

Results of the 2012 CQ WW DX SSB Contest

BY RANDY THOMPSON,* K5ZD

"This was one heck of a radio experience." —NR3X

Space weather or atmospheric weather, the 2012 CQ World-Wide SSB DX Contest was a mix of good luck and bad luck. The 65th running of amateur radio's largest and most exciting contest offered plenty of fun and excitement for those who braved the elements.

Hurricane Sandy blew through the Caribbean in the week leading up to the contest. Paul, K1XM, and Charlotte, KQ1F, watched the storm pass over their hotel in Jamaica just days before the contest. They enjoyed nice weather during the contest and put 6Y9X into many logs. Brian, N3IQ, had a challenge just getting to his operating site in the Bahamas, arriving well after the contest began. He rolled out some temporary antennas, dealt with power outages, and did his best to make some contacts. Sandy broke the driven element on the tribander at VP5T on Thursday morning, leaving them with just one antenna.

In many ways we were very lucky. The storm remained out to sea in the Atlantic during the contest. The impact to operations was mostly wind and static. However, as it became clear that Sandy was going make a sharp turn into the northeastern US, many stations stopped operating to prepare for the storm. The VE2DXY team operating from northern Quebec (zone 2) stopped operating after 36 hours so they could begin the two-day drive back to New Jersey. They made it back just as roads and bridges were starting to be closed. Our best wishes for speedy recovery go out to those who experienced damaged property or antennas from Sandy. We were very lenient in granting extensions to the new 5-day log deadline for stations in the affected areas.

Over in Europe, a storm front rolled across the continent. Some stations had surprise early snowfall while others had to deal with intense

rain, wind, and lightning. This was a challenge for those contesters who set up temporary stations out in the country just for the contest. It also created very noisy conditions on the low bands.

The space weather was also a mixed bag. Even though the solar flux was declining in the days leading up to the contest, there was still enough ionization to have the high bands hopping. As the saying goes, "There's no meters like 10 meters." While conditions were not as spectacular as in 2011, they were enough to generate plenty of fun with activity from 28.3 to well over 29 MHz. There were even QSOs reported on 10 meters FM! Some stations reported achieving DXCC in less than 6 hours just on 10 meters.

Of course the good high-band conditions caused extra absorption on the low bands. It was difficult to work across the pond between the US and Europe on 160 meters and even 75 meters was a challenge. Activity was down as stations skipped the low bands to chase DX on 10, 15, and 20 meters.

We received a record 8,189 logs with activity reported from 237 entities! Some of the exotic DX that made this year's CQ WW SSB so special included 3A2MG, 5R8UI, 5W1SA, 9H9X, A92GR, AH0/N0AT, AP2IA, C37NL, D2QMN, FK8DD, FR5GS, GJ2A, H44RK, J38T, J69DS, JW2US, JY4CI, P29FR, PJ6/G4IUF, PJ7/WW4CP, R11FJ, T6LG, T88KV, TK9R, TR8CA, V26B, V47JA, VP8ON, Z60WW, and ZD8O.

Single Operator

It's becoming a familiar story: Jim, W7EJ, heads to CN2R and Tom, W2SC, goes to 8P5A. Each operates 45+ hours at an incredibly low error rate to see who can take home the overall victory for high power all bands. Willy, UA9BA, at UP2L and Toni, OH2UA, at CR2X were neck and neck for third spot. That's four different continents represented in the first four places! Dave, NH2T, put up a big score from far away in Guam to finish 8th overall.

You've heard the theater expression "break a leg" to wish good luck? Well, Marko, N5ZO, literally broke his arm to put ZD8O in your log. Marko fell and fractured his wrist while setting up for the contest. He passed up a chance to fly home and decided to do the contest. It was total one-hand operation from beginning to end! He arrived home the Friday after the contest and went straight to the hospital to have the arm repaired.

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The operating team at 9M2SM made over 1000 contacts in the multi-single category. From left 9W2SBD, 9M2GET, 9M2OUT(YL), 9W2SBL, 9M2MZ, and 9W2AZE.



