. The third position in Europe was taken by Aleksander, 9A3XV. In the U.S., Doug, K4LY, took away top honors and the new U.S. low power assisted trophy. Second place went to James, KS1J, located in Barrington, Rhode Island. Pat, NØHR, from out in Ames, Iowa rounded out the top three U.S. scores. From the U.S. West Coast, N6WS turned in a fine score. There were some real nice multipliers in this new category: XU7ACY, 6V7T, RV9UP, AYØDX, BD5BAJ, BD4HF, A65CA, JM1LRQ, and VK4LDX.

The continental winners were: North America NP3O; Africa 6V7T; Asia RV9UP; Europe YU2A; Oceania VK4LDX; South America PY2SEX; Japan JM1LRQ; U.S. K4LY.

Multi-Single

If you count all the operators who are part of multi-singles, you have a lot of operators. This fun category allows for more than one person to contribute to the score. A run station and a multiplier station allow for good use of different skills. The top score in the world went to the multi-national team at D4C. With the sun not cooperating, the Monteverde contest team just fell short of the African record. For the third year in a row, second place world went to the six-man Russian team operating P33W. The third position went to P49Y: "We had a great time in our first M/S effort from Aruba." The continent with the most multi-single operations is Europe. This year there were 177 different teams who put in a lot of hard work to have fun in the contest. Moving up to the top position in Europe was E7DX. Second place went to OM8A representing the Slovak Contest Group. Third place in Europe went to the RU1A contest club team. MS scores in the U.S. are usually close. Not so this year. Krassy's team at K1LZ took full advantage of the category's possibilities and registered 10-plus million points. The race for second place was taken by another New Englander, K5ZD/1. The team from Harrison, Arkansas, N5DX, took third-place honors. They had the highest score west of Massachusetts! K7RL took top honors from the U.S. West Coast. Some of the rarer ones appearing in many logs were: EF9K, AH2R, C91WW, TA7KA, BY4QA, BY8AC, BT4EXPO, A62ER, 9K2HN, OY6A, V6B, and DX1M.

The continental winners were: North America V26B; Africa D4C; Asia P33W; Europe E7DX; Oceania AH2R; South America P49Y; Japan JI2ZJS; U.S. K1LZ.

Multi-Two

The multi-two category is a real challenge. At least two operators are needed. The world's top team used eight operators to bring home the trophy. Operating from near the ocean, the multi-national crew of CN3A put Morocco in a lot of logs. Not far behind was CR3A, the CT3 Madeira Contest Team. They put their new callsign to very good use. Finishing out the top three world results was the Fortaleza DX Group, PW7T. The top three all were located very near salt water. The famous team from IR4X took first place in Europe. They have been having a good time on a mountaintop near Bologna for a very long time. Moving up from last year's finish into second place Europe was Radio Club Varazdin, 9A7A. Third place in Europe went to the Bavarian Contest Cub station, DQ4W. Taking a break from their usual MM entry, KC1XX proved they were up

to the task in this category too by taking first place in the U.S. WE3C's station in eastern Pennsylvania took the second U.S. honors. Sig's team at N3RS took third place U.S. The far west U.S. station of NK7U again did a great job from eastern Oregon. There were several stations that put nice multipliers on the air and made big scores: S79K, ZS9X, AHØBT, B1Z, T7ØA, V84CQ, YE2R, and YEØX.

The continental winners were: North America KC1XX; Africa CN3A; Asia B1Z; Europe IR4X; Oceania AHØBT; South America PW7T; Japan JF2ZPA; U.S. KC1XX.

Multi-Multi

Many months of planning the station site, gathering operators together, planning the technology, and finally waiting to see what the sun deals us make for excitement. The top world score this year was made by EF8R operating from Gran Canaria. Second place went to PJ2T operating near Sint Martha's Bay located on the northwest coast of Curacao. The number three scorer in the world was A73A. This team has made a real splash at many radio conventions in the last year. They are to be congratulated for their enthusiasm. The M/M battle in the U.S. is always competitive. The CQ WW SSB seems to be a charm for K3LR. Repeating from last year, K3LR took top honors over friendly rival W3LPL, who took U.S. second place. Third place in the U.S. went to the team of K1TTT operating in far western Massachusetts. The top effort from the West Coast was N6WM. Repeating from last year, the top European score went to the fine operators at DR1A, the contest callsign of the DFØCG crew. Second place in Europe for the second year was DFØHQ, the club call of the Ilmenau Contest Club. Third place went to LZ9W located in a small hotel 60 km southwest of Sofia, Bulgaria. The Chinese team B7P made another big effort which allowed many contesters to log a new one. It was very nice to find C37N as a multi-multi. The Shikoku mountaintop QTH allowed 8N5A to take advantage of their special callsign and take top honors in Japan over the eastern Nara team of JA3YBK. WH2DX, BV1ØØ, DX1DBT, and VK4UC gave a lot of contesters a double multiplier.

The continental winners were: North America K3LR; Africa EF8R; Asia A73A; Europe DR1A; Oceania VK4UC; South America PJ2T; Japan 8N5A; U.S. K3LR.

Team Contesting

You can make a team with five contesters from anywhere. You can be on a team and still submit your score for your local club. This is a good way for former club members who live outside a club area to band together and name themselves for the old club and still submit for their local club. You need to register your team anytime before the contest begins. You can submit your team list to <teams@cqww.com>. Top honors in the team competition went to the Black Sea team. Second place went to the WWYC QRO LIDs. Third place went to another WWYC team, WWYC QRO LIDs #2. Congratulations to everyone!

The results of Team Contesting are as follows:

1. Black Sea team: 4LØA (UUØJM), ERØWW (UT5UDX), RCØF (UU5MAF), TO7A (UT5UGR), VE2IM (VE3DZ): **38,608,937**

2. WWYC QRO LIDs: 4O3A (ES5TV), NN3W, OH0B (OH2UA), OH8X (OH4JFN), YN2AA (N6GQ): **34,238,503**

3. WWYC QRO LIDs #2: CR3L (DJ8OG), 9A7P (9A6XX), JY5CC, SJ2W (SM2WMV): **13,912,966**

4. Carolina DX Association: KI4TZ, KZ2I, N4PQX, W3GQ, W3OA: **5,760,167**

5. WWYC Not So QRO LIDs: LN5O (LA6FJA), NH2T (KH2/N2NL), OH6GDX, PA2LS, OQ5M (ON5ZO): **5,421,158**

6. Team Orca: VA7ST, VE7XF, VA7FC, VC3X (VE7VR): **4,324,132**

7. JUMANJI – DX COLOMBIA AMATEUR RADIO CLUB (DXARC)**:** 10M HK3JJH, 15M HK1R, 20M HK1X, 40M HK1T, 80M HK1W: **4,273,826**

8. Contest Group du Quebec (**CGQ team**)**:** VE2XAA, VA2SG, VA2UP, VA2EW **(**VE2TZT), VC2A (VA2WDQ): **2,833,408**

9. Maritime Contest Club #2 – Time Bandits: VY2LI, VE9AA, VE9ZX, VA1CHP, VE1ZA: **2,303,186**

10. Maritime Contest Club #1 – Halloween Hooligans: VE1OP, VE1ZD, VE1JS, VE1AL, VA1MM: **2,276,858**

11. DXXE Tigers: 4B2S, XE3N, 4B1EE, XE2AC: **2,167,679**

12. WWYC Not So QRO LIDs #2: OH1F (OH1NOA), SMØW, DK5TX: **1,198,581**

13. Grand Mesa #1: NX7TT, NØHF, WWØAL, WØETT: **1,123,206**

14. Grand Mesa #2: NØKE, W4ZW, WØRAA, AD1C, WØZA: **890,348**

15. Wireless Outback DX Crew: AA4XA, AA4ZU, K8DV, AA8HH: **522,454**

16. Portage County Amateur Radio Service: KB8UUZ, KC8UNR, N8RLG, W8KNO: **244,236**

17. Allegheny Valley Radio Association, Team #1: KB3LIX, KN3A, W3WC: **128,862**

18. Dundee Amateur Radio Club: GMØBKC, MMØSVK, MMØDXD, MMØDRA, 2MØLEW: **100,907**

19. TIF-TCSWAT Scouting and Guiding Federation of TURKIYE & TC Special Wireless Activity Team: TC87TC (TA1HZ), TA2KN (TA1GE), TB2MYE, TA1FR: **77,560**

Records

Records exist for every mode in every country and continent. If you take a look at the records (cqww.com), you might find one you have a chance to beat. If you discover an error in the records list, please let us know at <questions@cqww.com>. Outstanding efforts of super operators resulted in the following new records. Congratulations!

World: 21 HC8A (N6KT), L7 EK6TA. **U.S.** A3.7 K6ND/1. **North America:** L3.7 XE1CQ, A14 VE6JY. **Africa:** A14 IG9S (IZ8GCE), A21 EF8A (EA8AUW), M2 CN3A. **Asia:** L7 EK6TA, A7 RW9USA, A3.7 RU9CK, A1.8 UA9MA. **Japan:** 7 JAØJHA, A7 JS3CTQ, A3.7 JA6SRB. **Europe:** A CR2X (N5TJ), Q7 S57SU, A7 TM9R (F5FLN). **Oceania:** 3.7 KH7X (KH6ND), Q7 VK2DX, Q3.7 KH6LC. **South America:** 21 HC8A (N6KT), A3.7 PY5QW.

Special Mention

The CQ WW is a great place to pick up new QSOs for your DXCC, IOTA, WPX, and many other awards. During the 2010 SSB contest there were 232 countries active! You can also be on the other end of a pile-up. Pick out a spot, jump on a plane and get on the air from an exotic location. Why not make a plan and travel to a nearby country that is rarer than your own?

Some of the callsigns making the contest more interesting for all of us were: VE2IM, VE2DXY, VYØJA, OX2A, KG4EM, TO7A, VP2MDG, YN2AA, PJ7MF,V48M, IG9/I2ADN, IH9YMC, J28AA, 5Z4EE, 5R8UI,V51YJ, 9Q6CC, 6W1RY, ST2AR, 3V8SS,Z23MS, Z2/AC7GP, T6MB, T6AF, VR2YYW, VR2ZQZ, VR2PX, VU2PAI, VU2CDP, VU2RBI, VU2ABS, JY5CC, JD1AHC, A41OO, A41MX, HZ1PS, 7Z1TT, 7Z1SJ, HZ1DG, 9V1YC, 4S7AB, XX9AU, HSØZEE, HSØZCW, HSØZDG, E21YDP, HSØZJD, A61BK, UK9AA, XV2RZ, 9M2JKL, 9M2ODY, 9M2TO, 9M2PS, SV9COL, SV9GPV, TA1CM, 9H1XT, 3A2MG, 4O3A, GZ5Y, 9M8Z, 9M6BOB, 3D2A, V63CJB, T88DL, T88OM, FY5KE, HC8A, 8R1K, OA4SS, DT8A, ZF2AH, J3/AA8LL, J37K, VP5I, IG9S, IG9D, J28RO,TR8CA, 5N7M, 6V7T, 3V8BB, VR2XLN, XU7ACY, JT5DX, HZ1FS, HSØZCX, A65BP, A65CA, XV1X, 3W1M, MUØGSY, MD2C, 9M6LSC, FO8RZ, NH2T, 8J1RL, V26B, AA9V/VP9, TI5N, HQ2W, VP5DX, A25HQ, D4C, EF9K, CQ9T, CQ3L, C91WW, 9K2HN, A62ER, A61BM, 9M2SMC, OY6A, GJ2A, GDØAMD, JW5E, AH2R, V6B, P49Y, PJ4X, V31BD, TIØRC, CN3A, CR3A, S79K, T7ØA, V84CQ, YE2R, YEØX, AHØBT, VP5T, A73A, C37N, SX5P, HBØ/HB9AON, WH2DX, PJ2T.

Comments

We received 6566 2010 CQ WW SSB contest logs of which 6446 were electronic! Thanks to all the contesters around the world who sent in a log. **Please send in your log no matter how small.** Submitting an electronic log is easy. Send your SSB log to <ssb@cqww.com> (CW to <cw@cqww.com>). Please send your log in Cabrillo format. If your radio has a computer

On the Cover...

Steppin' out … for James Archer, N3ZS/5Z4FV, of Elverson, Pennsylvania, accessing his 55-foot automatic crank-up Tri-Ex tower is as easy as stepping off his roof! Of course, if he were doing it for real, James would be wearing all of the necessary climbing and safety equipment. At the top of the tower are a Telrex 5-element, 15-meter monobander (at 60 feet) and a Cushcraft A3WS dual-bander for 12 and 17 meters (at 70 feet).

Inside his shack, James runs a Yaesu FT-990 transceiver and an Alpha Power 91B amplifier. He focuses almost exclusively on DXing and is working toward a spot on the DXCC Honor Roll. He currently has 301 countries confirmed.

Born and raised in Kenya, James grew up in Uganda, then returned to Kenya as a teenager to work as a pilot for that country's national parks. He received his first ham license in Kenya, on the strength of his pilot's license, for which you needed to pass a Morse code test and be able to repair your plane's radios. James recalled that he went to the licensing agency in his pilot's uniform and the clerk there told him, "If you can fly an airplane, you can operate a radio," and issued him his ham license!

Today, James works as an international environmental engineer, helping Fortune 500 companies "to meet their global environmental challenges." While he has lived in the US for the past 20 years, much of his time has been spent on the road, so far working in 48 of the 50 states and 60 different countries. His career isn't leaving much time for ham radio or flying at the moment, but he did make time back in 1991 to lead the 5X1DX expedition, which was the first DXpedition to Uganda after 20 years in which no ham radio was permitted there. "That was so much fun," he said. "One of the greatest things you can do in amateur radio is go on a DXpedition."
(Cover photo by Larry Mulvehill, WB2ZPI)

2010 CQ WW DX SSB BAND-BY-BAND BREAKDOWN—TOP ALL BAND SCORES

Number groups indicate: QSOs/Zones/Countries on each band

WORLD SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
CR2X	339/15/66	771/27/97	1915/30/107	2458/36/124	3018/37/130	910/27/95
CN2R	530/16/70	726/21/88	1211/29/99	1095/35/105	2701/36/115	757/24/77
4LØA	263/9/54	557/20/82	1887/33/116	1101/31/90	2095/26/89	716/15/57
4O3A	413/15/67	619/21/88	1817/37/112	1627/36/125	2292/36/128	241/23/68
FY5KE	21/8/15	419/14/53	879/27/84	1544/36/107	3024/30/109	547/20/61

WORLD SINGLE OPERATOR ASSISTED ALL BAND

Station	160	80	40	20	15	10
ERØWW	359/10/62	922/25/94	1372/37/125	1720/36/128	1338/38/138	119/21/52
KP3Z	137/12/27	581/22/70	886/34/109	1170/35/98	1399/32/91	300/15/29
PY1NB	16/5/5	71/17/45	612/32/99	599/36/108	1436/30/112	691/22/69
ZX2B	3/2/3	21/12/14	207/24/77	603/33/90	1865/35/120	1021/26/82
OE4A	152/7/51	475/18/80	618/35/123	989/37/120	1205/38/136	118/24/68

WORLD MULTI-OPERATOR SINGLE TRANSMITTER

Station	160	80	40	20	15	10
D4C	175/18/68	915/26/109	1138/38/122	2220/40/142	2845/38/154	1494/31/134
P33W	256/16/71	799/24/98	1665/39/132	1445/39/143	2882/39/158	729/28/103
P49Y	123/13/24	836/26/95	1618/34/106	1508/35/119	2665/35/120	739/18/36
PJ4X	79/9/15	751/26/79	1680/33/108	1049/35/114	2834/35/126	909/23/47
V26B	152/11/35	811/24/92	1500/31/108	1666/36/128	2562/34/134	958/23/49

WORLD MULTI-OPERATOR TWO TRANSMITTER

Station	160	80	40	20	15	10
CN3A	215/13/68	1685/28/117	2688/37/127	2705/38/143	4395/39/152	1066/30/119
CR3A	315/14/63	1160/25/107	2670/37/126	3116/39/139	4371/38/153	1107/32/117
PW7T	22/11/19	731/23/80	1327/35/103	2080/37/141	3956/36/143	633/25/100
KC1XX	86/15/57	584/29/102	1376/39/131	2546/39/151	2185/35/153	230/24/66
LP1H	7/4/5	179/25/35	384/29/68	2120/38/136	3903/34/133	1677/27/93

WORLD MULTI-OPERATOR MULTI-TRANSMITTER

Station	160	80	40	20	15	10
EF8R	221/12/66	1404/25/106	2324/33/117	2311/38/136	4146/38/151	1618/32/129
PJ2T	401/16/41	1489/25/94	3208/32/119	3500/34/132	4010/33/115	1503/23/50
A73A	623/15/74	949/30/95	2378/36/131	2322/39/137	2988/39/150	1122/28/107
DR1A	1113/16/75	1923/27/112	3293/40/143	3658/40/155	2086/39/161	525/28/99
K3LR	401/24/77	1053/29/111	1657/39/138	2973/40/159	2577/36/155	482/22/77

USA TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
K1DG	91/13/51	409/23/82	438/23/84	1179/34/107	1593/30/109	91/16/38
NN3W	53/10/23	290/23/77	646/27/93	1042/35/119	1310/32/120	109/18/41
W2RE	27/9/14	162/17/65	637/25/87	1235/35/112	1348/30/103	67/9/22
K4ZW	67/14/38	249/23/69	567/29/94	879/37/107	1135/31/103	84/17/37
W9RE	46/12/23	205/25/74	514/34/95	869/36/100	1101/32/110	108/15/31

USA SINGLE OPERATOR ASSISTED ALL BAND

Station	160	80	40	20	15	10
K3WW	91/13/43	178/24/76	218/28/96	927/36/116	785/31/122	81/15/36
AA3B	48/10/21	151/16/61	242/29/94	593/33/113	796/31/123	168/14/42
KØKX	16/7/6	82/20/42	221/32/83	778/36/128	703/33/127	118/9/23
K1KI	23/8/14	65/19/47	191/27/79	658/36/108	906/30/116	29/12/19
W4SVO	56/11/25	173/23/78	155/28/85	377/34/112	782/37/128	104/14/28

USA MULTI-OPERATOR SINGLE TRANSMITTER

Station	160	80	40	20	15	10
K1LZ	105/14/65	340/27/96	1067/38/126	1540/39/142	1564/33/139	136/21/57
K5ZD/1	54/11/31	240/27/86	476/35/107	1403/37/130	1330/32/128	74/16/39
N5DX	57/14/36	152/27/78	718/36/112	1162/36/128	1224/33/128	58/14/31
W3BGN	79/13/45	189/25/77	521/34/105	1045/37/127	878/31/130	119/21/47
N2IC/5	29/11/17	142/27/69	851/36/99	645/37/127	1295/36/137	95/19/39

USA MULTI-OPERATOR TWO TRANSMITTER

Station	160	80	40	20	15	10
KC1XX	86/15/57	584/29/102	1376/39/131	2546/39/151	2185/35/153	230/24/66
WE3C	94/21/67	408/29/100	1195/38/123	1723/39/144	1474/33/132	183/21/52
N3RS	53/12/28	441/26/86	972/37/119	1857/37/135	1380/34/132	209/21/57
K1RX	125/16/52	448/26/90	1028/33/109	1652/36/128	1311/31/134	131/15/36
NK7U	52/12/19	212/28/56	905/37/101	1860/38/136	1153/31/116	112/15/33

USA MULTI-OPERATOR MULTI-TRANSMITTER

Station	160	80	40	20	15	10
K3LR	401/24/77	1053/29/111	1657/39/138	2973/40/159	2577/36/155	482/22/77
W3LPL	429/20/76	992/30/114	1731/37/129	2480/39/149	2129/35/149	387/23/66
K1TTT	223/15/53	500/26/92	698/34/106	1443/36/131	1267/32/131	243/17/44
KM1W	133/14/61	369/25/89	424/28/98	964/35/124	1174/32/132	183/17/45
WØAIH/9	164/13/36	317/26/75	585/35/100	1079/36/123	1217/35/133	205/16/38

EF8A operated by Edu, EA8AUW.

interface, please submit a log with **exact frequencies**. Exact frequencies help in the log checking process.

Before you submit your log, you can help us a great deal by double-checking your Cabrillo submission. Please make sure your category is correctly indicated in the Cabrillo header. If you did everything okay, you will get back an acknowledgment from the robot. If there was something wrong, you will get a message telling you what to do to correct the error. You can then resubmit your log to the same addresses. If you are having submission problems, we can help you at <questions@cqww.com>.

The CQ WW Contest Committee provides several ways for an entrant to check his/her log. Soon after you submit your log, a **log received list** with your category and score is posted on the CQ WW site (cqww.com, tab logs: received). Look over your data for accuracy. If you find an error, please let us know at <questions@cqww.com> . About one month before

the results become finalized in *CQ* magazine, you will receive a password via e-mail which will allow access to your log report at <http://cqww.com>. This is called your **report** (rpt). Look over the report to verify again your category and other information. If you find an error, please let us know at <questions@ cqww.com>.

Changes to the 2011 CQ WW rules: Remote receivers outside the limitations of Rule III.3 are not allowed. The only *exception* is public remote Skimmers which are allowed for the Multi-Operator, Assisted, and Xtreme categories. For all multi-operator categories: When two or more transmitters are present on a band, either a software or hardware device **must** be used to prevent more than one signal at any one time; interlocking two or more transmitters on a band with alternating CQs (to solicit QSOs) is not allowed. **For club scores to be listed an officer of the club must submit a list of eligible members for each contest.**

If you plan to try to make the Top Scores box, you can count on your log being carefully checked for rule compliance. Your competitors are relying on fair play. Running more power than the rules of your category allow, the use of undeclared packet, the use of additional operators for a single operator entry, two signals simultaneously on the same band, or on separate bands at the same time, if you are single operator, are violations of the CQ WW rules. The CQ WW has at its disposal many methods to verify the score of an entrant and ensure a fair contest.

Through our interaction with many entrants whose primary language is not English, we found that confusion might exist on the definition of the word "assisted." Ask yourself, "Did I have any help finding *any QSO* in my log? "If you can answer, "*Yes*, I did have help finding/spotting some QSOs in my log," you are in the assisted category. There are many new awards available for those who enter the assisted category. You can find an assisted category record that you can set or beat. You can find the complete CQ WW rules and records at cqww.com. The full rules for the 2011 contest will also be in the September issue of *CQ* magazine and on the CQ website.

MS and M2 categories: Please indicate in the submitted log which of your transmitters is making each contact. All contesting logging programs allow transceiver designation during setup. **U.S. Location:** For U.S. entrants please make sure your operating QTH is shown correct-

ly. We need this information to place you in the right call area within the results. **Single band entrants:** Single band entrants can make QSOs on other bands as a check log. Please submit the QSOs made on all bands you operate. Indicate in the comments section of the Cabrillo header that all contacts on your *non-entry* bands are to be a check log.

Thanks

Creating the results you see in *CQ* magazine is just the final product of a lot of work. Entrant log-submission problems, incomplete logs, forgotten band changes not in log, incorrect call indicated, and a myriad of other subtle problems are sorted out behind the scenes. Using an armamentarium of log-checking tools and data sources, the CQ WW Contest Committee has done its best to certify the winners.

The members of the WW Committee who provided insight into many contesting topics are: CT1BOH, DB7MA, DJ6QT, DL6RAI, E21EIC, ES5TV, F6BEE, G3SXW, HA1AG, IK2QEI, JE1CKA, K1AR, K1DG, K3LR, K3WW, K3ZO, K5TR, K5TR, K5ZD, K6AW, KM3T, KR2Q, KT3Y, LY3BA, LZ2CJ, N2AA, N2NC, N2NT, N3ED, N5KO, N6AA, N6TR, N6TW, N8BJQ, N9RV, OH2MM, OH6LI, PA3AAV, PP5JR, RA3AUU, S5ØA, USØLW, VE3EJ, W3ZZ, W5OV, W6OAT, W7EJ, WØYK, YU1EW, and ZS4TX. We would also like to thank those contesters other than committee members who helped translate the CQ WW rules into their language (cqww.com under rules): 3V8SS, SV1DPI, EA5RS, R3/SM6LRR, BA7JS, BA7NQ, and 9A6C. A special thank you to Ken, K1EA, who spent countless hours making the CQ WW results the best in contesting. Thanks as always to John, K1AR, and Tim, K3LR, for their advice. We want to thank Barry, W5GN, for providing the machinery that produces certificates in a timely manner. The CQ WW records are maintained by John, N2NC, and K3EST. Over many years, Sergio, EA3DU, Oms, PY5EG, and Jorma, OH2KI, have contributed in numerous ways to make the contest better. They have retired from the committee. We want to thank them for all their enthusiasm! Also, congratulations to John, VE3EJ, on his Contest Hall of Fame induction in 2011.

Congratulations to all the winners and entrants! 73, and CU in the 2011 contests!
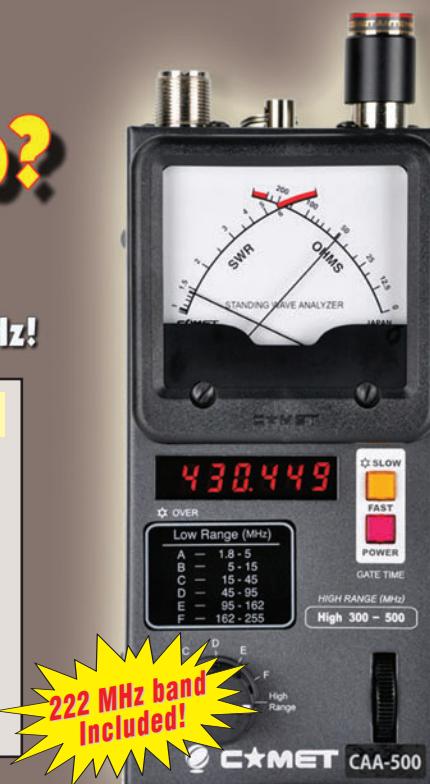
Bob, K3EST

2010 SSB RESULTS
SINGLE OPERATOR
NORTH AMERICA
United States

Call	Band	Score	QSOs	Zn	Ctry
K1DG	A	6,298,860	3801	139	471
K8PO/1	"	3,211,092	2565	119	348
WW1WW	"	2,604,246	1967	117	365
		(OP: KK1KW)			
N1DD	"	837,494	853	87	280
W1RZF	"	590,744	801	62	212
W1STT	"	467,558	525	92	275
K1LU	"	443,460	585	76	209
N1IX	"	385,758	538	62	199
W1MAW	"	372,600	501	73	197
K1QS	"	297,245	498	54	167
K1RM	"	291,902	523	53	153
W1FM	"	245,931	405	70	169
KB1W	"	243,450	405	51	174
NN1N	"	236,208	257	90	246
W1ZZ	"	189,745	251	65	212
AK1N	"	146,412	294	61	135
K1YSY	"	133,965	268	54	141
N1ZJ	"	121,046	266	53	125
K1BV	"	111,800	300	29	101
W3IZ/1	"	99,280	268	29	107
W2QQ/1	"	90,216	214	51	117
NU3C/1	"	79,994	397	19	55
AJ1E	"	66,096	172	43	110
W1XX	"	57,970	163	59	96
N1QEH	"	47,736	170	27	75
W1WEF	"	45,360	155	51	75
K1HI	"	44,268	134	42	82
WM1G	"	29,495	143	26	59
WA1OUI	"	23,415	91	33	72
KB1OD0	"	16,240	82	34	46
WR7Q/1	"	8,418	48	31	38
W1TR	"	7,524	64	19	38
W1MSN	"	4,180	43	11	27
W1AW	"	364	11	6	8
W3EP/1	28	25,315	161	18	43
K1WHS	21	17,160	116	17	38
W3UA/1	7	362,943	958	35	112
AA1BU	3.7	112,665	386	19	46
K1UO	"	13,862	109	13	45
KM1R	1.8	4,788	92	11	25
K1HAP	"	3,503	61	9	22
*K1BX	A	2,278,402	1764	117	352
*N1UR	"	1,617,337	1413	109	328
*N1PGA	"	713,215	794	87	248
*K1HT	"	304,689	471	60	171
*N1BCL	"	242,209	403	67	160
*W1JQ	"	224,536	389	63	158
*W2JU/1	"	204,955	342	68	161
*W1WBB	"	204,140	336	66	170
*NJ1H	"	157,056	309	52	140
*WA1DRQ	"	124,875	259	56	129
*K1VSJ	"	121,752	265	47	124
*W1CCE	"	120,156	312	57	129
*KA1GEU	"	100,905	241	43	112
*KT1VT	"	90,746	226	45	112
*W1DYJ	"	66,284	186	44	102
*KB1THU	"	49,000	157	40	85
*KA1C	"	47,880	179	33	81
*K1VU	"	29,154	113	40	73
*KB1REQ	"	27,342	107	31	67
*N1NN	"	24,380	100	29	63
*W1SRB	"	15,051	96	34	53
*KC2KTZ/1	"	14,707	75	25	52
*WV1K	"	13,680	67	24	48
*KB1FRK	"	6,664	53	17	39
*N1RNR	"	5,858	56	19	39
*KB1NHV	"	5,460	51	25	35
*N1IMW	"	4,416	69	31	33
*KA1VMG	"	4,094	40	18	28
*W1CRK	"	3,432	38	19	25
*K1EP	"	864	16	9	16
*KB1SXZ	"	741	14	7	12
*WK1L	"	620	18	9	11
*KB1QEM	"	459	14	8	9
*K1QED	"	169	8	6	7
*AE1P	28	784	23	7	7
*AB1J	21	541	21	4	7
*N1NK	21	120,536	352	24	98
*N1WRK	"	28,500	135	15	60
*W1NK	"	3,010	34	12	23
*KG1V	14	21,692	118	15	53
*NX1T	"	13,520	91	16	49
W2RE	A	4,985,904	3476	125	403
N2LT	"	2,128,647	1693	118	335
W2XL	"	1,161,315	1105	96	297
NX2X	"	1,141,875	1119	93	282
N2GC	"	819,072	783	94	277
WA2NHA	"	754,389	835	80	247
N2RJ	"	546,840	739	62	177
KA2D	"	445,676	538	79	229
N2MUN	"	301,455	474	56	175
W2LU	"	269,824	464	75	197
KW2J	"	244,933	390	66	161
N1JP/2	"	235,200	354	57	188
K2NV	"	230,964	401	64	164
N2ED	"	193,998	389	60	117
KM2O	"	153,842	300	56	138
K2FU	"	133,857	289	55	138
K2FJ	"	127,846	315	64	135
N2PKB	"	122,880	231	54	138
K2JMY	"	114,660	272	58	137
K3QDV/2	"	113,025	288	40	125
N2BEE	"	92,016	235	41	121
W2FUI	"	59,055	163	37	90
K2MK	"	57,323	161	61	75
W2MKW	"	55,000	196	31	83
WB2KLD	"	54,981	171	47	74
N2CK	"	51,480	177	45	75
N2ZN	"	27,621	105	26	63
N2EIK	"	26,695	127	24	55
NO3N/2	"	21,975	116	16	53
NC2T	"	21,060	94	23	50
W2UDT	"	19,800	101	24	51
KB2KOL	"	11,684	59	28	45
K2YR	"	1,189	14	8	15
W2RR	28	16,608	127	15	33
N2PP	21	522,543	1275	30	119
K2TR	14	948,084	2229	37	127

Call	Band	Score	QSOs	Zn	Ctry
WO2Y	"	45,220	182	17	68
WS9M/2	"	20,979	129	14	49
W2K2A	3.7	110,401	386	26	87
W2MF	1.8	19,670	113	13	57
W2V0	"	7,952	59	15	41
*K2CS	A	426,897	547	77	214
*W2TF	"	348,704	492	77	195
*WA2JQK	"	309,149	449	77	230
*K2DER	"	217,350	386	52	158
*N2JF	"	200,688	353	57	169
*KV2M	"	196,452	364	64	150
*K1TN/2	"	195,545	301	72	187
*WI2W	"	143,260	300	49	141
*N2GA	"	123,900	304	38	112
*W2NTV	"	114,134	273	39	110
*N2MTG	"	102,705	214	61	144
*WI2W	"	78,210	199	54	111
*KC2QJB	"	67,298	182	55	99
*KC2CYE	"	63,945	178	40	105
*WA2LXE	"	49,674	171	25	77
*K2RET	"	37,742	133	36	77
*N2NOM	"	37,510	138	32	78
*N1IA/2	"	36,108	133	39	79
*KB2MN	"	25,900	111	37	63
*KC2GLG	"	20,152	89	26	62
*KA2ANF	"	19,201	89	33	58
*AB2IO	"	17,464	93	23	51
*K3DUB/2	"	16,254	90	27	59
*K9CHP/2	"	14,746	79	24	49
*K2PH	"	13,332	84	19	47
*WA2YSJ	"	12,530	73	25	45
*WB2SXY	"	10,512	62	28	45
*WA2MCR	"	9,996	59	25	42
*KC2WUF	"	9,849	66	27	40
*KC2JKU	"	8,944	71	16	36
*KB2DE	"	8,001	67	24	39
*AE2NG	"	5,141	51	19	34
*N3LZG/2	"	4,902	45	12	31
*KC2SYF	"	4,033	43	12	29
*WA2LUY	"	3,600	38	12	28
*W2HCB	"	3,431	30	20	27
*KA2AAM	"	3,404	32	18	28
*K2IZ	"	3,240	42	21	24
*KC2OVM	"	2,360	39	17	23
*KC2BQW	"	2,272	30	13	19
*K2TZY	"	2,124	29	16	20
*N2LK	"	1,904	31	12	22
*K2AMP	"	1,288	17	12	16
*KA2IHN	"	1,190	22	15	20
*KA2IBN	"	660	13	10	12
*WA2ACV	"	340	21	5	12
*K2JF	"	90	5	5	5
*AE2EA	28	70	6	5	5
*KX2S	21	90,145	292	27	94
*K2TV	"	24,472	113	18	58
*W2ARP	"	23,840	112	20	60
*W2LHL	"	9,686	72	16	42
*KC2TVJ	"	2,016	32	9	23
*N2BEG	"	551	13	5	12
*KC2JRQ	"	20	2	2	2
*N2GM	14	145,280	427	30	98
*K2BQW	"	22,680	129	18	54
*AA2DS	"	12,137	91	12	41
*KC2MBN	"	7,452	68	18	36
*K2HVE	"	1,092	27	10	16
*KC2OSR	"	420	22	8	13
*K2SZ	3.7	3,816	52	12	24
NN3W	A	5,659,026	3450	145	473
K3CR	"	3,710,133	2541	133	404
		(OP: LZ4AX)			
K3Z0	"	3,455,135	2428	133	382
AA1K/3	"	2,878,690	2025	136	409
K3TC	"	1,027,157	1012	99	292
WA2C/3	"	679,320	880	86	247
N3UM	"	595,680	759	75	217
N3RJ	"	584,240	693	93	212
K4JLD/3	"	326,700	435	88	212
N3RR	"	222,640	361	69	173
WM3O	"	190,470	345	55	155
W3FVT	"	181,280	344	57	149
K3VA	"	134,596	321	36	118
K3MRG	"	78,645	192	45	102
W3SQ	"	47,630	181	29	78
N3XL	"	36,666	132	41	85
K3BHX	"	32,205	130	35	74
N3RW	"	30,627	130	32	70
K3RMB	"	27,825	104	36	69
KN3A	"	27,438	104	32	63
W3GNQ	"	21,090	95	33	57
N3U2G	"	10,502	66	19	43
K3RWN	"	15,275	92	18	47
K3ISH	"	8,892	69	17	40
K3NK	7	16,720	90	22	54
W3N0	3.7	78,942	251	27	91
*WB3BSA	"	126,400	247	59	141
*KB3LIX	"	100,467	211	54	129
*K2MS/3	"	84,972	218	39	107
*1UN3/3	"	79,821	207	44	103
*K3LA	"	62,906	190	47	95
*W4YE	"	59,920	171	37	88
*AA3CS	"	50,140	176	47	93
*ND3R	"	48,422	132	48	93
*WB8YYY/3	"	48,258	147	32	89
*W3OD	"	46,890	123	39	91
*N3CHX	"	45,630	154	44	91
*N3PPH	"	43,320	148	30	80
*KR3O	"	38,073	139	38	83
*K3IUU	"	36,200	138	24	76
*K2LNS/3	"	30,396	124	30	78
*W2GG/3	"	25,688	111	34	70
*N3CR	"	25,080	117	35	60
*K3STL	"	19,796	82	35	63
*K3YDX	"	15,210	96	20	42
*WB3IGR	"	14,941	84	23	54
*WA2EAJ/3	"	14,301	95	14	47
*WA3ERQ	"	9,152	71	13	39
*KB3TAP	"	6,048	44	23	40
*N3KUN	"	5,936	59	24	43
*WA2VQV/3	"	5,936	58	18	44
*ND3D	"	3,827	34	17	36
*KB3OPP	"	3,528	32	11	31
*N9GG/3	"	1,075	25	13	20
*W3RLS	"	154	8	7	7

Call	Band	Score	QSOs	Zn	Ctry
*KB3LNM	"	20	2	2	2
*K3FS	21	9,699	75	13	40
*K3CWF	"	3,612	43	11	31
*K3LAB	14	6,256	51	13	33
*WB0YLE/3	3.7	4	1	1	1
K4ZW	A	4,844,712	2981	151	448
K4SSU	"	1,744,424	1539	125	336
K4AB	"	1,657,408	1335	122	342
N6AR/4	"	1,542,568	1194	120	368
K3ZM/4	"	1,423,744	1153	112	342
K3XC/4	"	1,339,000	995	116	404
KZ2I/4	"	1,168,640	1004	107	333
AG4W	"	997,620	992	103	287
N4NO	"	804,616	895	88	256
N4MM	"	693,036	666	108	246
K4ZGB	"	680,043	684	91	280
KI4TZ	"	666,750	698	95	255
KA8Q/4	"	652,275	739	86	239
K4SV	"	619,634	645	94	265
W4KW	"	462,520	593	84	226
NJ2F/4	"	425,246	536	86	212
N4WZ	"	418,264	573	88	220
W0Y/4	"	317,856	530	74	184
N4AA	"	304,106	443	68	185
N3BM/4	"	303,224	471	59	173
K1GU/4	"	292,995	423	73	182
AB4GG	"	272,400	430	61	166
N4PSE	"	245,952	387	69	183
N4CU	"	231,280	374	70	166
W2O0/4	"	211,120	345	72	160
K4FX	"	194,876	342	62	144
K4RO	"	184,574	305	64	165
WB4SLM	"	184,416	338	76	150
K4NLL	"	183,217	460	45	93
W4QK	"	179,196	325	60	158
WS4WW	"	176,600	351	45	155
K4FYM	"	145,733	291	52	139
W9FW/4	"	143,948	289	64	148
K4MF	"	138,890	290	47	123
K4EU	"	138,565	275	52	133
WW4CP	"	126,564	266	59	140
KF4ZS	"	114,304	251	58	130
K4CX	"	113,904	262	48	120
NS4T	"	112,254	261	45	114
AA4LR	"	110,100	282	41	109
K4PHE	"	97,940	221	43	123
W4CYS	"	93,120	276	32	78
W4MAY	"	90,354	176	67	155
WB4MAK	"	90,354	176	40	112
AF4OX	"	90,136	236	30	82
K4JAF	"	77,108	201	52	96
KI4DT	"	68,586	178	42	100
KI4TXP	"	65,794	185	39	95
NB4M	"	63,635	259	23	74
K4SKB	"	58,362	181	44	93
AI4WW	"	56,876	175	34	84
W4UT	"	56,250	169	43	82
N4TL	"	55,296	150	52	100
WA4ZXV	"	52,416	155	56	100
WD4LUR	"	49,623	138	37	102
K7CS/4	"	49,096	148	42	94
AE4EC	"	47,886	158	50	88
K4CEB	"	43,200	156	30	90
KJ4GWE	"	40,590	132	30	80
KG4CUY	"	39,776	128	37	76
WHXI	"	34,727	111	45	76
N3KKM/4	"	31,753	115	38	75
NE8J/4	"	31,320	133	23	78
WM2Z/4	"	30,140	121	32	78
RD4DMY	"	26,558	108	35	63
N4WPJ	"	21,489	108	30	57
W0WU/4	"	19,710	96	34	59
KB4AZX	"	18,952	93	35	66
WF1L/4	"	18,860	99	27	55
K3JWI/4	"	17,654	80	32	51
N3KN/4	"	17,385	70	31	64
KK90/4	"	16,660	81	29	56
K4JTT	"	13,193	65	31	60
W5XB/4	"	11,680	70	32	48
NY4D	"	11,440	77	23	43
W0O40	"	9,072	68	14	34
KU4VY	"	7,168	73	24	40
NY4O	"	7,130	64	24	31
W4ZYT	"	4,896	46	19	32
N2YO/4	"	2,592	34	21	27
N6CLN/4	"	1,620	31	10	17
KJ4MUY	"	4	1	1	1
K0EJ/4	21	509,151	1217	33	124
N40X	"	441,071	1077	32	119
N4JA	"	176,715	931	31	86
KM4HI	"	124,932	415	29	87
N4LZ	"	14,592	93	16	41
KK9A/4	14	680,628	1760	38	118
W8BLA/4	7	29,656	168	23	65
K4IE	"	13,192	93	17	47
W4QNW	3.7	27,334	141	23	50
*NA4K	"	852,208	801	100	292
*N4XL	"	619,570	757	89	245
*N4JF	"	593,044	712	90	256
*AA4XA	"	412,902	549	83	211
*WB4JFS	"	280,108	439	68	171
*N9CM/4	"	265,132	412	57	173
*KJ4EX	"	264,393	384	69	192
*KS4X	"	239,628	389	64	169
*W6DVS/4	"	215,624	338	64	160
*W4YE	"	213,616	384	54	143
*NA4CW	"	182,352	302	72	160
*WA4JUK	"	157,504	315	51	151
*W3TB/4	"	112,412	256	57	122
*W4FT	"	104,880	201	65	136
*NG4L	"	103,850	252	46	109
*K4MCK	"	90,972	232	54	94
*KC1SS/4	"	84,150	210	45	85
*KC4TIX	"	63,801	212	41	60
*AI4GR	"	62,926	174	51	91
*KA4JPB	"	61,908	196	48	85
*W9NWY/4	"	61,438	196	39	79
*K4FJW	"	58,976	186	54	73
*K4ML	"	58,240	168	44	92
*W04MW	"	52,576	163	34	78
*WA4EMU	"	50,760	170	44	76
*N4ARO	"	42,390	173	27	63
*W4BSP	"	38,115	182	41	64
*N4WO	"	38,115	144	39	78
*N4EK	"	37,818	130	38	84
*W4OTN	"	35,919	141	33	66
*N4DBR	"	33,012	154	29	58
*N4LKE	"	32,130	134	32	79
*K4FTO	"	29,590	123	30	71