Mike, K7ULS, operated from the 9,000 ft. Powder Mountain ski area in UT, wading through 3 feet of snow to do a single band effort on 10m!

2012 WW DX SSB TROPHY WINNERS AND DONORS

SINGLE OPERATOR, ALL BANDS

World
CN2R (Op: James Sullivan, W7EJ)
 Donor: Southern California DX Club

World – Low Power
TO2A (Op: Rich Smith, N6KT)
 Donor: Slovenian Contest Club

World – QRP
Doug Zweibel, KR2Q
 Donor: Jeff Steinman, N5TJ

World – Assisted
ER4A (Op: Serge Rebrov, UT5UDX)
 Donor: Glenn Johnson, W0GJ

World – Assisted Low Power
P48T (Op: Robert Wood, W5AJ)
 Donor: Gail Sheehan, K2RED

U.S.A.
Doug Grant, K1DG
 Donor: Potomac Valley Radio Club – KC8C Memorial

U.S.A. – Low Power
Edward Sawyer, N1UR
 Donor: North Coast Contesters

U.S.A. – QRP
Randal Shirbroun, ND0C*
 Donor: Pat Collins, N8VW

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

U.S.A. – Assisted Low Power
James Bowman, KS1J
 Donor: LA9Z/LN9Z Leia Contest Club

U.S.A. Zone 3
Mitch Mason, K7RL
 Donor: Dave Pruett, K8CC & Greg Surma, K8GL

U.S.A. Zone 4
Steve London, N2IC/5
 Donor: Dave Pruett, K8CC & Greg Surma, K8GL

Europe
CR2X (Op: Toni Linden, OH2UA)
 Donor: Potomac Valley Radio Club – W4BVV Memorial

Europe – Low Power
OE4A (Op: Christian Janssen, DL1MGB)
 Donor: Tim Duffy, K3LR

Europe – QRP
Miguel Angel Devora, EA1BP
 Donor: Steve "Sid" Caesar, NH7C

Europe – Assisted
YP9W (Op: Tiberiu Tebeila, YO9GZU)
 Donor: Martin Huml, OL5Y

Europe – Assisted Low Power
Kristjan Kodermac, S50XX
 Donor: Alex Goncharov, R3ZZ

Africa
ZD8O (Op: Marko Myllymaki, N5ZO)*
 Donor: Chris Terkila, N1XS

Asia
UP2L (Op: Vladimir Umanets, UA9BA)
 Donor: Nodir Tursoon-Zadeh, EY8MM

Caribbean/Central America
8P5A (Op: Tom Georgens, W2SC)
 Donor: Alex M. Kasevich, 8R1A

Canada
XL3A (Op: Ron Vander Kraats, VE3AT)
 Donor: Contest Club Ontario – VE3WT Memorial

Russia
RM3F (Op: Andy V. Melanyin, UA3DPX)
 Donor: Roman Thomas, RZ3AA

Japan
Masaki Masa Okano, JH4UYB
 Donor: Dan Handa, W7WA – W7RM Memorial

Japan – Low Power
Yuichi Yamazaki, JJ1VRO
 Donor: Western Washington DX Club

Oceania
Dave Mueller, NH2T
 Donor: Barbara Yasson, AC7UH

South America
PS2T (Op: Hamilton Oliveira Martins, PY2YU)
 Donor: Yankee Clipper Contest Club

Southern Cone (CE CX LU) – Low Power
Miguel Castellano, LU5FMC
 Donor: LU Contest Group

SINGLE OPERATOR, SINGLE BAND

World – 28 MHz
PX5E (Op: Sergio Lima de Almeida, PP5JR)
 Donor: Joel Chalmers, KG6DX

World – 21 MHz
GM5X (Op: Keith Kerr, GM4YXI)
 Donor: Robert Naumann, W5OV

World – 14 MHz
Christopher Ellis, 9Y4D
 Donor: North Jersey DX Assn. – K2HLB Memorial

World – 7 MHz
Dusan Ceha, YT8A
 Donor: Fred Laun, K3ZO – K7ZZ Memorial

World – 3.7 MHz
Axel Serena, EB3CW
 Donor: Fred Capossela, K6SSS

World – 1.8 MHz
3V8CB (Op: Hrane Milosevic, YT1AD)
 Donor: Martin Monsalvo, LU5DX & Carlos Monsalvo, LU6EBY – LU8DQ Memorial

U.S.A. – 28 MHz
Tom Frenaye, K1KI
 Donor: Donald Thomas, N6DT

U.S.A. – 21 MHz
Larry Pace, N7DD
 Donor: 11PM Dayton Pizza Gang

U.S.A. – 14 MHz
Conrad Romberg, N5CR/7
 Donor: Yankee Clipper Contest Club – KC1F Memorial

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

U.S.A. – 3.7 MHz
Sherwin Tames, W4QNW
 Donor: CQ magazine

U.S.A. – 1.8 MHz
Manuel Fonseca, Jr., W2MF
 Donor: Glenn Johnson, W0GJ

Europe – 28 MHz
TM8T (Op: Gildas Balanec, TU5KG)
 Donor: Charles Dietz, W5PR

Europe – 21 MHz
9A5Y (Op: R.C. Jan Hus, 9A3LG)
 Donor: Tine Brajnik, S50A

Europe – 14 MHz
Siggi Jakobsson, TF3CW
 Donor: Charles Wooten, NF4A

Europe – 7 MHz
Juris Seilis, YL3FT*
 Donor: Central Texas DX and Contest Club – NT5C Memorial

Europe – 3.7 MHz
Vemic Miroslav, YT4A*
 Donor: Ted Demopoulos, KT1V

Europe – 1.8 MHz
Fabio Piccinin, I4FYF
 Donor: Robert Kasca, S53R

Carib./C.A. (28 MHz)
ZF2AH (Op: Joseph F. Hyprnarowski, W6VNR)
 Donor: Nate Moreschi, N4YDU

Oceania (28 MHz)
Joel Chalmers, KG6DX
 Donor: Bruce D. Lee, KD6WW

Asia (14 MHz)
4X2M (Op: Arthur Avrunin, 4X4DZ)
 Donor: Dallas/Fort. Worth Contest Group – W5PG Memorial

MULTI-OPERATOR, SINGLE TRANSMITTER

World
D4C (Ops: I4UFH, IK1HJS, IZ4DPV, IZ4UEZ, HB9DUR)
 Donor: So. Calif. DX Club – W6AM Memorial

U.S.A.
K1LZ (Ops: K1LZ, K1VR, KB1RDZ, AE2W, N2WQ, W2GB, K3JO, VY2ZM)
 Donor: Carolina DX Association

Africa

CR3A (Ops: CT1BOH, CT1FFU, CT3BD, CT3DL, CT3DZ, CT3EE, CT3EN, CT3KU, CT3KY)*
 Donor: Doc Sayre, W7EW

Asia

P33W (Ops: LZ3FN, R5GA, UA4FER, UA4FQI, RT9T, R3DCX, RW4WR, 5B4AIE, RA3AAU)
 Donor: Edward L. Campbell, NX7TT – AA6BB and KA6V Memorial

Europe

EI7M (Ops: EI8IR, EI3JE, EI3JZ, EI3KD, EI4HQ, G4CLA, EI2I)
 Donor: Bob Cox, K3EST

Oceania

KH7X (Ops: KH6ND, KH6SH, KH7U, N9RV)
 Donor: Junichi Tanaka, JH4RHF

South America

P40L (Ops: P43A, W2GD, W6LD)
 Donor: Victor Burns, K1GIM – The Cuba Libra Contest Club

Caribbean/Central America

NP4Z (Ops: NP4Z, N5TJ, NP3O)
 Donor: Bob Raymond, WA1Z

Japan

JM1LPN (Ops: JG1VGX, JM1LPN, JI6CUK)
 Donor: Arizona Outlaws Contest Club

MULTI-OPERATOR, TWO-TRANSMITTERS

World

PJ4X (Ops: K1XX, W1MD, K2NG, NA2AA, KM3T, WA3LRO)
 Donor: Array Solutions

U.S.A.