Call	Band	Score	QSOs	Zn	Ctry
*WB4ZPF	"	26,800	110	30	70
*N2WN/4	"	25,813	121	32	51
*N4MIK	"	25,560	117	42	78
*N3TG/4	"	25,515	96	39	66
*KF7CG/4	"	24,640	113	43	59
*W4FRA	"	23,500	99	35	59
*KQ4Y	"	23,232	107	26	62
*K4JC	"	21,960	105	33	57
*WX4RM	"	21,733	86	37	56
*WB4FEV	"	21,186	100	42	57
*W4MJW	"	20,564	89	41	65
*KM4JA	"	19,039	106	27	52
*KG4ZOD	"	17,578	94	36	58
*N4APR	"	16,791	94	32	55
*AJ4GL	"	16,600	88	25	58
*W1ATA/4	"	16,554	64	35	58
*AA4ZU	"	15,051	88	33	55
*NY4JB	"	14,790	98	28	57
*KE1BYL/6	"	13,193	(...)		
*N4DTF	"	14,130	62	37	53
*AI4UN	"	12,956	66	30	49
*KD4YDD	"	12,950	93	25	45
*AJ4FV	"	12,600	65	31	44
*KC4EZN	"	11,557	85	34	43
*KS4L	"	10,808	71	18	38
*K4GOP	"	10,716	69	27	49
*WU4B	"	9,954	60	30	49
*K4BSC	"	9,308	62	13	34
*W5TDY/4	"	6,993	51	29	34
*KM4RK	"	6,848	46	25	39
*WA4NOT	"	5,824	53	23	29
*KC4JD	"	5,763	54	19	32
*AA4DD	"	5,712	40	18	33
*WV4V	"	5,356	40	19	33
*KI4MGA	"	5,120	44	26	38
*KS4YX	"	4,680	60	17	28
*N0RZT/4	"	4,464	38	21	27
*W4PC	"	4,459	58	19	30
*WA4MAE	"	4,176	36	21	27
*KG4WPD	"	3,784	49	20	24
*K4TOJ	"	2,652	31	16	23
*WB3JKQ/4	"	2,146	29	16	21
*KO4OL	"	1,961	28	12	17
*K4CWA	"	1,848	25	16	17
*W4RLR	"	1,755	31	18	23
*N4FY	"	1,530	33	16	18
*KJ4IWX	"	1,288	22	9	19
*K4GRE	"	1,230	19	13	17
*KD4VVC	"	1,104	17	10	14
*NR4C	"	1,064	24	13	15
*KW4G	"	567	12	9	12
*NR4VT	"	432	15	8	10
*W1LZ/4	"	330	9	7	8
*W4EBA	"	240	11	6	9
*KD4NH	"	221	8	4	3
*ND1Y/4	"	28	4	3	4
*K4WI	28	27,550	222	15	35
*WW4LL	"	21,114	179	15	31
*KJ4AOM	"	3,528	56	9	19
*W4JIK	"	2,562	49	8	18
*K3MAF/4	"	756	20	5	9
*KJ4YWU	"	6	2	1	1
*K4MDX	21	147,896	405	32	107
*N4IG	"	145,386	423	30	93
*N4CT	"	37,386	146	24	69
*W4SUL	"	16,066	100	13	45
*K4NVJ	"	11,098	69	18	44
*KV1P/4	"	8,694	64	20	43
*N3TL/4	"	2,343	31	13	20
*NQ4K	"	936	18	5	13
*N4MO	14	117,588	358	28	89
*WB2TFM/4	"	96,485	315	26	89
*K0RRP/4	"	2,205	27	9	21
*KI4RXE	"	210	7	7	7
*WB2REM/4	"	57,600	440	26	74
*W4PGM	"	6,996	73	12	41
*KG4NEP	3.7	5,544	62	13	31
*NA4W	1.8	128	9	4	4
K5TR	A	2,962,683	2438	150	407
NR5M	"	2,172,958	1913	127	339
K5ER	"	583,412	734	87	227
K5LAD	"	404,061	566	75	196
K5MV	"	382,910	493	88	222
N5XZ	"	286,638	469	74	184
AD5XD	"	218,544	397	82	182
N5VU	"	213,527	444	52	147
K7IA/5	"	197,451	374	56	157
AB5C	"	179,245	335	66	157
K5KM	"	143,200	297	59	141
N5SV	"	69,580	200	51	91
K7RSM/5	"	55,125	169	44	103
WT5I	"	30,264	114	34	70
W5RI	"	11,210	124	16	43
KE1R/5	"	7,104	96	36	53
W5BAY	"	5,880	56	28	42
KU5B	28	55,784	322	22	54
W5PR	"	51,148	273	24	52
W5MV	21	164,700	545	32	103
K5ENS	"	22,826	96	27	56
AC5O	14	45,011	243	27	76
K5YM	"	22,831	134	23	56
W5WMU	7	157,122	567	33	96
		(OP: W5XZ)			
K5RX	1.8	12,705	125	13	32
*N5AW	"	1,537,704	1141	135	369
*N5DO	"	902,088	861	109	293
*W5GFI	"	271,040	462	73	169
*N5MOA	"	230,328	339	84	168
*N4LJ/5	"	210,720	352	73	169
*AD5UQ	"	192,425	339	69	146
*K5DHY	"	135,708	309	54	120
*WA5SOG	"	93,744	223	53	103
*N5CLK	"	92,160	232	50	107
*W1JCW/5	"	87,376	204	54	110
*K3TD/5	"	84,162	218	62	103
*KE5LQ	"	80,931	193	60	99
*W5FIT	"	72,380	215	43	97
*AA5BE	"	54,026	177	38	76
*N5KF	"	53,460	151	44	91
*K5BZH	"	43,772	152	38	77
*AA5JG	"	37,247	143	34	63
*W8DM/5	"	29,393	101	41	72
*K1HG/5	"	16,926	101	24	43
*W5ESE	"	12,238	79	27	46
*KB6OJE/5	"	5,390	47	20	35
*AA5JD	"	4,343	58	17	26
*WW5Q	"	3,894	52	9	29
*AE5NO	"	2,535	50	17	22
*W6KCJ/5	"	1,036	19	10	18
*KB5DRJ	"	924	24	8	14
*DK2KW/5	"	748	16	8	14
*N5DTT	"	368	11	8	8

Call	Band	Score	QSOs	Zn	Ctry
*N7FF/5	"	220	7	5	6
*KZ5J	28	8,864	100	10	22
*K80Z/5	21	90,354	303	26	85
*WA5AU	"	950	20	8	11
*WA5RHG	"	665	13	9	10
*W5GUZ	"	230	9	5	5
*KE5LHC	"	1,104	33	10	13
*W6HH/5	3.7	3,040	39	15	23
K6NA	A	2,467,150	1974	140	335
W6YI	"	1,913,302	1805	125	284
K6XX	"	1,701,080	1493	131	299
K6PH	"	899,080	905	117	263
KF6I	"	773,463	845	110	237
W6TK	"	581,179	743	100	189
WA6KHK	"	393,317	595	83	168
W6UM	"	377,298	476	105	201
K6LRN	"	363,424	492	86	189
KE1BYL/6	"	326,025	623	67	140
KM6XX	"	249,839	449	83	146
W1RH/6	"	198,306	352	59	148
N6TV	"	195,600	372	81	119
N6BM	"	194,200	398	67	133
WC6H	"	172,050	303	79	143
K6JAT	"	126,540	293	70	110
K6YK	"	123,516	239	66	122
KG6AO	"	107,910	261	70	95
KI6QDH	"	102,718	272	62	92
AA6PW	"	84,609	246	53	100
WT6G	"	78,971	222	53	104
N6NF	"	74,236	301	45	89
W4EF/6	"	56,760	155	58	74
WB6JJJ	"	47,472	154	58	71
AD6KA	"	40,188	153	43	59
W0YK/6	"	38,586	148	44	65
WA6PZK	"	31,825	136	34	61
W6SX	"	29,304	127	39	64
W6RFF	"	28,221	141	50	63
K6HRT	"	25,662	117	40	51
K6DGW	"	18,357	94	35	52
N6RI	"	16,490	74	35	50
K6KAL	"	16,376	78	43	46
AJ6V	"	16,020	72	41	48
K9JM/6	"	14,145	71	28	41
K6XC	"	11,418	71	30	36
N3FAW/6	"	510	20	8	9
W6YA	21	425,859	1029	34	113
W6DCC	"	53,361	262	27	72
K6HNZ	14	127,908	474	31	83
WD6FTB	"	54,802	198	30	76
KZ50M/6	"	126	24	1	1
		(OP: K6III)			
*N6RV	A	493,000	655	93	197
*AA6K	"	243,798	406	86	141
*N3NV/6	"	213,210	489	71	135
*W6AQ	"	161,196	317	76	126
*K7XE/6	"	103,740	279	59	97
*K6TV	"	97,050	248	43	92
*W6ZL	"	95,211	234	59	90
*WW6O	"	75,761	223	51	86
*N6ORB	"	73,968	206	47	87
*N6IEF	"	68,442	232	46	76
*NU6C	"	60,071	185	49	78
*KE6WC	"	57,792	194	57	72
*KC6MMU	"	46,046	198	37	54
*KI6JJW	"	43,815	170	46	69
*KE6SHL	"	34,944	135	48	64
*K7LA/6	"	27,930	121	37	53
*KR6LH	"	24,992	117	41	47
*NZ6Q	"	24,610	112	47	60
*N6DZR	"	22,072	99	40	49
*N6FD	"	21,995	105	37	48
*NU6N	"	18,630	98	42	48
*NN6CH	"	14,760	91	37	53
*AA6DX	"	14,000	89	35	35
*KI6DRN	"	13,987	89	33	38
*KA6MIB	"	12,903	83	28	41
*AA6EE	"	12,596	79	31	36
*AA6G	"	11,573	90	37	40
*WA2OOB/6	"	10,626	63	30	33
*K6BIR	"	10,530	67	32	33
*KI6WOX	"	10,317	67	21	45
*K6GHA	"	8,906	63	30	33
*K6ACJ	"	6,837	50	26	31
*AD6LV	"	5,320	51	23	33
*W6JWP	"	4,335	52	22	24
*K6CSL	"	3,710	46	28	34
*KL1WE/W6	"	3,525	33	13	30
*KY6LA	"	3,485	33	10	35
*KI6ORO	"	3,456	47	25	23
*NY6U	"	3,016	69	12	17
*AE6XC	"	1,736	25	16	23
*K6MUG	"	1,288	24	14	14
*W6RTW	"	912	20	10	14
*K6DSW	"	756	19	12	15
*AA6GZ	"	704	30	17	15
*N6PCD	"	560	14	8	12
*W6/VK2IMM	28	936	25	6	17
		(OP: OP:N6WR)			
*AE9F/6	"	18,113	122	23	36
*AE6YB	"	16,473	108	21	37
*WV6N	"	10,502	95	13	33
*W6MIL	"	5,165	47	18	37
		(OP: OP:N6WR)			
*W6RPH	"	2,430	35	13	17
*WA6GFR	"	340	13	8	9
*W6IEE	14	242	12	6	5
*WA6WPG	3.7	8,967	76	18	31
K5RR/7	A	1,524,135	1401	120	297
W7AT	"	1,383,360	1340	130	260
		(OP: W7EW)			
N7TT	"	1,002,400	1120	116	242
N9RV/7	"	705,870	1079	73	189
K7EDX	"	489,114	749	83	163
W7IJ	"	395,472	632	76	146
W7TSQ	"	319,278	491	81	161
K7HP	"	316,008	483	83	169
NF7E	"	256,088	447	84	154
WA7LT	"	205,504	426	61	121
KF7TY	"	196,032	399	61	131
K6WSC	"	165,834	356	86	136
N6TW/7	"	159,929	398	55	132
KE2VB/7	"	124,000	254	73	127
KD7DCR	"	87,320	236	52	123
W7CAR	"	78,474	249	49	89
W7PU	"	73,593	273	50	109
W7EPA	"	68,061	198	38	79
WI7F	"	61,490	192	56	95
K9JDV/7	"	57,960	168	51	93
W7JDE	"	53,176	152	52	84
N7QS	"	46,830	177	41	64

Call	Band	Score	QSOs	Zones	Mult
WA7PRC	"	45,136	142	47	65
WG7X	"	43,452	144	59	83
NI7R	"	37,120	122	46	70
AD7XZ	"	32,606	132	49	70
W7ABC	"	31,878	129	49	77
W6ZQ/7	"	29,008	119	31	67
N7WS	"	23,941	104	31	58
WY7LL	"	22,680	102	39	69
KK7X	"	11,058	71	23	34
KE7GRL	"	10,512	73	32	41
KB7AZ	"	2,088	33	14	15
KK7CG	"	1,482	35	19	19
N7CW	21	160,868	443	33	98
N7LD	"	89,688	312	30	81
KI7DG	"	16,569	105	21	42
W6AEA/7	14	192,816	488	34	110
W7KKR	"	26,334	125	22	55
K7ABL	"	9,396	68	17	37
NE9Z/7	"	5,610	58	16	35
NG7Z	"	4	1	1	1
W7WA	"	396,648	1134	36	99
*NQ7R	A	461,776	550	96	208
*K7ACZ	"	434,868	512	107	227
*K7JE	"	295,427	438	78	173
*N3XRU/7	"	190,884	342	71	142
*N7IR	"	153,078	300	65	121
*KS6A/7	"	133,056	307	58	110
*KD7MSC	"	122,472	293	70	98
*W7YAQ	"	112,395	252	60	117
*N7VR	"	109,018	317	62	120
*NX7TT	"	103,230	235	55	131
*WA0WWW/7	"	100,776	258	53	99
*K7XV	"	97,940	225	53	113
*NG7A	"	91,784	239	53	101
*WA7PVE	"	79,776	218	58	86
*N7UR	"	79,599	213	58	99
*N7VZU	"	73,235	193	47	104
*K7DNH	"	64,722	189	54	84
*AA7DK	"	59,024	205	43	81
*W7QN	"	47,908	168	45	73
*N7ESU	"	39,376	145	37	70
*K6UM/7	"	33,128	126	35	66
*K7BBR	"	27,260	139	37	57
*WE6EZ/7	"	25,688	116	45	59
*KE7VUX	"	23,220	104	42	48
*WB7FJG	"	19,789	96	32	45
*KD7RUS	"	19,197	101	33	44
*K6WSC/7	"	17,015	93	37	46
*NR7Q	"	16,290	82	42	48
*N7BXX	"	16,068	93	30	48
*NE7D	"	15,663	91	19	50
*K7TR	"	14,196	94	35	43
*W7YVK	"	14,137	78	33	38
*KG7WZ	"	13,680	86	30	46
*W8BFX/7	"	12,728	68	35	39
*KF7GYE	"	7,560	67	31	32
*KR7DX	"	7,488	58	25	27
*W7JFF	"	6,477	51	23	28
*W0PAN/7	"	6,450	63	16	27
*KY7K	"	4,947	71	23	28
*AE7IX	"	4,545	47	19	26
*WB4UIC/7	"	4,094	36	20	26
*KD7YOZ	"	3,920	67	17	23
*W7LKG	"	3,818	34	19	27
*WS7V	"	3,713	35	21	26
*KD7HGS	"	3,200	34	19	21
*KG0AL/7	"	2,128	40	19	19
*KF7AMY	"	2,058	26	19	23
*AD7XV	"	1,566	22	16	17
*N7AM	"	1,508	20	15	16
*KC7MIQ	"	1,140	22	16	14
*AD7OG	"	952	18	14	14
*KO7P	"	756	29	11	12
*KF7MAX	"	690	29	11	12
*K7KFB	"	425	17	8	9
*KC7H	"	288	10	8	8
*W7JAZ	"	210	11	5	5
*W8TK/7	"	160	6	5	5
*K7HRW	"	63	5	4	3
*KD7GHZ	"	15	5	3	2
*K7ULS	28	8,241	108	17	24
*W7UPF	21	57,469	238	27	74
*WA7NWL	"	19,734	108	21	48
*K7RF	"	8,307	77	17	22
*KJ7QT	"	6,125	50	15	25
*K6TUJ/7	"	2,412	46	15	21
*KL1SF/K7	"	1,364	24	14	17
*KC7UP	"	216	8	5	7
*W7FP	7	123,380	373	33	91
*N7BK	"	119,925	368	31	86
*KF7BNO	"	140	14	5	5
*N7VTD	"	24	3	3	2
*AB7E	7	51,000	229	26	74
*N7ZG	3.7	8,316	85	20	24
N8BJQ	"	1,647,030	1237	123	360
WB8TLI	"	630,125	656	95	260
N8DE	"	447,913	553	81	226
K8FL	"	424,125	495	95	230
W8GG	"	329,574	438	94	200
K8ZZU	"	285,124	447	81	175
W8ZA	"	253,690	410	63	167
AD8W	"	246,159	390	67	176
K8BZ	"	178,162	300	74	155
KG8CW	"	170,765	330	63	142
K8ESQ	"	154,251	294	55	142
W8PG	"	140,999	306	50	131
W8OHT	"	91,455	217	69	132
W8HMK	"	83,655	219	63	106
N8BHL	"	60,112	172	36	100
WA8FRE	"	53,046	195	38	86
N8IVE	"	41,888	135	35	84
K8PTT	"	41,230	126	40	83
N9RC/8	"	28,840	111	35	68
K8LO	"	22,791	89	35	72
AA8BV	"	13,845	81	18	47
N8RLG	"	3,015	32	16	29
K8ALM	"	700	15	13	12
WA8WV	"	624	19	11	12
N8II	28	17,050	127	17	33
W8TWA	14	183,446	500	32	102
W8KTQ	"	54,439	230	26	75
KD8SQ	"	44,896	193	24	68
NF8J	"	13,410	100	21	49
*WZ8T	A	327,555	505	69	182
*WD8EOL	"	318,570	508	69	190
*K8LY	"	182,554	357	53	141
*W8KNO	"	125,685	270	54	135
*N8VV	"	117,820	255	58	102
*KB8UUZ	"	114,480	255	58	122
*N8BV	"	112,852	306	58	101
*K8YYY	"	96,148	241	47	125
*KE8FO	"	80,631	203	48	105
*WS6K/8	"	71,651	219	46	91
*W8TM	"	64,260	175	40	95
*K8DV	"	50,126	134	40	102
*KB8KE	"	47,712	132	47	95
*AA8HH	"	44,375	135	35	90
*WA8RSA	"	38,784	147	45	83
*KA8NJW	"	29,498	142	30	68
	"	29,432	111	33	71
*N8OQQ	"	21,712	116	32	60
*KN8J	"	18,920	78	29	57
*WA8NXG	"	17,004	84	29	49
*N8AA	"	15,428	89	26	50
	"	14,274	83	27	51
*KC8HQS	"	13,725	84	23	52
*KC8YLD	"	13,212	70	29	42
*W8IDM	"	12,212	70	29	42
*N8PPF	"	9,728	72	26	36
*WA8UMT	"	9,360	53	24	41
*W8DW	"	8,988	75	39	45
*WD8KNC	"	7,021	57	22	37
	"	4,982	46	17	36
*KD8HHG	"	1,785	20	17	18
	"	1,175	21	12	13
*KD8HHG	"	1,166	27	7	15
*W8IDW	"	418	15	10	12
*KD8FDK	"	143	8	6	5
*KD8GOX	21	9,744	63	20	38
*AF8C	14	18,630	115	18	51
*N8WAV	"	9,408	71	14	35
*NA8V	3.7	33,680	174	20	60
W9RE	A	4,472,940	2843	154	433
W9CT	"	432,345	568	85	200
K9ZM	"	317,460	458	72	188
K9MMS	"	212,268	350	71	157
W9NY	"	201,438	433	51	135
N9WKW	"	178,503	350	63	136
K9BGL	"	76,020	260	29	76
WT9U	"	71,994	197	42	100
W9COX	"	61,056	222	39	89
K9BTQ	"	45,375	150	43	82
N9UY	"	44,511	176	36	75
N9JZ	"	37,625	128	52	73
N9VX	"	35,919	138	42	75
K3WA/9	"	34,970	100	39	91
N9JZN	"	20,000	77	42	58
K9WMS	"	11,376	60	27	45
KQ7Q/9	"	10,074	64	29	44
K9JIG	"	4,410	42	19	22
WB9AYW	"	16	2	2	2
N9MW	21	171,855	515	31	104
W9OP	"	119,888	364	29	98
N9GH	"	9,996	73	15	36
WB9Z	14	885,764	2074	39	125
K9SH	3.7	12,784	111	16	52
WO9S	1.8	168	17	3	3
*N4TZ/9	A	988,603	909	103	304
*KD9MS	"	381,066	491	86	215
*K9JE	"	246,228	433	59	154
*KF9TI	"	169,983	326	53	134
*N9LYE	"	129,204	271	66	128
*W9VQ	"	121,344	251	60	132
*WD9CIR	"	82,880	211	50	110
*W9QL	"	68,391	197	51	98
*KV9W	"	58,293	182	44	83
*K9KMD	"	53,875	184	37	88
*KR9E	"	28,336	108	43	69
*W9LW	"	26,418	103	41	70
*WC9B	"	22,244	108	30	53
*KC9LIF	"	19,928	107	38	56
*W9OA	"	19,050	102	37	58
*KC9LQS	"	15,372	103	35	49
*KC9KM	"	13,520	84	30	50
*KB9YGD	"	12,390	66	34	43
*AA9RT	"	10,626	69	34	43
*WB9LRK	"	9,060	66	32	38
*N9BT	"	6,588	53	24	30
*N9LB	"	6,336	43	27	39
*K9DEB	"	5,292	48	24	36
*WE9V	"	4,836	33	22	24
*KC9OYE	"	4,361	46	26	23
*KB9AC	"	3,741	46	16	25
*KB9KAK	"	3,431	41	21	26
*N9VPV	"	3,280	33	17	23
*KV9EX	"	3,000	27	16	24
*K9GY	"	2,600	26	16	24
*KC9IL	"	1,664	14	14	18
*WB8RFB/9	"	1,540	27	12	16
*WD9E	"	1,110	19	14	16
*WB9LPW	"	1,081	18	11	16
*K9ES	"	1,026	20	11	16
*WR9Y	"	378	13	10	8
*KA9OBZ	"	220	7	5	6
*K2UR/9	21	108,840	328	29	91
*KD9AC	"	7,590	69	14	24
*WJ9AC	"	475	10	10	9
*WI9H	"	21,930	103	25	60
*WB8BZK/9	"	360	12	8	7
*W9ZRX	"	20,935	108	20	59
W0UA	A	2,945,013	2235	149	374
NC0B	"	528,640	667	83	212
K0OU	"	459,563	601	84	215
NE0U	"	450,216	641	82	214
K9MWM/Ø	"	215,754	442	72	162
W0BH	"	164,116	321	44	134
W0BH	"	160,826	347	64	130
K0BUD	"	150,844	347	69	123
K0PK	"	147,000	276	70	125
K0JPL	"	140,003	270	61	130
K5VYT/Ø	"	134,400	292	43	115
K0FA	"	124,080	285	57	119
W0RX	"	112,288	247	63	113
K0JJR	"	97,350	237	61	104
W0GG	"	85,169	198	48	113
N0OST	"	78,435	222	39	96
W0ZQ	"	72,864	204	54	90
WM0L	"	65,520	198	53	87
N0IM	"	35,055	123	45	78
K5UK	"	33,156	183	44	64
K0XTR	"	24,605	102	41	54
W0ZA	"	23,551	128	35	66
NA0BR	"	21,505	95	30	55
N0OK	"	11,368	64	31	46
K0YR	"	7,137	59	26	37
K0YR	"	850	21	8	9
N7DR/Ø	21	54,720	215	27	68
KB0YH	"	41,154	159	25	66
KØIZ	14	138,861	395	33	106
WØPPF	"	13,514	121	18	48
N0SC	"	798	35	8	7
WØGJ	7	57,908	246	34	90
WØDD	3.7	120	7	5	5
*KBØEO	A	584,064	705	91	221
*WØETT	"	354,830	561	78	181
*KØCN	"	351,722	505	81	178
*KØJJM	"	222,939	435	62	145
*KØFX	"	181,068	330	76	161
*NØUY	"	176,300	328	66	139
*KØBJ	"	174,240	355	48	128
*KØCF	"	119,660	286	45	110
*WØRK	"	98,115	241	51	104
*WAØLJM	"	71,346	198	43	95
*WØRAA	"	49,028	170	43	76
*K1WY/Ø	"	43,287	113	42	99
*WBØLJK	"	40,600	151	43	73
*KDØCVZ	"	39,809	138	44	77
*WØYJT	"	38,760	149	37	77
*AGØA	"	36,288	143	43	83
*K9WN/Ø	"	31,800	121	34	66
*KØBWQ	"	28,013	154	44	65
*NYØT	"	23,958	79	44	77
*NØBUI	"	23,205	105	23	62
*WØPI	"	16,093	80	31	46
*NØWCH	"	14,325	83	29	46
*KDØMKT	"	10,011	95	35	36
*NØGOS	"	9,184	79	22	34
*KCØJFY	"	7,788	51	26	33
*KJØP	"	7,371	92	30	33
*WØNFS	"	5,356	49	18	34
*KDØBSY	"	4,462	46	23	23
*ACØLL	"	3,627	72	19	20
*W1JEQ/Ø	"	3,276	41	27	36
*KØIV	"	3,168	49	17	19
*N9GC/Ø	"	2,871	42	12	17
*N1WQ/Ø	"	2,485	28	15	20
*KAØEIC	"	1,537	37	10	19
*KAØEIC	"	925	20	12	13
*KCØUUT	"	888	14	11	13
*KDØMJT	"	638	23	12	10
*KCØYHU	"	504	18	10	11
*AAØK	"	391	17	8	9
*NØCKC	21	6,204	54	16	28
*NØAX	"	1,725	34	11	12
*KØANS	"	720	20	7	11
*NØLZ	"	629	14	8	9
*KCØRQH	"	540	15	6	9
*NØØT	14	19,734	111	21	48

Alaska

Call	Band	Score	QSOs	Zones	Mult
KL7AC	A	176,276	627	50	77
NL8F	7	18,096	265	11	15
KL7RA	3.7	40,020	312	23	35
*WL7BDO	A	73,480	384	42	46
*KL7R	"	6,600	93	18	15
	(OP: KL1JP)				
*KL2R					
*WL7UQ	14	22,836	135	22	44

Barbados

Call	Band	Score	QSOs	Zones	Mult
8P5A	A	483,550	1132	50	140
	(OP: W2SC)				

Belize

Call	Band	Score	QSOs	Zones	Mult
*V31MH	A	118,244	307	59	105
	(OP: W7ASF)				

Bermuda

Call	Band	Score	QSOs	Zones	Mult
VP9AD	21	7,296	59	16	32
*VP9/N1SV	A	1,507,158	2747	73	206

Canada

Call	Band	Score	QSOs	Zones	Mult
VY2ZM	A	9,863,138	5832	148	486
	(OP: K1ZM)				
VY2TT	"	2,401,990	2408	98	303
	(OP: K6LA)				
VY2LI	"	1,344,952	1745	73	219
VE1ZJ	"	486,336	734	84	214
VA1MM	"	427,700	862	69	166
VE9SIX	28	2,860	51	6	14
	(OP: VE9AA)				
VO1MP	14	911,880	2288	35	114
VE9AA	7	141,246	532	28	86
*VE1ZA	A	725,340	942	75	239
*VE1ZD	"	311,736	750	48	138
*VE1JS	"	304,200	558	51	149
*VO1TX	"	182,728	495	52	130
*VE1SQ	"	182,422	390	57	140
*VO1DJT	"	104,258	267	44	110
*VE9IS	"	65,500	223	31	94
*VO1BBN	"	59,059	158	40	103
*VA1CHP	21	206,248	731	25	91
*VE1AL	"	44,678	197	20	69
*VE9ZX	3.7	41,808	300	15	52
VE2IM	A	8,803,289	5877	134	443
	(OP: VE3DZ)				
VE2GSO	"	1,532,493	2460	71	198
VE2FXL	"	20,100	240	14	33
VE2FBD	7	12,426	92	14	43
*VA2OP	A	309,624	758	52	142
*VE2AWR	"	166,940	371	45	124
*VE2HIT	"	119,990	288	45	109
*VE2EZD	"	72,574	228	38	93
*VE2AXO	"	45,588	160	34	82
*VE2VJP	"	21,389	128	23	50
*VA2UTC	"	7,008	68	18	30
*VE2JMK	"	6,533	79	18	29
*VE2GLA	"	896	18	12	16
*VA2SG	1.8	91	11	4	3
VC3A	A	7,447,734	5397	137	412
	(OP: VE3AT)				
VE3JM	"	5,236,938	4382	111	356
VE3CX	"	3,384,368	3542	110	314
VE3BW	"	2,043,586	1841	119	323
VC3X	"	1,937,320	2195	97	277
	(OP: VE7VR)				
VE3RTU	"	1,451,952	1411	105	327
VE3KKB	"	214,338	333	73	184
VE3RER	"	83,640	221	48	116
VE3MMM	"	65,094	271	36	78
VE3FTM	"	27,714	113	27	66
VA3LUK	"	6,327	52	23	34
VA3PGL	"	680	21	12	8
VA3ACZ	"	20,331	101	25	56
VE3KZ	21	605,052	1541	32	115
VA3TTU	14	8,845	62	24	37
VA3XH	7	53,820	238	26	66
VE3BDN	3.7	29,348	540	10	34
*VA3YP	A	917,007	1288	72	201
*VE3FDT	"	625,856	893	88	220
*VA3SWG	"	559,251	1075	61	170
*VE3AD	"	221,704	387	63	150
*VE3BVA	"	147,261	294	51	140
*VE3OX	"	136,338	320	62	124
*VA3GD	"	100,636	328	46	93
*VE3JDF	"	94,958	256	54	104
*VE3RSA	"	45,276	135	43	89
*VE3OM	"	44,196	140	32	84
*VE3RCN	"	40,716	140	30	78
*VE3MCF	"	40,228	147	34	78
*VE3TU	"	31,396	153	39	55
*VE3GFN	"	24,426	85	33	45
*VA3TPV	"	9,709	63	31	42
*VA3FS	"	8,690	80	16	39
*VE3NQM	"	6,105	46	23	32
*VE3AJ	"	1,674	30	8	19
*VA3MAH	"	1,333	19	12	19
*VE3FH	21	71,540	265	22	76
*VA3FP	"	69,201	230	21	78
*VE3IAE	"	31,450	165	17	63
*VA3GUY	14	15,984	112	12	42
*VA3FN	"	24	4	3	3
*VA3DF	7	147,960	545	29	91
*VE3EDY	1.8	5,040	194	6	9
VE4EAR	A	1,676,346	2308	99	235
VA5LF	A	105,610	412	40	78
VE5CPU	"	33,945	149	33	60
VE5FX	14	258,255	812	36	99
VE5UA	1.8	16,160	273	12	20
*VE5ZX	A	462,848	1000	65	161
*VE5UO	"	1,836	41	13	14
*VE5AAD	14	13,145	101	18	37
VE6EX	A	966,492	2120	75	153
VA6UK	"	192,700	494	53	114
VE6EPK	"	145,635	475	46	87
VE6CMV	"	12,922	86	29	42
*VE6ZC	A	44,198	229	43	55
*VE6TD	"	23,712	130	36	42
*VA6AM	"	20,930	137	30	40
*VE6GEL	"	9,591	88	32	37
*VE6VS	"	1,856	39	16	13
*VE6DKC	14	12,006	101	18	40
VA7ST	A	596,232	1145	80	154
VE7AX	"	138,528	417	52	92
VA7BS	"	3,422	65	15	14
VE7XF	21	188,540	690	29	81
XM7CPR	14	277,200	983	35	97
*VE7BC	"	249,480	601	70	110
*VE7ABC	"	188,097	514	60	99
*VE7NS	"	95,580	256	48	87
*VA7RN	"	49,060	177	43	67
*VE7RSV	"	26,910	127	40	50
*VA7CRZ	21	33,528	196	23	43
*VE7WWW	"	13,432	111	19	27
*VE7TJL	"	288	16	5	3
*VE7CV	14	77,623	334	26	65
*VE7AIF	1.8	64	12	2	2
*VE8GER	A	117,092	321	56	90
*VYØJA	"	1,100	24	11	9

Cuba

Call	Band	Score	QSOs	Zones	Mult
*CM5FZ	A	101,680	307	45	110
*CM8WAL	28	9,210	114	12	18
CO8AW	21	29,106	257	18	45
CO6LP	14	342,912	1414	30	98
CO8CY	7	34,861	231	18	53
*CO6YAC	3.7	131,475	895	19	56

Dominican Republic

Call	Band	Score	QSOs	Zones	Mult
HI8PJP	28	11,662	150	14	20
*HI3TEJ	28	5,414,118	5388	111	327
*HI3EPR	"	14,756	228	18	34
*HI3K	21	605,968	2206	29	92
*HI3CC	14	185,163	970	27	66
*HI3FVA	7	229,104	999	29	82

Greenland

Call	Band	Score	QSOs	Zones	Mult
OX2A	A	3,065,904	2951	104	319
	(OP: OX3KQ)				

Grenada

Call	Band	Score	QSOs	Zones	Mult
*J39BS	A	18,798	108	38	40

Guadeloupe

Call	Band	Score	QSOs	Zones	Mult
*FG1PP	A	48,954	282	23	55

Guantanamo Bay

Call	Band	Score	QSOs	Zones	Mult
*KG4EM	A	54,524	309	24	49

Honduras

Call	Band	Score	QSOs	Zones	Mult
*HR1RTF	A	40,810	159	41	69

Martinique

Call	Band	Score	QSOs	Zones	Mult
TO7A	A	8,200,120	6026	152	468
	(OP: UT5UGR)				

Mexico

Call	Band	Score	QSOs	Zones	Mult
4B2S	A	1,288,701	2185	94	185
	(OP: XE2S)				
XE1V	"	124,160	315	71	123
XE2AC	28	55,055	385	20	45
4B1B	14	366,798	1617	30	83
	(OP: XE1B)				
*XE3N	A	699,699	1137	79	194
*XE1ZTW	"	89,235	269	52	83
*XE1AY	"	38,129	198	41	50
*XE2JA	"	30,624	261	28	30
*4B2ANT	"	8,352	274	10	6
*XE2JTS	"	663	24	7	6
*XE1TD	28	840	21	6	3
*XE2HWB	"	516	52	9	12
*XE1GRR	21	80,400	519	25	50
*XE2WWW	"	17,478	497	8	13
*XE1BY	14	161,680	849	27	67
*XE2YWH	"	5,412	75	12	21
*XE1CQ	3.7	140,798	811	25	64

Montserrat

Call	Band	Score	QSOs	Zones	Mult
VP2MDG	A	5,394,420	4812	120	340
	(OP: K2DM)				

Nicaragua

Call	Band	Score	QSOs	Zones	Mult
YN2AA	A	5,721,522	5146	123	375

Panama

Call	Band	Score	QSOs	Zones	Mult
HP1/IZ6BRN	A	179,334	725	46	77
HP1RSB	"	210	10	3	6
*HP3FTD	A	15,975	85	29	42
*HP1RAT	28	735	17	7	8

Puerto Rico

Call	Band	Score	QSOs	Zones	Mult
WP4WW	28	1,656	56	6	6
	(OP: KP4JRS)				
NP4DX	7	350,280	1294	29	97
	(OP: KP4WW)				
*WP3GW	A	104,490	249	51	111
*KP4JFR	"	5,865	97	26	53

Sint Maarten

Call	Band	Score	QSOs	Zones	Mult
PJ7MF	21	7,209	139	13	14

St. Kitts & Nevis

Call	Band	Score	QSOs	Zones	Mult
V48M	A	3,534,342	3989	102	297
	(OP: W2OX)				

U.S. Virgin Islands

Call	Band	Score	QSOs	Zones	Mult
KV4FZ	1.8	59,904	497	18	46
*KP2DX	A	37,754	215	33	53

AFRICA

African Italy

Call	Band	Score	QSOs	Zones	Mult
IG9/I2ADN	28	149,124	564	24	78
*IH9YMC	21	90,798	458	16	58

Canary Islands

Call	Band	Score	QSOs	Zones	Mult
EA8CDI	A	941,680	1134	78	220
EF8G	"	10,557	75	21	30
	(OP: EA8CNB)				
ED8D	21	312,732	932	28	98
EA8LS	"	23,052	167	13	38
EA8BVX	7	420	10	5	9
EA8CMX	3.7	388,065	1158	25	98
	(OP: OH2BYS)				
*EA8OM	"	800,172	1023	65	214
	(OP: DJ1OJ)				
*EA8AJO	"	149,240	346	49	115
*EA8CVW	"	92,322	245	39	99
*EA8CST	"	63,726	189	39	90
*EA8BQM	"	52,002	182	38	69
*EA8DG	"	8,001	50	27	36
*EA8AQV	"	7,725	43	32	43
*EA8TX	"	359,476	1001	24	100
*EA8CQW	21	49,468	225	22	61
*EA8VD	"	89,832	292	27	87
*EA8BPX	7	12,805	87	20	45

Djibouti

Call	Band	Score	QSOs	Zones	Mult
*J28AA	"	53,958	198	28	74
	(OP: E70A)				

Kenya

Call	Band	Score	QSOs	Zones	Mult
5Z4EE	A	172,520	337	64	126

Madagascar

Call	Band	Score	QSOs	Zones	Mult
*5R8UI	"	54,655	220	24	61
	(OP: IK5ZUI)				

Madeira Islands

Call	Band	Score	QSOs	Zones	Mult
CR3L	A	9,005,582	5731	121	417
	(OP: DJ8OG)				
*CT3FJ	14	28,512	177	17	55