K9CT (Ops: K3WA, K9CT, K9QQ, K9ZO, KB9UWU, N7WB)
 Donor: Kimo Chun, KH7U & Mike Gibson, KH6ND – Dan Robbins, KL7Y Memorial

Europe

TM6M (Ops: F1AKK, F4AJ, F4CWN, F4DRT, F4DXW, F4EGZ, F5TTU, F8DBF, F8KJ)
 Donor: Aki Nagi, JA5DQH

Oceania

AH0BT (Ops: 7L1FPU, JG8VCM, W1FPU, AH0BT)
 Donor: CQ magazine

MULTI-OPERATOR, MULTI-TRANSMITTER

World

C5A (Ops: OK1DIX, OK1DO, OK1FFU, OK1JKT, OK1NY, OK1RI, OK1VVT, OM5AW, OM5MC, OM6NM)
 Donor: Dave Leeson, W6NL & Barb Leeson, K6BL

U.S.A.

K3LR (Ops: K3LR, N2NC, N5UM, KB8VAO, W5OV, W2RQ, K3LA, K8CX, N3SD, K1AR, N2NT, DL6LAU, K3UA, N3GJ, LU7DW, WM2H)
 Donor: Jim Lawson, W2PV Memorial

Europe

DR1A (Ops: DB6JG, DF6JC, DJ7EO, DK6WL, DL1QQ, DL3ABL, DL3BPC, DL3DXX, DL6FBL, DL8WPX, DM3DA, SP3LPG, JK3GAD, PA1TX, PC5A)
 Donor: Finnish Amateur Radio League

Japan

JA5FDJ (Ops: JA5FDJ, JA5FBZ, JM1UWB, JN4FEU, JH4FIS, JH5FXP, JH5RXS, JR5IAH, JR5JQA, JJ5GMJ)
 Donor: Masahiro Kitagawa, JH3PRR

Oceania

ZM4T (Ops: ZL2AL, ZL2ST, ZL3IO, ZL2IFB, ZL2CC, ZL2MY, ZL2WG)
 Donor: Tack Kumagai, JE1CKA – JR2GMC and JA9SSY Memorial

Xtreme

KH6MB (Ops: AH6NF, AH6S, KH6MB, W7TAE, W0CN, WH6R, WH7W)
 Donor: Tim Duffy, K3LR – John Kanzius, K3TUP Memorial

CONTEST EXPEDITIONS

World Single Operator

T09R (Op: Robert Kasca, S53R)
 Donor: National Capitol DX Association – Stuart Meyer, W2GHC Memorial

World Multi-Op

VP2MDG (Ops: K2DM, G3NKC, G4XUM, GM4AFF)
 Donor: Gail Sheehan, K2RED

**Awarded to second place finisher*

2012 CQ WW DX SSB TOP SCORES

WORLD

SINGLE OPERATOR HIGH POWER ALL BANDS	
CN2R (W7EJ).....	16,026,725
8P5A (W2SC).....	15,793,964
UP2L (UA9BA).....	12,286,230
CR2X (OH2UA).....	12,195,795
XL3A (VE3AT).....	11,882,025
403A (ES5TV).....	11,144,378

28 MHz	
PX5E (PP5JR).....	2,753,100
EY8MM.....	1,851,057
LU7HN.....	1,342,935

21 MHz	
GM5X (GM4YXI).....	1,758,234
PW5G (PP5WG).....	1,585,665
6V7S (RK4FF).....	1,455,246

14 MHz	
9Y4D.....	2,095,760
TF3CW.....	1,387,337
PR5B (PY2LSM).....	1,311,714

7 MHz	
YT8A (YU1EA).....	937,986
W7WA.....	390,184
YL3FT.....	347,334

3.7 MHz	
EB3CW.....	195,720
YT4A.....	120,244
OM7RU.....	116,947

1.8 MHz	
3V8CB (YT1AD).....	98,532
IF4FY.....	62,166
LY7M.....	58,090

SINGLE OPERATOR LOW POWER ALL BANDS	
TO2A (N6KT).....	7,897,578
EFR8.....	5,824,640
3V8BB (KF5EYY).....	5,528,813
N1UR.....	4,213,924
VP9I (N1SV).....	3,795,930
OE4A (DL1MGB).....	3,690,528