Morocco

Call	Band	Score	QSOs	Zones	Mult
CN2R	A	14,462,305	7020	161	554
	(OP: W7EJ)				
*CN9YE	"	166,690	376	40	118
*CN8KD	21	166,950	802	20	55
*CN8VO	14	37,417	190	15	56

Namibia

Call	Band	Score	QSOs	Zones	Mult
*V51YJ	A	1,603,386	1774	84	233

Rep. of Congo

Call	Band	Score	QSOs	Zones	Mult
*9Q6CC	28	59,616	300	18	63
	(OP: CX2CC)				

Senegal

Call	Band	Score	QSOs	Zones	Mult
6W1RY	A	6,858,838	4777	124	394
	(OP: F5VHJ)				

South Africa

Call	Band	Score	QSOs	Zones	Mult
ZS6GF	A	909,891	1182	89	224
ZS5NK	"	320,252	530	74	162
ZS1EL	"	160,208	405	48	104
ZS6BRZ	"	3,168	32	22	21
ZS6TQ	14	461,992	1180	29	107
ZS1SR	"	142,600	411	35	89
*ZS2I	A	114,180	248	49	124
*ZS2NF	"	75,153	199	52	89
*ZS6KU	"	13,464	99	27	49
*ZS6ELI	"	8,236	53	19	43
*ZS1JY	"	7,076	47	22	36

Sudan

Call	Band	Score	QSOs	Zones	Mult
*ST2AR	A	4,290,087	2955	113	390
	(OP: S53R)				

Tunisia

Call	Band	Score	QSOs	Zones	Mult
*3V8SS	A	2,329,155	2028	91	314
	(OP: KF5EYY)				

Zimbabwe

Call	Band	Score	QSOs	Zones	Mult
*Z23MS	A	315,240	621	55	130
*Z2/AC7GP	"	108,375	334	34	91
	(OP: AC7GP)				

ASIA

Afghanistan

Call	Band	Score	QSOs	Zones	Mult
*T6MB	A	205,965	490	54	145
	(OP: SP8UFB)				
*T6AF	"	6,519	57	12	29
	(OP: WA2EWE)				

Armenia

Call	Band	Score	QSOs	Zones	Mult
EK3SA	21	403,920	1179	31	101
*EK3GM	"	238,590	486	43	155
*EK8WA	"	1,824	19	13	19
*EK6TA	14	557,370	1883	21	89

Asiatic Russia

Call	Band	Score	QSOs	Zones	Mult
R9DX	A	5,942,250	3985	132	438
RC9O	"	4,825,212	3982	112	326
	(OP: N5ZO)				
RO9O	"	3,842,476	3159	116	368
RA9AE	"	1,798,173	1651	94	329
UA9JDP	"	1,240,616	1483	76	228
UA9BS	"	560,700	731	72	203
RT9T	"	533,172	640	70	210
RT8O	"	398,985	792	52	149
RL9I	"	386,298	814	62	163
UA9FGJ	"	266,063	494	46	153
R9MJ	"	234,234	404	57	177

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RZ9UO      "      74,549    264    39    88
RZ9OW      "      63,440    237    37    93
RU9UC      "      34,768    141    30    76
RX9KD      "      28,880    191    22    56
RV9LM     28      44,688    306    12    44
RV9CX     21     277,290    886    30   105
RU9I       "     238,952    883    24    95
R9CB       "     150,591    597    22    79
RK9AWT     "      32,406    262    15    51
RV9JR     14     238,464    703    35   109
UA9XHT/9   "      43,142    273    17    57
R9QQ       7      24,824    172    13    45
RX9UKF   3.7       2,496     55    10    16
RA9FW/9  1.8     121,346    540    16    70
UA9KAA     "      44,814    256    10    56
*RG9A      A   2,792,153   2342    98   329
*UA9R      "   1,026,431   1228    78   253
*RT9S      "     915,486    944    79   284
*RW9TR     "     268,814    525    53   158
*RX9CCJ    "     210,375    419    45   142
*RA9YAI    "     204,626    453    54   148
*R9FR      "     186,732    425    49   140
*RN9N      "     185,952    418    53   155
*RW9OX     "     160,648    393    40   132
*UA9OAI    "     152,698    421    54   128
*RW9OA     "     147,552    323    50   124
*UA9SUX    "     130,606    393    43   100
*RX9DJ     "     100,392    297    35   106
*RT8X      "      95,160    290    35    95
*RW9YW     "      92,919    328    41   100
*UA9AX     "      76,818    216    57   120
*RX9JD     "      70,484    218    37    97
*RV9MA     "      55,278    151    39   107
*RX9AI     "      55,224    186    23    95
*UA9XF     "      53,824    176    23    93
*RV9WND    "      46,355    203    36    91
*R9UG      "      44,000    149    44    81
*UA9CBM    "      41,895    151    50    97
*UA9YTN    "      39,690    177    24    74
*UA9XZ     "      35,844    155    29    74
*RM9X      "      30,690    129    24    66
*RA9FEU    "      24,846    114    24    58
*UA9OSB    "      21,400    119    34    66
*RV9YP     "      20,203    124    23    66
*UA9YTH    "       5,880     56    17    32
*RA9JB     "         132      6     5     6
*UA9UBL   28      35,394    296    15    36
*RU9WZ     "      33,733    240    17    44
*UA9SIV    "      21,330    163    16    45
*UA9CIM    "      10,919     83    16    45
*RZ9YF     "      10,803    124    10    29
*R9FA      "       3,040     42     9    23
*RZ9AN    21     126,882    449    27    87
*RA9FEL    "     119,416    516    20    72
*RN8W      "      80,416    309    24    64
*R9WS      "      68,338    305    21    73
*RZ9UMA    "      67,840    366    19    61
*RZ9CQ     "      35,469    219    13    50
*RU9AZ     "      19,320    120    14    55
*RZ9OQ    14     230,652    721    31    98
*UA9OMT    "     173,040    541    32    88
*RX9KT     "     156,030    568    26    79
*RA9AP     "     130,804    458    24    82
*RK9UAC    "      71,604    354    19    62
*RX9FG     "      69,615    326    15    60
*RA9SPF    "      46,746    205    22    76
*RV9AZ     "      13,770    107    10    41
*UA9FLK    "      22,055    188    13    42
*R9RA      "      16,120    116    15    47
*UA9SMU    "         304      9     8     8
*RW9CD   3.7      49,985    301    12    53
*UA9ACJ    "       9,900    108     8    28
*RW9UDS  1.8         400     14     7     7
RCØF       A   2,792,850   2947   132   298
UAØYAY     "   1,081,884   1266   103   253
RUØLQ      "     990,340   1836    88   172
RTØQ       "     512,973   1012    66   177
RWØUM      "     292,576    752    71   152
RWØLT      "     270,345    319   109   226
RAØQQ      "     145,888    359    62   132
RZØQA      "     102,912    317    39    89
RZØSR      "      42,666    269    36    42
UAØBA      "         323      9     4     9
RXØAK     28       5,244     99     6    13
RKØAB     21     108,504    488    22    77
RAØUF      "      88,131    575    21    66
UAØSW      "      11,800    118    18    41
RKØUT     14     107,640    498    25    67
UAØCM      "     153,855    590    32    85
RØAA       "      34,085    178    24    61
*UAØSDX    A     323,400    495    73   202
*UAØZS     "     257,950    663    63   112
*RAØQW     "     187,775    484    59   116
*UAØCNX    "     158,762    704    61   102
*RZØAO     "     155,718    347    65   146
*RUØUA     "      77,625    473    60    75
*RUØLE     "      29,100    141    42    60
*UAØQNV    "      28,413    142    35    64
*RAØUBI    "      26,329    201    43    70
*UAØSOX    "      11,857     80    23    50
*RAØSCJ    "       8,400     91    17    39
*RZØSW     "       2,625     51    15    20
*UAØZC     "       1,118     26    16    22
*UAØWY    28      18,520    196    14    26
*UAØUK     "     126,779    717    24    73
*UAØSJ     "      65,832    346    17    61
*RUØSU     "      20,000    122    18    62
*RZØSO     "         288     11     5     7
*UAØIT    14      64,240    340    23    57
*RWØCV     "       9,922    109    18    23
```

Asiatic Turkey
```
TA3IW      A     272,282    519    55   163
YM2W      28     170,016    675    24    72
                 (OP: OK1MU)
*TA2/DL7BC A   1,964,088   2117    66   258
*TA7EB     "      71,306    254    21    80
*TA2KN     "      68,580    207    32   103
                 (OP: TA1GE)
*TC6IK    21      89,311    628    19    64
*TB2MYE    "       1,800     26     5    13
*TC87TC  3.7       7,178     74     8    29
                 (OP: TA1HZ)
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Azerbaijan
```
*4K9W      A     139,288    306    50   134
*4K8M      "      23,241    175    17    44
*4K6FO    14     148,409    571    26    82
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China
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BD2SH/7    "     100,620    435    46    83
BD4CN      "       4,539     45    22    29
BD2PTH     "       3,096     39    19    24
BG5FBR     "          24      2     1     2
*BA8CY     "     132,756    613    54   102
*BD4CD     "     125,580    349    64   118
*BD2VWW    "     114,448    319    68   116
*BD4SS     "      69,600    293    57    88
*BH7OZG    "      66,000    394    46    74
*BG2AUE    "      59,500    255    50    90
*BG5FFK    "      54,365    264    47    84
*BY1DX     "      54,306    262    42    84
*BD9BU     "      45,136    257    41    71
*BD3EO/1   "      20,520    139    33    57
*BD5HSV    "      18,841     99    31    52
*BD4RDU    "      17,538    127    28    46
*BG7KFZ    "      15,215     83    30    55
*BD4XW     "      12,210     87    23    43
*BH7PFH    "      10,611     97    38    43
*BG6JPV    "       9,176     74    29    45
*BD7RDC    "       8,100     85    33    42
*BH4RIC    "       6,760     92    19    33
*BH4TMX    "       6,375     55    16    35
*BG5EEK    "       5,544     97    29    34
*BG1TXU    "       5,472     59    25    32
*BA4SCP    "       5,148     50    16    28
*BH4RCI    "       4,416     51    22    26
*BG5HSC    "       4,029     69    21    30
*BH4RCI    "       3,996     69    23    31
*BH3OTC    "       3,393     50    15    24
*BD5DML    "       3,363     56    24    33
*BD4EP     "       3,321     55    18    23
*BG5HRE    "       3,276     77    16    26
*BG4TYQ    "       3,120     43    17    23
*BG3PFT    "       3,008     42    18    29
*BH4SKP    "       2,209     37    22    27
*BG7RCS    "       2,200     48    21    23
*BH3PRJ    "       1,961     30    17    20
*BG2SHV    "       1,904     25    11    17
*BG6JIN    "       1,472     41    16    16
*BD2TBJ    "       1,225     36    11    14
*BG2SMH    "       1,100     34    12    13
*BG2RBI    "         768     21     9    14
*BG3NUI    "         720     31    10    10
*BG2TQX    "         500     19     7    11
*BH3PYC    "         496     25     8     8
*BA4QR     "         360     13     6    11
*BD4WJU    "         288     13     6     7
*BA1SN     "         288     14     7     9
*BA7IY    28      19,941    256    19    32
*BD7LDM    "      35,178    231    21    57
*BA1SN     "      34,358    212    22    60
*BD6JYA    "      25,806    185    21    45
*BD7KQT    "      22,344    204    23    53
*BH1IJ     "      16,281    167    21    46
*BG4WEN    "      12,036    128    17    42
*BD4RQ     "       5,424     78    14    34
*BG8BBP    "       5,341     70    15    34
*BG5PN     "       3,040     64    14    24
*BH1GXH    "          63      5     5     4
*BA5FB     "          42      3     3     3
*BD4WZH   14      53,720    349    26    53
*BD7KBH    "      14,750    175    19    40
*BA6QR     "       9,724    111    19    33
*BD1EFO    "       3,420     50    13    25
*BG6QZF    "       3,230     50    13    25
*BD4JWU    "          64      7     4     4
*BD3RQ     "          20      3     2     2
*BD6Z      "           8      2     2     2
*BG6QHV    "           6      3     ...
*B5TT      7       8,142    103    18    28
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Cyprus
```
P3N        A   9,182,016   5633   123   485
                 (OP: R2AA)
C4W        "   8,435,425   5215   130   463
                 (OP: 5B4WN)
H2T      3.7     290,981   1055    19    82
                 (OP: 5B4XF)
C4M        "      80,960    382    16    72
                 (OP: 5B4AGM)
*H2E       A     699,726    965    64   214
                 (OP: 5B4AGE)
*C4Z      21     346,918    956    34   109
                 (OP: 5B4AIZ)
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Georgia
```
4LØA       "  10,949,688   6619   134   488
                 (OP: UU0JM)
*4L6DL     "     388,080    494    25    71
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Hong Kong
```
VR2XMT    21       4,687     50    17    26
VR2YYW     7     102,870    632    29    61
*VR2PW     "      25,900    125    34    66
*VR2VIY    "      13,446     96    31    42
*VR2ZQZ    "     100,492    587    29    68
*VR2PX     "      69,757    404    19    60
*VR2EH   1.8         ...
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India
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VU2PAI     A   1,358,720   1450    92   260
*VU2CDP    "     102,256    257    45   121
*VU2ABS    "      36,448    131    42    92
*VU2RBI    "     104,608    549    28    84
*VU3DMP    "       1,830     ...
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Israel
```
*4Z5PJ     "      13,912     76    27    47
*4Z5TK     "      11,900     64    21    49
*4Z5LX     "       6,936     57    13    38
*4Z5MV    28       3,924     41    10    26
*4Z5FI     "     375,752   1290    26    78
*4Z5MY    14          96      4     4     4
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Japan
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JG1ZUY     "   1,218,610   1560   104   206
                 (OP: JG1VGX)
JH1HIC     "     399,432    634    92   172
JA1DDZ     "     212,018    393    78   149
JA1IKA     "     156,364    366    73   101
JE1CKA     "     142,940    417    54   100
JA1OVD     "      64,974    299    37    54
JA1NPD     "      26,205    153    78   103
JA1IXY     "      26,574     89    54    75
JH1APK     "      15,456     71    42    50
JL1DLQ     "      15,372     78    33    51
JE1REU     "       3,404     46    17    20
7J1ABD     "       2,128     24    18    20
*JH1CML   28      22,976    149    22    42
JU1RDX     "      16,240    138    18    38
JA1FNO     "       1,472     36     9    17
JR1CBC    21     327,474   1001    34    92
JN1RQV     "         252      9     7     7
*JA1QXY   14     230,691    762    34    97
JH1EVD     "      35,100    174    26    52
JO1SIM     7         714     22     8     9
*JH1OGC  3.7     173,124    645    41   121
*JH1EAQ    "     533,922    671   117   201
*JH1DGQ    "     240,908    365   101   162
*JA1GLE    "     158,149    412    67   100
*JA1KK     "     101,898    276    56    97
*JF1MQS    "     100,558    322    48    89
*7K1MAG    "      89,100    248    59    91
*JA1PJS    "      70,886    222    48    86
*JA1VGV    "      61,146    200    54    75
*JA1AZR    "      48,510    196    45    60
*JA1KEV    "      41,664    247    46    66
*JA1BPN    "      34,648    150    50    72
*JP1IXV    "      27,348    143    30    56
*JA1UZG    "      26,319    125    36    57
*JP1HUJ    "      25,650    139    39    51
*JA1OHP    "      25,536    130    39    51
*JA1HNW    "      22,618    117    37    49
*JR1MRG    "      21,360    117    33    49
*JF1MAD    "      13,680     81    36    54
*JE1RRK    "      12,716     93    30    38
*JA1ATM    "      11,664     78    29    49
*JG1INV    "       9,360     71    28    37
*JA1ATA    "       7,695     56    28    29
*JQ1VDJ    "       5,612     51    25    26
*JH1DGB    "       5,382     45    19    24
*JK1NSR    "       4,797     45    15    24
*JI1UCL    "       4,588     50    17    24
*7N4CPT    "       2,788     32    17    17
*JA1FO     "       2,484     38    15    21
*7K4VPV    "       2,170     24    15    20
*JA1LBZ    "       1,976     33    11    15
*JF1HJX    "       1,932     29    11    17
*7L3DGP    "       1,833     32    18    21
*JA1LPQ    "       1,450     33    11    14
*JR1AHP    "       1,188     16    13    14
*JN1BBO    "       1,160     18    13    16
*JO1KVS    "         814     15    10    12
*JG1FGL    "         779     19     8    11
*7N4RIX    "         273     11     6     7
*JI1UDD    "         209      7     6     6
*JJ1LRD/BY4AOH  *   -306     27    16
18****
*JN1IZR   28      23,424    184    21    40
*JA1WWE    "      10,878     95    19    30
*JF1WQC    "       8,510     86    18    28
*JA1AJK    "       3,388     48    11    17
*JR1BTG   21     170,630    620    31    82
*7K4XNN    "     133,596    490    31    77
*JL1MWI    "      86,223    301    33    90
*JH1SBE    "      60,672    281    29    67
*JI1ALP    "      49,104    220    27    61
*JH1FNU    "      42,504    225    25    59
*JA1MFR    "      30,652    180    24    53
*JI1OAB    "      24,075    146    23    52
*JF1PYJ    "      22,196    155    19    48
*JA1RYC    "      14,934    112    18    39
*JA1ANF    "      13,860     96    22    44
*JA1TBX    "       7,239     76    20    37
*JA1JLP    "       6,150     50    19    21
*JK1BII    "       3,675     51    12    13
*JA1DBG    "       2,842     44    12    17
*JA1NGW    "       1,575     22    13    12
*JG1LPL    "       1,484     46    11    17
*JG1APX    "         510     14     7    10
*JI1LAI    "         247      7     7     6
*JA1YAI    "          12      2     1     1
*JF1TEU   14      20,670    123    23    42
*JG1GCO    "       2,765     36    13    22
*JF7FBV/1  "         518     15     6     8
*JG1OWV    "       5,664     45    23    21
*JF1KWG    "       4,860     58    14    16
*JA3DTV/1  "       2,508     45    10    12
*JM1NKT  3.7       3,330     46    13    17
*JA1ISPY   "       1,872     37    10    14
JA2PAC     A   1,915,128   2000   122   275
JA2FSM     "     486,987    760    94   177
JA2BNN     "     281,120    546    80   144
JA2FJP     "     209,825    411    67   108
JE2DJC     "     125,376    297    65   127
JF2FIU     "     122,840    344    57    91
JO2PHG     "      10,647     63    27    36
JR2PAU     "       1,020     20     9     9
JF2NRU/2   "         407     13     4     7
JR2AAN/2   "         135      5     4     4
JF2WXS     "       7,872     53    20     ...
*JA2VHO    7      50,764    209    32    66
*JA2CUS    "     171,855    347    61   130
*JA2KPW    "      94,024    274    37    96
*JA2GHP    "      88,638    257    60    99
*JR2FJC    "      58,316    223    52    70
*JF2OHQ    "       8,932     72    21    37
*JQ2OUL    "       4,944     53    22    24
*JH2MYN    "       9,270     96    17    28
*JA2PFO    "      41,340    209    24    54
*JA2KKA    "      17,700    129    18    42
*JP2MRD    "       1,050     22     7    14
*JA3EY     A     225,074    447    80   153
JR3UIC     "      37,830    134    59    71
JA3AVO     "       2,432     31    14    18
JI3EDT    28      20,979    164    19    44
JA3NZC     "       4,760     64    15    20
JA3NZC    21     538,820   1389    33   112
JA3LEZ    14      51,111    225    31    80
JA3DAY     "      25,134    139    22    49
JF3LOP   3.7       4,176     66    13    23
*JH3CUL    "     624,320    804   105   215
*JA3IKG    "     160,446    342    66   121
*JM3PLL    "      41,180    141    41    75
*JR3GVH    "      10,416     79    23    45
*JI3OGI    "       1,938     26    11    16
*JL3MCM   28       5,658     59    16    26
*JA3OOS    "       1,825     41     9    16
*JR3RIY   21     273,120    848    33    87
*JF3BFS    "     225,184    704    33    91
*JF3IYW    "      59,708    286    26    66
*JO3PSJ/3  "      38,844    207    25    58
*JF3NKA    "      16,592    105    19    42
*JA3BBG    "      14,986    110    22    37
*JR3KAH    "       3,876     50    13    21
*JA3PYH    "       2,805     38    14    19
*JA3KDJ    "       1,482     30     7    12
*7L3ETZ/3  "       1,464     30     9    15
*JM3HYL    "         390     15     6     4
*JE3EVI    "          72      4     3     3
*JN3DSH   14      74,976    310    30    66
*JO3RCK    "       1,026     25     9    10
*JL3RDC  3.7          56      4     4     4
*JH4UYB    A   4,453,610   3481   141   349
*JA4DPL    "     544,025    922    84   151
*JA4BXU   14           6      1     1     3
*JH4UTP    7      84,548    404    31    61
*JA4NA   3.7         638     19     9    13
*JE4MHL    A     281,792    517    78   146
*JR4VEV    "     175,720    415    67   124
*JR4PDP    "      57,798    222    45    69
*JA4AQR   21      20,837    130    21    46
*JR4LRY    "      11,400     97    19    31
*JA4CBX    "      10,486    106    18    31
*JR4GPA   14      83,006    336    28    70
*JA4CZM    "      81,810    318    29    72
*JG4OOU    "      21,824    140    20    44
*JR4FLW    "      11,408     93    20    26
*JA5SUD    A     205,010    363    89   158
*JJ5GSY    "      12,528     76    30    42
*JA5APU   14     124,630    462    30    80
*JG5UWK    "     123,904    326    68   108
*JG5DHX    "       2,580     49     9    21
*JA6BWH    A     341,592    539    85   173
*JH6OFU    "     280,665    564    70   119
*JE6HUR    "      32,184    149    45    63
*JA6LCJ   28      37,653    224    21    56
*JR6VIX    "       4,352     57    11    23
*JH6WHN   28      19,344    144    20    42
*JA6EFT   21      15,232     97    21    43
*JA6HHF    "       2,934     60    16    54
*JA6WFM   14      68,376    321    25    63
*JA6FGC    "      17,537    103    26    45
*JS6RTJ  3.7          20      3     2     2
*JA7NVF    A   2,311,008   2401   120   279
*JA7BME    "   1,033,830   1219   105   210
*JA7COI    "     319,665    579    79   132
*JA7VEI    "     170,799    344    74   133
*JH7DUM    "      83,201    219    56    95
*JH7KTI    "      15,840     91    28    44
*JA7QFU    "      23,249    154    22    45
*JA7DOT   28     239,268    720    31    96
*JA7BJS   14     133,848    595    26    62
*JH7CUO    "     336,056    573    85   153
*JP7AWQ    "      10,584     79    20    43
*JE7HYK    "       5,980     53    23    29
*JA7AXP    "         782     16     8     9
*JI7FKU    "         152      9    11     8
*JE8KGH/7 28       1,134     33     9    12
*JJ7ENB    "         555     13     6     9
*JA7ADV    "       6,028     59    18    26
*JI7EMD    "       1,176     32    13    16
*JR7XGL    "       2,958     40    13    16
*JA8ECS    A     456,595    675    90   175
*JA8DIV    "     155,394    307    67   127
*JA8CJY   14      54,528    216    32    64
*JA8CSY    "     151,844    319    74   129
*JA8IJI    "      28,665    153    36    51
*JA8IBU    "      12,444     77    29    39
*JL8MBF    "       8,901     75    25    44
*JE8CRA    "       5,992     52    27    25
*JF8DSO    "       2,310     38    14    16
*JA8CLN   28       4,512     60    13    19
*JG8TDZ    "         912     28    10    14
*JF8DSN    "       2,205     45    14    21
*JI8BUR    "         220     11     5     5
*JR8AMF   14     101,676    367    33    78
*JH8DBJ    7      12,084     82    22    32
*JF9KVT    "     106,821    303    41    96
*JA9CCG    "      24,375    152    21    44
*JA9EJG    "         350      9     6     8
*JE9MBV/9  7      17,010    111    23    43
*JR9NVB    "      57,640    260    29    59
*JA9LX     "         704     20     7     9
*JRØWZR    "      95,456    270    56    96
*JAØUMV   21     188,748    698    32    75
*JEØEHE    "      11,470    112    15    23
*JJØKRD    "     160,080    577    33    83
*JAØJHA    7     854,811   2178    48   153
*JHØNEC    "     340,862    506    93   169
*JAØBJY    "     111,899    303    49   100
*JAØAVS    "      21,534     98    39    58
*JHØCCK    "       6,480     51    16    26
*JAØRCK    "       3,840     33    15    33
*JRØBUL   28         946     24     9    13
*JHØMXV   21      56,368    230    31    73
*JAØIOF    "       7,728     65    18    24
*JHØEPI   14     167,028    517    34    90
```

Jordan
```
*JY5CC     A   2,422,154   2051    95   339
```

Kazakhstan
```
UPØL       A   5,123,568   3864   117   402
UN9L       "   2,850,010   2148   121   394
UN7PL      "   1,178,820   1516    73   222
UN7EX      "      67,505    234    31    63
UN7PBY    21     129,642    591    22    77
UP2L      14   1,775,378   3660    39   148
                 (OP: UA9BA)
*UN9LU     "      14,784    103    12    44
*UN10      "     641,915   1054    55   178
*UN7FDP    "      83,142    246    41   108
*UN6QC     "      12,789     88    19    44
*UN7CAD    "      12,096     89    19    37
*UN6P      "      23,460    168    12    68
*UN6LN     "     256,875    837    26    99
*UN8PT     "      49,374    273    18    63
*UN7RL     "      63,756    296    21    63
*UN7PCZ    "      32,634    180    20    54
```

Kyrgyzstan
```
EX8AB      "     141,504    446    42    90
EX2X      14     317,988    959    31   100
EX2T       "      26,042    199    17    41
*EX8MAT  1.8         444     28     5     7
```

Macau
```
*XX9AU    21       3,131     89    14    17
```

Maldives
```
*8Q7EJ    14         144      6     6     6
                 (OP: G3VDB)
```

Mongolia
```
*JT1DN    14         918     42     9     6
```

Ogasawara
```
*JD1AHC    A      18,836    247    26    42
```

Oman
```
A41OO     14     336,474   1135    34   100
*A41MX     A      54,609    200    33    76
```

Saudi Arabia
```
*HZ1PS     "     129,352    275    54   110
*7Z1OO     "       9,849     63    23    44
*HZ1HN     "       3,570     40     9    25
*7Z1SJ    21     531,872   1235    38   138
*7Z1TT     "     227,198    898    20    74
*HZ1DG     "      55,826    227    26    77
```

Singapore
```
9V1YC      "     332,588   1178    33   101
```

South Korea
```
DS5QLJ     "      11,562     85    32    50
HL5JCB     "         810     23    16    14
*HL1VAU    "     318,792    721    80   142
*DS3BNU    "      16,016    116    33    44
*HL5YI    14       6,721     72    15    29
```

Sri Lanka
```
*4S7AB     "     471,884    745    75   191
```

Taiwan
```
BX5AA     21     497,420   1673    32   101
*BW2/KU1CW A     882,336   1403    98   214
*BV1EK     "     131,165    314    71   114
*BV1EL     "      65,698    425    40    67
*BV4VQ     "       1,717     88     7    10
*BU2AE    14      12,993    143    22    39
```

Tajikistan
```
EY7AD      "     551,754    770    75   227
EY8/UA4LCQ 28     75,740    437    15    55
EY8MM    3.7     350,295   1124    25    96
*EY8CC     "     288,995   1002    26    89
*EY8RD     "     210,771    852    23    76
*EY8AR     "      63,388    312    22    70
*EY8BJ     "      29,388    205    16    46
*EY7BJ     "       3,564     53    11    16
```

Thailand
```
HSØZEE     "     744,396    938    97   259
HSØZCW    21     319,275   1157    33   102
HSØZDG     "     229,822    755    35   116
*E21YDP    "     415,512    765    76   185
*HSØZJD    "      77,875    230    61   114
*HSØZGW    "      23,912    113    32    66
*E2ØYLM    "      26,791    190    24    49
```

United Arab Emirates
```
A61BK      "   2,838,136   2313   122   350
*A65BB    28      11,500     96    15    35
                 (OP: S57CQ)
*A65BU     "       6,720     51    16    32
```

Uzbekistan
```
*UK9AA   3.7     126,910    508    20    78
```

Vietnam
```
*XV4TUJ    "       6,670     57    26    32
*XV2RZ    14      11,515    208    21    28
                 (OP: OX3RZ)
```

West Malaysia
```
*9M2JKL    "      85,988    246    55   111
*9M2ODY   14     166,014    354    65   142
*9M2/O     "      99,000    505    50   100
*9M2ZAK    "       6,875     79    23    52
*9M2MRS    "       6,800     51    29    34
*9M4CMR    "       3,864     44    20    34
*9W2ESM   28      13,735    106    23    44
*9W2VVH    "       4,305     58    16    29
*9W2CBL    "         204     15     7    10
*9M2PS     "      43,043    231    24    68
```

EUROPE
Aland Islands
```
OHØB       "   5,761,276   5082   144   517
                 (OP: OH2UA)
OHØ/SP7VC  "     363,324   1121    62   142
OHØYY     14     195,306   1073    33    96
                 (OP: OH2YY)
OHØV       7     492,632   2372    33   119
                 (OP: OH6LI)
OHØJFP     "     215,000    466    52    99
```

Andorra
```
*C31VM     "         595     28    12    23
```

Austria
```
OE3K       "   5,815,260   4974   146   459
                 (OP: OE3DIA)
OE6MDF     "     868,840   1225    92   184
OE9MON     "     434,016    791    66   208
OE3KAB     "      14,013    130    18    63
OE2IJL     "       7,326     71    21    45
OE3WMW    28      31,042    220    21    62
OE6Z       "     334,892   1375    28    88
                 (OP: OE6MBG)
*OE6MMF    "      77,350    313    45   130
*OE1BKA    "      24,354    169    36    87
*OE5OAJT   "      14,718    130    20    46
*OE1HHB    "     102,375    514    24    93
*OE6HLF    "       3,321     18    16    17
```

Azores
```
CR2X       "  15,256,808   9411   172   619
                 (OP: N5TJ)
*CU6AY     "     215,000    466    52    99
```

Balearic Islands
```
EA6LP      "     392,350    803    66   265
```

Spain (Balearic Is. — EA6)

Call	Bd	Score	QSOs	Zn	Ctry
EA6AZ	"	383,075	667	75	200
EA6XQ	"	161,455	504	60	185
EA6DX	28	38,984	254	25	63
EC6AAE	14	166,243	908	31	96
*EA6/DK5IR	14	62,832	303	43	125
*EA6OM	28	2,720	35	15	25
*EA6SX	1.8	23,450	307	11	56

Belarus

Call	Bd	Score	QSOs	Zn	Ctry
EW2A	A	1,939,728	1993	120	432
EW8DD	"	804,335	1789	75	268
EW7BR	"	98,280	343	47	163
EW2EO	"	93,541	315	44	117
EW8MW	"	63,999	507	21	96
EW3LN	"	29,835	179	39	96
EU8MM	"	3,796	53	17	35
EU7SA	"	1,683	19	14	19
EW8EW	28	186	11	3	3
EW6GF	14	64,818	675	17	61
EU1UN	3.7	142,464	1145	21	85
EW1DO	3.7	8,772	186	7	44
*EW8OG	A	142,107	509	50	151
*EW1EA	"	122,614	406	47	155
*EW4LY	"	75,396	311	48	135
*EW2AO	"	51,667	308	29	92
*EW6EW	"	37,200	246	30	90
*EW7LE	"	12,320	100	23	65
*EW2BO	"	2,200	57	10	34
*EU1DX	"	816	15	11	13
*EW8ADX	"	550	13	11	11
*EW1KV	28	1,950	53	7	19
*EW6AF	21	102,032	496	30	82
*EU2MM	14	93,618	493	33	93
*EU6AF	"	59,850	375	27	78
*EU6AA	"	34,242	325	17	61
*EU1UA	"	4,410	83	10	35
*EU1EU	"	4,074	87	7	35
*EW4KA	7	58,275	362	25	86
*EW2TT	3.7	8,058	149	8	43

Belgium

Call	Bd	Score	QSOs	Zn	Ctry
OS8A	A	1,649,911	1996	104	363
ON4ALY	"	30,011	119	9	8
ORØA	21	368,797	1050	37	106
OR2A	"	41,760	205	23	57
OQ7T	"	47,268	509	16	62
*ON4AXU	A	191,653	389	67	142
*ON3ND	"	122,622	480	43	148
*OQ4A	"	99,680	428	37	141

(OP: ON6ML)

Call	Bd	Score	QSOs	Zn	Ctry
*ON5UJ	"	96,333	280	55	142
*ON6FC	"	93,632	317	45	131
*ON3AR	"	70,839	294	35	115
*ON6MG	"	47,034	233	39	95
*ON3HLU	"	15,846	149	28	86
*ON8AR	"	13,161	86	33	74
*ON6AT	"	11,481	80	32	57
*ON7MIC	"	6,272	72	20	44
*ON4LWX	14	6,440	70	14	42
*ON4LG	"	396	14	7	11
*ON4CT	"	109,962	774	28	95
*OO4O	"	54,591	503	17	76

Bosnia-Herzegovina

Call	Bd	Score	QSOs	Zn	Ctry
E74IW	"	640,297	1922	62	225
E73O	28	94,800	537	23	77
E77A	21	900,860	2665	36	119
E78DX	"	53,212	318	24	82
*E74AA	"	695,224	1330	76	300
*E72U	"	79,024	311	44	132
*E74KM	"	47,740	244	42	113
*E78MS	"	13,600	146	20	65
*E77R	"	7,918	80	20	54
*E77RW	"	6,930	94	17	53
*E73ECJ	"	6,588	98	13	48

(OP: E73X)

Call	Bd	Score	QSOs	Zn	Ctry
*E78CB	"	594	18	11	16
*E73PY	"	550	17	11	14
*E71CZ	"	399	19	5	16
*E74NR	"	87,372	525	27	81
*E75MJ	"	5,304	96	9	42
*E73MJ	"	3,440	89	6	34

Bulgaria

Call	Bd	Score	QSOs	Zn	Ctry
LZ3FN	A	1,767,040	2523	109	393
LZ5K	"	1,265,556	1955	91	310
LZ2ZY	"	185,878	448	62	176
LZ2NG	"	83,174	421	41	141
LZ2PL	"	1,848	49	6	42
LZ1YG	21	69,336	402	29	78
LZ2ZG	"	448	14	6	8
LZ1RA	14	27,380	267	15	59
LZ1VVV	7	17,168	165	13	61
*LZ2HN	"	278,883	563	75	222
*LZ2FQ	"	248,490	671	63	188
*LZ3SD	"	129,560	356	59	146
*LZ3GH	"	68,544	293	47	121
*LZ1AQ	"	66,555	323	38	107
*LZ2XF	"	40,432	195	46	106
*LZ1OJ	"	16,524	96	29	73
*LZ1VCT	"	12,502	101	31	63
*LZ1NY	"	10,595	104	22	63
*LZ1MC	"	5,824	75	16	40
*LZ1PJ	"	4,816	50	19	37
*LZ1DOT	"	3,780	61	14	31
*LZ3TL	"	3,496	61	13	33
*LZ1IKY	"	1,540	29	13	22
*LZ1YE	28	12,600	100	18	42
*LZ2FM	"	29,716	241	20	56
*LZ3DJ	14	13,420	172	13	48
*LZ5Z	"	1,102	40	6	23

(OP: Andrey)

Call	Bd	Score	QSOs	Zn	Ctry
*LZ2PS	7	46,197	435	17	70
*LZ1DM	3.7	27,000	340	9	63
*LZ2KSB	"	1,421	37	6	23

(OP: LZ2TEO)

Crete

Call	Bd	Score	QSOs	Zn	Ctry
SV9OFS	"	35,721	139	55	92
SV9GPV	"	117,488	751	23	89
*SV9COL	"	240,300	459	86	184

Croatia

Call	Bd	Score	QSOs	Zn	Ctry
9A3KS	"	55,892	173	48	109
9A4W	28	17,290	120	20	45
9A2LX	3.7	19,504	361	9	44
*9A7P	"	2,485,230	2830	116	394
*9A5RJ	"	238,908	453	77	181
*9A6KTB	"	236,726	717	53	202
*9A8A	"	85,833	318	45	142
*9A4AA	"	70,356	307	41	123
*9A3QB	"	23,980	129	32	77
*9A6C	"	18,096	143	26	78
*9A5BAA	"	15,100	123	28	72
*9A3IGY	"	6,372	114	13	41
*9A3COL	"	3,619	51	15	32
*9A1DL	"	2,501	50	16	25
*9A7IUP	"	2,209	65	14	33
*9A2DI	28	4,800	54	12	28
*9A6K	21	17,380	292	11	11

(OP: 9A3QB)

Call	Bd	Score	QSOs	Zn	Ctry
*9A1CMS	"	11,900	111	18	32
*9A2GA	7	28,282	277	15	64

Czech Republic

Call	Bd	Score	QSOs	Zn	Ctry
OK2KR	A	587,022	833	99	332
OK2EQ	"	374,256	693	81	258
OK1DBE	"	115,808	369	50	138
OK1FRO	"	10,934	125	17	60
OK1XC	28	3,910	62	14	32
OK2ABU	"	1,026	30	7	12
OK1KMG	21	688	22	7	9

(OP: OK1ULE)

Call	Bd	Score	QSOs	Zn	Ctry
OK2SAR	1.8	20,944	422	7	49
*OK6Y	A	595,728	967	87	351

(OP: OK2PTZ)

Call	Bd	Score	QSOs	Zn	Ctry
*OK2BEN	"	255,640	706	59	221
*OK1MKU	"	213,365	415	74	233
*OK1DKR	"	190,716	425	68	208
*OK2WYK	"	158,046	669	37	176
*OK1HEH	"	126,600	511	42	158
*OK2KFK	"	105,844	400	43	145
*OK1AY	"	103,768	398	41	177
*OK1JOC	"	82,111	417	39	118
*OK1MKI	"	68,609	361	33	124
*OK7N	"	67,076	216	61	103

(OP: OK1CJN)

Call	Bd	Score	QSOs	Zn	Ctry
*OL2T	"	65,709	406	32	117

(OP: OK2TC)

Call	Bd	Score	QSOs	Zn	Ctry
*OK2KG	"	60,544	200	51	121
*OK2EA	"	51,332	262	41	123
*OK1BLU	"	50,544	196	46	98
*OK2PBG	"	47,322	228	39	89
*OK2BRX	"	34,188	193	29	82
*OK1ARO	"	26,164	157	33	91
*OK1VHV	"	15,106	142	21	70
*OK2SWD	"	12,512	128	21	71
*OK1AXB	"	8,701	87	21	56
*OK1DI	"	4,704	38	20	22
*OK2BNF	"	1,452	24	13	20
*OK1ZY	"	660	29	8	22
*OK1TVL	"	456	14	11	13
*OK1MCW	"	416	21	9	13
*OK2QX	21	45,408	203	29	67
*OK4RQ	"	17,136	115	20	48
*OK5AD	"	3,488	37	15	17
*OK4FD	"	169	7	6	7
*OK2BXE	14	127,958	528	33	104
*OK1IPU	"	63,428	417	25	76
*OK1CLD	"	35,720	295	17	59
*OL9M	"	18,212	192	16	42

(OP: OK1MMN)

Call	Bd	Score	QSOs	Zn	Ctry
*OK2BWB	"	17,884	183	14	54
*OK1RAF	"	2,856	71	9	25

(OP: OK1TIR)

Call	Bd	Score	QSOs	Zn	Ctry
*OK2ILD	7	39,757	393	17	66
*OK2XKA	"	37,536	306	20	76
*OK1LX	"	36,112	474	12	62
*OK1HFP	"	34,974	386	17	70
*OK1UG	"	30,160	306	13	67
*OK2BRS	"	29,250	316	14	61
*OK5XX	"	7,308	98	13	45
*OK1KZ	"	5,670	120	8	34
*OK4DZ	3.7	15,400	269	8	47
*OK1CRM	"	19,722	389	7	50
*OK2BJC	"	2,720	85	4	28

Denmark

Call	Bd	Score	QSOs	Zn	Ctry
OZ2BKK	"	465,186	854	83	283
OZ5EV	"	438,750	560	90	322
OZ2PBS	"	325,314	772	69	210
OZ7EA	"	125,255	390	43	162
OZ5UR	"	54,222	248	34	119
OZ7X	14	1,082,154	2945	39	127

(OP: OZ5KF)

Call	Bd	Score	QSOs	Zn	Ctry
*OV3X	A	289,674	510	85	257

(OP: OZ8AE)

Call	Bd	Score	QSOs	Zn	Ctry
*OZ1KEF	"	261,820	691	70	177
*OZ1ACB	"	244,524	639	57	189
*OZ4NA	"	215,229	630	54	201
*OZ1VACM	"	114,460	504	41	153
*OZ1LFI	"	84,943	351	42	131
*OZ1KKH	"	33,354	130	37	116
*OZ/DJ1XT	"	24,628	137	31	63
*OZ4RT	"	22,880	104	35	69
*OZ1NF	"	21,812	192	23	59
*OZ5TL	"	18,910	182	21	91
*OZ5BD	"	8,160	72	20	28
*OZ7DK	"	6,710	73	20	35
*OZ1DGQ	"	2,170	35	11	24
*OZ1XW	14	21,316	185	16	57
*OZ7AEI	"	777	22	8	13
*OZ1JVX	"	5,566	117	9	37
*5PØO	3.7	21,344	409	9	49

England

Call	Bd	Score	QSOs	Zn	Ctry
G4BUO	"	1,507,158	1656	100	338
GØBNR	"	954,041	1084	108	365
M9C	"	844,940	1257	95	303

(OP: MØUTD)

Call	Bd	Score	QSOs	Zn	Ctry
MØWLF	"	358,231	533	87	250
G3RWF	"	169,422	441	53	149
GØAZH	"	104,536	337	47	132
2EØPLA	"	70,840	339	36	115
G3ZGC	"	63,441	245	46	125
G5G	"	38,745	427	24	99
GØAEV	28	48,116	339	20	72
GØHVQ	"	11,252	147	12	40
GØFWX	"	4,692	91	14	32
G5E	21	450,606	1216	36	123

(OP: G3RAU)

Call	Bd	Score	QSOs	Zn	Ctry
M3W	"	334,410	1090	34	140

(OP: G4FAL)

Call	Bd	Score	QSOs	Zn	Ctry
M5A	"	6,825	130	11	10

(OP: G3WVG)

Call	Bd	Score	QSOs	Zn	Ctry
M7A	14	194,920	1156	28	82

(OP: MØUNN)

Call	Bd	Score	QSOs	Zn	Ctry
MØIKW	"	58,860	312	22	86
G3TXF	3.7	244,272	1607	21	91
M5B	"	36,080	382	14	66

(OP: G3WVG)

Call	Bd	Score	QSOs	Zn	Ctry
GØW	"	7,344	149	9	10

(OP: GØVDZ)

Call	Bd	Score	QSOs	Zn	Ctry
M8M	1.8	86,545	755	19	76

(OP: G3LNP)

Call	Bd	Score	QSOs	Zn	Ctry
G3P	"	2,923	80	6	31
*G3VAO	A	968,765	1283	99	346
*MØMCV	"	489,440	1064	63	259
*G8APB	"	378,027	637	79	280
*2EØCPT	"	340,166	890	54	229
*G4DFI	"	161,604	608	40	161
*G4DDX	"	145,642	521	42	164
*G6UBM	"	114,624	390	50	149
*G1WMJ	"	109,817	339	49	164
*G4DDL	"	106,950	398	41	145
*G4WGE	"	92,192	385	35	137
*MØUKD	"	84,042	296	44	130
*G4KIU	"	63,910	266	40	145
*MØRBE	"	53,818	257	34	108
*G4VMX	"	47,064	199	33	73
*GØCER	"	45,920	203	33	79
*G3RSD	"	33,695	201	30	85
*G7RTI	"	32,718	229	24	90
*G8ZRE	"	32,364	215	26	94
*G7WBX	"	26,325	150	32	103
*GØCM	"	23,320	198	21	83
*MØMDR	"	22,898	148	26	81
*G4NXG	"	21,460	117	31	43
*M3PZT	"	16,198	128	30	61
*G4ILO	"	15,051	149	24	63
*M3ENF	"	13,858	115	22	60
*G3WRR	"	5,512	62	16	37
*M1ACB	"	3,773	70	10	39
*G8CCL	"	3,534	76	13	44
*MØTTE	"	3,087	51	12	37
*2EØTQR	"	2,405	46	11	26
*M6ADB	"	1,634	36	9	29
*M6AVL	"	575	22	10	15
*M1DST	14	19,840	199	14	50
*G8RCK	"	9,576	119	12	44
*GØRAH	"	8,788	121	12	40
*2E1FVS	7	15,912	166	13	59
*MØOZH	"	10,440	145	11	47
*G7AAQ	"	2,146	50	7	32
*G6UYG	"	598	26	6	20
*G3YBY	3.7	36,720	400	13	67
*G3VYI	"	1,632	52	3	29

Estonia

Call	Bd	Score	QSOs	Zn	Ctry
ES5G	A	4,055,396	3636	152	495

(OP: ES7GM)

Call	Bd	Score	QSOs	Zn	Ctry
ES2TI	"	430,494	1106	71	243
ES2BH	"	111,690	486	46	124
ES2IPA	"	87,120	392	39	137
ES6QZ	"	9,648	135	14	53
ES8BHR	28	1,316	27	9	19
ES6TX	7	29,491	302	14	63
ES5RW	1.8	83,433	859	17	70
*ES4RX	"	268,000	686	65	203
*ES7FU	"	24,752	205	21	91
*ES1BA	"	270	8	7	8
*ES1CN	21	90,970	393	28	82
*ES5NHC	14	1,300	44	6	19
*ES5JR	7	177,282	1068	32	102
*ES2MC	3.7	70,300	623	17	78
*ES6KW	"	7,700	130	8	42

European Russia

Call	Bd	Score	QSOs	Zn	Ctry
RX3APM	A	3,784,260	3563	141	449
UA4W	"	2,867,056	3303	132	460
UI4I	"	1,850,391	2440	119	394
RG3K	"	1,452,894	2107	107	356
RM2U	"	1,251,360	1714	106	362
R3CM	"	997,907	1896	84	295
RO3DX	"	933,625	1141	104	301
UA6UDV	"	874,800	1477	104	301
RN3AW	"	810,520	1091	115	345
RU5A	"	710,094	1592	75	243
R3PA	"	620,378	1064	84	229
UA3VFS	"	554,880	1136	79	261
RV2FW/1	"	459,264	719	101	283
RU1AB	"	439,674	681	92	289
R3FC	"	432,432	923	74	262
RA3N	"	381,094	762	81	253
R4RT	"	372,704	1029	72	239
RA6GW	"	366,300	668	86	247
R3OM	"	301,608	754	58	226
R5DT	"	267,582	495	84	238
RK3DK	"	256,025	669	63	209
R3QX	"	237,915	412	76	235
RK4PB	"	229,595	553	68	195
RN3ZC	"	192,500	948	36	190
UA4NC	"	147,733	482	59	182
R2DW	"	144,004	285	60	199
R3QF	"	127,368	244	80	199
RV6FA	"	111,384	240	77	144
UA3DUJ	"	107,730	340	53	137
UA4CNZ	"	105,635	494	38	147
RM4R	"	90,482	312	49	152
RA3RK	"	90,482	366	41	146
RN3BO	"	87,648	289	48	128
RU3KC	"	77,366	237	56	177
RV3FT	"	56,933	134	73	124
R3NA	"	44,388	193	43	133
RN3FS	"	40,672	146	62	102
RV3IC	"	27,795	200	25	86
UA3RAI	"	24,805	174	32	89
RX6MR	"	24,128	150	27	89
RU6FC	"	13,377	76	37	54
R7FF	"	13,328	124	21	77
UA3EAY	"	12,963	99	36	57
RV1CC	"	12,350	68	28	57
RZ3AL	"	10,440	140	13	59
UA3DAM	"	9,428	82	20	53
RA7A	"	8,875	60	34	41
UA3TCJ	"	8,118	64	24	54
RX6CC	"	7,744	53	29	59
UA3LIA	"	6,588	48	22	53
RW3QHN	"	6,534	81	16	50
UA3DPM	"	4,505	31	22	33
UA3AAB	"	3,478	37	20	33
UA6JFG	"	1,599	29	11	22
RU3DM	"	1,599	29	11	22
RL3AJ	"	5,488	59	11	42
R5OE	"	77,488	372	28	81
RK6AQM	"	5,184	54	11	37
RZ3DOT	"	4,466	45	14	29
RW3DU	21	160,318	700	32	110
RW2CW	"	3,901	59	13	30
*RA3RGD	"	3,311	59	13	30
*RA4UAT	"	3,139	33	13	30
*RM4N	"	2,184	34	11	23
*RA3RVZ	"	2,040	25	16	24
*UA6YI	"	1,935	27	18	25
*UA6FF	"	1,595	21	11	18
*RA1AKR	"	960	26	9	21
*UA1AAR	"	576	16	8	8
*RV4LC	"	361	15	8	11
*RA6DT	"	336	10	7	9
*RA6XB	"	289	12	6	11
*RV3TG	"	16	2	2	2
*RW1CW	A	1,267,556	1466	124	400
*RW2A	"	932,932	1429	105	361
*UA3BL	"	832,905	1466	95	320
*RA4AAO	"	675,684	1029	94	317
*RK3IM	"	663,104	1077	92	324
*RU4AA	"	527,742	936	81	256
*UA3ABJ	"	491,400	793	93	285
*R7AY	"	455,919	1183	77	270
*RU4FA	"	402,052	801	77	255
*UA3UNP	"	393,381	805	73	254
*UA1CUR	"	393,225	823	70	251
*RA4DR	"	330,560	752	72	248
*R2SA	"	314,432	810	57	215
*RL3AW	"	282,077	472	84	227
*RU4SO	"	253,240	683	55	205
*RA6LOO	"	236,520	454	83	241
*RT3LA	"	191,268	552	49	195
*RX6LOL	"	175,500	432	54	196
*U1BA	"	174,182	503	50	166
*UA3OQ	"	166,845	573	49	166
*UA1CEI	"	163,966	479	71	186
*UA6NZ	"	159,478	391	62	180
*RN3ZR	"	151,368	376	56	156
*UA6LN	"	150,635	404	58	177
*UC6A	"	150,134	298	63	214
*RU4F	"	146,016	420	62	172
*RQ3M	"	144,160	357	60	212
*RN3ZIC	"	139,150	311	63	190
*RW3SZ	"	119,136	358	61	158
*UA4AAC	"	116,994	460	36	150
*RA3RBL	"	108,120	343	52	140
*UA3AIU	"	106,491	343	65	166
*RW4AD	"	106,005	433	42	143
*RN4NF	"	89,947	362	40	161
*RA3ATE	"	88,466	432	40	138
*RA3OO	"	82,584	218	54	132
*RU3UW	"	81,291	307	43	104
*RA3IS	"	24	2	2	2
*UA3LHL	3.7	28,630	341	10	60
*R7NP	"	11,484	178	10	48
*RZ3VV	"	6,321	116	8	41
*UA6AIW	1.8	17,018	244	10	57
*UA4NDX	"	1,972	72	7	22

European Turkey

Call	Bd	Score	QSOs	Zn	Ctry
*TA1CM	A	87,975	295	54	153
*TA1TA	"	4,270	73	21	49
*TA1BM	28	42	3	3	3
*TA1HZ	21	6,669	95	18	39
*TA1FR	"	14	1	1	1
*TA1ED	1.8	8,418	174	7	39

Finland

Call	Bd	Score	QSOs	Zn	Ctry
OH8X	A	6,508,899	5237	152	505

(OP: OH4JFN)

Call	Bd	Score	QSOs	Zn	Ctry
OH4BNP	"	426,071	687	86	267
OH1O	"	310,689	531	72	239
OH1XY	"	228,723	405	72	167
OH1RX	"	109,816	249	68	144
OH1B	"	7,416	74	21	51

(OP: OH1BOI)

Call	Bd	Score	QSOs	Zn	Ctry
OH6NJ	"	7,259	45	22	39
OH6IO	"	1,173	17	10	13
OH1F	21	662,805	1854	37	128

(OP: OH1NOA)

Call	Bd	Score	QSOs	Zn	Ctry
OH2XF	"	67,000	216	32	103
OG1T	"	6,732	80	15	21
OH5TS	14	345,245	1389	35	110
OH2BCD	"	23,075	116	17	54
OH1TN	"	468	16	5	11
OH1TX	3.7	210,330	1253	31	104
*OH2BH	A	1,845,900	2171	117	408

(OP: OH6UM)

Call	Bd	Score	QSOs	Zn	Ctry
*OH1K	"	481,236	874	84	253
*OH1LEG	"	384,306	712	65	186
*OH2LP	"	124,236	395	52	151
*OH3KQ	"	92,684	421	43	145
*OH5NE	"	68,992	295	47	149
*OH1TD	"	65,340	296	40	155
*OH2MO	"	37,674	233	37	101
*OH1FJ	"	11,620	152	11	54
*OH8TV	"	7,176	105	10	44
*OH4TOM	"	1,710	37	10	20
*OH6GFI	"	198	10	9	10
*OH3WR	21	34,000	190	25	60
*OH3LB	"	6,860	95	14	28
*OH6JYH	7	2,628	60	8	28

France

Call	Bd	Score	QSOs	Zn	Ctry
F5VHY	"	1,053,896	1064	99	313
F6DZU	"	808,960	1199	86	230
F5BBD	"	665,688	1291	80	271
F4ENK	"	603,856	1075	90	286
F5RAB	"	484,063	760	87	262
F4FFZ	"	448,529	910	72	241
F5CQ	"	353,934	519	83	235
F4DSK	"	147,660	358	59	171
F6CXJ	"	108,615	293	56	139
F8DHE	"	106,774	408	64	133
F4LFL	"	88,060	309	48	122
F8AAN	"	28,497	211	21	63
F8DFP	"	6,867	62	24	39
F6KCP	28	30,149	185	19	54

(OP: F5VHN)

Call	Bd	Score	QSOs	Zn	Ctry
F8DBF	21	1,207,813	2666	38	143

(OP: F1HAR)

Call	Bd	Score	QSOs	Zn	Ctry
TM1E	"	371,220	1518	32	96
TM4W	"	290,304	1153	29	79

(OP: F5HRY)

Call	Bd	Score	QSOs	Zn	Ctry
F4EGD	"	98,855	562	26	57
F5JY	"	76,953	302	30	83
F1AKK	14	1,556,646	3789	40	143

(OP: F/TU5KG)

Call	Bd	Score	QSOs	Zn	Ctry
TM1W	"	708,600	2392	38	112

(OP: F1HAR)

Call	Bd	Score	QSOs	Zn	Ctry
TM2C	"	491,361	2047	32	91
TMØT	7	633,933	2662	37	122

(OP: F/TU5KG)

Call	Bd	Score	QSOs	Zn	Ctry
F5AMH	"	37,961	568	16	51
F5VML	"	14,089	191	10	49
*F8AKS	A	530,037	990	73	220

France (cont.)

Call	Band	Score	QSOs	Z	M
*F2AR	"	423,384	813	74	238
*F6FDR	"	366,240	801	67	213
*F6FTB	"	256,824	711	54	192
*F5POJ	"	198,198	494	54	177
*F5PAL	"	171,564	503	51	153
*F6DRP	"	140,275	491	44	111
*F6EWX	"	108,702	397	40	143
*F4EWU	"	100,080	362	52	128
*F4GBW	"	93,415	393	42	115
*F4AGR	"	87,127	282	42	109
*F5OHH	"	74,889	335	41	118
*F4FSV	"	72,038	263	48	133
*F4GGD	"	71,070	291	40	98
*F4ERS	"	68,211	217	47	96
*F1MLN	"	56,736	244	32	64
*F5MMB	"	50,260	257	39	101
*F5RD	"	49,274	227	42	100
*F1EPQ	"	33,000	249	26	94
*F4EZG	"	30,622	161	37	85
*F5BTH	"	29,768	178	35	87
*F8DYD	"	24,651	128	31	68
*F6GPT	"	24,534	143	28	59
*F6API	"	19,272	153	26	62
*F5GGL	"	17,978	102	28	73
*F4DFR	"	13,776	113	26	58
*F4GMK	"	12,750	126	21	64
*F4DXP	"	12,600	104	22	53
*F8NUH	"	12,375	79	29	46
*F4FSB	"	12,276	111	20	46
*F4ETG	"	7,975	94	12	43
*F1SMV	"	5,264	69	17	39
*F4CUI	"	4,814	61	17	41
*F4FBP	"	4,617	79	17	40
*F1ICS	"	4,543	66	16	37
*F1SIU	"	4,176	64	14	34
*F5AGQ	"	2,400	30	15	25
*F1PYN	"	2,365	36	13	30
*F1LPN	"	2,242	47	13	25
*F1IWH	"	2,030	40	15	20
*F4FXH	"	1,540	32	12	23
*TM4FO	"	576	30	4	14
(OP: F4FOO)					
*F5MLJ	"	224	10	7	9
*F4FIA	"	221	14	5	12
*F4FWN	"	90	7	3	7
*F8AKC	28	20,033	135	18	49
*F6IRG	"	5,265	60	16	29
*F5TMJ	"	1,984	27	12	19
*F5TGR	21	3,071	44	14	23
*F1MGC	14	2,268	54	8	28
*F5CYS	7	50,512	660	14	63
*F1ICR	"	15,610	203	11	55
*F8PMO	"	9,778	121	11	46
*F5BEG	3.7	84,584	718	17	80
*F5SSK	1.8	22,995	286	11	62

Germany

Call	Band	Score	QSOs	Z	M
DJ4PT	A	3,859,736	3414	135	401
DJ5MW	"	2,550,975	2437	122	403
DL2DX	"	2,100,636	1710	123	408
DK5EZ	"	1,264,716	1175	114	402
DG8AM	"	882,700	1421	93	295
DL9GWD	"	823,821	997	104	343
DL1DTC	"	761,229	1123	89	298
DJ6OZ	"	610,203	911	80	283
DJ3HJ	"	419,874	855	61	212
DL9OHA	"	301,320	429	87	237
DL5YM	"	275,761	675	60	197
DJ5KW	"	241,572	718	54	192
DK5JM	"	221,275	431	65	200
DF9RD	"	208,552	595	60	202
DL8NBJ	"	171,798	372	63	211
DJ5IW	"	169,384	370	70	178
DJ1TU	"	164,121	433	60	167
DF6RI	"	151,690	431	48	149
DB1BAN	"	150,984	590	53	180
DL5ST	"	147,153	330	65	206
DC9ZP	"	146,102	365	55	174
DK8EY	"	134,829	438	43	168
DL6DVU	"	129,168	378	59	175
DL8SCG	"	118,940	257	62	128
DJ6XV	"	115,462	295	56	163
DF5BX	"	111,708	382	47	167
DL5ZL	"	104,370	289	56	157
DG9MDM	"	101,475	244	63	142
DC2YY	"	90,160	234	65	131
DL6JZ	"	83,367	260	43	114
DC1JAG	"	80,183	328	45	136
DJ4OO	"	68,728	240	38	104
DH8VV	"	46,835	179	34	114
DK1BX	"	41,958	144	52	110
DL5AXX	"	41,860	180	43	67
DL9GFB	"	41,405	174	49	120
DL6UNF	"	37,530	168	37	102
DF2TT	"	23,650	97	40	70
DJ2BC	"	20,000	78	36	64
DF2IAX	"	18,718	122	35	63
DL3OHB	"	18,252	79	39	78
DKØSU	"	12,397	125	17	60
(OP: DF7SA)					
DKØASP	"	7,728	97	18	51
(OP: DJ0QA)					
DK50A	"	6,370	63	21	44
DB3FS	"	5,022	91	16	44
DM2BPG	"	4,743	103	7	44
DO4EF	"	3,400	39	16	24
DM4DX	"	2,697	42	12	14
DK7AN	"	2,106	42	12	14
DL8DBW	"	1,944	26	14	22
DH6JL	28	1,040	48	4	16
DL3BQA	21	283,360	768	37	123
DK5FF	"	209,208	637	35	103
DJ6TK	"	36,893	203	27	62
DG2SRL	"	14,144	83	26	42
DHØGDS	"	3,180	50	14	16
DFØJEN	"	6	1	1	1
(OP: DL2AMD)					
DL2AMD	14	18	2	1	2
DJ7WW	7	526,848	1951	37	131
DF2OZ	"	3,503	42	11	32
DF5PK	3.7	11,130	236	7	46
DF1IAQ	"	9,180	199	6	45
DL7CX	"	2,623	69	4	35
*DL4MCF	"	1,508,014	1600	114	424
*DL6DCD	"	711,392	1132	79	297
*DJ2BI	"	434,463	701	78	213
*DL1BWU	"	414,540	892	75	240
*DJ4JF	"	395,460	576	86	250
*DL4ZA	"	378,200	821	61	240
*DG1IU	"	359,964	768	60	237
*DL1NKS	"	275,575	607	70	237
*DM5JBN	"	233,208	564	61	185
*DFØBV	"	226,100	457	62	204
DK5D	"	225,990	373	81	229
DK7CH	"	212,415	609	61	184
DL2F	"	195,264	702	57	159
(OP: DL2FDL)					
	"	192,413	400	65	182
DK3WN	"	189,120	563	55	185
DL1TRK	"	177,000	483	60	176
DM2AWM	"	160,714	475	51	163
DL8ULO	"	136,728	511	47	169
DL1VJL	"	136,530	363	55	150
DP4M	"	132,858	505	42	115
(OP: DJ4MH)					
	"	131,660	315	57	170
DF9FT	"	126,672	341	52	122
DL4OCH	"	123,578	357	54	140
DH6BH	"	122,904	333	65	151
DG2JA	"	114,432	362	49	143
DF6WE	"	105,789	420	40	157
DL3IS	"	100,455	346	49	132
DL3ZAI	"	100,392	296	50	128
DF6QC	"	99,328	457	38	156
DL9LF	"	98,022	322	46	140
DL2DGL	"	93,312	305	53	139
DL5DTG	"	92,880	383	44	151
DL4EBA	"	91,492	362	45	133
DL6NAL	"	91,304	357	46	156
DL4VAI	"	88,540	290	48	142
DL2SWR	"	87,668	246	58	144
DL1TPY	"	83,838	316	47	131
DL6RBO	"	73,568	246	48	104
DL1DTL	"	72,800	273	40	105
DO1CS	"	72,225	305	36	99
DL3WKG	"	67,056	310	36	140
DLØBIT	"	64,255	374	45	136
(OP: LX1ER)					
DL5ZB	"	61,910	177	56	95
DH7LF	"	60,345	249	42	107
DM5JL	"	59,664	166	53	79
DO1HGS	"	57,663	283	48	101
DF5BM	"	57,304	263	35	81
DL1JGG	"	56,960	203	42	86
DO1WHU	"	55,854	299	44	130
DL2ASB	"	53,476	308	27	86
DK7FP	"	52,804	236	46	126
DL6KAY	"	43,335	259	28	107
DO2MS	"	43,125	208	36	79
DM2TO	"	40,103	229	25	94
DB2BJT	"	38,184	148	45	84
DL3MVC	"	38,100	293	32	118
DK6NF	"	36,288	160	34	50
DL5SWB	"	36,168	221	32	105
DL1HSI	"	35,708	157	36	77
DF4TD	"	33,660	227	25	85
DM3KZN	"	33,276	199	34	107
DM5CQ	"	33,078	139	33	116
DJ4WM	"	31,552	206	27	89
DJ6UP	"	31,255	150	32	63
DL7ATR	"	28,448	235	28	99
DK5TX	"	28,122	176	31	78
DO1MGN	"	27,938	160	37	85
DL4GBA	"	27,027	164	20	57
DB1SMW	"	26,508	146	34	60
DO3KMF	"	26,196	127	34	84
DL2AL	"	26,100	200	22	78
DL9ZWG	"	26,096	148	33	79
DL7VRG	"	25,868	194	27	89
DL5JH	"	24,983	178	23	60
DL4RAT	"	24,975	192	24	67
DK6RF	"	23,800	113	34	85
DM4TNF	"	23,001	131	35	88
DL1HW	"	22,572	139	33	75
DL1DXF	"	22,420	138	31	64
DO2OF	"	21,271	115	31	58
DG6OAG	"	21,060	113	26	55
DG5NI	"	19,888	216	21	67
DL9FB	"	18,975	158	32	83
DD9RZ	"	18,908	144	24	81
DL2AWA	"	18,585	152	24	81
DL4EXX	"	18,172	107	38	59
DK8CB	"	18,078	145	19	70
DL1DF	"	18,000	127	29	71
DO1CDE	"	17,784	120	21	53
DL6RBH	"	16,974	141	25	57
DH9PRZ	"	16,872	139	29	85
DL9HB	"	15,960	108	32	63
DL2DC	"	15,080	114	17	53
DL4EG	"	14,645	110	31	70
DO7DU	"	13,363	115	24	59
DG6MBS	"	12,920	112	28	57
DO3GQ	"	12,528	146	19	53
DL1STV	"	12,375	103	24	51
DL3SEM	"	11,550	88	21	48
DL9HB	"	5,980	74	12	43
DL2DC	"	5,952	82	15	48
DO7DU	"	5,880	71	18	31
DG6MBS	"	5,760	80	18	42
DO3GQ	"	5,040	91	14	31
DL4YGW	"	4,335	51	16	35
DL1GQ	"	3,996	43	17	37
DL7ED	"	3,510	51	14	16
DM5LK	"	3,354	59	14	41
DC2CT	"	3,339	75	14	25
DL5KX	"	3,268	25	13	26
DL7CU	"	3,168	41	13	25
DL8BTE	"	2,840	79	6	34
DG9AK	"	2,400	48	9	31
DG6DAF	"	2,074	21	16	18

Germany (low scores / single band)

Call	Band	Score	QSOs	Z	M
*DL1PF	"	2,048	36	14	18
*DG1LS	"	1,920	44	13	27
*DL5FEE	"	1,887	48	12	27
*DL1AZA	"	1,794	36	13	26
*DL1MM	"	1,760	19	13	19
*DG1EHG	"	1,638	49	11	31
*DK2PZ	"	1,591	36	12	22
*DM3F	"	1,419	27	13	20
(OP: DH5FS)					
*DF7JC	"	1,152	24	11	21
*DL7FA	"	1,044	33	9	20
*DGØOSK	"	1,025	39	12	29
*DN10SK	"	676	23	7	19
*DL7LZ	"	561	15	7	10
*DL2BUM	"	368	14	7	9
*DB1RL	"	252	15	9	12
*DK3RA	"	150	5	5	5
*DD5AN	"	18	3	3	3
*DL3VZL	28	13,797	118	15	58
*DL1ARD	"	1,512	32	8	16
*DJØMCZ	21	108,460	423	30	86
*DO6SR	"	15,372	137	19	42
*DH3RB	"	13,224	108	18	40
*DL5KUD	"	4,608	49	15	21
*DO4TP	"	2,376	33	9	18
*DL1FZZ	"	2,013	21	14	19
*DO1NPF	"	1,026	36	7	12
*DL1DWR	"	160	11	4	4
*DL9ZP	14	81,640	508	22	82
*DJ2GMS	"	15,975	151	15	56
*DL4JYT	"	9,360	92	14	51
*DL3BWF	"	5,150	57	17	33
*DL6UAM	"	3,108	56	9	28
*DL1DUU	"	1,961	46	10	27
*DL1SCH	"	312	13	5	7
*DL8AAM	7	41,184	417	16	72
*DL1SBF	"	56	4	3	4
*DL3KDC	3.7	360	26	2	18
*DJ8ES	1.8	2,535	62	6	33

Greece

Call	Band	Score	QSOs	Z	M
SY2V	A	467,058	1228	69	254
(OP: SV2GJV)					
J48P	"	126,629	785	33	106
(OP: HA7PL)					
SV1GRD	"	31,640	202	34	106
SV1JGX	14	112,744	595	24	95
J43J	7	115,787	784	24	95
(OP: DJ5JH)					
*SV8/DK3SJ	A	42,625	243	36	119
*SV1UT	21	92,082	623	27	76
*SV1JG	"	48,510	302	30	69
*SV2YC	14	32,980	277	19	66
*SV2JAO	7	68,172	529	25	89
*SV2KBE	1.8	3,234	95	6	36

Guernsey

Call	Band	Score	QSOs	Z	M
*MUØFAL	28	580	21	7	13

Hungary

Call	Band	Score	QSOs	Z	M
HA3NU	A	151,605	684	33	102
HA3OU	"	77,027	225	56	141
HA7JTR	3.7	91,089	959	14	73
*HG3FUG	A	49,608	237	32	85
*HAØML	"	48,776	235	39	95
*HA2MN	"	31,680	185	30	69
*HA7JQK	"	5,418	91	14	49
*HA3FT	28	1,054	26	10	21
*HA7MB	"	14,308	114	17	53
*HA7AVU	3.7	11,715	201	7	48
*HG1ØØVA	"	5,684	139	8	41

Iceland

Call	Band	Score	QSOs	Z	M
TF3Y	A	287,272	905	45	104
TF3AM	"	268,640	1057	43	104
TF3CW	14	996,853	3028	34	109
TF3SG	1.8	19,527	306	17	80
*TF8GX	A	45,510	219	31	80

Ireland

Call	Band	Score	QSOs	Z	M
EI2II	A	169,136	436	50	126
EI4DJB	"	100,224	358	45	129
EI9HX	14	680,060	2184	34	114
EI2CN	"	629,888	2358	34	91
*EI8GQB	A	928,085	1347	88	331
(OP: ON4EI)					
*EI5GSB	"	391,996	845	65	237
*EI3ENB	"	93,055	336	40	115
*EI4GAB	"	79,704	316	41	121
*EI2KA	"	78,942	311	43	134
*EI9KC	"	70,942	292	40	153
*EI4JZ	14	21,744	240	15	57

Isle of Man

Call	Band	Score	QSOs	Z	M
GD4WBY	A	73,075	300	50	135
*GD4IHC	"	2,516	37	12	25

Italy

Call	Band	Score	QSOs	Z	M
IR4B	A	532,650	813	85	250
(OP: IK4AUY)					
IZ7ECL	"	518,245	1027	84	251
IZØBVU	"	329,475	538	80	256
I4KNN	"	288,900	587	64	206
I4AUM	"	217,348	518	52	196
IZ8FBU	"	144,834	419	47	155
IWØGTA	"	130,500	305	58	167
IZ1CQZ	"	121,875	320	56	139
IZ6CLN	"	108,996	600	39	157
IW5ELR	"	87,416	276	54	140
IK5AFJ	"	85,008	228	47	114
I5/DK1ROB	"	83,721	353	40	149
IZØPMV	"	73,528	230	46	101
IZØPAU	"	67,760	441	36	104
IK2MPR	"	61,180	231	40	111
IRØZ	"	57,240	502	26	94
IZ4EFP	"	56,160	199	36	99
IK1MNG	"	52,530	215	40	111
IZ5RNC	"	33,320	205	30	98
IZ8DEJ	"	25,536	231	22	90
IZ4BQV	"	21,312	187	31	83
IZ0EGA	"	17,290	119	30	82
IZ1LAT	"	16,800	110	33	87
IZØFWD	"	9,440	74	21	59
IZ0IWU	"	7,920	74	21	45
IZ2GMT	"	4,268	54	12	29
IZØDXI	28	10,488	79	17	40
IWØBCF	"	121,347	883	30	103
IZ3DVU/3	"	8,608	140	12	20
IZ5ANI	"	6,592	40	33	34
IZ8HUJ	14	68,705	575	21	70
IZ8DSX	"	32,208	315	18	46
IZ6ERS	7	185,045	1559	30	89
IZ1GAR	"	137,600	958	27	101
I4FYF	1.8	68,769	807	12	69
*IR4T	A	1,086,912	1389	110	349
(OP: IZ7KHR)					
*IK2DZN	"	661,728	1038	94	272
*IK2QLX	"	343,098	674	72	222
*IK2SGB	"	303,490	596	77	233
*IW4EGX	"	250,498	581	63	188
*IZ2JPN	"	235,675	536	70	205
*IK7NXU	"	224,145	476	79	214
*IZ5IMD	"	217,338	434	72	195
*IK8NSR	"	182,925	447	61	164
*IKØFMB	"	181,424	544	63	169
*IWØEAC	"	180,858	366	79	179
*II7K	"	152,460	427	72	180
(OP: IZ7KHR)					
*IZ5ILK	"	109,098	255	64	145
*IK7RVY	"	94,500	332	49	131
*I5DOF	"	84,150	295	50	137
*IK3SSW	"	71,732	335	38	122
*IZ1ANZ	"	67,890	254	44	111
*IZ4DYP	"	67,068	302	45	117
*IW5ECP	"	62,266	244	46	117
*IZ7BAS	"	56,244	237	38	124
*IZ8BKA	"	55,583	233	41	122
*IK1ZOE	"	47,128	257	38	99
*IZ5OQX	"	46,305	260	31	104
*IW2FUT	"	44,712	237	35	105
*IZ5MMK	"	43,865	215	34	97
*IK2YSJ	"	38,624	241	37	105
*IK2YXP	"	33,916	151	38	84
*IK1DFH	"	32,750	184	32	99
*IZ3FJZ	"	28,413	157	31	46
*IZ5RWK	"	27,489	249	25	94
*IK7WPD	"	26,675	150	38	79
*IK2IKW	"	24,600	149	32	88
*IV3NVB	"	24,510	129	42	88
*IV3ARJ	"	22,644	167	28	83
*IK2LFD	"	19,928	130	30	64
*IWØGVG	"	19,800	78	36	64
*IK6EUH	"	19,140	102	31	79
*IK4RVG	"	17,982	172	24	87
*IV3IDP	"	17,460	141	24	71
*IW2MYH	"	16,983	120	30	93
*IW1RHR	"	14,076	110	27	75
*IK3MLF	"	14,065	113	24	73
*IK8MIG	"	13,943	146	17	56
*IN3MNS	"	13,398	107	26	61
*IZ1HDR	"	13,224	104	26	61
*IZ8GBT	"	11,178	78	30	51
*IW7BIM	"	10,836	115	25	61
*IW5EDI	"	10,153	67	26	47
*I1ØBI	"	9,750	55	32	46
*IØKHP	"	8,700	94	18	57
*IZ2LQD	"	8,509	76	24	43
*IK4JQQ	"	7,800	100	15	50
*IK1YHX	"	7,760	89	19	61
*IZ1DXS	"	7,366	61	23	35
*IZ4DUX	"	7,250	69	20	38
*IK5FKF	"	7,182	75	21	42
*IW5ELA	"	7,072	46	29	39
*IZ6INR	"	6,944	59	22	46
*IK5ZQC	"	6,448	95	17	45
*IZ2JNN	"	6,370	89	16	49
*IZ8JAI	"	6,120	49	29	43
*IZ7EYA	"	6,072	54	19	44
*IZ2KTE	"	6,059	67	22	51
*IZ1DFG	"	4,818	35	21	45
*IW6NZY	"	4,260	61	16	44
*IK4XQT	"	3,102	40	13	34
*IK8JDH	"	2,496	52	13	35
*IK5PVX	"	2,444	34	13	31
*IZ1HBC	"	2,214	53	11	31
*IK6GPZ	"	2,112	48	10	32
*IZ8CLM	"	1,815	23	15	30
*IZ1DLY	"	1,584	26	11	25
*IZ8MWG	"	1,395	17	14	17
*IZ2CSX	"	1,036	26	4	24
*IZ8ESX	"	902	11	11	11
*IZ5LZP	"	624	13	11	13
*IV3TQE	"	589	13	9	10
*IK2CFD	"	500	12	9	16
*IZ4DIG	"	459	17	12	15
*IZ3QCH	"	308	8	6	9
*IN3IZT	"	308	8	6	9
*IK3UNA/1	7	75,482	829	21	73
*IW3SNR	"	9,570	164	11	47
*IZ4AIF	"	6,050	190	11	44
*IZ3NVR	"	6,016	114	7	44
*IZ0IWM	"	2,016	65	6	26
*IZ7RZF	"	736	24	7	15
*IZ3GKI	"	240	12	5	10
*IN3ADN	"	150			
*IO3B	3.7	67,868	649	14	80
(OP: IV3KFB)					
*IV3GOW	"				
*IW1RMD	1.8	7,448	155	6	43
	"	650	29	4	21

Kaliningrad

Call	Band	Score	QSOs	Z	M
UA2CZ	A	264,720	622	74	215
*RN2FQ	"	70,336	355	45	112
UA2FHZ	"	38,610	255	36	99
RA2FX	14	700	20	7	13
RA2FB	1.8	2,816	90	5	27

Latvia

Call	Band	Score	QSOs	Z	M
YL2SM	A	2,562,115	2936	122	413
YL2SW	"	863,555	1296	86	299
YL3FX	"	372,654	757	72	210
YL3FX	21	101,909	538	29	72
YL3T	7	429,970	1978	38	113
*YL2TQ	"	361,335	622	80	247
*YL2CS	"	117,806	459	36	149
*YL2PN	"	75,110	378	36	99
*YL2IP	"	53,280	211	42	106
*YL2GUV	21	50,310	171	36	94
*YL3BZ	"	34,486	175	24	62
*YL2CI	3.7	50,932	698	11	57

Lithuania

Call	Band	Score	QSOs	Z	M
LY2J	A	830,973	1494	98	331
LY2MM	"	746,736	1352	83	299
LY2XW	"	129,400	341	64	136
LY2AE	21	47,523	243	30	63
LY1XA	"	31,929	164	26	61
LY1CT	"	22,800	176	17	48
LY5R	14	544,663	1824	38	123
LY2BKT	3.7	45,895	664	8	57
LY2OU	1.8	24,759	451	9	54
*LY4T	A	873,585	1386	85	320
*LY2K	"	484,704	1007	74	250
*LY4K	"	61,272	305	37	111
*LY2N	"	51,870	219	40	90
*LY4BP	"	44,069	246	34	93
*LY1K	"	42,656	228	35	89
*LY1DJ	"	29,400	214	27	93
*LY2BBF	"	23,716	167	32	66
*LY1NDN	"	20,619	186	22	65
*LY2OM	"	11,200	90	20	50
*LY2AT	"	8,880	100	22	58
*LY2LB	"	4,746	64	15	27
*LY4B	28	440	18	8	12
*LY2ND	21	8,550	113	18	39
*LY5S	14	5,537	115	9	40
*LY1G	3.7	80,360	691	20	78

Luxembourg

Call	Band	Score	QSOs	Z	M
LX1SG	A	389,367	1094	53	200
LX1NO	"	72,500	367	34	91
LX9DX	14	109,250	617	24	71
(OP: LX1KQ)					

Macedonia

Call	Band	Score	QSOs	Z	M
Z3ØA	7	169,218	1182	25	94
Z36W	3.7	27,648	310	12	60
*Z37Y	A	262,524	739	60	202
(OP: Z32AJA)					
*Z35G	"	15,996	113	28	56
*Z35W	14	122,148	758	29	87

Malta

Call	Band	Score	QSOs	Z	M
9H1XT	A	159,152	507	54	149
*9H3NO	"	50	5	5	5
(OP: LX1NO)					

Moldova

Call	Band	Score	QSOs	Z	M
*ER3AU	A	142,131	444	57	162
*ER1DA	"	131,400	424	44	156
*ER5LL	"	14,744	97	28	44
*ER5DX	21	32,883	156	30	67

Monaco

Call	Band	Score	QSOs	Z	M
3A2MG	A	142,444	359	58	181

Montenegro

Call	Band	Score	QSOs	Z	M
4O3A	A	10,587,780	7009	168	588
(OP: ES5TV)					