28 MHz	
A65BB (S57CQ).....	1,333,402
EABTX.....	940,572
FU2LEP.....	892,308

21 MHz	
FY5KE (FY5FY).....	1,651,590
H13K.....	696,592
OD5O (OD5NJ).....	646,806

14 MHz	
FM5FJ.....	756,844
NP4G.....	691,842
4Z4AK (UT7DK).....	308,737

7 MHz	
UY2UQ.....	84,002
PY6TS.....	72,847
OM0A (OM0AAO).....	62,153

3.7 MHz	
EA3GXJ.....	64,525
F5BEG.....	58,968
OK1FPS.....	48,447

1.8 MHz	
SQ9IAU.....	14,500
ER2RM.....	11,270
SQ4JEN.....	8,789

SINGLE OPERATOR QRP ALL BANDS	
KR2Q.....	1,106,352
JA6GCE.....	815,110
ND0C.....	775,032
VA3DF.....	732,888
JR4DAH.....	575,130
EA1BP.....	517,608

28 MHz	
W5GAI.....	249,390
JR3RWB.....	163,328
YO8SSB.....	157,905

21 MHz	
I4PZP.....	61,509
SP5DDJ.....	59,874
SP4LVK.....	52,325

14 MHz	
E77TA.....	69,542
K3TW4.....	44,590
SP3DRM.....	25,872

7 MHz	
EE3C (EA3CKX).....	27,307
E73TTT.....	24,938
SP2QOT.....	21,087

3.7 MHz	
OL4W.....	19,488
SQ9OUD.....	9,222
SQ8MFB.....	9,000

SINGLE OPERATOR ASSISTED HIGH POWER ALL BANDS	
ER4A (UT5UDX).....	8,963,856
K3WW.....	7,274,190
YP9W (YO9GZU).....	7,189,914
OE6Z (OE6MBG).....	6,919,572
TK9R.....	6,831,360
S57DX.....	6,725,880

28 MHz	
KG6DX.....	1,414,172
K4XS.....	1,249,362
YT9A.....	1,228,296

21 MHz	
OK8WW.....	1,545,502
DL2ARD.....	1,487,997
YY2TT (K6LA).....	1,433,965

14 MHz	
OK7K (OK1BN).....	1,535,100
OL9Z.....	1,013,166
GW9T (MW0ZZK).....	984,012

7 MHz	
4Z1UF.....	638,472
S56X.....	410,400
N6SS/7.....	330,624

3.7 MHz	
HF5D (SP5LS).....	179,218
E19HX.....	148,575
9A2U (9A2R).....	120,714

1.8 MHz	
LN9Z (LA5KO).....	82,880
OK1T (OK1TP).....	47,961
HF8J.....	46,694

SINGLE OPERATOR ASSISTED LOW POWER ALL BANDS	
P40T (W5AJ).....	7,153,728
Z22T (PY2MNL).....	3,339,245
RV9UP.....	3,107,889
DJ7WW.....	2,740,692
YV8AD.....	2,710,738
KS1J.....	2,696,583

28 MHz	
PY1NX.....	1,443,918
EA8MT.....	1,315,584
EA9RY.....	747,099

21 MHz	
HA4XH.....	629,589
EA5IDG.....	504,127
W6AFA.....	284,970

14 MHz	
NP3X (WP3A).....	653,224
S52OT.....	564,900
YT7B.....	460,886

7 MHz	
RK6CC.....	109,208
EI4CF.....	104,656
VE9ML.....	62,510

3.7 MHz	
F1EBN.....	78,584
S51CK.....	70,152
VE1SKY.....	63,210

1.8 MHz	
VE3MGY.....	10,560
UT1AN.....	9,338

SINGLE OPERATOR ASSISTED QRP ALL BANDS	
C45T (5B4MF).....	1,666,782
YO8WW.....	703,830
RT4W.....	574,938
HA7YS.....	241,400
IV3AOL.....	210,375
OZ6OM.....	202,860