Netherlands

Call	Band	Score	QSOs	Z	M
PA3AAV	A	1,493,856	1548	128	418
PA1NHZ	"	556,850	1282	60	199
PAØJNH	"	396,440	725	78	262
PA1NL	"	329,574	1013	64	202
PAØLOU	"	147,459	296	80	167
PA7PA	"	63,684	183	57	117
PE1EWR	"	24,970	174	27	83
PA4B	"	16,055	110	23	42
PG9HF	"	14,706	100	27	59
PD5JFK	"	14,151	148	20	69
PA3BWK	"	11,475	100	21	54
PA1CM	"	1,512	25	15	21
PDØNXV	"	55	8	4	7
PFØX	21	300,533	928	38	111
PA5TT	14	975	25	9	16
PA2MRT	"	37,230	243	24	78
*PA8KW	A	537,460	1004	84	265
*PA2LS	"	348,861	739	76	233
*PA3T	"	254,904	646	61	197
*PAØGJV	"	252,396	595	63	175
*PA3FYG	"	226,176	591	58	190
*PAØAGA	"	215,045	866	46	159
*PB6W	"	170,240	926	23	89
*PD1KSA	"	113,696	612	31	105
*PG1R	"	97,713	370	41	148
*PA1JIM	"	75,469	281	45	118
*PA1RBZ	"	74,690	350	39	115
*PD1RP	"	72,520	323	40	108
*PAØCGB	"	70,684	337	33	131
*PE1LTY	"	68,796	303	39	108
*PA9DD	"	65,113	275	38	111
*PA3DBS	"	65,052	318	43	116
*PA3ARM	"	63,580	297	42	128
*PAØCOR	"	61,388	246	40	107
*PA3ANN	"	58,216	354	33	119
*PDØHM	"	53,424	444	21	91
*PE1RLF	"	50,958	249	34	91
*PA3ELQ	"	45,387	267	32	91
*PAØCMU	"	44,850	240	38	92
*PA4PS	"	43,056	258	32	106
*PE2JMR	"	38,500	260	28	72
*PD1B	"	40,356	350	29	89
*PD5LO	"	38,500	268	28	88
*PA3EWG	"	29,664	195	27	76
*PA3GDD	"	28,520	205	25	73
*PF9A	"	27,904	198	24	76
*PA1PAT	"	26,307	197	23	76
*PA2CVD	"	26,136	248	22	68
*PG2D	"	23,544	176	24	63
*PA3DAT	"	20,868	147	23	64
*PAØEMO	"	15,708	114	24	62
*PA5VK	"	14,276	134	20	60
*PA2CHM	"	11,880	109	19	47
*PA3MET	"	11,520	133	24	72
*PA1AK	"	9,804	99	15	42
*PA3AQL	"	7,006	76	15	38
*PDØPRS	"	5,238	101	11	40
*PA1W	"	4,880	61	13	40
*PA3HCD	"	4,332	94	13	44
*PE1NCP	"	4,293	53	16	37
*PAØB	"	1,702	34	13	21
*PAØFEI	"	616	17	7	17
*PD4WD	14	3,393	86	10	29
*PA3MWD	"	6,664	95	13	64
*PA2REH	3.7	16,775	288	10	51

Northern Ireland

Call	Cat	Score	QSOs	Z	C
GI4XSF	A	6,786	71	17	41
*GI0KVQ	A	297,387	798	41	132
*GI4AAM		168,948	529	48	186
*GI4JTF		114,680	379	39	149
*GI4DOH		28,569	165	26	63
*2I0GWA	7	3,264	39	14	37

Norway

Call	Cat	Score	QSOs	Z	C
LA9BM	A	988,144	1787	89	320
LA1J		703,468	1499	70	214
(OP: LA8OM)					
LA1PHA		80,640	286	43	125
LA6KOA		35,860	288	25	85
LA3ZPA		27,060	148	38	85
LA5YJ	28	3,060	46	12	22
LA2QM	21	72,192	235	34	107
LB9RE	1.8	1,855	52	6	29
*LA2HFA	A	164,436	538	49	164
*LA7GNA		100,488	338	51	107
*LA7TN		87,792	417	32	145
*LA6ALA		69,736	338	39	145
*LA6HJA		22,422	182	29	82
*LA1HSA		16,016	109	29	75
*LA4OGA		11,218	90	27	52
*LA5FH		5,015	67	17	42
*LA7RRA		4,756	59	18	40
*LA6YIA		1,568	27	13	15
*LA5PRA		1,404	21	13	13
*LA1ORA		1,386	33	7	15
*LA6BNA		456	19	7	17
*LA9VPA		360	18	5	13
*LA1EBA		228	13	8	11
*LA7JD	21	85,466	260	34	117
*LA1DSA		7,100	102	13	37
*LA2GN		4,256	100	8	30
*LA6ZFA		2,170	37	13	22
*LA1VNA	14	13,746	188	11	47
*LA1QDA		1,040	28	7	19
*LA8OSA		960	36	5	19
*LA7ARA		256	17	3	13
*LA5FBA	7	5,546	136	8	39

Poland

Call	Cat	Score	QSOs	Z	C
SP9LJD	A	4,088,993	3794	123	404
SN8B	"	1,364,808	1870	84	358
(OP: SP8CUR)					
SN9P		560,142	871	83	286
(OP: SQ9GAI)					
SP3GXH		528,970	1007	91	247
SP6DNZ		365,024	452	98	254
SP9WZJ		356,586	637	78	231
SP8TDV		262,474	611	67	196
SN5V		229,414	554	71	180
(OP: SQ5EBM)					
SP7CCB		196,463	698	46	177
SP8HXN		162,840	323	78	152
SP5GMM		76,466	177	72	149
SP3PJY		71,445	362	34	131
(OP: 3Z3AHK)					
SP5CJQ		63,180	193	55	125
SP4OIZ		39,693	284	31	100
SP3CFM		37,950	124	49	101
(OP: SQ3CFM)					
SO9LR		37,520	125	41	71
SP2HMN		13,332	109	31	70
SQ8GBG		7,700	96	19	58
SP2FAP		3,444	40	15	27
SP7HOA		2,346	26	16	18
SP6IEQ		322	9	7	7
SP5EWX	28	46,452	299	23	75
SO6R	21	84,370	335	30	88
SQ2HNA		9,635	112	12	35
SP200FC	14	96,800	530	23	87
(OP: SP7IVO)					
SP5LS		261,476	1402	32	99
SN3A	3.7	448,440	2113	33	115
(OP: SP3GEM)					
SP6AXW	1.8	15,015	222	9	56
SP5ENA		5,120	138	4	36
*SO2S	A	582,120	1009	84	308
(OP: SP2QG)					
*SP9NWN	"	490,688	843	82	270
*SP6A	"	378,316	768	77	272
*SP5XOV		370,755	652	78	237
*SP9OYB		307,707	627	76	251
*SP5PX		215,975	521	67	198
*SP6RYD		211,410	577	62	181
*SN3B		204,850	591	63	178
(OP: SQ3JPV)					
*SP3MGM		196,348	580	58	199
*SP7JOA		191,808	412	66	222
*SP3JHY		135,251	330	62	149
*SQ5NAE		132,854	559	37	144
*SP6JZP		122,364	469	47	151
*SP6CCI		116,560	412	52	136
*SN1J		100,647	302	50	109
(OP: SP1MWF)					
*SQ8JMC		98,102	396	41	140
*SP4ICD		94,576	367	45	139
*SP1QXK		86,221	251	53	98
*SQ6NEF		77,525	360	42	133
*SP3MEP		75,168	380	41	133
*SQ8LSB		72,420	446	27	115
*SQ9NRY		64,288	328	39	125
*SQ9DXT		63,063	348	31	116
*SP9ODM		56,301	310	31	116
*SN50KSP		54,243	310	31	116
(OP: SQ5LGT)					
*SP200AAZ		52,460	253	42	130
*SQ9IWS		50,880	295	29	109
*SN8J		50,050	253	43	108
(OP: SP8JPR)					
*SP8LXE		49,364	255	41	123
*SO201IFD		47,874	197	51	107
(OP: SP9RQH)					
*SP6QKS		46,845	299	35	100
(OP: SP6QKP)					
*SQ5GVY		42,174	250	34	108
*SP9MAN		38,870	211	33	93
*SQ6STH		37,052	153	41	116
*SP4DDS		32,922	211	33	85
*SP9OHL		32,032	200	26	95
*SQ1FYX		31,059	159	34	95
*SP3SPK		30,623	227	30	83
*SP9RTL		30,240	157	38	102
*SP9CLO		29,440	177	36	104
*SP4FMD		28,254	168	32	94
*SP3VSE		27,966	110	38	96
*SQ9JKS		27,940	133	33	77
*SP5HFS	"	26,912	132	37	79
*SQ9ANS		26,564	148	40	76
*SQ6LJV		26,465	119	36	43
*SQ7LQJ		26,216	194	26	90
*SQ5NBE		25,254	169	34	88
*SQ2EAN		23,246	202	26	92
*SQ3MZM		23,144	229	19	71
*SP4CQU		21,717	117	46	81
*SN9L		20,045	153	26	69
(OP: SQ9NIS)					
*SQ7VO		19,602	115	31	50
*SP9RHN		19,019	167	22	69
*SP7TEX		17,664	106	33	59
*SP9IHP		17,496	86	33	48
*SP6EIY		16,564	100	32	69
*SP7TES		15,104	80	31	33
*SP8YB		13,870	99	34	61
*SQ6STI		13,280	79	34	49
*SQ6WWW		12,750	141	26	59
*SP5DPD		12,483	71	35	59
*SP8SIW		11,700	106	30	70
*SN6A		9,047	129	25	58
(OP: SP6CES)					
*SP5BYC		8,778	78	27	39
*SQ1OD		8,520	48	28	43
*SP6NVK		7,935	92	22	47
*SP2GTJ		7,316	72	28	34
*SQ7PGO		7,280	115	23	57
*SQ9ONK		7,192	72	21	37
*SN8L		6,960	86	16	44
(OP: SQ8JCB)					
*SP2ILQ		6,887	102	18	53
*SQ5SDE		4,698	82	15	43
*SQ8JMZ		4,526	65	19	43
*SQ9QYQ		4,071	59	16	43
*HF201UFCY		3,700	44	20	30
(OP: SP9MDY)					
*SP6DHH		3,571	116	15	51
*SQ5WD		3,150	34	20	25
*SP80MJX		2,695	57	14	35
*SQ3ZA		2,600	34	22	30
*SQ9JKG		1,989	47	10	29
*SQ6RGH		1,769	30	12	17
*SP3UQG		1,512	36	10	26
*SP6PAX		1,051	60	8	27
*SP7FBQ		1,026	25	8	10
*SP201CY		812	24	11	18
(OP: SP5BMU)					
*SP7CXV		800	15	10	15
*SQ7NSN		676	21	10	16
*SQ7OEK		432	31	3	15
*SP4AVG		285	13	6	9
*SP6AEG		260	8	6	7
*SP6BEN		168	6	6	6
*SQ3VV	28	4	3	1	4
*SP2GCE	28	4,329	68	9	28
*SP5TWA		144	6	4	5
*SP5BUJ	27	3	1	2	
*SP5UD	21	34,577	177	24	47
*SN9R		18,612	143	19	47
(OP: SP9BRP)					
*SP3FON		18,224	117	22	45
*SQ1OTQ		10,854	98	18	36
*SP4MPA		5,700	47	19	31
*SP1II		4,403	54	12	25
*SP6GTN		2,184	41	10	11
*SP4SHD		252	10	6	8
*SP2MGR		96	4	4	4
*SP2FUD	14	65,208	281	29	103
*SP5IVC		56,154	361	21	77
*SP4LVK		49,056	302	26	70
*SP2AYC		42,021	359	18	69
*SP3FYX		34,425	280	21	64
*SP8CGU		33,142	311	15	58
*SN1T		23,104	261	17	59
(OP: SQ1RET)					
*SP5DRE		22,050	205	17	53
*SQ3JVW		15,750	171	17	58
*SO8L		15,624	195	13	43
(OP: SQ8JLU)					
*SQ4G		14,012	174	14	48
*SP8BQL		13,398	162	12	46
*SP9IBJ		9,744	167	10	38
*SP5AYY		6,030	67	14	31
*SP5MVM		5,050	54	11	39
*SP201BMF		1,196	48	7	19
*SP1MAB		384	12	7	9
*SO9D		41,202	299	24	85
(OP: SP9DLY)					
*SP1FFC		20,424	177	13	65
*SP6ENL		12,772	148	15	47
*SP8ONB		5,054	89	9	29
*SP6RRP		4,770	97	8	37
*SP1MVG	3.7	33,525	398	13	62
*SQ9IAU		18,154	320	7	51
*SP9CXX		8,784	196	7	41
*SQ5STS		3,080	90	5	30

Portugal

Call	Cat	Score	QSOs	Z	C
CT1IZW	A	102,312	253	57	139
CT1ILZ		45,900	195	38	97
CT1EHK		14,784	77	29	67
CT1JLZ	14	903,210	2806	37	128
(OP: OK1RF)					
CT1JRZ		16,287	247	11	56
*CR5M		868,084	1428	79	333
(OP: CT1DHM)					
*CT1DIN		127,264	407	45	149
*CT1EGW		92,418	218	67	152
*CT1FOQ		58,450	192	47	120
*CT1DJE		26,190	141	21	76
*CT1EGF		19,458	170	17	52
*CT4DK		9,130	69	32	51
*CT1AGF		8,195	66	26	29
*CT1DKS		1,950	28	6	19
*CT2JBD		104	8	6	7
*CT2KFA	28	12,528	99	18	36
*CT4QB	21	32,864	255	20	68
*CT1DZY	14	10,797	136	12	49
*CT2GSN		28,567	280	15	62

Romania

Call	Cat	Score	QSOs	Z	C
YO50EF		601,650	856	107	275
YO50AW		124,334	406	54	160
YO2MIL		57,629	233	51	118
YO8RAC		3,392	73	14	33
YO3A	21	325,180	1398	31	109
(OP: YO3GOD)					
YO4DI		21,164	162	19	55
YO4AUP	7	17,630	171	17	65
*YO3CZW	A	1,547,757	2739	91	332
*YO4RST		214,704	500	69	183
*YO9GSB		160,720	552	50	146
*YO7ARY		160,666	571	44	174
*YO5OHY		148,944	524	51	163
*YO4US		120,990	514	38	147
*YO9RFS		113,932	459	44	138
*YO9RKH		60,348	328	35	106
*YO8RIJ		59,361	299	36	105
*YO3FOM		59,250	172	56	94
*YO3DAC		47,712	287	37	105
*YO2MJZ		46,900	264	30	104
*YO2MHJ		45,708	188	49	107
*YO5CZZ		43,815	218	35	80
*YO5CBN		42,560	279	29	104
*YO2MTG		40,635	258	33	96
*YO7LTQ		27,492	196	30	86
*YO7BGB		26,208	212	30	82
*YO6DBL		23,435	142	26	83
*YO2MFC		19,392	138	29	72
*YO8THG		17,368	117	32	72
*YO5DAS		16,517	140	27	56
*YO9HG		15,700	128	30	70
*YO1KW		14,536	68	36	43
*YO4AWZ		12,987	141	30	81
*YO3CEN		11,900	86	29	56
*YO6HSU		5,330	56	21	44
*YO8RFJ		3,381	63	12	37
*YO4AST		2,964	49	13	26
*YO4RSS		2,664	51	11	25
*YP2W		2,310	31	15	27
(OP: YO2MCK)					
*YO4BTB		972	24	9	18
*YO2OSV		728	30	7	19
*YO7DMX		525	18	10	15
*YO5PCY	28	12,462	89	19	48
*YO5KOP		10,089	77	17	42
*YO2IS		1,325	29	10	15
*YO2MKT		420	19	7	14
*YO3AIL	21	39,355	208	27	58
*YO3ZA		34,560	206	24	56
*YO5OWB		18,600	177	16	46
*YO3FOU		5,875	60	15	32
*YO4SI		4,840	44	17	27
*YO8KIS	14	3,813	72	10	31
*YO5OET		2,240	68	6	26
*YO9AGI		21,846	291	13	53
*YO7LBX		18,900	257	11	52
*YO3KPA		9,324	146	12	51
*YO3GW		195	13	3	12

Sardinia

Call	Cat	Score	QSOs	Z	C
IS0HQJ	A	151,905	555	63	142
IM0QMA	28	3,360	45	13	22
*IS0XDA	21	4,576	53	14	30
*IS0GRB	14	60,400	649	15	65
*IS0DFC		2,964	71	7	32

Scotland

Call	Cat	Score	QSOs	Z	C
GM5X	A	5,369,590	5048	134	456
(OP: GM4YXI)					
GM7OAW		5,292	73	18	45
GM2Y		2,133	37	13	14
GM2V	14	1,094,317	3439	36	125
(OP: GM3WOJ)					
*GM4JR	A	368,985	800	59	196
*GM4W		77,958	253	53	130
(OP: GM0NTL)					
*MM0SVK		36,750	214	28	97
*GM0BKC		30,510	193	31	82
*MM1X		26,640	248	24	66
*MM0DXH		25,839	223	19	80
*2M0LEW		7,434	102	14	49
*GM7TUD	21	104,363	466	29	90
*GM0AXY		12,960	109	16	44
*GM4O	14	99,958	718	25	81
(OP: GM0IIO)					
*MM0DRA	7	374	25	3	14

Serbia

Call	Cat	Score	QSOs	Z	C
YT3H	A	64,974	247	36	111
YT5T		198	6	5	4
YT7DQ		93,438	757	23	64
YU4ODW	14	125,139	1006	27	74
YT4A	3.7	4,758	53	9	50
*YT9M		684,864	1191	81	288
(OP: YU1PJ)					
*YU1KN		657,186	1155	93	286
*YU1AAV		110,556	439	41	125
*YU1CC		15,244	78	37	66
*YU7ONE		12,240	107	21	64
*YT2RX	28	16,632	118	17	49
*YT4T		8,428	71	15	43
*YU1MM		5,547	54	15	28
*YT1Q	21	96,921	390	31	90
*YU7KM	14	53,244	433	21	66
*YT2SMS		20,286	222	13	56
*YU5CW		12,685	161	12	47
*YT9C		54,184	480	20	84
*YU1AST	1.8	1,334	49	5	24
(OP: YU2EA)					

Shetland and Fair Isle

Call	Cat	Score	QSOs	Z	C
GZ5Y	A	168,702	497	51	135
(OP: GM4SSA)					

Sicily

Call	Cat	Score	QSOs	Z	C
IT9JOF	A	866,248	1473	82	246
IW9FI		95,709	395	56	127
IT9STX		41,554	240	24	55
IW9FRA		36,348	126	55	101
IT9BUN	28	64,216	429	22	70
IT9YVO	21	136,928	894	23	65
*IT9AJP		255,590	529	57	128
*IU9A		101,231	328	52	117
(OP: IT9SSI)					
*IT9LED		97,335	413	34	131
*IT9WTY		96,727	299	53	144
*IW9HLI		3,068	47	17	35
*IT9PQJ	28	73,831	363	24	77
*IT9ZVJ		25,500	183	24	61
*IT9IZY		6,162	89	10	41
*IR9Z		24,388	233	16	51
(OP: IT9VCE)					
*IT9AXQ		13,802	115	20	47
*IT9IMJ		4,429	67	14	39
*IT9YAO	14	23,184	352	14	49
*IT9JDH	3.7	21,373	281	7	60

Slovakia

Call	Cat	Score	QSOs	Z	C
OM3IAG	A	591,660	1283	86	256
OM3PA		574,379	1008	92	299
OM8KD		16,159	152	33	80
OM4J		16,110	98	37	77
(OP: OM7ANT)					
OM7PY	7	12,896	163	18	49
OM0WR	1.8	64,306	749	12	67
*OM8DD	A	205,020	554	55	200
*OM6AL		138,890	609	46	169
*OM5FA		42,000	328	23	97
*OM3KPV		36,096	315	24	72
(OP: OM7AJD)					
*OM7AG		26,019	156	38	109
*OM5NA		23,970	219	15	79
*OM3TLE		21,600	192	27	81
*OM7JM		17,444	183	17	72
*OM6ADR		13,287	120	27	76
*OM8AXU		2,870	90	9	32
*OM5NL	14	62,759	395	20	77
*OM3TB		12,906	210	12	42
*OM6TX	7	21,140	261	11	59

Slovenia

Call	Cat	Score	QSOs	Z	C
S51F	A	2,325,704	2481	119	417
S51FB		503,475	1340	46	101
S56B		94,691	428	41	138
S51ZZ		4,050	61	13	32
S53O	28	105,391	504	27	94
S57S		88,435	422	29	86
S53MM	21	833,796	2220	36	123
S56M		278,125	983	35	90
S51SL		157,341	604	36	96
S57AL	14	705,824	2250	35	120
(OP: S52X)					
S53S	7	386,570	1704	35	120
S57LR	3.7	95,795	1045	13	82
S53SL		38,000	524	10	60
*S57U	A	233,230	499	73	208
*S52OP		190,208	540	61	195
*S52BT		138,750	399	45	177
*S59N		100,897	543	43	120
*S54A		93,870	267	64	146
*S59MA		51,152	241	39	100
*S57NTR		31,020	152	37	104
*S58RU		16,131	298	7	50
*S51JS		9,454	164	11	47
*S51I		2,610	42	14	31
*S52WW	14	123,715	709	26	83
*S57NAW		18,200	130	21	44
*S57DX	7	319,667	1662	32	119
*S54W	3.7	94,100	888	18	82
*S57C		6,670	149	6	40
*S57WJ	1.8	4,370	116	4	34

Spain

Call	Cat	Score	QSOs	Z	C
EA1DR	A	3,345,741	3468	118	365
EA3CI	"	2,176,564	2506	111	383
EA5EV		628,125	921	90	285
EA7KW		624,588	1178	69	207
EA3AV		461,433	816	83	226
EA5ARC		282,540	535	74	203
EA3QU		106,000	361	66	160
EA1HV		101,752	322	53	131
EA5BWR		91,120	264	49	157
EA7HW		90,447	267	61	158
EA3CEC		62,656	169	62	144
EB1IC		47,385	196	50	85
EB2GMS		41,280	256	32	94
EA3AHZ		21,340	135	28	82
EA7HOJ		1,537	27	12	17
EE3Y	28	420	23	3	4
EA2IF		24	2	2	2
EE7D	21	344,442	1316	36	103
(OP: EC7DND)					
EA4EER		260,709	923	34	107
EA7HF		203,967	844	32	109
EA1EY		193,307	773	37	100
EA1OT		19,980	188	17	43
EA4AK	14	90,258	307	33	114
EA2VE		85,092	781	22	82
EA3BOX	7	226,746	1396	29	85
EA7ELY		71,730	476	22	68
EA5RU	1.8	21,939	311	11	60
EA1SA		10,647	164	9	54
EC7DX		792	33	4	18
*EA1BP	A	649,038	1045	78	240
*EA7HLU		564,949	1153	81	238
*EE7R		549,850	832	86	264
*EA5SR		535,506	980	71	222
*EA3AKA		468,405	1096	73	242
*EA4DAT		464,464	1203	71	201
*EA4FLY		176,680	356	69	203
*EA1JO		169,274	485	55	171
*EA2RW		155,376	391	65	184
*EA3NA		139,416	335	69	153
*EA3TA		127,488	420	47	145
*EA2JE		106,420	359	47	123
*EA4GV		99,990	378	43	155
*EA3AYQ		98,181	387	51	156
*EA4BQX		94,844	319	50	111
*EA3ODC		80,384	290	46	111
*EA3HIG		77,608	295	49	123
*EA3FCQ		60,494	219	43	106
*EC4CLR		60,204	276	39	135
*EA2DJL		56,628	168	46	111
*EA5FWW		50,553	217	36	101
*EA4BZ		48,650	199	39	86
*EC1AE		47,144	157	62	104
*EA5GXI		45,994	176	36	86
*EA7VJ		45,870	201	38	101
*EA3WX		45,580	221	28	78
*EA7HNN		41,134	218	34	90
*EB5CS		40,992	201	32	90
*EA2MH		35,640	165	35	85
*EA7HYL		30,500	192	19	71
*EB1EDT		30,367	177	23	82
*EA2AVM		22,440	152	21	70
*EA3TJ		21,947	126	23	68
*EA1GAR		21,917	129	28	71
*EA3ATO		21,488	159	22	70
*EA7CWA		21,090	111	27	78
*EA7DLX		16,632	140	22	62
*EA2DLX		14,706	121	26	60
*EA5HRM		12,995	81	46	69
*EA5HIH		12,551	96	25	52
*EA4FJJ		12,150	111	27	54
*EA1SB		11,304	66	27	45
*EA7MT		9,240	71	26	40
*EA4GB		8,190	93	21	24
*EA5HEU		8,008	71	19	37
*EA1HVW		7,938	78	24	55
*EA2KK		7,600	66	30	50
*EA3HJC		7,524	88	20	46
*EA5GVZ		7,300	72	23	50
*EA3NT		5,610	38	26	29
*EA2TA		5,104	44	19	33
*EA1DFP		4,964	44	27	41
*EH2R		4,860	69	21	39
*EA1AQN		3,965	46	20	41
*EA5BGV		3,000	60	12	28
*EA/OE1TKW		2,814	43	13	29
*EC5AEI		1,802	29	10	24
*EA4JJ		1,188	35	10	26
*EA2AQS		888	19	12	12
*EA3FHP		832	29	7	19
*EA4ERJ		784	28	9	19
*EA4GE		391	23	8	15
*EE5T	28	19,344	159	18	44
(OP: EB5AL)					
*EA4UV		16,302	114	20	46
*EA1CCM		11,907	117	12	37
*AN1A		4,176	73	10	19
*EA1ASG		4,050	61	13	34
*EA7ISH	21	379,183	1566	33	100
*EA7GYU		96,444	563	30	84
*EA5EOR		91,080	404	28	82
*AM7C		64,640	321	24	77
(OP: EA7HMD)					
*EA4LU		58,984	272	27	74
*EA1VT		52,574	313	25	72
*AO7T		50,224	333	23	63
(OP: EA7KJ)					
*EA7IPP		47,310	269	25	70
*EA7IZJ		45,900	579	19	49
*EA5DD		42,840	226	22	63
*EA5HJO		41,915	288	19	64
*EA7FRX		20,016	134	18	54
*EC3PL		6,016	81	13	34
*EA1JJ	14	108,580	887	21	68
*AO1B		77,000	482	22	78
(OP: EA1YB)					
*EH1K		64,092	594	19	65
*EA7NA		35,154	260	17	64
*EA3AEL		28,897	351	14	57
*AO4Y		22,116	150	20	56
(OP: EA4YK)					
*EB1EVX		20,232	224	13	54
*EA7HGX		15,096	167	14	54
*EA3BCK		8,428	84	12	23
*AN4A		7,380	84	13	23
(OP: EA4CWN)					
*AN5TN		4,056	59	9	30
*EB3GIH		1,696	40	7	25
*EA1HSN		2,506	111	5	16
*EA1CQ	7	38,502	283	17	76
*EA2DNR		30,780	342	15	61
*EA7GSU		20,382	166	15	64
*AO3L		14,384	144	14	48
(OP: EA3LA)					
*EA1FCH		9,063	133	12	45
*EA5DIT		4,136	63	10	24
*EA4IS	3.7	30,212	244	16	75

Sweden

Call	Cat	Score	QSOs	Z	C
SJ2W	A	5,756,040	4835	139	451
(OP: SM2WMV)					
SM6BGG		963,680	1562	82	235
SM5Q		789,488	1013	98	326
SL0W		773,240	1195	88	272
(OP: SM0AJU)					
SM0DQE		598,425	1734	56	181
SM5DQE		336,336	947	66	205
SM3C		277,985	798	58	207
(OP: SM5CCT)					
SM8BSO		252,582	534	69	198
SM6FJY		202,470	579	56	199
SI3A		112,499	297	73	96
(OP: SM3LIV)					
SM5BMB		86,373	221	54	135
SB6A		80,676	416	28	80
SM6AHU		48,081	247	36	105
SD3A		48,069	196	47	100
SE2T		27,648	109	36	72
SF0X		22,110	114	38	72
SA6N	21	180	8	6	5
SM6V	14	84	10	4	8
SM0W	3.7	509,268	2391	32	116
*SE6Y	A	373,109	920	65	252
(OP: SM6DED)					
*7S5S		138,638	493	48	158
(OP: SM5CSS)					
*SJ7M		128,282	409	48	139
*SF3A		112,310	470	37	141
(OP: SM3CER)					
*SM6NOC		101,920	373	42	140
*SM3EAE		98,196	429	43	116
*SM5DXR		71,546	350	41	125
*SM7CQY		67,304	293	42	137
*SG0M		65,286	281	39	123
*SM0BDS		56,472	236	39	117
*SF0D		55,568	310	35	116
*SM4WKT		44,162	197	41	133
*SI5Y		40,894	216	34	108
*SM5ACQ		35,916	246	30	101
*SE0L		29,294	210	26	73
*SM0FM		24,931	124	32	77
*SA0E		20,367	128	26	71
*SM5ISM		17,776	106	34	78
*SL6A		16,480	142	21	77
*SA6AIN		15,876	150	24	60
*SM6TOL		14,518	120	22	58
*SA3ADT		11,040	129	22	70
*SM6CLO		10,890	78	24	42
*SM0HBV/3		8,961	118	20	67
(OP: SM0HBV/3)					

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*SM7ATL       "      7,560   102  16  54
*SM6MGZ       "      4,884    68  20  46
*SA6W         "      3,540    64  17  43
                        (OP: SM6PVB)
*SM5OSZ       "      2,838    43  18  25
*SM6HCX       "      2,646    63   8  34
*SM5ARL       "      2,430    27  14  16
*SA7J         "      2,294    67   9  28
                        (OP: SM7XGG)
*SA7AOI       "      2,166    25  19  19
*SA3BGM       "      2,058    50  12  30
 SE3K         "        391    20   9  14
                        (OP: SA3ARK)
*SM6XUZ       "        320    19   5  15
                        (OP: SM6XUZ)
*SM6Z         "          2     1   1   1
                        (OP: SM6BZE)
*SM4OY       28        288    12   4   8
*7S7V        21     92,701   353  34  85
                        (OP: SM7VZX)
*SA6BNX      14      3,870    68  11  34
*SM5LSM       7      3,045    80   6  29
*SM5MX      1.8      6,960   148   8  40

                 Switzerland
 HB9AUS       A    608,682   658 105 338
 HB9DDP      21     24,409   151  21  56
 HB9BTI       "     13,200   142  16  39
*HB9TOC       A    235,227   593  65 202
*HB9TSU       "     67,894   282  42 124
*HB9VIO       "     43,806   244  40 107
*HB9SVT       "     32,340   209  32 100
*HB9RJG       "     28,917   265  26  93
*HB9BGF       "      2,337    36  13  28
*HB9ARF      21     58,707   290  31  68
*HB9AWS       7     11,210   156  11  48

                   Ukraine
 US5D         A  3,112,246  3300 132 454
                        (OP: UT7DX)
 UY7MM        "  1,574,532  2457 108 370
 UV5U         "  1,487,017  1685 127 426
                        (OP: UX1UA)
 UX4U         "  1,268,036  1576 119 387
                        (OP: US7UX)
 UT6EE        "    516,132   849  89 265
 UZ5ZV        "    342,550   762  74 151
 UX5UO        "    223,262   392  78 199
 UR4EI        "    207,036   509  62 181
 UR4IXM       "    195,500   676  46 184
 UU4JC        "    113,400   266  60 150
 UR5MBA       "    101,490   353  45 134
 URØIQ        "     70,500   253  33 108
 US7IB        "     39,032   168  45  91
 UW2ZM        "     37,639   188  44  89
 UW5M         "     16,320   112  19  49
                        (OP: UT7MA)
 USØSY        "      3,612    97   7  36
 UUØA         "      1,064    29   9  19
                        (OP: UUØJX)
 UT4UB        "        990    22  11  22
 UR2P        21    128,714   445  34 105
 UR7QC        "     74,338   348  30  79
 US5UO        "     11,245    67  28  37
 UT4PZ        "      4,788    40  17  25
 UW2I        14    700,188  2594  38 128
                        (OP: UT2IJ)
 UT5KL        7     18,400   202  18  62
 UR5EAW     3.7     17,727   337   8  49
 UX1VT        "     17,629   256   8  53
 UY3AW        "      3,150    62   8  34
*EN7U         A    530,244   896  87 309
*UT3UZ        "    417,950   842  77 248
*UR5MM        "    320,960   640  72 244
*UR5ETN       "    313,626   716  71 242
*UT5JCE       "    282,150   692  62 213
*US2IW        "    269,225   555  69 206
*UX7MR        "    237,056   630  61 195
*UT5UQN       "    221,368   476  76 192
*UT4XU        "    208,495   500  64 195
*US7IVW       "    205,569   546  57 194
*US2IHS       "    190,216   509  56 192
*UX7U         "    158,232   496  53 175
                        (OP: UX7UA)
*US7IID       "    154,770   490  54 177
*US6CQ        "    148,240   461  51 167
*UT4TA        "    146,674   333  69 157
*US5ISV       "    132,704   399  49 183
*US6IQ        "    130,582   483  46 172
*UU6JJ        "    128,582   402  65 174
*UV5EEO       "    128,128   378  58 166
*UY5TE        "    117,900   506  35 145
*UT2AA        "    117,810   406  43 143
*UW7M         "    114,741   435  48 161
                        (OP: UR3MP)
*UR3IDD       "    105,840   420  37 143
*UY4F         "     74,586   274  43 143
                        (OP: UR5FEL)
*UR7HCX       "     71,890   394  35 123
*UR5WHT       "     71,736   335  39 129
*UT7UA        "     67,240   239  53 111
*UT1ML        "     56,168   282  35 101
*UX6IR        "     54,450   211  37 113
*UT5ERP       "     52,271   255  39 128
*UYØCA        "     51,590   257  39  95
*UT4MW        "     46,560   215  33  87
*UR5XMM       "     44,720   250  32  98
*US7IGN       "     43,344   221  35 109
*US2YW        "     41,160   194  43 104
*UR4QSG       "     29,631   194  27  92
*US7ILY       "     26,670   227  26 101
*UT3EK        "     22,736   130  34  82
*UY1HY        "     22,236   114  38  71
*UR3PGW       "     21,483   173  19  77
*UT5LX        "     20,503   199  24  77
*UX6IA        "     19,332   111  33  75
*UR5FNP       "     19,136   146  27  77
*UR7CT        "     17,204   125  21  65
*UT1UW        "     16,568    99  31  45
*UT4UEG       "     13,481   227  18  49
*UTØEZ        "     10,374    69  26  52
*UT3RN        "     10,318   131  14  48
*UT7MR        "      8,265   102  19  68
*UU4JQE       "      6,634    61  13  48
*US6IKF       "      6,336    99  13  42
*UR7AA        "      6,132    61  12  42
*US1UX        "      6,020    61  14  35
*UR5EFL       "      4,512    91   9  39
*US3ITA       "      1,974    44  15  23
*UR5PG        "      1,410    35   7  28
*UT8EU       28     16,409   179  17  44
*US7IA        "      7,820    99  12  34
*US5ZCW       "      7,238    79  15  32

*UW8SM        "      2,686    34  13  21
*UR5WHQ       "      2,336    27  12  20
*UR5IFX      21    157,596   760  33 105
*UR8QR        "     63,963   318  28  75
*UX5AA        "     27,368   129  27  61
*UR5IKN       "     17,181   150  24  57
*UT7NW        "     13,340   124  16  42
*UX5TQ        "     11,972   103  19  54
*UX6IB        "     11,904   119  17  45
*UT2UB        "     10,450   107  18  37
*UT4EN        "      9,240   113  14  30
*UR5EAF       "      4,753    80  16  33
*US1PM        "      2,135    42  10  25
*UT3EV       14    125,760   740  28  92
*UR5WHR       "     52,920   456  19  65
*US1PM        "     38,220   337  18  66
*US8IM        "     35,730   275  22  68
*US8IGL       "     29,756   251  19  67
*UT7I        21    117,215   685  24  95
*US8IM        "     47,190   367  25  85
*UR3IJI       "     41,385   344  21  72
*UR3IJI       "     24,648   260  16  62
*UR5ZLK       "        130     5   5   5
*UU2CW        "         72     9   2   2
*UT1AN      3.7     38,640   365  16  68
*UT5ECZ       "      9,918   140   9  49
*UX7NW        "      6,496    76   8  48
*US6IPD       "         42     3   3   3
*UR7TZ        "      8,096   199   6  38

                    Wales
 MW9W        28      2,412    40  14  22
                        (OP: G1VDP)
 GW4BLE     1.8     38,736   474  11  61
*GW8NBI       A     51,554   273  34 115
*GWØNPL       "     49,312   204  37  97
*MWØCVT       "     19,847   129  26  63
*MWØMWJ       "      6,708    90  12  40
*GW3YVC       "      3,404    58  13  33
*MWØOPS       "      1,558    37  12  26
*MW1LCR      28      6,952   114  13  31
*GWØGEI      14      7,952   119  10  46
*GW4EVX       7     24,920   317  12  58
*GW3R       1.8      6,942   188   5  34
                        (OP: GØDCK)

                   OCEANIA
                   Australia
 VK3TDX       A  1,435,790  1756  81 209
 VK4EMM       "  1,109,016  1390  98 194
 VK7GN        "    158,158   313  53 129
 VK3AVV       "    156,692   353  63 109
 VK4CAG       "    134,575   304  59 116
 VK4GH        "     36,418   120  53  78
 VK1MJ        "     17,982    90  31  50
 VK2WAY       "     12,388    64  31  45
 VK2ACC       "      9,729    57  33  36
 VK2ERP       "      9,447    71  24  43
 VK4QH        "      3,434    42  17  17
 VK4BUI      28     17,010   176  16  19
 VK3AVZ       "      1,550    24  11  14
 VK7AD        "      5,632    51  14  30
 VK5JDS       "          6     1   1   1
 VK8AA        7    215,280   747  30  87
                        (OP: VK1AAF)
 VK2KJJ       "        120     5   3   2
*VK4ATH       A    135,315   326  63 102
*VK2HBG       "    124,016   267  67 117
*VK2HBG       "     40,290   162  46  56
*VK6HAD       "     23,562   113  42  60
*VK4XES       "     21,924   149  27  51
*VK4FDX       "     20,790   111  32  45
*VK4TU        "     17,010    81  29  52
*VK3NRW       "     15,576    99  28  39
*VK4QC        "     12,172    80  29  39
*VK2PDX       "     10,797    73  24  35
*VK4VDX       "      9,804    81  23  34
*VK5MWH       "      6,270    51  24  31
*VK2NR        "      6,000    53  23  27
*VK2IO        "      4,752    37  20  28
*VK2GR        "      3,168    44  18  18
*VK6GR        "        320    11   7   9
*VK4FJ       21    102,432   417  25  63
*VK3VTH       7      9,159    80  18  25
 VK1SV        "        110     9   5   6

                   Brunei
*V85ZX       14      4,779    90  11  16

                   Guam
 WH2D         A    809,116  1191  92 167
                        (OP: K3UOC)
 KG6DX       28    170,829   753  26  55
 WH2X        21    354,640  1273  32  72

                   Hawaii
 KH6OA        "      6,768    58  25  23
 KH7Y        21  1,259,180  3112  37 108
 WH7Z         "    822,666  2726  36  70
                        (OP: WØCN)
 KH7Q        14    876,269  2063  35 114
 KH7X       3.7    306,660  1152  33  62
                        (OP: KH6ND)
 KH6QJ        "      6,720    75  16  24
 KH7U       1.8      5,548   104   9  10
*KH7T         "    148,261   372  75  98
*KH6CO        "     58,032   204  53  64
                        (OP: KH6DO)
*AH7G         "     31,140   205  24  36
*AH6KW        "     20,670   110  38  40
*NH7PE        "      2,900    38  12  17

                  Indonesia
 YB1AR        A    822,096  1020 101 245
 YB4IR        "    548,913   889  70 159
 YB7BAE       "     23,600   120  19  40
 YC9CBC       "      5,405    61  14  27
 YC1PEI       "      5,405    61  14  27
 YCØNSI      28     13,384   127  19  37

 YC1LA       21    134,539   712  25  72
 YD1JZ        7     23,430   137  22  44
*YB8FL        A    148,390   448  55  87
*YB3IZK       "    118,125   292  59 116
*YB1UUN       "     82,689   245  45  84
*YC2NOD       "     23,463    87  38  61
*YC9DEB       "     16,002    98  22  41
*YCØIEM       "      6,090    42  23  35
*YD1TNK       "         28     3   2   2
*YBØCOU      28      3,655    32  14  29
*YB8EL       21    108,000   417  29  71
*YB5OUB       "     64,220   318  23  53
*YC9AOS       "     31,737   180  23  48
*YC1BRS       "     17,640   117  19  41
*YF8RIM       "      5,412    54  16  28
*YB1BGI      14     26,973   138  24  57
*YC2LEV       "     16,592   127  22  46
*YG1CRR       "      1,035    21  10  13

                 Micronesia
 V63CJB       A  1,037,523  1756  61 152
                        (OP: JJ2CJB)

                 New Zealand
 ZL4NR        A     71,980   221  40  78
 ZL2UO        "     47,616   146  49  75
 ZL3NB        "     42,180   152  40  74
 ZL1AIX      21    146,536   511  34  79
 ZL2KBR      14     38,804   158  25  64
*ZL1AAO       7     72,558   217  56  83
                        (OP: JM1CAX)
*ZL2MM        "     53,382   175  45  78
*ZL4NX        "     17,538    92  26  48
*ZL3DXT       "     17,010   109  24  39

                    Palau
 T88DL        A    307,008   800  61  95
                        (OP: DL2OBO)
 T88OM       21    159,740   612  29  69
                        (OP: JA1FMZ)

                 Philippines
 DU9RG        A  2,292,764  2229 109 273
 DU1JI        "     77,520   494  23  37
 DV9XO        "    119,626   569  31  55
*DV1JM        "    455,490   796  80 130
*DU1UBY       "     40,180   131  30  39
*DU1ACV       "     10,602    89  23  34
*DU1VHY       "      9,280    79  25  39
*DU1LC       14     42,120   285  19  41
*DU7HF        7      8,775    80  17  28

                SOUTH AMERICA
                  Antarctica
 R1ANP        A     47,502   186  36  51

                  Argentina
 LT1F         A  5,585,142  4199 134 340
                        (OP: LU1FAM)
 LU8MB        "    219,268   438  66 125
 LW3DC        "    176,694   468  60  87
 LW9DHR       "     21,750   193  16  34
 LU1HF        "    941,829  2302  34  95
 LV5V        21    843,752  2409  26  96
                        (OP: LU5VV)
 LS6VI        7      2,871    47  12  21
                        (OP: LU6VOQ)
 L46V       3.7     37,072   252  20  36
 LU2DKT     1.8      3,234    73  11  13
                        (OP: LU6QO)
*LW6DG        A  1,526,439  2120  79 188
*LU1MSD       "    282,924   662  68 106
*LU5CAB       "    185,331   508  63 110
*LU1VZ        "    151,392   439  64 102
                        (OP: LU9VEA)
*LW1HR        "    124,280   454  50  80
*LU2VC        "     69,215   281  47  80
*LW4EF        "     49,910   245  47  68
*LU8DY        "     31,395   182  25  44
*LR1A         "     24,200   144  42  58
                        (OP: LU1AS)
*LU1MPK       "     24,108   274  18  24
*LU6DRN       "     18,912   120  36  60
*LU1QAH       "     17,340   147  23  61
*LU7MTC       "     16,268   154  40  58
*LU6FC        "     12,544   115  29  35
*LU6KA        "      2,665    49  19  22
*LU9EY        "      2,350    42  15  25
*LU/JH4RHF    "         80     7   5   3
                        (OP: JH4RHF)
*LU6FOV      28    270,000   971  27  73
*LW7HT        "    157,102   762  23  51
*LU9DPM       "     80,454   474  20  34
*LW6DAK       "     37,233   247  20  43
*LTØD         "     28,482   241  17  30
                        (OP: LU6DU)
*LU6EVD       "     16,769   184  14  39
*LU6FHO       "     16,150   220  17  33
*LU1EXR       "     14,160   166  17  31
*LU5UBI       "      5,928    98  12  14
*LU7FPA       "      4,368    94  11  22
*L73DX        "      4,144    56  15  22
*LU7OD        "      3,498    49  14  16
                        (OP: LW1DRH)
*LU7ADR       "      2,150    50  11  14
*LW7DUC      21    200,790   857  25  65
*LU5MT        "     55,385   250  21  34
*LU7DSU       "     21,120    95  23  57
*LR1H        14    165,834   632  31  80
                        (OP: LU2HOD)
*LW9ETQ       "      9,256   151  12  14

 PV8ABC       "     20,384   173  17  39
 PU2SGL       "        688    50   7   9
 PU3AGF       "        264    16   7   6
 PU2YMH       "        187    16   5   6
 ZX5J        21  2,301,308  4414  37 151
                        (OP: PP5JR)
 PR2B        14    978,558  2181  36 125
                        (OP: PY2LSM)
 PR7AE        7      6,579    65  13  24
 PR7AP        "      6,651   118   9  12
 PV8DX      1.8      2,783    47   8  15
*PY9MM        "    358,992   690  62 154
*PY2MR        "     51,183   187  48  73
*PY3APY       "     47,382   201  43  63
*PV8AX        "     34,707   228  25  44
*PY2TKB       "     33,800   238  39  65
*PY3OZ        "     20,803   133  28  43
*PP5EJ        "     20,748   124  36  55
*PY1CD        "     18,860   232  16  30
*PY2ASS       "     12,078   149  30  36
                        (OP: PY2AXH)
*PY1GQ        "     11,457   112  33  41
*PY2MPG       "     11,058    80  22  52
*PY3DJB       "     10,944    73  35  41
*PY1CX        "      9,216   101  23  41
*PY1DO        "      8,517    95  24  27
*PY3TIO       "      7,410    72  26  31
*PV8AZ        "      6,820    75  28  34
*PY2SEI       "      5,450    52  19  31
*PY3FBI       "      5,282    80  19  19
*PV8AAS       "      4,002    55  25  33
*PV8RF        "      3,984    39  19  29
*PY1PDF       "      3,872    74  21  23
*PY2DU        "      1,518    24  11  12
*PP5NS        "        380    16  10   9
*PY3KIM       "        220    15   6   5
*PU2LCN      28    263,280   836  29  91
*PU1MMZ       "     81,600   445  26  56
*PU2SDX       "     56,865   285  25  60
*PU2TRX       "     12,238   122  21  37
*PU3KNG       "     10,750   103  19  24
*PU1KTZ       "      7,359   107  14  24
*PY2DYO       "      6,732    77  17  27
*PU5AAD       "      5,715    63  18  27
*PU8TLS       "      2,059    66  12  17
*PU2UJG       "      1,440    51  10  11
*PU2TIB       "        918    38   8  10
*PU3KNP       "        345    20   8   7
*PU8TNT       "        208    17   6   7
*ZV2C        21    687,401  1771  32 111
                        (OP: PY2CX)
*PY2BRA       "    200,016   688  23  61
*PY3OPP       "    184,419   734  26  67
*PY1PL        "     15,364   147  12  34
*PY2KPY       "     14,110   188  13  21
*PV8DR        "      7,544   190  10  22
*PY1RY        "      7,035    84  13  22
*PR7LV        "      2,278    57  12  22
*PY5JO        "        570    14   8  11
*PY4PW        "        204    12   4   8
*PR7AYE       "         36     5   3   3
*PY1TR        "         30     7   2   3
*PY2NY       14      4,662    50  17  29
*PP7LL        "      1,479    31  14  15
*PS8ET        "      3,876    45  14  43
*PV8IG        "        168     7   5   7
*PU1WJH     3.7         12     2   2   1

                    Chile
*CE4WW        A    454,690   962  78 127
                        (OP: CE4UJU)
*CE2WZ        "    223,310   545  59 104
*CE3DNP      28    149,404   684  24  58
*XR5N         "    110,504   598  23  53
                        (OP: CE5WQO)
*CE7BIY       "      7,476    74  16  26
*CE3SNA       "          4     2   2   2
*CE1UGE       A     79,292   364  26  60

                   Colombia
 HK3JJH/1    28    222,778  1439  21  37
 HK1R         "  1,071,732  3088  33 101
 HK1X        14  1,591,948  3553  35 129
 HK1T         "  1,189,650  2700  34 120
 HK1W       3.7    197,718   776  19  74
*HK6P         A  1,791,336  1783 104 300
*HK3Q         "     50,350   218  37  63
*HK8EA        "     29,367   159  39  78
*HK6R         "      3,120    81  13  26
*HK1J         "    215,460   936  25  70

                   Ecuador
*HC5VF        A    383,616   673  78 144
*HC2GT        "     50,232   408  18  54
*HC1JQ        "    665,457  1567  35 116

                French Guiana
 FY5KE        A 10,372,524  6434 135 429
                        (OP: FY5FY)

               Galapagos Islands
 HC8A        21  3,565,674  6571  38 151
                        (OP: N6KT)

                   Guyana
 8R1K         A    271,188   973  25  83

                  Paraguay
 ZP5CGL      21    181,920   732  24  72
*ZP5RPO      14     48,977   313  21  46

                    Peru
 OA4SS        A  1,716,792  2121 102 206

                South Shetland
*DT8A        14    101,374   447  27  64
                        (OP: DS4NMJ)

                   Uruguay
 CX3AL       28    400,384  1153  30  74
 CX4DX        "    353,880  1099  29  75
 CX2DK       21    368,648  1174  28  76
 CX4BW        "    331,446  1089  23  64
*CX2ABP       A     21,805   191  24  25
*CW3D         "    315,675  1220  28  87
                        (OP: CX4CR)
*CX5AZ        "     92,631   472  22  55

                  Venezuela
 4M6CQ        A     92,329   279  41  86
 YV6BFE       "     55,610   385  22  46
                        (OP: YV6BXN)
 YV5NEA      14     54,648   203  26  79

 YW4D         7    545,748  1333  34 112
                        (OP: YV1DIG)
 YW4V         "     51,756   168  26  88
                        (OP: YV4DYJ)
 YY5COR       "      3,828    55  13  22
 YY5MSG     3.7    136,725   645  19  56
 YV5AM        "     73,640   396  13  51
*YV5LMW       A     96,993   314  42  75
*YV5APA       "      1,612    32  12  19
*4M1F        21    269,757  1014  24  79
                        (OP: YV1JGT)
*YV5ER       14     82,890   339  23  67
*YV7/UY5ZZ    "     74,814   403  22  52
                        (OP: UY5ZZ)
*YV5IAL       "      1,386    42  10  12

                     QRP
 KR2Q         "    594,943   695  78 233
 RX1CQ        "    594,408  1042  81 280
 DM2DX        "    411,740   695  82 264
 JR4DAH       "    367,821   640  81 158
 NP2Q         "    342,225  1008  64 105
 KA1LMR       "    336,954   507  70 129
 DL4VCG       "    325,435   656  73 232
 EA3FF        "    250,230   526  72 213
 NØKE         "    240,277   404  85 156
 K8ZT         "    205,942   347  69 173
 SP2DNI       "    166,124   547  53 185
 NN7SS        "    160,769   309  70 123
                        (OP: K6UFO)
 EA1GT        "    153,722   488  47 155
 RD3AJB       "    135,924   438  56 185
 RN4HAB       "    133,056   474  40 158
 UT5UUV       "    133,008   498  41 163
 EA1TI        "    127,102   366  52 154
 9A1CHP       "    118,810   411  55 163
                        (OP: 9A3BIM)
 N1TM         "    117,997   252  53 134
 W6QU         "    117,694   266  61 105
                        (OP: W8QZA)
 US2IZ        "    103,776   400  42 142
 YO4AAC       "     98,272   399  44 122
 LZ7H         "     95,460   399  39 133
                        (OP: LZ2UK)
 JA2MWV       "     85,104   246  56  88
 IZ1ANK       "     82,256   493  48 164
 NT4TS        "     82,160   217  51 107
 F5DRD        "     77,440   325  44 132
 UX8ZA        "     69,048   338  41 127
 9A9L         "     68,530   216  51 103
 IZ8EWD       "     63,756   253  41 113
 G3UFY        "     61,451   262  36 127
 US5IND       "     58,188   259  36 133
 EA8IK        "     55,902   188  39  82
 IK3XTY       "     52,070   260  35  92
 UX2MF        "     49,984   171  41 135
 SO1D         "     41,664   223  31  91
                        (OP: SP1JPQ)
 PE2KP        "     39,390   273  28 102
 KT8K         "     38,695   137  37  72
 EA3GI        "     37,944   180  32  70
 YL3FO        "     37,204   218  31 100
 PY2BN        "     36,360   178  44  57
 W2MPT        "     33,966   133  35  76
 BA4WI        "     33,708   194  42  64
 KC5WA        "     33,252   140  43  59
 EI4II        "     33,136   227  24  85
 CT1ELF       "     28,476   160  35  91
 RX3DIS       "     27,472   215  22  79
 YL3G         "     26,967   225  24  77
 SQ3OGP       "     20,800   181  26  74
 PC2F         "     18,231   144  26  77
 OK1XOE       "     13,114   115  24  59
 KIØG/5       "     12,936    79  33  44
 7K1CPT       "     11,907    87  27  36
 NM2L/4       "     11,330    80  24  74
 G6CSY        "     11,200    62  24  26
 VA3RKM       "     10,184    77  28  39
 N3XRV        "      9,425    61  23  42
 N6LB/7       "      8,875   135  14  29
 2EØBFJ       "      6,615   106  16  45
 RV3A         "      6,208    62  18  45
 PAØRBO       "      6,132    79  24  33
 ON3EA        "      4,720    74  16  43
 UA3TW        "      4,560    80   8  33
 YO5PVA       "      4,316    53  15  37
 USØYA        "      3,880    33  18  22
 DO4OD        "      3,552    71   9  34
 S9CUF        "      3,283    35  23  23
 DJ6FO        "      3,149    49   9  34
 LY5G         "      3,080    58  12  23
 JR2DAJ/2     "      2,160    43  11  19
 IN3UFW       "      2,068    42  14  32
 KIØOV        "      1,980    27  11  19
 SJ5E         "      1,892    39  18  26
                        (OP: SM5MEK)
 SO2D         "      1,800    37  13  27
 SP2MHC       "      1,326    29  12  22
 YO8DOH       "      1,204    23  11  17
 VA3WR        "      1,204    23  11  17
 PD2PC        "      1,044    41   7  22
 W2JEK        "        992    34   7  24
 2EØZJO       "        836    17   9  17
 JG1GPY       "        820    16   8  12
 UAØSBQ       "        816    13  11  13
 WA7LNW       "        741    18  10  11
 N7LR/5       "        504    24   4  14
 SP9DEM       "        468    16   9  18
 SE5X         "        468    19   8  11
 JK1TCV       "        468    10   9   9
 KK7VL        "        468    10   9   9
 DH4BM        "        132     7   5   7
 DN1NOS       "         46     6   3  10
 MIØRZA       "         18     2   1   7
 LU7VCH      28     38,123   233  20  47
 LU3HFA       "     21,505   163  20  39
 I5KAP        "     12,096    98  13  39
 HP1RIS       "      9,516   151  12  14
 W5GAI        "      6,480    64  19  26
 OK1DVM       "      4,128    48  13  14
 LU7YW        "      3,348    51  11  12
 PY4TC        "      1,840    40   9  14
                        (OP: PY2TI)
 YO2LEM       "      1,836    29  13  14
 DL2TM        "        946    24   9  15
 F4FEY        "        731    24   7  10
 WB8JUI       "        602    15   9  19
 HA6NL        "        182     9   5   8
 JH7RTQ       "    103,712   377  31  81
 NDØC         "     62,934   234  27  75
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ASSISTED NORTH AMERICA — CQ WW DX Contest Results (continued)

Column 1

Call	Cat	Score	Q	Z	C
R2AD	"	36,736	315	20	62
JH3DMQ	"	36,646	201	24	49
JR1NKN	"	29,232	179	25	47
UT6IS	"	22,242	187	20	46
YB2OK	"	17,816	102	26	42
F5ASD	"	14,946	134	17	30
SQ9AOR	"	10,100	100	19	31
ON3TO	"	9,800	112	16	40
DO8CW	"	9,648	108	16	32
WA6FGV	"	9,350	76	18	32
LA8WG	"	8,688	117	13	35
W1IG	"	8,000	60	15	35
7N4WPY	"	7,439	80	17	26
OK1XYZ	"	4,216	68	12	22
OZ6OM	"	4,200	48	17	25
JA1IWP	"	2,048	28	14	18
JF4CAD/3	"	1,625	28	10	15
IZ0CKO	"	1,440	38	8	16
BG9ATY	"	1,280	42	12	20
JA1KPF	"	1,206	29	7	11
JI3CJO	"	1,173	24	12	11
DJ3GE	"	459	16	7	10
OK1AIJ	"	435	19	7	8
JR0QUR	"	320	13	7	9
JR2EKD/2	"	255	11	7	8
N6HI/7	"	195	9	6	7
AB8FJ	"	56	5	4	3
BG6AHU	"	2	1	1	1
I0UZF	14	61,700	391	24	76
RU9UN	"	37,293	150	24	69
VA7IR	"	28,405	229	25	40
9A2EY	"	27,048	299	11	58
HA6IAM	"	26,001	233	18	63
SM6CRM	"	18,496	212	13	51
SP3DRM	"	15,568	220	10	46
9A8MM	"	15,080	178	12	53
UA1CEC	"	14,112	220	11	45
OR2F	"	14,040	187	10	56
(OP: ON8LDS)					
M/YO4RDW	"	13,629	204	12	47
CT1ESG	"	12,825	139	12	45
HA0GK	"	10,890	170	9	46
UT5UPN	"	8,316	117	12	42
SP8AWL	"	5,472	40	16	32
BD4HY	"	4,953	78	15	24
GW0VSW	"	4,440	114	6	31
SQ4O	"	4,264	82	10	31
RA9MU	"	4,247	56	8	23
E76EA	"	3,760	101	11	39
MØJBA	"	3,648	91	8	30
OM8JP	"	2,812	50	10	27
HS8JYX	"	1,826	35	7	15
IZ2QKG	"	1,824	48	6	20
W9BNO/Ø	"	1,034	21	10	12
UU7JF	"	589	27	6	11
BH7NLD	"	561	28	8	9
JA1POS	"	6	1	1	1
JK3AHS	"	6	1	1	1
S57SU	7	79,360	442	28	100
SP4GFG	"	31,275	342	15	60
ON3DI	"	20,276	250	11	63
CO6CBF	"	16,120	167	16	36
VK2DX	"	11,454	94	21	25
ES1WST	"	10,128	202	6	42
(OP: WS4T)					
CO8ZZ	"	9,911	77	12	41
SP5LM	"	8,094	104	13	43
CO6WYR	"	6,751	75	13	30
HA5BA	"	4,264	95	9	32
ZA/YT1CS	"	4,000	157	9	41
IZ1HGP	"	2,448	72	4	30
WB7OCV/2	"	1,782	30	10	17
VA3WPV	"	536	34	4	4
RAØSMS	"	196	15	7	7
SM6MIS	"	49	7	3	4
2EØVCC	"	35	5	2	5
SP2QOT	3.7	15,345	275	7	48
KH6LC	"	13,288	127	19	25
(OP: NH6V)					
RU3PE	"	7,222	147	8	38
K3TW/4	"	5,934	62	14	29
SQ8MFB	"	5,371	150	5	36
VE1SKY	"	3,971	112	7	12
SP2UUU	"	182	11	4	10
K7JCA	"	160	14	4	4
(OP: K7SS)					
ON5RZ	1.8	6,847	176	3	38
SP4GL	"	660	31	4	18
RA9UUK	"	49	6	4	3

ASSISTED NORTH AMERICA
United States

Call	Cat	Score	Q	Z	C
K1KI	A	2,684,695	1872	132	383
(OP: KM1P)					
N1DG	"	1,818,639	1138	134	445
N4BAA/1	"	1,745,562	1371	117	366
N1YX	"	1,246,152	1101	100	311
AA1V	"	1,229,272	926	111	360
W1BV	"	1,224,585	1085	105	318
KA2KON/1	"	1,152,328	931	108	305
KA1R	"	1,095,561	1089	89	290
W1EBI	"	1,016,469	884	103	320
WK1J	"	921,888	876	98	298
KK1W	"	645,808	690	86	276
W1ZT	"	512,140	630	76	214
K1JB	"	510,986	574	85	238
W1MAT	"	466,762	605	69	209
AA1QD	"	390,567	482	77	196
K1SND	"	373,237	559	64	187
W1BYH	"	363,120	427	90	195
K1TR	"	264,816	423	54	162
KT1B	"	260,160	349	69	202
AE1T	"	214,826	336	58	175
AD1L	"	204,972	312	52	170
K1RV	"	191,436	303	70	188
K1VV	"	180,930	350	46	139
W1RM	"	174,075	239	81	194
WV1M	"	166,559	313	48	133
W1NR	"	145,706	279	39	140
W1RPG	"	144,525	281	62	143
AD1DX	"	136,939	280	70	141
K1GQ	"	132,458	251	66	143
N1GLT	"	94,792	210	41	123
W1JR	"	84,840	164	78	132
KG1E	"	77,321	189	52	115
K1SD	"	77,250	204	41	109
NG1R	"	62,115	210	31	92
W1ZS	"	56,515	158	33	94
N1IW	"	52,334	150	44	93
NI1L	"	26,334	102	33	66
KK1L	"	22,320	100	30	72
WB1DXD	21	79,501	258	25	82

Column 2

Call	Cat	Score	Q	Z	C
K1IM	14	343,640	899	34	108
K6ND/1	3.7	98,832	338	26	90
*KS1J	A	1,041,100	1021	84	275
*K2TC/1	"	1,030,000	933	94	306
*W1KT	"	646,235	571	101	320
*N1API	"	477,102	656	62	200
*K1LD	"	383,070	421	84	255
*W1CTN	"	372,465	510	77	202
*W1DX	"	336,770	498	68	170
*NF1O	"	249,830	323	79	222
*K1EV	"	240,816	401	65	167
*W1AIR	"	148,417	291	53	140
*W1MSW	"	122,018	290	45	124
*NE1F	"	113,096	200	61	150
*K2RS/1	"	109,385	246	46	121
*W2YE/4	"	61,976	183	37	90
*KK1X	"	36,652	112	38	81
*K1SUB	"	31,825	121	28	67
*AA1AR	"	31,734	105	47	76
*W1TO	"	26,315	98	24	71
*N1HTS	"	22,072	97	26	63
*AK1Q	"	7,280	55	24	41
*KB1SUN	"	2,860	27	19	25
N2MM	A	2,466,828	1766	127	419
W1GD/2	"	2,220,807	1413	136	434
W2IRT	"	2,020,200	1318	126	429
W2RD	"	1,629,824	1082	108	406
M1BM/2	"	1,156,270	974	100	330
N2WK	"	1,010,230	756	119	375
AB3CX/2	"	1,008,435	927	94	301
W2YR	"	978,360	793	116	349
KF2O	"	876,322	629	127	394
W2LE	"	618,268	731	85	226
N2SQW	"	614,054	707	77	245
K2EP	"	613,647	599	96	273
K2ONP	"	573,699	612	92	265
W6XR/2	"	504,828	500	99	285
K2XF	"	466,872	598	74	220
W2NY	"	461,076	547	79	229
WA3AFS/2	"	369,052	399	100	259
K2KQ	"	335,610	379	87	243
K2KW	"	247,679	374	53	180
N1EU/2	"	219,504	309	70	199
W2NO	"	174,470	299	63	176
KC2NB	"	171,891	313	52	161
WK2H	"	149,220	301	46	134
K2QMF	"	144,980	259	63	157
K2BX	"	143,934	323	39	122
AB2DE	"	123,008	202	69	115
WA2ETU	"	117,486	207	72	142
K2QPN	"	107,712	221	57	137
W2GDJ	"	102,336	199	50	142
KC2LST	"	100,386	227	43	126
W2RZS	"	42,210	144	25	80
K2GN	"	24,486	96	36	70
WF2B	"	21,812	30	15	22
NP3D/2	"	6	1	1	1
N2OO	21	31,570	148	24	58
WR2G	14	150,348	417	29	105
K2SSS	7	81,549	327	30	93
*N2FF	"	406,098	516	76	217
*K2DBK	"	96,330	218	61	134
*AD2AM	"	83,130	211	51	112
*KC2OBN	"	62,928	206	42	107
*K2SI	"	59,906	160	51	103
*K2DSL	"	48,236	148	41	83
*WB2OQQ	"	28,036	121	22	64
*KJ4IC/2	"	22,448	98	23	64
K3WW	A	3,933,024	2280	147	489
AA3B	"	3,257,263	1998	133	454
K3PP	"	2,163,216	1412	138	423
W3LL	"	2,045,748	1643	118	335
N3AD	"	1,923,768	1468	120	384
N1WR/3	"	1,729,664	1313	118	361
K3MD	"	1,653,372	1418	122	364
W3GM	"	1,399,024	1028	123	341
(OP: K3ND)					
WN3R	"	1,319,383	993	121	360
N3ZA	"	1,266,900	945	113	379
W3EKT	"	935,698	877	96	302
W3KL	"	893,835	798	115	290
K3IPK	"	845,152	783	98	294
K3OO	"	763,776	606	116	352
W3OU	"	694,414	455	107	289
KB3Z	"	677,469	686	93	284
WØBR/3	"	588,336	560	112	296
N3MX	"	569,742	610	99	254
W3EA	"	486,040	619	77	213
K3FT	"	413,275	561	77	228
N3AM	"	295,467	424	61	170
N3TR	"	290,151	400	93	216
K3ATO	"	279,588	428	50	196
W3GK	"	243,360	372	63	177
K3SV	"	227,715	347	63	187
NA3M	"	221,000	325	69	191
N3NA	"	172,704	255	63	139
NW3H	"	125,685	263	50	139
KD3NB	"	118,776	230	52	144
KQ3F	"	102,934	186	60	154
NN3RP	"	90,985	232	47	98
W3WC	"	87,870	207	53	121
W9GE/3	"	66,308	183	41	96
N3NRJ/3	"	59,985	151	42	113
N3IVX	"	37,142	148	25	73
K3PG	"	33,269	119	28	75
N3NR	"	25,755	108	28	72
K3QOO	"	20,824	100	29	56
K3GMT	"	13,200	71	33	55
W2XO/3	"	5,217	54	16	31
K3QX	"	2,553	31	13	24
K3PH	"	144	6	6	6
W3FW	14	221,700	606	35	115
N3IQ	3.7	66,267	294	28	83
(OP: ND3F)					
*W3KB	"	742,260	758	85	271
*K3NM	"	509,351	467	93	304
*NK3Y	"	367,188	597	54	168
*N3ALN	"	222,780	375	68	169
*K3AU	"	129,626	267	57	140
*W4EE/3	"	40,698	142	45	81
*N1SZ/3	"	23,115	82	41	74
*WA3V	"	19,594	98	30	67
*W3AG	"	11,880	65	27	45
*AB3GY	"	6,438	41	22	24

Column 3

Call	Cat	Score	Q	Z	C
AD4EB	"	1,448,241	1226	108	345
W3GQ/4	"	1,414,272	1118	119	345
W3OA/4	"	1,398,400	1118	119	341
N4KG	"	1,131,928	887	123	353
K5EK/4	"	1,127,742	909	122	340
N4PQX	"	1,112,055	834	123	362
N3MK/4	"	1,084,272	891	112	349
N4ZZ	"	1,057,374	1066	89	277
W4NF	"	1,007,247	868	111	320
N4DJ	"	801,192	750	101	298
K3IE/4	"	792,800	741	98	302
N4RA	"	710,232	675	109	291
W4JAM	"	610,228	601	101	272
WØPV/4	"	595,701	617	89	259
W2YE/4	"	592,253	623	90	259
K4DXA	"	547,345	603	87	245
KG4W	"	418,992	484	93	243
NC4MI	"	310,521	465	72	195
K3KO/4	"	294,532	351	80	234
AA4NC	"	285,516	358	89	219
KR4F	"	266,970	314	97	233
N4CW	"	251,520	289	80	240
N4DWK	"	245,644	320	77	206
W4VIC	"	219,492	358	59	175
K4KR	"	212,212	296	76	210
W4JVN	"	212,004	335	72	162
NO9E/4	"	209,000	331	79	171
N4LV	"	192,955	333	68	167
W4ROA	"	139,578	200	73	185
W4PHS	"	132,255	335	64	151
NW4V	"	131,733	302	44	109
AK4I	"	124,320	267	56	129
W4CU	"	112,723	260	54	115
N4TB	"	102,588	242	49	117
K4EDI	"	99,750	213	68	142
K2SD/4	"	98,379	246	47	106
AJ3G/4	"	96,292	235	51	118
N4VV	"	90,480	198	56	118
N4JOW	"	70,994	179	50	104
NV4A	"	65,376	167	41	103
K2SX/4	"	55,320	172	33	87
K1ZW/4	"	54,442	127	54	113
W4AS	"	48,450	136	48	102
N4DXI	"	46,764	162	30	78
N3FP/4	"	41,514	138	33	93
W4OV	"	34,020	129	35	93
N4NM	"	34,020	129	35	93
W4GHD	"	29,234	115	35	59
W4AEJ	"	27,104	88	45	76
KI4VCT	"	22,724	103	32	60
KD4K	"	17,766	83	34	60
NY4I	"	16,684	80	13	55
N4UC	"	11,857	67	24	47
WA2BCK/4	"	9,450	54	28	42
KD4FMW	"	9,240	62	24	36
K8YC/4	"	7,280	43	28	42
W4ATL	"	7,089	52	16	35
NF4L	"	702	11	5	13
AD4Q	"	551	14	9	10
N4BP	28	31,130	219	17	38
N4NW	"	4,968	66	7	24
N4PN	21	438,312	974	34	134
KF4VTT	"	211,431	518	31	118
W4CU	"	67,266	223	30	81
K4JPD	"	145,124	438	35	107
K4KZZ	"	65,010	236	28	82
W3YY/4	"	5,635	39	15	24
KD2JA/4	"	3,120	34	15	25
K4LY	A	1,385,268	1081	123	359
*KT4ZB	"	958,265	921	95	290
*W4PFM	"	259,478	391	78	196
*W4UJ	"	191,648	346	58	154
(OP: W4AMS)					
*WI4T	"	126,378	265	49	128
*NV4B	"	95,589	211	60	111
*W3ZL/4	"	94,920	224	48	100
*W4CU	"	69,212	181	44	99
*K4OMG	"	59,000	180	44	91
*N4IL	"	35,960	138	48	79
*W4WNT	"	33,210	115	40	79
*KC4FWS	"	28,462	103	37	70
*W4KPG	"	20,296	95	30	56
*W4GKA	"	11,005	62	25	46
*AJ4SQ	"	9,362	52	28	46
*N4MIO	"	7,344	41	30	34
*W4STB	"	5,742	45	24	34
*N4BFR	"	4,640	50	15	25
*W4DKB	"	2,730	36	18	24
*N3UA/4	28	16,330	129	13	33
*K4HHK	"	3,227	59	12	19
*WA1FCN/4	21	195,804	491	32	115
*W9DHD/4	"	21,280	100	23	57
*N4KQD	"	903	19	7	14
N5JR	A	1,017,900	833	112	338
W5GN	"	807,645	879	91	254
W3TZ/5	"	203,742	366	69	162
K5WBM	"	130,340	209	70	175
N5BG	"	20,558	90	43	64
W5OV	"	17,181	86	34	63
AA5AU	"	11,534	56	35	48
W5ZO	28	1,008	23	7	11
NX5M	21	540,204	1246	35	142
N5ZK	"	282,653	737	32	117
N5JB	"	57,232	206	30	82
W5JSJ	14	936	11	11	15
WD5R	"	16,836	99	21	43
*N1CC/5	"	164,020	304	73	163
*N5XJ	"	74,661	214	41	82
*NK5G	"	19,295	137	33	52
*W4JHC/5	"	6,678	49	20	37
*WA5WFE	"	49,162	187	25	69
*K5XA	14	19,880	109	14	57
N6QQ	A	1,216,586	993	125	344
K6TA	"	1,054,044	956	119	268
KF6A	"	958,438	956	114	268
KH6YR	"	913,440	3164	121	209
K9YC/6	"	875,534	910	115	315
N6PYI	"	478,500	528	100	239
CC6X	"	402,518	485	94	208
N2NS/6	"	321,640	403	83	200
N6AN	"	301,653	411	94	183
N6ND	"	297,140	341	109	223
N6IC	"	283,556	357	99	197

Column 4

Call	Cat	Score	Q	Z	C
W6DPD	"	129,940	261	54	124
K6ST	"	127,982	289	66	112
K6XT	"	55,808	171	42	86
N6XI	"	49,811	124	75	112
WE6Z	"	46,928	163	46	68
N6OPR	"	44,821	149	52	81
N6VH	"	35,814	140	46	48
KF6I	"	30,976	147	30	58
N6RK	"	29,116	94	45	71
W6SZG	"	26,442	96	43	70
NE6I	"	4,366	45	16	21
W6TQG	"	3,096	26	20	23
AI6Z	"	1,568	19	12	11
N6ML	21	197,136	518	34	110
W6SR	"	147,576	419	32	97
NK6A	"	52,866	218	27	62
W6RKC	"	26,720	135	25	43
K6OY	3.7	12,950	69	27	47
*N6WS	A	581,704	626	108	236
*K3FIV/6	"	144,824	319	68	104
*K6GEP	"	113,220	237	69	116
*W6KY	"	91,060	201	44	83
*N6YEU	"	69,088	201	44	83
*W4UAT/6	"	63,450	185	45	90
*K6AAB	"	58,561	165	63	84
*W6GMP	"	49,345	149	58	81
*N6EE	"	34,553	127	48	79
*WB6BET	"	16,146	96	35	43
*KD6WKY	"	13,923	90	42	49
*N1WC/6	"	8,316	55	41	43
*N6BHX	"	5,880	70	21	21
*AF6EV	"	3,234	29	21	21
*K6LE	"	2,769	29	19	24
*NQ6K	"	1,134	21	14	13
*KI6NUL	"	468	14	9	9
*ND6S	28	1,241	32	8	9
*W6AFA	21	221,615	658	31	96
*N6HE	"	11,924	109	19	25
*WV6E	7	9,975	80	23	34
K6LL/7	"	1,490,951	1197	120	344
K7WP	"	1,148,112	1000	114	288
KG7H	"	688,828	790	102	235
KN5H/7	"	645,909	596	116	289
K7UA	"	612,696	776	98	226
WU9B/7	"	476,520	547	98	232
K7ABV	"	314,783	487	72	161
WX7P	"	306,755	602	63	132
K6KR/7	"	256,737	412	72	155
AF7Z	"	235,750	395	77	153
K7EG	"	216,216	405	65	133
WD7K	"	186,308	448	72	116
NW7E	"	169,460	272	74	155
W7LB	"	153,225	263	81	146
K7VIT	"	143,206	288	68	125
N7RK	"	140,760	255	78	132
K7LV	"	112,132	247	66	128
NO7T	"	111,696	271	47	109
K7KR	"	111,156	244	66	111
W6SA/7	"	74,880	197	68	82
W6GX/7	"	62,883	187	47	74
W2VJN/7	"	59,160	155	51	94
W7SO	"	56,490	190	37	83
N7LF	"	54,125	182	40	85
KE7SW	"	53,200	173	48	73
K7VC	"	38,720	132	51	70
N1KEZ/7	"	28,625	113	53	72
K7MY	"	21,114	108	43	72
W7WHY	"	19,481	100	28	69
KE7YF	"	15,330	89	28	41
N7GTW	"	12,672	78	25	41
K7EY	"	10,720	66	27	40
K7EIQ	"	5,588	50	18	26
K7AWB	"	24	2	1	2
K7LY	"	7,488	101	15	21
N7DD	21	748,356	1602	36	141
W7ZR	"	260,984	635	36	116
W7UT	"	242,242	557	35	119
KY7M	"	219,928	566	35	116
KI7M	"	150,536	514	30	94
WA1PMA/7	"	34,887	150	24	63
AA7A	"	25,026	94	27	70
AF7DX	"	12,880	58	24	56
N6MA/7	14	24,921	141	26	45
N6SS/7	7	175,692	524	34	98
K9WZB/7	"	117,938	409	27	91
W7XI	"	53,448	218	30	72
*KC7DB	"	162,717	268	73	194
*N7FLT	"	78,144	200	47	101
*KE7XM	"	50,908	135	51	85
*KE7DX	"	46,812	196	32	65
*W7RV	"	48,034	148	61	85
*N7MBL	"	37,476	131	36	72
*WS7I	"	21,112	83	42	62
*W6NF/7	"	20,140	83	43	52
*AD7KG	"	14,136	72	29	47
*KE7LOQ	"	12,750	64	36	49
*K7GS	"	10,850	72	20	42
*KX7L	"	6,996	49	25	28
*AK7S	"	3,306	34	16	22
*W7ISG	28	3,536	57	11	15
N8TR	A	1,533,726	938	149	464
W8MJ	"	1,114,772	936	120	338
N8RF	"	533,370	611	90	255
W8RA	"	513,729	553	84	275
W8TE	"	473,670	514	93	249
N4TX/8	"	415,251	612	71	190
W9KB/8	"	248,412	393	72	162
N8LCU	"	211,564	365	59	168
W8KEN	"	201,825	346	62	163
N8MZ	"	182,778	297	72	147
N4ZR/8	"	169,605	284	67	148
N8HP	"	26,751	94	40	71
N8KOJ	"	14,136	71	24	48
N8AGU	"	2,618	28	15	23
K8TJM	"	575	17	12	13
W8CZN	14	430,646	967	33	113
N8BI	7	104,320	318	32	96
*AA8IA	"	60,306	183	45	93
*WO8USA	"	32,526	130	37	80
*K8GT	"	20,160	86	37	59
*W8IQ	21	11,220	79	20	46

Column 5

Call	Cat	Score	Q	Z	C
KA9FOX	"	7,986	48	23	43
N7MB/9	21	107,865	310	32	103
KK9V	"	33,672	139	19	73
W9HIX	14	41,208	157	26	75
W9JA	7	54,670	205	30	80
*K9OR	"	12,495	98	30	55
*K9AIH	"	10,010	71	32	42
*KC9IRQ	"	8,415	59	18	37
*AG3R/9	"	1,815	21	15	18
*N9TF	21	72,610	255	27	79
KØKX	A	2,837,562	1918	137	409
WAØMHJ	"	1,026,422	809	117	340
NØAT	"	830,093	790	102	289
WØBM	"	598,904	658	97	247
WWØAL	"	537,900	656	104	222
KØRC	"	510,720	562	95	241
KØIR	"	386,308	448	99	224
NCØO	"	299,756	416	76	198
NØRN	"	265,335	401	82	163
WØCEM	"	252,106	415	73	160
NØBK	"	222,534	347	62	172
NØODK	"	173,376	342	55	137
WBØN	"	113,300	233	67	139
KØARY	"	100,833	216	53	130
KNØR	"	90,450	168	58	143
NØKK	"	43,473	136	39	77
AAØAW	"	40,880	142	35	77
KEØL	"	25,365	107	30	59
K4IU/Ø	"	23,674	100	28	61
AAØA	"	18,525	78	34	61
KØPIR	"	4,704	38	18	30
N3PDT/Ø	"	3,450	33	22	24
KØRH	28	5,390	63	11	24
NØUU	21	129,150	319	34	116
NØHF	"	127,246	386	29	93
AI1P/Ø	"	3,570	41	17	22
KØKT	3.7	30,014	161	27	59
*NØHR	"	1,025,188	960	106	208
*AD1C/Ø	"	506,597	642	86	209
*WBØSOK	"	170,962	329	64	145
*WØHBH	"	110,732	329	65	138
*KØPC	"	103,950	232	42	123
*KØMPH	"	73,062	200	64	98
*W4ZW/Ø	"	70,875	219	66	99
*KØAD	"	68,172	196	39	99
*KØKP	"	49,044	160	37	85
*NXØI	"	5,136	43	18	30
*KCØDEB	"	2,232	28	17	19
*KFØIQ	21	240	7	5	7
*NRØL	"	4	1	1	1