28 MHz	
I0UZF.....	239,008
R7NA.....	91,590
R1DX.....	81,322

21 MHz	
HA0GK.....	52,560
SV1NK.....	51,980
YP0CW (Y06EX).....	29,325

14 MHz	
RK9Q (RW9QA).....	121,847
IZ0FUW.....	30,624
ZP5WBM.....	14,820

3.7 MHz	
HA7I (HA7JTR).....	21,700
4L9OQ (UR9OQ).....	13,392
I2/Z3IBL.....	11,100

MULTI-OPERATOR SINGLE TRANSMITTER	
D4C.....	25,318,656
CR3A.....	24,192,091
P33W.....	21,615,136
P40L.....	18,963,624

E17M.....	17,349,223
RF9C.....	17,108,400

MULTI-OPERATOR TWO-TRANSMITTER	
PJ4X.....	32,580,440
CN3A.....	32,405,650
VE3EJ.....	22,489,220
TM6M.....	21,534,621
PW7T.....	20,014,800
VP2MDG.....	19,866,889

MULTI-OPERATOR MULTI-TRANSMITTER	
C5A.....	41,351,002
HK1NA.....	36,147,240
K3LR.....	33,378,413
PJ2T.....	30,868,620
W3LPL.....	27,194,496
DR1A.....	26,585,552

UNITED STATES SINGLE OPERATOR HIGH POWER ALL BANDS	
K1DG.....	9,202,690
W2RE.....	7,875,142
K4ZW.....	7,499,304
K1ZR.....	6,521,310
K3CR (LZ4AX).....	6,404,463
N2IC/5.....	6,012,522

28 MHz	
K1K1.....	1,049,238
W4ZV.....	1,009,491
WB9Z.....	938,836

21 MHz	
N7DD.....	869,403
N5ZC.....	345,917
NX1P/7.....	260,145

14 MHz	
N5CR/7.....	158,212
W8ZR/5.....	121,296
KD8SQ.....	71,020

7 MHz	
W7WA.....	390,184
AE1P.....	26,322

3.7 MHz	
K9FY/4.....	12,000
K4CC.....	8,100

1.8 MHz	
W2MF.....	6,900
N7GP (NS1A).....	4,247
W2VO.....	4,032

SINGLE OPERATOR LOW POWER ALL BANDS	
N1UR.....	4,213,924
N5AW.....	2,596,044
N8AA.....	2,263,261
N8AV.....	2,174,654
K2PO/7.....	1,922,831
N4TZ/9.....	1,884,948

28 MHz	
N800/5.....	566,352
K2PS/3.....	399,304
WD5K.....	338,520

21 MHz	
KU2M.....	477,900
N4MO.....	177,208
K8OZ/5.....	128,778

14 MHz	
N4DL.....	134,125
WB2TFM/4.....	113,616
K6HNZ.....	100,674

7 MHz	
N2HR.....	21,442
K9CJ.....	16,445

1.8 MHz	
W8CO.....	605

SINGLE OPERATOR QRP ALL BANDS	
KR2Q.....	1,106,352
ND0C.....	775,032
W6QU (W8QZA).....	733,996
K8ZT.....	241,976
N1TM.....	198,875
KT8K.....	185,744