Alaska

Call	Cat	Score	Q	Z	C
AL9A	A	1,046,349	1795	96	165

Canada

Call	Cat	Score	Q	Z	C
VE1OP	A	1,188,544	1326	94	285
VO2NS	"	617,176	508	63	143
VE1DX	21	259,616	765	28	105
*VA1TM	7	35,088	206	19	67
VC2A	A	989,120	1136	85	267
(OP: VA2WDQ)					
VA2AM	"	577,914	614	90	276
VE2DC	"	387,562	427	89	240
VA2EW	"	339,218	759	57	130
VE2NGH	"	247,744	299	88	228
*VE2XAA	"	1,492,553	1487	108	323
VE3UTT	A	3,258,063	2348	125	388
VE3MMQ	"	2,026,407	1579	112	375
VA3DX	"	232,080	355	79	161
VE3IQ	"	176,510	337	57	133
VE3IKT	"	124,344	311	20	22
VA3PL	21	273,920	783	28	100
*VE3CV	"	180,870	570	86	208
*VE3XAT	"	91,887	225	52	109
*VE3JSQ	"	9,240	61	12	28
*VE3XD	21	144,072	409	28	110
*VE3MGY	3.7	2,322	141	5	13
VE5DLM	"	11,880	103	21	39
VE6LB	A	252,568	478	85	156
VE6JY	14	1,040,704	2264	39	145
(OP: VE5MX)					
VA7FC	A	1,602,040	2243	109	222
VE7TK	"	143,547	290	60	117
VE7IO	"	37,070	138	44	66
VA7XA	"	18,088	109	24	44
*VA7BEC	7	308,470	665	78	140
VY1EI	A	527,945	1757	51	94

Cayman Islands

Call	Cat	Score	Q	Z	C
ZF2AH	A	2,956,470	4206	90	240
(OP: W6VNR)					

Grenada

Call	Cat	Score	Q	Z	C
J3/AA8LL	21	132,522	804	20	58
*J37K	28	13,088	216	14	18
(OP: AC8G)					

Mexico

Call	Cat	Score	Q	Z	C
4B1GZU	21	18,942	103	32	45
4B1EE	"	124,224	620	29	67
(OP: XE1EE)					
*XE1FZE	7	17,836	174	19	53

Puerto Rico

Call	Cat	Score	Q	Z	C
KP3Z	A	5,644,142	4473	150	424
(OP: NP4Z)					
*NP3O	21	2,005,521	2787	98	245
*NP3CW	"	2,088	32	9	15
*WP3C	"	977,977	2917	33	110
*NP4G	21	126,500	719	19	53

St. Kitts & Nevis

Call	Cat	Score	Q	Z	C
V47JA	A	180,264	504	60	108

St. Pierre & Miquelon

Call	Cat	Score	Q	Z	C
FP/KV1J	A	830,308	1484	68	183

Turks & Caicos

Call	Cat	Score	Q	Z	C
VP5I	A	1,136,883	3549	33	108
(OP: I8UZA)					

U.S. Virgin Islands

Call	Cat	Score	Q	Z	C
*KP2B	A	149,460	342	58	130
(OP: WP3A)					

AFRICA

African Italy
IG9S 14 1,223,320 2473 39 131 (OP: IZ8GCE)
IG9D 3.7 290,535 1016 17 88 (OP: IZ8TDP)

Canary Islands
EA8/DL6MHW A 1,944,153 2062 76 261
EC8AEM 367,026 549 61 188
EF8A 21 1,273,000 2965 34 118 (OP: EA8AUW)
*EA8AJC A 19,838 90 33 58
*EA8MT 28 276,906 744 27 106

Djibouti
J28RO A 411,522 692 54 160 (OP: F5IRO)

Gabon
TR8CA A 495,880 748 71 174

Nigeria
5N7M 28 302,380 862 26 104 (OP: OM3CGN)

Senegal
*6V7T A 1,704,024 2014 75 247 (OP: F5RAV)

South Africa
ZS2DL A 583,380 690 79 236
ZS5ZZ 42,700 158 36 64
ZS9Z 21 200,133 725 27 84

Tunisia
3V8BB A 1,146,092 1166 90 272 (OP: YT1AD)

ASIA

Asiatic Russia
UA9QCQ A 1,940,840 1657 103 337
R9WR 1,536,310 1828 78 257
RN9CM 1,295,424 1118 117 351
R8MC 1,219,392 1130 113 351
RK9AJZ 795,520 905 90 302
RA9AAA 666,162 828 76 230
UA9DC 640,460 749 81 229
RM9RZ 512,952 582 88 260
R8FR 489,155 570 89 272
R9WW 383,565 537 60 213
UA9CGL 349,531 521 85 214
UA9AGX 196,928 304 68 204
UA9OC 167,400 309 56 160
RW8W 161,304 380 47 141
RA9JBA 157,932 421 43 121
R8TR 150,842 296 53 146
RK8I 80,343 291 31 82
RM8W 52,932 174 42 90
RX9CAZ 30,030 127 28 63
UA9LBQ 528 15 11 13
UA9LP 480 11 9 11
UA9UR 28 65,736 433 18 48
RC9F 33,418 209 16 41
UI9I 14 631,630 1601 35 131 (OP: RM9I)
RK9DM 263,750 772 31 94
RK9YWE 164,992 510 32 96
RW9USA 7 1,028,340 2426 38 136
RK9AX 182,308 640 28 91
RU9CK 3.7 260,837 892 23 86
UA9MA 1.8 37,700 201 9 56
*RV9UP A 685,377 992 82 219
*RW9C 584,974 763 73 225
*RA9DZ 405,650 619 67 199
*RK9DC 221,184 471 48 144
*RA9CIN 89,490 250 42 115
*R9MC 83,681 236 51 106
*RA9MX 47,144 127 40 126
*RZ9WU 34,782 164 27 75
*RA9AMO 26,400 135 25 63
*RW9WW 13,040 70 26 55
*UA9OA 4,585 54 11 14
*RV9CP 21 220,610 714 29 101
*RA9UIV/9 138,572 562 23 75
*UA9CAX 56,357 247 23 74
*RA9UAG 31,416 225 19 49
*RA9UN 14,202 112 14 40
*RW9TP 14 74,648 238 32 92

RA0FU A 1,574,000 1967 129 271
UB0A 1,330,938 1509 105 273
UA0SR 620,416 1002 68 194
UA0SE 465,850 849 71 171
UA0AGI 28 46,680 339 18 42
RX0AW 393,084 1340 25 97
R0CY 276,410 918 35 96
RW0BG 7 44,954 210 25 66
*RA0AY A 162,560 408 45 115
*RZ0SB 54,466 207 32 61
*RA0ANO 8,733 56 29 42
*UA0OD 28 4,284 120 11 17
*RA0ACM 140,712 481 26 97
*RX0SA 41,328 198 23 59

Asiatic Turkey
*TA3CM A 32,640 32 10 22
*TA4ED 14 140,580 627 21 69
*TC4I 38,916 223 13 61

China
BA7IO A 214,872 616 60 108
BY3MM 185,442 818 66 120 (OP: BA3CE)
BD4CB 105,846 289 47 130
BG7CUF 3,560 37 14 26
BA4KP 21 136,188 792 26 71
BA4RF 233,376 881 36 96
*BD5BAJ 224,220 592 59 143
*BD4HF 215,736 597 68 134
*BD4SFE 51,250 197 45 80
*BD7MTJ 47,652 216 49 83
*BD2BT 11,270 69 24 46
*BH7PAZ 6,100 61 22 34
*BA7CK 21 79,734 463 25 72
*BD6AHP 23,450 160 18 49
*BD2RJ 8,112 87 14 30
*BD7IBN 1,176 40 9 12
*BD4CQ 14 5,256 101 14 20
*BD3RT 2 2 1 1

Cyprus
P3Z 21 541,120 1269 36 124 (OP: 5B4AFM)

Georgia
4L8A 14 1,101,488 2343 38 134

Hong Kong
VR2XLN A 821,058 1374 112 234

India
VU3DJQ 7 11,500 95 15 35

Israel
4X0A 21 810,805 1898 36 119 (OP: 4X1VF)
4X0W 14 939,840 2112 37 128 (OP: NT2X)
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Japan
JQ1BVI A 2,018,975 2006 137 278
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JK1OPL 405,476 503 113 221
JF1OPL 187,458 361 81 118
JS1KQQ 129,923 308 60 113
JH1OVY 41,184 138 39 78
JA1IZZ 34,102 113 51 67
JA1PTJ 28,244 113 43 69
JF1RYU 13,578 67 39 54
JH1QDB 2,574 37 12 14
JA1QGT 28 10,696 93 21 35
JN1NDY 376,887 1185 32 99
JE1LFX 209,088 723 31 77
JQ1NGT 81,224 382 24 64
JH1ACA 14 230,462 645 36 103
*JM1LRQ 248,235 413 91 156
*JA1IST 211,404 376 80 143
*JA1BJI 191,350 384 81 134
*7L1FFH 148,176 297 83 133
*JA1JQY 17,487 102 28 39
*7N2UQC 28 5,217 70 15 22
*JA1BPA 21 400,440 1100 36 105
*JR4MX/1 180,125 518 32 99
*JO1WKO 23,406 108 25 58

JA2IVK A 2,060,305 2242 125 252
JA2XCR 686,864 755 117 247
JH2FXK 419,917 549 94 195
JR2PMT 227,255 397 82 133
JG2REJ 70,176 198 49 87
JA2AXB 93,562 288 65 98
*JF2IZZ 91,609 221 60 101
*JG2KKG 14 270,413 700 37 106

JO3DDD A 1,242,344 1594 114 218
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JS3AC 189,476 380 71 131
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*JL3VUL/3 163,755 485 34 101
*JA3PYC 88,312 240 51 101

JO4CFV A 118,816 294 72 116
JM4WUZ 21 140,530 476 31 84

JA6BZI A 1,164,486 1107 125 296
JH6CDI 681,926 618 142 327
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JA7ZP A 291,765 424 102 163
JA7KY 768 15 12 12
JA7OWD 28 66,374 375 24 53
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*JA2VQC 21 45 9 4 5

JH8SLS A 213,066 302 92 175
JA8JMG 14 31,836 158 30 54

JF9JTS A 296,478 631 59 122
JR9GMS 10,582 51 34 40
JH9URT 7 42,504 204 28 56
*JH9JJD 21 12,862 97 17 42

JA0FVU A 1,159,872 1320 116 220
JH0INP 315,715 451 90 181
JH0NOS 7 37,499 208 26 51
JH0MHR 3.7 924 19 10 12
*JA0NFP 21 33,384 203 25 53
*JJ0NSL 22,572 138 22 44

Kampuchea
*XU7ACY A 444,542 994 77 149

Kazakhstan
UN7MMM A 1,762,611 1999 79 244
UN0L 1,050 23 12 18
UN0LE 336 9 7 9
UN4PG 21 53,898 312 21 57
UN8GV 498,617 1583 27 106
UN2E 220,288 701 29 99
UN7TO 120,239 577 24 65
UN9PQ 14 72,540 309 24 69
UP7A 7 313,560 1011 26 91 (OP: UN7AL)

Kyrgyzstan
*EX8LF 28 1,989 45 8 16
*EX7ML 14 110,688 530 22 74

Mongolia
JT5DX 7 977,618 2558 37 130 (OP: JT1CO)

Saudi Arabia
HZ1FS A 1,180,005 1440 63 222 (OP: DL2RMC)

South Korea
DS5DNO A 20,800 73 24 56
*DS5TOS 146,700 466 54 96
*HL1/W7VOA 14 1,917 46 11 16

Taiwan
BU2AU A 153,550 576 66 100

Thailand
*HS0ZCX 271,425 896 53 106

United Arab Emirates
A65BP A 1,605,720 1318 117 373
*A65CA A 445,968 554 113 229

Vietnam
XV1X A 262,143 806 62 127
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EUROPE

Aland Islands
OH0Z A 1,846,858 1775 123 443
OH0K 3.7 119,944 1208 18 76 (OP: OG7X)

Austria
OE4A A 5,371,993 3557 159 578 (OP: OE2VEL)
OE8Q 675,011 1018 90 241 (OP: OE8SKQ)
OE5UAL 28 20,661 133 18 53
OE/DJ6OI 7 28,644 349 13 64
OE2GEN 3.7 169,668 1477 17 91
OE9ICI 1.8 76,228 961 11 65
*OE5JSL 100,323 295 64 149
*OE5HSN 94,576 329 45 139

Belarus
EU1AZ A 1,238,890 1821 105 353
EV1R 979,488 1381 109 347
EW8DJ 286,810 767 60 230
EU3AR 1.8 102,720 356 43 149
*EW1P 1,050,740 1509 101 327
*EW7DK 329,805 688 76 239
*EW8NN 14 22,336 290 13 51

Belgium
OQ5M A 1,623,360 1806 109 371
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OR7W 3.7 47,806 501 12 70
ON4WW 1.8 43,050 537 11 64
*ON6LK 288,215 450 80 215
*ON4CAS 286,895 608 64 181
*ON4VDV 164,416 345 63 161
*OQ4B 21 171,000 480 37 113
*OP4A 7 17,220 134 14 60

Bosnia-Herzegovina
E71A 21 875,088 1821 39 138
*E74A 223,488 489 69 219
*E73M 14 869,568 2844 37 131

Bulgaria
LZ1BJ A 486,000 1128 75 225
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LZ1NG 28 35,217 216 25 66
LZ3CB 14 235,014 1391 32 106
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*LZ2DB 14 182 11 7 6
*LZ1DNY 7 1,392 32 8 21

Crete
SV9DJO A 886,977 1949 85 314
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Croatia
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9A2EU 102,672 219 72 135
9A4R 74,160 348 31 113
9A1MM 13,135 108 27 44
9A2U 28 71,760 322 26 88 (OP: 9A3ZA)
9A5MT 5,600 55 16 34
9A5Y 21 992,892 2220 39 155 (OP: 9A3LG)
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9A5D 467,625 1567 33 112 (OP: 9A3ID)
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*9A4MF 36,869 130 54 107
*9A4WY 28 19,788 132 20 48
*9A3TU 2,724 39 12 20

Czech Republic
OK8YD A 1,330,483 1353 112 355 (OP: DL1YD)
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OK7MT 50,550 309 38 112
OK2BHD 1,242 16 13 14
OL5M 28 82,038 418 26 87
OK1SKJ 14,518 115 17 44
OK5R 21 1,225,534 2720 39 163 (OP: OK1RI)
OK1CDJ 511,670 1269 39 151
OK6DJ 320,580 798 39 141
OK1TN 26,481 116 29 68
OK1BN 14 870,872 2371 39 155
OL9Z 693,968 2078 40 136 (OP: OK2PVF)
OL3R 527,120 1573 39 137 (OP: OK1VWK)
OK1DX 440,154 1371 38 136
OL5T 127,300 615 26 74 (OP: OK1BOA)
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OK1NY 1.8 66,048 704 15 71
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*OK1KT 20,501 162 21 62

Denmark
5P1B A 224,238 540 73 208
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*OU2P 85,722 373 41 141 (OP: OZ1LHK)

England
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G3LZQ 212,232 345 79 217
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G3VPW 28,672 121 41 71
G3PHO 20,700 86 43 57
G4TNB 28 18,426 100 19 55
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*M0TDW 25,038 146 35 72
*M1JJK 22,990 155 26 69
*G0KFO 13,770 118 23 58
*M6W 504 10 8 10 (OP: G3WW)
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*M0GKC 12,780 124 13 53
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Estonia
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*ES5EC 7 667 23 7 16 (OP: ES0TJC)

European Russia
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RW4W 2,143,309 2520 132 449
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UA1OMS 836,432 1054 118 370
R6DX 658,905 885 115 350
UA1AFZ 535,095 1039 83 262
RT4W 477,309 977 90 267
RN1N 470,407 655 99 314
RV3ZQ 352,260 689 65 220
R7DX 260,884 1042 39 134
UA4AZ 250,832 550 59 198
RA3NF 205,632 346 79 173
RN1ON 182,436 443 80 196
U1BD 151,731 556 54 153
RA3TT 97,470 395 42 109
RA4RO 65,946 209 51 123
RJ3AA 64,584 254 48 100
RU3AWH 59,184 384 37 100
R3MS 50,796 188 47 119
RX3AEX 47,978 274 37 112
RU6YK 45,045 325 21 70
RX3MA 38,360 173 37 103
RW4WZ 30,592 162 36 100
RA4S 30,420 120 41 89
RT1O 29,393 128 37 96
RW4NN 12,720 91 29 51
RV6ALI 4,563 39 19 24
UA3ROQ 3,652 59 11 33
UA1ORK 506 16 11 12
UA6YW 330 10 5 6
RU7A 28 94,939 550 26 83
UA6AK 2,380 21 13 22
R7LV 21 549,990 1516 37 152
UA6AA 93,233 374 36 97
RM5P 26,307 188 20 59
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UA7A 14 352,248 1521 37 149
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UA3MIF 248,744 989 33 103
RT3T 84,987 425 31 102
UA4WI 3.7 33,957 359 13 64
RT3M 22,908 277 12 57
RA3FD 15,252 203 11 51
RZ3EC 1.8 54,096 574 15 69
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*RG7G 19,665 106 41 74
*UA6LPN 19,203 99 42 69
*RA1QD 17,974 101 36 83
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*RA3TVL 11,193 127 21 70
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*RX3DCN 7,008 71 22 58
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*UA1WBV 740 13 10 10
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*RA1QGK 4,200 53 11 49
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European Turkey
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Finland
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OH2BEN 620,464 756 109 393
OH6RE 553,728 714 90 342
OH6MW 526,390 1051 66 229
OH2CK 435,715 560 90 181
OH1A 422,055 858 60 181
OH2XX 295,358 575 76 162
OH3FM " 181,629 443 66 213
OH1MM 143,451 299 65 166
OH2LU 79,212 279 41 120
OH6TN 51,060 247 32 83
OH8K 8,265 99 21 66
*OH2BP 28 5,700 50 15 35
*OH1HB 21 97,050 292 35 115
*OH3JR 21,888 95 24 90
*OH4KA 30 3 3 7
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OH6M 7 189,614 1157 25 88 (OP: OH6LBW)
OH8A 110,979 965 23 76 (OP: OH4KA)
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OH2BO 1.8 9,313 112 12 55
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*OH6OS 172,528 308 75 188
*OH4KZM 132,870 412 57 158
*OH3LNK 33,335 197 28 85
*OH2LNH 4,345 64 15 40

France
TM7F A 3,936,268 3580 124 408 (OP: F6GLH)
F4FFH 1,477,176 1618 113 375
F1RHS 575,694 724 106 272
F4CPF 263,640 354 97 241
F5NBX 233,064 577 62 172
F6FLU 59,081 170 52 79
F5KEQ 53,067 268 46 87 (OP: F5MYK)
F1UVN 21 139,384 377 35 117
F8ARK 14 355,344 1367 33 99
F4DNW 31,828 230 21 52
TM9R 7 917,700 3322 38 137 (OP: F5FLN)
F5NBU 11,025 110 25 72
*F4FDA 3.7 113,157 1071 16 83
*F8CRS 173,664 356 63 200
*F4FEP 145,189 361 50 147
*F6JSZ 67,650 301 37 128
*F6IRA 40,293 214 33 78
*F4FRF 21,944 148 27 77
*F4FHV 1,749 27 14 19
*F8CGL 7 43,500 350 18 82
*TM33A 22,880 190 13 67

Germany
DC4A A 4,089,407 2685 158 575
DJ4AX 2,029,189 1590 127 466 (OP: DL4NAC)
DF2UU 1,822,463 1508 141 498
DK5DQ 1,792,519 1614 119 428
DJ1AA 1,719,744 1984 109 398
DD2ML 1,695,498 2151 122 431
DL5AN 1,336,436 1210 124 438
DL3EA 1,306,621 1370 113 374
DL4LAM 1,114,776 1199 99 369
DL8OH 1,094,166 1091 135 399
DL0WW 1,073,541 1067 111 358
DJ9MH 971,872 1023 112 390
DL1RG 785,376 1024 94 328
DL5JS 685,923 992 91 276
DJ3WE 644,384 1067 83 333
DL5MEV 614,716 802 100 354
DL8QS 611,455 912 90 310
DK1KC 519,870 865 80 310
DK2AT 519,760 1037 80 250
DL2IAN 518,760 1037 80 250
DJ2YA 507,640 504 119 371
DK1QH 488,448 619 97 287
DL1AX 395,954 777 71 243 (OP: DK1QH)
DK1AX 391,350 645 85 250
DL7ON 382,592 521 95 254
DL4CF 332,640 503 80 220
DF5ZV 330,012 521 79 277
DL7AOS 292,215 564 66 187
DC2KN 236,371 682 52 187
DG3FK 204,584 363 66 173
DH1PS 194,245 446 62 203
DF2LH 156,140 351 62 149
DL9HD 116,052 285 57 117
DL1NEO 105,135 300 53 162
DK5AD 104,728 295 56 102
DL8YR 104,720 321 60 160
DG2NMH 97,364 397 32 69
DL1EJA 85,995 185 54 135
DK6CQ 74,390 253 43 130
DL6NDV 74,052 242 44 159
DF3QG 71,712 206 52 127
DL1PT 68,276 338 42 127
DL2SWN 60,160 158 56 104
DL1OLI 59,130 201 48 106
DL9NCR 53,250 224 41 106
DF2MM 50,500 190 37 103
DL6GTB 48,032 118 48 104
DJ6TB 38,958 168 41 106
DL1UAA 30,876 155 33 94
DL1BUA 25,418 89 39 74
DF1IC 24,360 197 22 84
DL1YFF 22,185 100 36 79
DL1DQW 10,089 65 26 73
DJ0TP 9,922 80 27 59
DL7GP 6,440 53 20 60
DL8WX 1,936 30 11 33
DM3VL 1,813 24 17 37
DL8UAT 414 11 8 10
*DJ0MN 28 48,924 251 27 81
DB9EX 798 17 14 28
DF2ZP 888,664 1923 39 157 (OP: DL8OBQ)
DA2C 756,500 1853 39 139 (OP: DH2PE)
DL9GS 202,419 570 36 117
DL5XL 5,088 51 15 37
DL2ARD 14 1,262,437 3119 39 148
DM3MM 362,023 1298 37 126
DL2QT 38,967 231 23 70
DH8BQA 7 260,026 1577 33 113
DL7UMK 70,519 427 22 77
DD1MAT 31,926 231 22 80
DL2KZA 5,088 51 13 37

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DB2B            3.7   89,531   923   16   81
  (OP: DL8OBF)
DO4DXA           "    35,700   381   12   73
DK9HN            "    22,715   297   12   65
*DF2RG           "   480,522   713   88  269
*DM6DX           "   377,536   579   86  261
*DF2AJ           "   369,408   708   76  236
*DL0NG           "   182,532   500   59  187
  (OP: DK8NC)
*DL4MNG          "   161,040   472   48  192
*DJ3HW           "   159,609   322   70  179
*DL5GAC          "   101,712   346   44  112
*DK4WF           "    71,050   262   62  141
*DK6AN           "    70,928   240   54  122
*DL8ZAJ          "    63,124   230   50  122
*DK7ZH           "    55,096   296   33  109
*DH4PSG          "    48,238   176   52  126
*DL1BDR          "    44,676   211   43  110
*DL7UIO          "    33,930   163   30   57
*DL9ECA          "    28,672   131   40   88
*DL5ASK          "    26,250   128   31   74
*DK1IP           "    24,282   123   30   41
*DL7TJ           "    22,987   141   33   94
*DL2YCA          "    16,290   138   23   67
*DC2CB           "    16,000   123   29   71
*DJ2MX           "    15,826   104   22   60
*DK4VY           "    15,456   139   16   77
*DG8FAY          "    14,758   152   19   75
*DL4EBW          "    13,944   128   21   63
*DL9GTI          "    12,516    65   34   50
*DL3DRN          "    12,250    78   30   40
*DB5SB           "    11,088   103   26   62
*DK4IO           "     9,177    68   28   41
*DL1VTL          "     8,256    75   24   62
*DG2BHB          "     7,923   108   13   44
*DF6YC           "     4,424    44   22   34
*DL1SVA          "     4,416    38   21   55
*DK6RS           "     1,456    27   13   13
*DL3EBX          "     1,218    41    5   24
*DO6SD           "       832    19   12   14
*DJ7IK           "       672    14    8   13
*DO1RTO         28     1,500    36    6   14
*DR2K            "   135,579   460   34   95
  (OP: DL5OCR)
*DL5ALW         14     9,027    81   17   46

                 Greece
SV1DPI           A   849,884  1209  116  392
SV2FLQ           "   109,410   433   56  154
*SV3AQR         21    68,560   716   21   59
SV2DCD           7   475,600  1975   37  127
J48OV            "   208,661  1435   31   96
  (OP: HA5OV)
*SV4FFL          "       650    18   10   16
*SV2AEL         14    16,185   216   11   54

                Guernsey
*MU0GSY         21    85,578   518   26   76

                Hungary
HG1OP            A 4,481,880  3737  153  527
  (OP: HA3PL)
HG6V             "   615,459  1304   82  285
  (OP: HA6ZQ)
HA1YI           21   270,036   793   36  120
HA9PP           14   597,922  2079   36  133
*HG8C            "   289,536   606   70  186
  (OP: HA8EK)
*HA8CQ           "    96,111   393   47  134
*HA5OO           "    20,808   118   32   70
*HG0R           21   436,755  1093   37  140
  (OP: HA0NAR)
*HA5BSW          "    69,500   215   35   90
*HA3DX          14   457,396  1440   39  125
  (OP: HA4XH)
HA6NW            "    32,676   292   20   64

                 Iceland
TF3IG            A     7,840   111   21   59
TF3AO           21    17,689   363    9   40

                 Ireland
EI0A            21   258,672  1070   31  105
  (OP: EI4GXB)
EI6JK            7   162,400  1035   24   92
*EI7CC           "   304,545   663   62  195
*EI2KC           "    55,836   268   33  103
*EI4CF          21   220,500   687   35  112

               Isle of Man
MD2C             A 2,717,337  2743  131  450
  (OP: MD0CCE)

                  Italy
II2S             A 2,252,178  2704  124  413
  (OP: IZ2FOS)
IW2MZX           "   794,490  1681   77  296
IK2SND           "   731,824   905  111  313
IR3Z             "   695,398  1067   99  335
  (OP: IN3XUG)
IZ1OSP           "   635,160  1110  101  301
I3VJW            "   503,808   730  100  284
IZ1JLN           "   407,322   705   87  255
I1EIS            "   376,164   532  103  284
IZ4ORO           "   356,480   832   81  239
IK3VUU           "   343,416   642   81  247
IK2EGL           "   303,750   764   73  197
IZ2DM            "   242,138   555   73  205
IW3HXR           "   191,135   401   77  224
IZ2AJE           "   144,088   498   51  166
IK3SCB           "   116,610   549   42  127
IC8POF           "   114,540   281   64  185
IZ8FDG           "   102,666   436   39  105
IZ5MXA           "    99,296   354   63  151
IK0TUM           "    99,246   247   66  148
IW0GYC           "    80,541   248   55  116
IK0UTM           "    60,024   220   41  115
IZ2KPI           "    31,152   136   43   89
IV3JCC           "    30,820    90   57   77
IZ0EHL           "    29,468   128   37   69
IW0SAF           "    24,200   137   45   55
IZ3LSZ           "    18,156    95   35   54
IZ2SNI           "    10,108    74   28   34
IZ0GYP           "     9,982    56   24   38
IK2WPO           "     5,950    46   24   46
IV3XZG           "       984    31    5   13
IZ4MJP          28    13,167   102   17   46
IK8TEO           "     3,026    36   13   24
IR2M            21   504,495  1263   38  147
  (OP: IZ2FDU)
IK4TVP           "   190,646   511   37  136
II5W            14   141,816   377   36  116
  (OP: IZ5DKG)
IV3UHL           "   110,240   385   31   95

IO3T             "    97,300   389   33  107
  (OP: IZ3ESV)
IK1ZNM           "     1,705    25   13   18
IR8R            14   472,862  1780   39  139
  (OP: IK8HCG)
I5FCK            7   128,832   773   29   93
I1NVU          3.7    47,736   367   17   85
*IK6OIN          A   490,912   828   84  284
*IR8W            "   238,996   537   69  229
  (OP: IK8YFU)
*IZ6NCN          "   132,239   445   51  172
*IZ5RYG          "   127,451   298   61  141
*IZ2KTF          "    86,104   306   46  142
*IZ2NYY          "    44,238   196   39  107
*IZ1NES          "    30,324   139   38   95
*IZ5RLK          "    18,432   139   29   67
*IZ1MHY          "     5,040    40   25   35
*IZ0LHL          "       780    13    8   12
*IW1QN          21   181,104   527   38  116
*I7CSB           "    48,160   205   30   82
*IZ4AFW         14     4,545    72   11   34
*IK4SPB          7    16,745   164   16   69
*IK0XBX          "    15,190   252    9   53

               Kaliningrad
*UA2FT           A     2,484    29   16   20

                 Latvia
YL6W             A 2,138,334  2270  131  412
  (OP: YL2GD)
YL8M             "    82,344   247   59  160
  (OP: YL2KL)
YL2PP           28     3,036    33   14   30
YL2GD           21   783,842  1860   38  156
YL2BJ            "   586,467  1422   38  151
*YL3AGV         21    22,120   212   15   55

                Lithuania
LY5E             A 1,521,153  1777  110  367
  (OP: LY2IJ)
LY2TS            "   156,562   519   49  162
LY2CX            "   122,175   324   68  157
LY3CY            "   112,665   495   36  149
LY7M             "    86,580   392   39  146
LY1R             "    40,850   315   22   73
*LY2BVB          "   137,108   358   57  170
*LY2SA           "    41,922   173   43   94
*LY2CX           "    22,500   112   34   74
*YL3AGV         21    22,120   212   15   55
*LY4G           14    48,500   307   25   72

                Macedonia
Z35T            21   292,060  1015   37  133
Z37M            14   322,000  1607   32  108
Z36N           1.8    16,245   271    8   49

                 Moldova
ER0WW            A 7,862,990  5830  167  599
  (OP: UT5UDX)
*ER2RM           "   340,407   707   70  257
*ER3ZZ           "   100,156   299   55  141
*ER3DX           "    90,060   205   65  163
*ER3CT           "    50,600   230   41   99

                Netherlands
PA3S             A 2,329,795  2470  116  375
PA1T             " 1,140,048  1504   91  286
PA3C            28    17,612   120   18   56
PA5A            21   363,728   956   38  153
PA3EWP          14   950,152  2411   40  148
PA1AW            "   354,731  1657   39  130
PA1BDO         3.7    99,828   885   16   78
*PA0MIR          A   325,428   648   73  209
*PG6EL           "   213,864   566   58  170
*PD4DX           "   152,866   757   36  143
*PE1FTV          "   106,590   455   38  152
*PD7BZ           "    81,663   346   39  124
*PE4BAS          "    81,346   295   50  108
*PA0GRU          "    78,873   358   43  140
*PE1KL           "    31,773   195   34   85
*PA2A            "     1,064    29    9   14
*PI4WLD         21    13,920    99   19   43
*PE1PKR          "     7,598    54   21   37
*PA5F           14    54,468   363   23   79

             Northern Ireland
GI5K             A   752,313  1698   46  137
GI6K            14 1,139,176  3105   38  138
  (OP: GI0KOW)
*MI0M            "   944,674  1704   71  260
  (OP: MI0SAI)
*GI4SJQ         21    62,976   305   26   70

                 Norway
LN3Z             A 3,649,344  2655  142  522
  (OP: LA6YEA)
LN5O             " 1,000,730  1197  108  358
  (OP: LA6FJA)
LA3BPA           "   283,509   533   79  210
LA9TJA           "   210,786   643   55  203
LA8XPA         3.7    70,785   377   25   96

                  Poland
SO8A             A 4,669,086  3555  150  512
  (OP: SP8BRQ)
SO6I             "   434,400   460  115  365
SO2W             "   257,823   521   68  175
SP9LAS           "   231,575   533   68  227
SO7A             "   194,177   439   70  207
SQ1DWS           "     4,320    41   19   35
SP5ELA           "     2,025    30   15   30
SP8HKT           "       990    17   14   16
SP6PLH           "       891    24   12   21
SQ6OU            "       672    12   12   12
SO9Q            28    56,814   266   24   78
  (OP: SP9QMP)
SP1NY           21   325,413   909   36  135
SP1RKT           "   269,730   731   38  147
SQ9HZM           "   252,154   669   37  129
SP9W             "    93,744   312   36   94
SN2J             "    30,324    98   38   76
SN2M             "    21,840   112   27   56
SN8R            14   638,206  1825   39  142
SP4TKR           7   403,176  1923   34  123
SO8R           1.8    70,794   895   12   69
SP1GZF           "    27,288   421   11   61

*SP2EWQ          A   268,150   427   86  224
*SO9G            "   129,888   502   50  148
*SP5BNB          "   100,989   232   71  158
*SQ8LSC          "    99,552   301   54  129
*SQ6ONU          "    99,182   345   46  156
*SP1MWN          "    96,073   354   49  142
*SN7S            "    73,146   363   40  109
*SP7SZW          "    68,908   382   33  128
*SN4W            "    67,236   341   39  117
*SP8QED          "    38,350   197   36   94
*SQ3RX           "    27,108   129   36   99
*SQ7OTB          "    24,565   101   34   51
*SP6FXY          "    24,440   100   44   60
*SP6JQC          "    18,000   164   17   63
*SQ3LMY          "    15,960   188   18   58
*SP6IHE          "     5,070    39   29   36
*SQ4OLP          "     1,485    25   13   20
*SN1Z            "     1,040    14   12   14
*SQ7MHN          "     1,008    14   12   12
*SQ8JLN          "       130     6    5    5
*SP5ES           "         6     1    1    1
*SP3LWP         28    25,596   168   19   60
*SQ8IFG         21    87,846   308   34   89
*SP6ZC           "    66,759   214   34   85
*HF2Ø1ØCY        "     5,616    66   16   32
  (OP: SP5ES)
*SN3C           14   117,859   412   35  114
  (OP: SP3ASN)
*SP4DZT          "   112,592   527   27   91
*SP5AUY          7    58,191   290   28   91
*SN9Y            "     4,074    85    7   35
  (OP: SP9UOP)
*SQ8JX         3.7    27,580   385    9   61
*SP8LBK          "    16,317   271    9   54

                 Portugal
CT2IPG           A   260,760   559   64  182
CT1ETW           "     6,384    72   21   55
CT1EAT           "     3,604    39   16   34
CT1BOL          28    23,718   172   17   50
CT1FJL           "   167,118   660   33  105
CT1ETX          14   146,418   684   30  108
*CT1HMN          A   281,488   610   61  180
*CT2CRP          "    78,715   326   42  131
*CT1AOZ         28    23,732   128   19   49
*CT2IVH          "    12,906   101   16   38
*CT2JBG          7    25,353   212   15   66

                 Romania
YO9HP            A 3,542,022  3459  143  460
YO3APJ           " 1,334,275  1764  107  368
YO4DW            "   617,335  1253   85  226
YR9F             "   338,250   616   81  249
YO8WW            "   175,845   349   88  197
YR0R             "   167,968   515   53  128
YO2II            "    19,008   215   13   59
YO2RR           21   191,018   600   35  114
YO7DAA           "   173,901   628   36  111
YQ6A             "     2,211    24   15   18
  (OP: YO6BHN)
YR5N           1.8    26,964   407    9   54
*YQ5Q            "   472,474  1017   73  264
  (OP: YO5OHO)
*YO9DL           "   157,176   510   51  171
*YO2LXW          "    48,042   455   15  112
*YO6PIR          "     4,389    63   16   41
*YO2AOB         28    22,278   148   20   59
*YO4ATW          "    12,480   100   22   58
*YO8KGA         21   477,192  1327   38  139
  (OP: YO4RIU)
*YO9BXC          "    12,540   103   19   41
*YO9CWY         14    40,662   366   16   65
*YO3CVG          "    19,564   194   13   54
*YO6OHS          "    11,484   167   15   51
*YO5OAG          "    10,500   150    8   42
*YO2AQB        1.8     2,135    79    4   31

                 Sardinia
ISØIEK           7       400    14    7   13

                 Scotland
MM3T            28    21,528   256   14   55
2MØETR          14    17,928   199   13   59

                  Serbia
YT7R             A 2,248,305  2595  125  430
  (OP: YU7BW)
YT5N             "    24,738   219   38   95
  (OP: YU7AF)
YTØI             "     6,136    86   16   43
YTØZ            21   916,146  2029   39  159
  (OP: YU1ZZ)
YT7Z             "   443,839  1265   38  119
  (OP: YU7SK)
YT5A            14   649,590  2217   38  139
  (OP: YT3W)
YTØW             "   625,650  2397   35  115
  (OP: YU1JW)
YTØA             "   253,032  1024   36  108
YT7W             "   245,168   969   36  118
YUØT             7   731,916  2856   37  134
  (OP: YU1WS)
YT1VP            "   557,430  2173   34  116
*YU2A            A 2,516,631  2690  117  402
*YT9A            " 2,188,041  2095  127  452
*YT7TA           "    12,782    70   21   35
*YUØU           28     3,003    47   10   23
*YT2B            "     1,431    46    7   20

                  Sicily
IT9FGA           "     1,925    21   14   21
IU9X            28    74,774   361   30   79
IT9XTP          21   224,718   928   32  103
IR9P             7    49,068   401   18   76
  (OP: IW9HMQ)
*IT9DFI          "    87,168   280   51  141

                 Slovakia
OM8LA            A   164,672   488   60  188
OM3PC            "   847,656  1919   38  151
OM3DX            "    58,448   232   30   74
OM7M            14   695,352  2048   38  130
  (OP: OK2BFN)
OM4MM          3.7    58,820   616   13   72

*OM3NI           A   102,476   378   44  143
*OM5UM           "    41,890   265   33  109
*OM7YC           "    21,631   161   28   69
*OM3ZBG          "     5,481    94   18   45

                 Slovenia
S58M             A 2,448,516  2814  126  440
S53M             " 1,564,500  1641  107  340
  (OP: S53ZO)
S56A             " 1,304,546  1195  127  451
S54O             "    68,952   335   38  118
S5Ø             21   617,526  1413   39  143
S5ØK             " 1,063,728  2932   38  140
S51NM            "    10,304    79   16   40
S56X             7   435,183  2060   36  123
S51CK            "   308,980  1839   30  110
S56P           1.8   124,896  1138   16   80
*S59AA           A   417,197   550   95  296
*S52DK           "   351,900   706   71  205
*S53F            "   300,048   612   75  261
*S57AD           "    31,553   238   26  113
*S57EA           "    17,888   118   31   73
*S51D            7   121,240   591   31  109

                  Spain
EA5BY            A 1,494,763  1442  122  447
EA7RU            "   847,242  1485   94  269
EA7RU            "   830,718  1108   82  265
ED4A             "   566,835  1037   84  251
EA1PP            "   414,596   783   71  197
EE3R             "   342,576   456   97  254
  (OP: EA3OR)
EA4ETW           "   322,301   548   86  201
EA1BLA           "   243,366   493   74  208
EA1CDI           "    48,416   179   49  118
EA3AR            "    40,112   216   26   66
EA4AW            "    37,990   169   24  101
EA4WL            "     6,783    62   16   41
EA4DEC           "     5,620    36   23   27
EH7Z            28    27,150   210   21   54
  (OP: EA7ZY)
EA3DW            "    19,516   145   20   48
EA1AAE           "    14,592   107   21   43
EA1BFZ           "       528    11    6   10
AM1Q            21   445,055  1297   39  128
  (OP: EA1QA)
EE5J             "   133,181   652   23   74
  (OP: EA5YJ)
EA3DW            "    63,999   247   35   82
AN5E             "    47,975   304   23   72
  (OP: EA5HAB)
EA7LL            7   471,450  1765   36  114
EE3E             "   225,736  1107   32  107
  (OP: EA3ELZ)
EA3ATM           "   144,774   861   31   95
EA7KB            "    97,163   513   26   95
EF7W           3.7    60,900   503   18   87
  (OP: EC7KW)
ED5J             "     6,780    99   10   50
*EF1W            A   880,032  1580   77  232
  (OP: EA1WS)
*EA2NN           "   658,260  1101   73  192
*EA2WD           "   201,710   540   57  173
*EA2BNU          "   142,303   349   59  144
*EA5DKU          "   141,056   324   68  164
*EA1JK           "   109,158   351   50  111
*EA5XA           "    75,218   219   48   95
*EB3FLY          "    55,728   239   43  101
*EA4SG           "    54,612   179   48  100
*EA1EA           "    53,259   173   43   80
*ED1J            "    38,969   200   35   98
*EA2CE           "    32,536   170   27   71
*EA1GHT          "    32,248   139   38  101
*EB3JT           "    31,034   130   41   77
*EA7HE           "    25,984   161   31   85
*EA3GOD          "    19,888   112   29   59
*EH2E            "     8,580    77   20   46
*EA4EQK          "     2,982    48   12   30
*EA5YJ           "        98     6    2    5
*EA7JB          28    21,384   135   19   53
*EC4CBZ          "    17,920   156   18   46
*AO3A           21   260,286   928   36  105
  (OP: EA3GXJ)
*EA3NO           "    84,720   306   32   88
*EA1YG           "    65,538   348   25   74
*EA3KN           "    64,749   248   30   83
*EA2KP          14    14,885   122   17   48
*EA3BO           "       222    16    3    3
*EE5W            7    23,331   210   16   60

UT7EZ            "   165,015   324   77  116
UX0FF            "   140,118   347   70  172
US5EPG           "   108,575   303   61  154
UT2M             "   102,476   505   48  139
  (OP: UR2MIL)
                 "    88,510   336   43  124
US3IZ            "    87,636   278   53  148
UV7QA            "    83,236   263   60  146
UU2JQ            "    69,536   184   54  110
UT2IW            "    41,580   150   47  103
UT0OK            "    37,380   178   38  118
UT3WX            "    15,264   152   21   75
UT3UA            "     7,872    50   27   37
UT3N             "     4,898    46   26   36
UT7MW           28    54,815   409   22   73
UY5Q             "     5,104    64   14   30
UU7J            21   457,794  1663   37  137
  (OP: UU1AZ)
UT8LN            "   280,896   857   38  138
UR6IJ            "   107,569   427   32   89
UT7E            14   335,550  1751   35  115
  (OP: UV5EOZ)
UY4WWA           "    97,416   458   31  101
UW1M             7   816,525  2805   38  153
  (OP: UR5MW)
UW0CW            "   167,702   873   32  110
UU1AZ            "    28,314   315   19   59
UX2X           3.7   213,250  1425   27   98
  (OP: UT2XQ)
UW5U             "   187,880  1376   26   96
UW9L             "    43,932   459   16   68
  (OP: UT5LO)
UX7LL            "       440    15    7   15
UR5AS          1.8    52,488   600   16   71
*UT2IO           A   263,934   678   66  213
*UR6MX           "   155,448   347   47  157
*UT8EL           "   138,645   399   59  178
*US7LM           "   117,943   346   51  152
*US4IQS          "    75,816   288   39  117
*UU2J            "    43,992   186   38  103
*UT0EA           "    42,185   134   47   96
*UW7CN           "    33,320   132   41   78
*UY7M            "     6,816    66   26   25
*UT6LX           "     2,976    27   17   23
*UX3IO           "     2,480    25   17   23
*US4IPQ          "       754    14   13   14
*URØEG           "       476    23    6   11
*UT4UGJ          "       400    15    4   11
*UT2IV          21    92,720   447   31   91
*UT2AB           "     9,936    83   20   49
*UT7Y           14   193,893   811   35  112
*UT7QL           "   129,336   617   35  101
*US7IM           "    10,476   121    9   45
*UY7C            7    92,352   617   27   84
*UT3SA         3.7    57,318   705   14   68
*UT2UU         1.8     2,656    82    6   26

                  Wales
GW9T             A 4,398,070  3551  134  497
  (OP: MW0ZZK)
MW0JRX          14   359,682  1667   34  152
GW4OH            "   352,872  1336   36  120
  (OP: MW0JZE)
*MW0MAU          "     3,481    58   15   44

                 OCEANIA
                Australia
VK7XX            A   116,725   282   55  106
VK3FM            "    63,720   208   43   75
VK4NEF           "    11,648   141   14   18
*VK4LDX          "   299,250   576   72  118
*VK100           "    20,800   116   32   48
*VK6DXI          "     1,380    29   15   21
*VK4EJ          21    15,770   364   25   60

               East Malaysia
9M6LSC           A 1,705,312  1910  111  211

              French Polynesia
FO8RZ            " 2,758,312  2946  124  222

                   Guam
NH2T             A 2,448,207  2143  143  274
  (OP: N2NL)

                  Hawaii
KH7B            28    15,238   173   14   24
*NH7RO           "     5,850    68   14   25
*NH7FY           "    22,743   155   24   39

                 Indonesia
YBØBCU           "    19,602   114   46   75
YBØMWM          14    31,185   171   21   56
*YC6JRT          "   133,293   319   54  103
*YCØOHG         28     1,209    26   13   18
*YBØNFL          "     7,310    69   18   25
*YDØOXN          "     2,310    30   14   31
*YB2UTX          "       555    16    6    9

                New Zealand
ZL1T             A   593,888   854   93  184
  (OP: ZL1ANH)
ZL1BIV           "    44,387   172   41   78
ZL3PAH           "     6,314    59   17   21
*ZL3GA           "     4,750    49   21   29
*ZL3TE          21   139,196   565   26   63
  (OP: W3SE)

                Philippines
*DU1VT           "   801,588  1474   73  128
DU1AV            "   564,928  1251   75  107
DU1UEV         3.7       555    16    6    9
*DU7RH          28     5,406   110    8    9

               SOUTH AMERICA
                Antarctica
*8J1RL          14   233,040   752   32   88
  (OP: JE5XYT)

                  Sweden
SM2EKM           A   446,790   834   81  200
SM5F             "   326,898  1108   55  199
  (OP: SA5BJM)
SM7E             "   228,464   583   66  196
  (OP: SM7BHM)
SM5QU            "     6,270    62   23   32
7S2E             "     3,150    58   14   36
SM5CEU          21   212,190   570   38  127
SA1A             "     1,040    20   11   15
  (OP: SM1TDE)
8SØC            14   390,052  1205   38  131
  (OP: SMØMPV)
SF7WT            "    68,370   258   29   93
SM5T             "    50,787   366   22   77
  (OP: SM5TSP)
*SM5D            "   501,468   923   77  271
  (OP: SM5DJZ)
*SA3V            "   229,158   587   62  199
  (OP: SA3ARL)
*SM6MVE          "    84,252   344   42  105
*SM6BSK          "    73,305   298   40  141
*SE5S            "    51,000   201   37   88
*SI5S            "    38,458   194   40   94
*SM5CNQ          "    19,539   137   28   89
*SC3A          3.7       962    37    5   21

                Switzerland
HB9FBS           7   115,522   735   24   94

                 Ukraine
UW5ZM            A 2,352,165  2837  127  446
UWØK             " 1,088,199  1285  112  371
  (OP: USØKW)
UR5E             "   234,837   627   64  205
  (OP: UR5EDX)

                 Argentina
LU6QI            A       575    14   10   13
LR2F             "   694,056  2092   98  193
  (OP: LU2FA)
LU7HN            "   659,061  1904   30  101
LU4DX            "   487,452  1501   26   91
LW3EWZ           "    39,338   199   30   59
*AYØDX           "   893,964  1260   92  184
  (OP: LU3DR)
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Call	Band	Score	QSOs	Zn	Ctry
*LR4E	28	296,846	1078	25	78
		(OP: LW4EU)			
*LT4S		185,565	933	26	63
		(OP: LU8SAN)			
*LU7YZ		130,385	594	25	64
*LU7HZ		94,146	493	24	54
*LU3JVO		64,294	382	21	40
*LW5EAE		51,578	316	23	51
*LU7CAW		5,808	50	15	33

Aruba

P4ØP	14	595,136	1572	32	104
		(OP: W5AJ)			
*P4/W5AJ	1.8	170	8	3	7
		(OP: W5AJ)			

Brazil

PY1NB	A	5,558,720	3425	142	438
ZX2B	"	5,533,276	3720	132	378
		(OP: PY2MNL)			
PV2P	"	1,944,972	2117	103	341
PP1CZ	"	1,847,043	2314	85	212
ZY2C	"	1,555,188	1619	104	257
ZV2K	"	795,981	1074	99	204
PS2S	"	222,185	541	60	125
PY5KA	"	77,490	342	38	52
PY3PA	"	51,555	217	51	54
PY2LGR	"	14,274	832	30	48
ZV2V	21	461,630	1286	33	97
		(OP: PY2MNL)			
PY2NZ	"	341,125	1017	31	94
PY5RB	"	88,576	283	32	96
PR7AR	14	345,054	1058	34	97
PY7ZY	"	184,287	454	36	105
PT5T	7	637,604	1355	40	132
PR7DZ	"	144,531	558	26	75
PY5QW	3.7	1,104	51	11	13
*PY2SEX	A	2,430,330	2085	126	300
*PX2T	"	611,800	1313	48	127
		(OP: PY2DN)			
*PY2VM	"	316,404	727	64	124
*PY2SE	"	172,368	602	45	67
*PY2VZ	"	112,480	353	54	94
*PP2RON	"	32,076	137	35	64
*PY2LCD	"	17,340	173	28	40
*PY2DEZ	"	12,450	107	33	42
*PY4XX	"	12,432	115	38	46
*PY2ZY	21	155,040	797	22	54
*PU1KGG	"	113,040	494	26	64
*PY2IML	"	10,780	135	16	39
*PY2LUC	"	2,280	44	16	22
*PU4HUD	"	700	36	7	7
*PY2TIM	21	311,780	952	29	90
*PY4EK	"	57,904	297	25	63
*PY2VRZ	"	2,160	63	13	17

Chile

CE1TT	A	1,210,352	2023	80	173

Trinidad & Tobago

9Y4D	28	498,944	1516	29	99
9Y4W	21	1,376,970	3094	34	124

Venezuela

YV5LI	28	55,610	390	22	45
YW5T	21	1,023,705	2723	32	103
		(OP: YV5JBI)			
*YY7OMF	21	89,725	390	31	66

QRP ASSISTED

RW3AI	A	222,952	641	53	195
HA7YS	"	190,384	422	76	216
SO8T	"	90,093	397	39	138
		(OP: SP8TJU)			
PU5ATX	"	75,033	512	21	42
HA7VK	"	36,822	170	39	75
JA1KEB	"	3,784	35	19	25
EA4FH	"	1,681	35	13	28
VU2LYX	28	8,823	74	14	37
		(OP: VU2UR)			
HA6NN	"	420	15	5	10
PY2XC	"	15	4	2	3
4L6QC	21	76,807	323	21	68
SV1NK	"	32,376	226	24	52
VU2UR	"	7,644	76	17	35
HG1X	14	38,556	301	20	64
		(OP: HA1RS)			
IZ5IIN	"	30,324	299	17	59
IZ3IBL	"	14,446	136	15	47
US4IRT	"	63	5	4	5
HG1DX	"	122,590	894	23	92
		(OP: HA1XR)			
SQ7FPD	"	25,038	289	15	63
UT3L	"	20,382	203	15	64
		(OP: UR5LO)			
IZ1DGG	"	14,691	233	9	50
YU1XX	"	3,960	50	13	31
JF2MBF	3.7	1,248	26	9	15
HA8BE	1.8	14,896	255	7	49
OH3BU	"	2,516	79	5	29

MULTI-OPERATOR SINGLE TRANSMITTER
NORTH AMERICA
United States

Call	Score	QSOs	Zn	Ctry
K1LZ	10,193,630	4752	172	625
K5ZD/1	6,622,287	3577	158	521
W1QK	830,672	790	94	292
KA1IOR	770,445	824	85	266
NM1C	94,488	207	56	130
K2Z	2,416,168	2080	114	358
NN2W	1,791,275	1384	124	399
K2OAK	172,020	306	60	175
W3BGN	5,343,624	2831	161	531
K9RS/3	4,475,478	2540	161	517
W3MF	2,367,488	1592	132	412
W3EC	419,760	574	82	236
W3PA	363,448	502	51	200
W3LJ	101,244	235	54	123
K3OQ	23,040	119	28	68
K3PRC	3,479	34	22	27
N4RV	3,069,550	2057	133	417
K5KG/4	2,475,856	1854	128	414
AD4ES	1,834,457	1346	130	397
W4ZR	1,352,337	1026	122	375
W4NC	1,128,048	991	108	318
W2HTI/4	396,274	493	102	245
W4EEQ	22,506	98	31	62
W4UVA	22,272	99	32	64
N5DX	5,406,882	3371	160	513
N2IC/5	5,137,170	3057	166	488
K5NA	4,173,048	2460	173	553
N5YA	929,919	937	107	294
K9MBB/5	490,893	607	84	223
W5RTA	106,560	347	66	114
K6IDX	2,708,328	1748	153	435
W6LH	915,343	835	118	289
NX6T	675,816	862	105	243
KH6SP/W5	443,136	502	114	270
W6YRA	45,600	183	47	67
N6EP	33,210	156	31	51
K7RL	3,135,383	2325	151	378
N7VM	1,081,698	1245	128	289
N6LO/7	729,011	901	101	222
W7TVC	392,329	537	96	191
KG7C	148,604	309	62	132
K7UN	75,544	228	55	87
K8AZ	4,175,850	2287	161	518
WC5B/8	7,259	75	26	35
KD9ST	1,898,600	1307	141	409
K9ARR	251,340	410	64	172
K9WJU	235,986	453	65	157
NØNI	4,091,373	2421	165	498
WØMA	565,160	599	99	256
KDØS	356,365	518	74	189
KØJDD	272,384	422	80	186

Alaska

KL7/NØHJZ	755,058	1904	62	121
KL7AIR	236,232	621	58	95
KL7AIR	225,784	561	58	109

Antigua & Barbuda

V26B	13,060,125	7649	159	546

Bermuda

AA4V/VP9	4,461,691	4184	111	346

Canada

VO1TA	2,101,920	2948	80	222
VE9MY	870,052	729	99	344
VC2Z	1,478,280	1484	92	289
VE2QAU	835,632	1472	64	188
VE2QAU	10,626	107	26	43
VC2SL	5,395	41	28	37
VE3EJ	12,533,386	6011	180	641
VE3RZ	3,202,905	2472	134	421
VE3GYL	48,300	184	46	69
VC6A	3,782,844	3115	141	390
VE6AO	683,550	1471	62	155
VE7SZ	2,303,910	2959	121	257
VE7NA	82,368	259	56	88
VE8EV	1,405,228	2021	98	195

Costa Rica

TI5N	2,807,484	3932	109	263

Honduras

HQ2W	1,333,071	2185	81	210

Mexico

4B2AUD	38,740	291	30	35

Turks & Caicos

VP5DX	6,879,570	4924	144	501

U.S. Virgin Islands

NP2B	7,952,888	6034	136	435
NP2KW	1,312,360	2244	82	198

AFRICA
Botswana

A25HQ	2,138,500	2421	80	249

Cape Verde

D4C	22,812,320	8787	191	729

Ceuta and Melilla

EF9K	2,176,434	2004	93	300

Madeira Islands

CQ9T	12,355,194	6691	141	537
CQ3L	5,772,195	3472	133	452

Mozambique

C91WW	5,988,862	4413	119	359

ASIA
Asiatic Russia

RF9C	5,790,200	3417	144	511
UA9UZZ	2,874,088	2449	119	357
RK9JWW	1,851,256	1771	107	329
RK9CYA	1,367,271	1394	83	304
RK9XWA	861,942	1149	70	217
RN9S	670,145	894	70	217
RZ9WXK	310,479	578	58	189
RK9SWF	121,448	371	33	113
RZ9UWD	77,682	298	33	88
RTØC	4,834,242	4159	158	364
RWØA	4,833,634	3423	138	460
RKØLWW	58,660	219	62	78
RKØSXR	28,080	172	28	62

Asiatic Turkey

TA7KA	4,133,025	3397	100	371

China

BY4QA	1,041,896	1624	99	227
BT4EXPO	1,040,266	1922	103	223
B5A	971,268	1473	103	245
B7M	606,600	1133	73	172
	591,105	1262	79	172
	456,909	1060	91	198
B4TB	379,816	836	87	154
BY1OK	315,222	872	69	145
BY8CN	253,045	652	72	149
BY1SK	65,394	297	45	81
BD4TS	46,151	209	54	79
BG4UNB	11,280	126	26	54

Cyprus

P33W	19,267,610	7776	185	705
P39P	82,635	283	22	83

Japan

JA1YPA	777,170	1054	95	215
JE1YEM	85,888	284	52	76
JI2ZJS	3,322,053	3052	133	308
JI2ZEY	1,468,324	1883	77	128
JA2ZJW	305,440	757	57	109
JJ3YBB	353,800	665	92	152
JE7YSS	72,772	291	28	64

Kazakhstan

UO5L	3,876,930	2980	112	386
UP9L	1,423,290	1396	97	321

Kuwait

9K2HN	10,413,450	5365	162	568

United Arab Emirates

A62ER	341,620	1126	26	90
A61BM	162,900	372	67	158

West Malaysia

9M2SMC	276,230	663	76	154

EUROPE
Belarus

EW8ZO	77,441	344	48	113
EW8ZZ	6,424	75	26	47

Belgium

OP4K	2,713,880	2288	136	478
ON6BH	1,179,647	2294	93	298
OO7W	240,195	832	52	187

Bosnia-Herzegovina

E7DX	12,185,136	4922	184	704
E73ESP	410,575	1396	56	219

Bulgaria

LZ5R	4,705,855	4125	156	563
LZ4RR	2,321,487	3729	111	386
LZ4TL	1,587,168	1728	139	455
LZ6W	52,395	346	25	80

Croatia

9A3B	3,746,914	3486	138	515
9A3W	483,718	924	79	268

Czech Republic

OK5W	9,346,257	5291	178	653
OK2KOJ	978,365	1297	94	325
OL2A	555,777	940	82	251
OK2RRR	247,852	1462	27	104
OL2U	195,048	608	57	195
OK5SWL	1,406	29	11	26

Denmark

OZ7A	3,642,688	3594	140	518
5Q2J	493,164	1083	84	258
OZØW	228,904	732	57	191

England

G6PZ	6,877,350	4295	169	596
M2A	2,235,296	3082	99	377
G3B	1,262,437	1617	108	365
G5FZ	918,660	2316	70	235
M4U	818,640	1611	77	283
G1T	373,353	890	61	230
G3YNN	139,230	437	51	159
2EØNLK	25,400	255	26	101

Estonia

ES5YG	6,486	138	9	38

European Russia

RU1A	10,069,460	6405	194	696
RL3A	9,436,520	6308	190	687
RT6A	6,388,126	4945	179	644
RM5A	3,744,072	3570	154	544
RT3F	3,331,332	3248	140	424
RC3W	2,205,720	2931	127	430
RZ4CWW	2,199,161	2520	132	475
RG6G	2,157,718	2606	141	481
R3GZ	1,891,744	2447	119	377
RM3Q	1,223,068	1886	108	376
RT4F	752,128	1150	60	196
RN3T	720,762	1075	94	299
RK3VWA	583,695	1094	83	256
UD3D	523,940	1255	81	254
RK4HYT	291,375	692	70	245
RZ1AWZ	38,092	312	29	78
RF4M	30,330	269	26	64

Faroe Islands

OY6A	1,765,296	3064	92	376

Finland

OG1M	3,746,120	3019	154	526
OH6K	489,920	913	81	239
OG5B	487,188	1494	37	119
OH2BAH	178,164	500	60	142

France

TM2Y	6,213,984	4084	168	616
TM2B	5,825,376	4285	151	565
TM2S	1,437,816	2006	122	434
TM2T	1,134,189	1720	117	342
F8KGH	793,155	1601	86	259
F8CNX	347,334	775	67	152
TM5KD	252,216	2017	25	99
F6KMB	197,620	755	55	186
F5KAR	159,174	552	57	132

Germany

DLØDEF	1,714,704	1825	121	435
DR2M	1,657,566	2093	97	329
DL1WA	1,417,961	1541	120	421
DJØA	1,228,460	1277	133	393
DM5T	1,038,312	1331	113	393
DL1QW	811,072	882	104	260
DL2AGB	673,260	1620	65	229
DK1M	664,050	1092	94	302
DLØIL	607,752	1275	81	286
DM7C	560,865	977	94	323
DFØDA	510,864	975	78	289
DKØHF	334,464	714	73	195
DP9I	269,136	688	65	187
DKØALK	199,320	418	60	160
DKØRX	194,307	526	60	179
DR2P	94,050	378	52	173
DK5QN	86,020	465	26	93
DR4O	28,884	185	35	81
DKØGYB	28,336	283	34	120

Greece

SX1L	1,959,594	2535	120	426
SZ8L	132,300	892	43	132

Hungary

HG6N	8,035,965	5066	169	620
HG1Z	1,793,890	2248	124	399

Ireland

EIØW	823,880	1483	93	337

Isle of Man

GDØAMD	34,146	258	25	101

Italy

IR4M	8,100,928	4804	174	640
IR2C	7,867,286	4915	168	623
IO5O	6,802,848	4335	157	579
IQ1RY	3,402,603	2857	147	510
IW2LLH	1,945,152	2164	129	447
IQ4RN	1,918,103	2709	105	346
IR6T	1,689,225	1712	114	387
IQ3GO	1,226,556	1749	107	385
II5P	1,138,005	1931	93	270
IQ2MG	1,056,998	1599	102	341
I7PHH	1,015,959	1543	112	367
IR3Y	1,005,771	1370	108	373
IQ1NO	370,566	1018	70	236
IR1I	294,000	617	64	216
IZ5HPQ	146,400	398	69	171
IQØCV	51,100	247	33	149
IQ8CS	33,976	262	31	106

Jersey

GJ2A	1,338,531	1744	94	343

Kaliningrad

RW2F	8,156,016	5222	177	659

Latvia

YL7X	2,381,427	3091	125	454
YL1S	191,520	358	80	208
YL1XN	124,200	590	41	166

Lithuania

LY9Y	4,748,594	4070	152	570

Netherlands

PA6V	1,011,840	1437	106	359
PA5W	171,360	443	58	166

Northern Ireland

GI7AXB	563,856	1254	62	210

Norway

LN8W	4,889,760	3745	153	579
LN9Z	3,844,243	4217	124	435
LA3BKT	184,450	523	45	110

Poland

SN3R	8,292,180	5299	167	613
SN6Z	2,836,638	2609	137	521
SQ2ØØFC	363,080	1008	73	217
SN7H	361,790	911	68	231
SN90HRS	273,702	732	66	220
SO8N	22,834	133	36	62
SP9PKS	1,014	27	9	17

Portugal

CS2P	1,644,148	2186	109	375
CT1DWT	1,326,564	2145	77	269
CR5L	486,420	734	92	271
CR5R	396,583	774	80	261

Romania

YP7P	1,505,028	2458	115	368
YO5KUC	245,349	778	59	174
YR2X	240,975	887	48	177
YR2U	24,780	161	29	76

Scotland

GM3W	1,978,986	2174	101	353
GM7A	648,024	1008	86	161
GM4AGG	137,655	514	46	161

Serbia

YU5R	3,604,900	3443	143	507
YT6T	1,928,160	2675	113	407
YU3Z	765,611	1160	100	327

Sicily

IU9T	7,450,245	5132	174	609
IF9A	1,875,696	2554	124	428
IT9HBT	1,145,592	1699	123	381
IW9BCW	230,994	640	61	185

Slovakia

OM8A	10,701,680	6143	190	690
OM5M	2,973,125	3036	133	492
OM3RRC	442,050	992	81	269
OM3KWZ	32,890	263	29	81

Slovenia

S51A	3,975,484	3453	154	570
S54K	758,500	1418	94	316
S59T	2,220	42	8	22

Spain

ED5T	7,337,792	4861	155	549
ED1R	6,045,819	4427	162	579
AM3SSB	5,217,100	3629	154	515
AN5C	1,841,100	2534	114	361
EA5GI	1,590,966	2092	123	343
EA3HCY	1,014,045	1696	83	252
AM5B	796,023	1097	95	270
AM1T	346,276	768	72	226
AO2W	332,656	742	70	210
EA4RCT	224,458	1030	49	145
EA5EA	169,092	574	52	185
EA1URO	133,906	454	43	99

Svalbard

JW5E	2,082,600	2149	116	329

Sweden

SI9AM	1,232,007	2766	76	281
SK7OA	955,626	1716	85	288
SK6HD	63,441	308	37	122
SCØUT	56,250	339	32	118
SK7A	14,420	119	22	48

Switzerland

HB9H	3,311,550	2897	152	523
HB9EE	1,136,220	2326	93	342
HB9OK	695,400	1395	86	294
HB9TYJ	628,942	1054	81	233
HB9LL	188,370	517	65	208

Ukraine

UZ2M	9,498,524	6765	183	685
EM7L	3,079,576	2759	161	537
UTØAZA	1,607,398	2806	90	332
UZ1I	415,008	880	77	275
UU4JYM	228,112	775	56	213
UU5A	137,280	426	59	181
UR4PWC	20,895	190	28	77
UT7AXA	1,196	38	8	18

OCEANIA
Australia

VK6NC	2,680,507	2478	117	304
VK2GGC	181,170	443	64	101

Guam

AH2R	5,640,882	3972	143	364

Hawaii

KH6MB	5,346,695	4421	149	288

Indonesia

YB1C	682,378	1000	80	191
YE1ZAL	27,962	148	24	58

Micronesia

V6B	804,650	1400	86	123

New Zealand

ZL3M	296,650	696	57	113

Philippines

DX1M	1,275,080	1924	80	171
DX1ACE	93,250	309	48	77
DX33CA	10,586	99	26	41

SOUTH AMERICA
Argentina

LS1D	5,484,882	4186	134	360
LU1MA	3,650,352	3001	120	332
LU1UM	2,336,322	2447	113	254
LO7H	1,532,330	1865	100	210
LOØH	935,550	1509	83	160
L73D	864,396	1439	76	158
L25X	248,162	687	49	118
LT5D	246,915	610	69	108
LU1YY	127,334	726	63	135
LU4D	34,831	289	22	39

Aruba

P49Y	14,084,807	7489	159	500

Bonaire

PJ4X	13,529,100	7302	161	489

Brazil

PS2T	10,737,792	5252	171	546
ZW5B	9,109,232	4989	167	542
PQ5B	6,709,266	4737	140	382
PW2D	6,380,389	4570	141	386
PT2CM	3,827,276	3408	125	324
ZW8T	997,992	1537	70	179
PR5A	116,450	321	60	110

Chile

CE3G	2,903,404	2790	119	269
XR6T	832,833	1705	57	126
CE3W	803,430	1388	86	151

Paraguay

ZP8VAO	664,785	1111	80	157

Uruguay

CW5W	6,484,156	3836	161	470

MULTI-OPERATOR TWO TRANSMITTER
NORTH AMERICA
United States

KC1XX	15,936,950	7007	181	660
K1RX	8,246,080	4695	157	549
KB1H	5,402,656	3178	141	483
KØTV/1	3,920,127	2392	143	476
W1NA	3,304,512	2224	134	442
W1DX	3,164,850	2125	136	449
K1KP	3,162,786	2268	122	397
K2LE	4,850,285	2969	141	464
K2AX	3,716,229	2218	144	483
W2YC	2,785,258	1790	135	451
W2CG	2,001,825	1418	125	400
WE3C	10,991,044	5077	181	618
N3RS	9,490,192	4912	167	587
W3CC	2,164,448	1418	138	421
WA3EKL	1,805,168	1423	124	390
NQ4I	6,342,264	3784	166	542
W4RM	5,692,212	3483	154	485
N1LN/4	5,236,224	3173	162	510
N4YT	125,649	290	63	144
W5RU	2,472,155	1590	146	435
N5RZ	1,455,762	1447	113	298
K5MDX	1,091,026	1053	122	330
KB5MZ	292,236	526	86	148
AD5OW	48,180	149	59	87
W6YX	2,831,387	2358	146	357
NK7U	6,529,756	4294	161	461
N7AT	2,385,772	1993	143	301
N7BT	2,066,922	1906	129	309
W7RN	1,697,394	1489	132	342

Column 1

Call	Score	QSOs	Zones	Countries
W8BI	700,138	743	107	287
KC8IMB	220,340	403	68	162
NØIJ/9	2,398,284	1711	143	415
KTØR	1,500,884	1348	112	331
NØMA	755,200	714	104	296
KØGEO	677,707	783	87	250

Belize

V31BD	4,213,343	5151	97	282

Canada

VE9ML	776,424	927	86	260
VE2DXY	1,320,359	2028	83	248
VE3RM	3,258,450	3010	113	337
VE3MIS	2,592,632	2428	119	350
VE3DC	660,804	1674	66	146
VE6FI	3,526,352	3914	121	312
VE7SV	6,256,017	5120	140	387
VE7GL	3,649,434	3752	128	315
VE7SCC	312,223	1247	55	82

Costa Rica

TIØRC	5,059,478	5168	123	344

AFRICA
Madeira Islands

CR3A	32,470,760	12739	185	705

Morocco

CN3A	33,320,736	12754	185	726

Seychelles

S79K	13,495,020	6850	154	536

South Africa

ZS9X	7,479,420	4936	143	416

ASIA
Asiatic Russia

RZØWWA	788,385	1132	80	231

China

B1Z	3,373,374	3639	130	336
BY4IB	22,950	166	37	48

Japan

JF2ZPA	24,250	119	33	64

EUROPE
Austria

OE5T	1,438,815	2198	91	264

Belgium

OT2A	7,462,559	5859	150	539

Croatia

9A7A	9,106,461	5669	175	644

Czech Republic

OL1X	5,597,820	4821	144	537
OL1C	135,326	444	42	100

Denmark

OZ5GX	422,675	1432	64	211

England

M4A	5,175,775	4448	147	502
M9X	3,910,920	4256	128	470
G5O	2,693,668	2882	119	410
G4IIY	1,809,120	2498	96	384
G6MC	1,624,624	2115	105	367

European Russia

RK4WWQ	1,485,378	2446	104	373

Germany

DQ4W	8,473,101	5593	161	596
DLØCS	7,593,795	5623	158	601
DR5N	5,631,626	4596	142	537
DKØED	2,653,110	2760	130	485
DP3E	1,732,320	2033	122	418
DL3G	1,319,544	1835	108	384
DLØUM	706,537	1141	89	302
DP4W	503,338	891	82	252
DP4D	337,362	757	81	273
DLØERP	66,612	423	35	147

Hungary

HG7T	4,810,887	4455	141	480

Ireland

EI9E	7,304,896	6507	137	491

Italy

IR4X	13,885,885	7711	181	664
IR8A	1,004,496	1938	93	315
IQ1BP	48,860	275	44	96
IK1TWC	31,737	127	51	98

Netherlands

PI4DX	6,107,400	5272	154	542
PI4W	731,640	1371	87	315
PA3ØRCK	44,764	261	37	87

Norway

LN2T	1,073,478	1763	84	343
LA1K	363,716	823	67	249

Poland

SN2K	5,450,025	4136	158	577
SP4KNA	1,182,612	1162	130	426

Portugal

CR5T	1,291,206	1927	96	330

Romania

YO3KSR	568,050	1373	85	265

San Marino

T7ØA	8,427,883	7938	157	552

Sardinia

IMØC	202,276	734	46	198

Scotland

GM2T	3,927,208	3994	133	471
GM6NX	1,524,755	2219	105	362

Column 2

Sicily

IR9Y	6,840,558	4914	167	619
IR9W	3,760,274	4354	128	446

Slovakia

OMØA	1,612,772	2526	105	377

Slovenia

S52ZW	6,081,803	4796	151	528

Spain

EE2K	3,654,738	4058	125	429
AM1W	2,550,832	2569	112	412
AM1A	1,640,364	2259	100	373
ED1RCM	816,205	1423	86	291
ED1T	710,832	1551	83	271

Sweden

SK3W	3,342,628	2688	144	478
SK6AW	1,139,192	2066	69	245

OCEANIA
Australia

VK4KW	6,999,635	4858	147	374
VK1CC	3,121,248	2889	117	299
VK4HH	450,660	778	80	142

Brunei

V84CQ	559,728	1138	57	127

Hawaii

KH7CW	4,530,864	3801	139	285

Indonesia

YE2R	4,999,390	3584	142	375
YEØX	4,516,432	3821	116	323

New Zealand

ZM4T	5,601,050	4613	133	322

Northern Mariana Islands

AHØBT	8,844,867	5928	149	382

SOUTH AMERICA
Argentina

LP1H	14,556,432	8270	157	470

Brazil

PW7T	18,244,437	8749	167	586
PR5D	2,566,025	2589	112	273
ZY6Z	1,414,230	1971	81	214

Chile

CE4CT	9,674,544	6046	154	430
CE1Z	207,774	796	49	70

Uruguay

CV5D	2,094,000	2260	116	259

MULTI-OPERATOR
MULTI-TRANSMITTER
NORTH AMERICA
United States

K3LR	21,247,382	9143	190	717
W3LPL	17,824,653	8148	184	683
K1TTT	7,760,808	4374	160	557
KM1W	6,054,300	3247	151	549
N6WM	4,445,070	3231	166	444
WØAIH/9	5,060,268	3567	161	505
NA2U	3,293,920	2054	143	452
K7ZSD	2,881,578	2416	135	336
WX3B	2,835,154	1857	140	443
NE3F	2,713,815	1850	142	443
W5WZ	2,348,650	1951	137	398
WG3J	1,065,600	1215	111	333
AK8E/7	840,112	923	107	257
NE1B	686,517	678	95	282
W4CAR	22,042	114	43	64

Canada

VE5PV	3,134,120	3461	119	300
VE7HPS	49,664	199	53	75

Turks & Caicos

VP5T	10,848,474	8782	137	409

U.S. Virgin Islands

KP2M	11,686,380	8462	149	461

AFRICA
Canary Islands

EF8R	29,023,327	12024	178	705

ASIA
Asiatic Russia

RKØSWB	33,660	239	41	69

China

B7P	8,971,872	6170	171	501

Japan

8N5A	11,462,762	6992	170	483
JA3YBK	7,659,160	4999	152	432
JA7YRR	5,927,992	4645	147	371
JA2YKA	82,336	305	67	99

Qatar

A73A	23,364,120	10382	187	694

Taiwan

BV1OO	339,456	1317	79	125

EUROPE
Andorra

C37N	5,636,928	7508	111	433

Belgium

OT5A	10,659,128	8441	167	620

Bulgaria

LZ9W	12,613,744	9983	167	647

Czech Republic

OK7O	3,474,240	4025	125	403

Dodecanese

SX5P	5,261,168	5884	149	567

England

MØHFC	65,512	464	37	115

Column 3

European Russia

RW3GW	1,615,440	2361	118	390
RY6Y	1,398,123	2009	119	412

France

TM10	3,840,220	5085	151	477

Germany

DR1A	21,624,680	12598	190	745
DFØHQ	16,439,906	10671	188	723
DP6T	2,544,375	2472	137	488

Hungary

HG1S	9,635,052	6983	166	632

Italy

IQ8MD	2,733,192	3573	128	433

Liechtenstein

HBØ/HB9AON	4,488,926	5466	107	426

Lithuania

LY7A	8,273,300	7502	155	587
LY2W	6,785,786	6127	152	555

Netherlands

PA6Z	7,991,649	6870	162	595
PI4D	1,424,137	2375	103	330

Poland

SP7PDL	16,390	169	26	84

Scotland

GMØB	8,129,580	7000	149	541

Spain

EE2W	9,864,040	7643	165	595
EA3EBN	2,799,940	2917	129	443

Sweden

SK6D	1,651,184	2453	106	390

Ukraine

UR3QXX	400,512	948	73	263

OCEANIA
Australia

VK4UC	3,225,156	2695	136	325
VK3FRC	302,868	687	72	116

Guam

WH2DX	2,689,934	3074	117	220

Philippines

DX1DBT	652,032	1110	93	163

SOUTH AMERICA
Brazil

ZY5Z	3,220,593	3405	110	271

Chile

CE1A	2,315,700	2688	113	219
CE1D	163,254	540	69	100

Curacao

PJ2T	27,984,516	14111	163	551

Check Logs

4Z4DX, 8J1RL, 8M8YY, BA5CW, BD7IHN, BD8BQA, BY4X, BY5CD, CE3PG, CX4AD, DC2IP, DG5YIS, DJ8RS, DL1KUR, DL1LTK, DL2OE, DL4SVA, DL5CL, DL5JAG, DL5MG, DL6GV, DL7FAZ, DL7VMM, DL8MBS, DL8USA, DL9NO, DM5DX, DR2O, E74WN, E74Y, E77M, EA1CBX, EA1CE, EA1FDI, EA1GFT, EA2IV, EA2KY, EA2RY, EA3FAX, EA3GLB, EA3JL, EA4MA, EA5HT, EA7ATX, EA7LS, EB1IFI, EB3CW, EB3FIS, EC7AMY, EE5O, EH5I, EI7JK, F4DLM, F4FDQ, F5LMJ, F5MUX, G1FON, G3RWL, G6FOP, GM3C, GW4BLE, GWØETF, HA6PX, HA7UL, HA8DM, HA8TP, HSØZFY, IK0EIE, IK2OUO, IQ3UD, IT9DAA, IW5EIJ, IW7ECJ, IZ1SCF, IZ5MOQ, JA1TRC, JA2KVD, JG3WCZ, JJ3DVP, JT1CS, K3MJ, K6VAR, K8YTO, KBØL, KB2WAU, KB9WQJ, KP4KE, KTØP, LA2NI, LA2PC, LA4RT, LA8AJA, LA8HGA, LP2F, LU6DO, LY2CO, LZ1JZ, M6KLO, N2CG, N3YIM, N6MZ, N9LF, NE4W, OE6IMD, OH1BOI, OH6GDX, OH7KBF, OK1DMP, OK1ES, OK1FAI, OK2CSU, OK2PCL, OK4WM, OK7RJ, OK7SX, OM7ANO, OM7RC, OO9O, OZ1AXG, PAØRRA, PA3EBP, PA4AO, PA5O, PDØMNF, PD2EDR, PF5X, PP5VB, PYØFF, PY2EYE, PY2LED, PY2WB, R7FK, R7GX, R7HX, RA2FN, RA3DA, RA3LAL, RA3XDX, RA3ZOM, RA3ZV, RA4CON, RA9ODW, RK1AO, RN1A, RU3EJ, RU3FN, RU4CS, RU6HL, RU9YF, RV3ID, RV3LO, RWØAQ, RX9WN, RZ4FWA, S51AY, S51JQ, S59D, SMØQ, SM4DHF, SM4F, SM4YPH, SM7LPY, SN5Y, SN9Z, SO2O, SO5S, SO7O, SO8ØJ, SP2FOV, SP2MHD, SP2QCU, SP2WGB, SP3CGK, SP3DOF, SP3DSC, SP3DV, SP3HC, SP3UIW, SP4YLA, SP5ATO, SP5CIB, SP5COF, SP5EAQ, SP5ELW, SP5GDY, SP5GTI, SP5ICS, SP5LGN, SP5QNI, SP5VYI, SP6CZ, SP6M, SP6NVN, SP6ZC, SP7CVW, SP7HOV, SP8AJK, SP8EEX, SP8FHM, SP9AJM, SP9CVY, SP9FTJ, SP9GKJ, SP9HZW, SP9IKS, SP9MDY, SP9WZS, SQ1VAA, SQ5M, SQ8VJ, SQ9IWT, SQ9SBI, SV1BFW, TMØRDR, UA1AIR, UA1AJW, UA1NFA, UA1ORT, UA3AGW, UA3QLC, UA3SAQ, UA3SKV, UA6GR, UA6GU, UA9CEP, UA9LGD, UA9SOR, UN6G, UN7BEW, UN7ECA, UN7LAN, UR4IOR, UR5ZMK, UR5ZTH, US5EEK, US5NGH, US5VX, UT1HT, UT1IA, UT2XX, UT4UKW, UT4WA, UT7NY, UT7WZA, UUØJC, UU2JG, UXØZAB, UX1AA, UY5AO, VA1TM, VE2TZT, VE3KZ, VK3FGRC, W7VS, W8TN, YL2TD, YL5T, YO2CMI, YO2MKL, YO2MLC, YO3BA, YO3CCC, YO3HOT, YO4ASG, YO6CFB, YO6KNE, YO6OAF, YO8DDP, YO9KPM, ZL4CR, ZS9J.

Violation of the Rules:
Red Cards: 4L5O – unverifiable contacts; RT5Z (RA3CW), E79D – unclaimed assistance and unverifiable contacts.
Yellow Cards: RZ3AXX (RA3AKT), RN4SN – unclaimed assistance.