28 MHz	
W5GAI.....	249,390
N8MWK.....	71,390
W6AQ.....	40,986

21 MHz	
A14BJ.....	38,180

14 MHz	
K3TW4.....	44,590

SINGLE OPERATOR ASSISTED HIGH POWER ALL BANDS	
K3WW.....	7,274,190

W3UA/1.....	5,808,101
AA3B.....	5,601,870
K0KX.....	5,066,796
N2MM.....	4,543,776
N2BJ/9.....	4,419,184

28 MHz	
K4XS.....	1,249,362
N4BP.....	685,260
N0VD.....	601,868

21 MHz	
N3RD.....	1,353,534
K3EST/6.....	856,892
KV0Q.....	760,950

14 MHz	
KG1E.....	384,908
N4RA.....	74,160
WR2G.....	39,800

7 MHz	
N6SS/7.....	330,624
K1GU/6.....	315,126

3.7 MHz	
W8RA.....	15,914
KU5B.....	7,616

1.8 MHz	
N6RO.....	1,825
NX5M.....	1,768

SINGLE OPERATOR ASSISTED LOW POWER ALL BANDS	
KS1J.....	2,696,583
W1NT.....	2,062,866
K4LY.....	1,818,837
W3KB.....	1,701,656
KAZD.....	1,501,504
AB3CX/2.....	1,479,869

28 MHz	
KT4ZB.....	259,590
K9LA.....	254,082
W9ILY.....	195,481

21 MHz	
W6AFA.....	284,970
N9TGR.....	267,494
K7XC.....	142,058

14 MHz	
W5ZO.....	53,880
KK7AC.....	13,300
N9LAH.....	9,000

7 MHz	
K9GS.....	24,964
NA5NN (K2FF).....	4,788

3.7 MHz	
K5DXA.....	3,468

1.8 MHz	
K2FF/5.....	600
KG9Z/8.....	528

SINGLE OPERATOR ASSISTED QRP ALL BANDS	
NN7SS (K6UFO).....	56,917

MULTI-OPERATOR SINGLE TRANSMITTER	
K1LZ.....	13,607,650
N5DX.....	10,602,090
W2FU.....	9,289,368
N8AZ.....	8,622,468
N4WW.....	8,116,680
W1NA.....	7,447,385

MULTI-OPERATOR TWO-TRANSMITTER	
K9CT.....	10,754,568
WK1Q.....	9,510,053
K2LE/1.....	8,295,938
KB1W.....	6,876,747
KM1W.....	6,579,680
N0IJ/9.....	5,182,025

MULTI-OPERATOR MULTI-TRANSMITTER	
K3LR.....	33,378,413
W3LPL.....	27,194,496
KC1XX.....	23,568,284
N04I.....	12,410,959
WARM.....	11,167,952
W0AII/9.....	9,724,112

21 MHz	
GM5X (GM4YXI).....	1,758,234
9A5Y (9A3LG).....	1,349,979
CS2C (OK1RF).....	1,275,850

14 MHz	
TF3CW.....	1,387,337
OH0V (OH6LI).....	1,173,680
UA2K (UA2FB).....	1,063,962

7 MHz	
YT8A (YU1EA).....	937,986
YL3FT.....	347,334
CT2TR.....	239,580

3.7 MHz	
EB3CW.....	195,720
YT4A.....	120,244
OM7RU.....	116,947

1.8 MHz	
I4FY.....	62,166
LY7M.....	58,090
UT5UGR.....	43,617

SINGLE OPERATOR LOW POWER ALL BANDS	
OE4A (DL1MGB).....	3,690,528
LY9A.....	3,244,440
DJ5MW.....	2,674,100
YL0Y (YL2GQT).....	2,263,470
E1A (ON4EI).....	1,798,028
RN6HCW.....	1,569,480

28 MHz	
E74A.....	684,634
IZ7PDX.....	350,928
DL0JUB (DL6YAO).....	342,584

21 MHz	
DL4MCF.....	375,896
LZ2JA.....	244,382
IT9RYJ.....	167,376

14 MHz	
YO8TNB.....	203,835
UT3EV.....	155,648
HF3T (SP3FYX).....	153,000

7 MHz	
UY2UQ.....	84,002
OM0A (OM0AAO).....	62,153
DL8AAM.....	58,800

3.7 MHz	
EA3GXJ.....	64,525
F5BEG.....	58,968
OK1FPS.....	48,447

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Xtreme Category Results

By Doug Grant, K1DG

The Xtreme category allows stations to experiment and test leading edge technology within the CQ WW DX Contest. Scoring is based on final contest score combined with an innovation score. Four stations entered the Xtreme category this year. All used at least one remote station.

LA9GY participated in the 10M single-band category using a very simple remote setup with RemoteRig software and a TS480 at his remote station.

W7PRC described their system as follows: "We used a bit of everything! We had a Linux server for a VPN connecting all of our stations, with Windows machines and N1MM connected to the radio gear. Oh, and we used Amazon EC2 (Cloud services) to set the VPN up in the cloud, with a 'master' N1MM machine there... It really was a great way to all work together (we were sending messages back and forth during the contest to communicate) even when we couldn't all be at the same place at the same time." This may be the first instance of "cloud computing" in a contest station.

The IQ8MD team had stations all over Italy, connected with various links and software, with one station completely remote-controlled. This team has been adding to their system every year.

The KH6MB team had all of their operators at one station, with two remote stations elsewhere on Oahu linked via Hamachi VPN. They added several pieces of homebrew hardware such as watchdogs, automatic antenna switches, and tuners. Their excellent 9.8M point contest score was the highest among Xtreme entrants, giving them 100 normalized "score points." Combined with their innovation score of 70 points (out of 100 possible), their 170 total score earned them the K3TUP Memorial plaque as winners of the Xtreme category.

Station	Contest Score	Normalized Score	Innovation Points	Xtreme Score	Operators
Multi-Operator					
KH6MB	9,839,200	100	70	170	AH6NF, AH6S, KH6MB, W7TAE, W0CN, WH6R, WH7W
IQ8MD	5,614,845	57	70	127	IZ5MMB, IZ5MOQ, IZ8BGY, IZ8WLZ, IZ8HXG, IZ8MWG, IZ8FFZ, IZ8CCW
W7PRC	3,096,729	31	68	99	K7EDX, K7BTW, N9ADG
Single-Operator					
LA9GY	3,663	100	20	120	

We all share and appreciate a passion for contesting, but stay safe out there!

Doug, K1DG, easily took the top spot for the USA from his station on an island in Maine. Doug made this comment after the contest: "Sure wish all our phone bands were as wide as 10 meters." Ray, W2RE, and Ken, K4ZW, battled it out for second. With Toni at CR2X taking the top Europe score, it was up to Tönno, ES5TV, at 4O3A and Philippe, LX7I, to fight it out for second. Both had weather or equipment problems that cost operating time or they might have given Toni a closer race.

Rich, N6KT, travelled to French Guiana and operated as TO2A to win the low power category. Rich has won the world high power category an incredible 9 times. Now he can add a low power plaque to his wall. It was really close between two Africans for second spot. Juan, EA8CAC, operating as EF8R, just finished ahead of Ashraf, KF5EYY, at 3V8BB. The next two scores were from North America with Ed, N1UR, as the top USA and finishing ahead of Les, N1SV, operating as VP9I. Continuing the pattern, the next 3 scores were from Europe with Christian, DL1MGB, winning from OE4A in Austria, finishing ahead of Gediminas, LY9A, and Manfred, DJ5MW.

Single Operator Assisted

The Assisted category continues to grow in popularity. There were 956 logs submitted for the high power all bands category. Serge, UT5UDX, visited ER4A to put it at the top of the standings. Chas, K3WW, finished second in the world. Serge had the highest multiplier of any

single operator station with 169 zones and 623 countries!

There were 669 entries for low power all bands. P40T operated by Robert, W5AJ, easily won the category. The race for second was very close among Wanderly, ZZ2T, Alexey, RV9UP, and Peter, DJ7WW. The top USA score was by Jim, KS1J.

Single Bands

Ten meters was the busiest band of the weekend. Sergio, PP5JR, operating as PX5E had

the highest single band score in the contest. He found 39 zones (missed zone 29) and 151 country multipliers, but was still well short of the record set back in 2001. Second place was a very nice score from Nodir, EY8MM. Tom, K1KI, and Bill, W4ZV, had an extremely close race for the top USA score, but Tom ultimately prevailed.

Fifteen meters was very competitive with three stations on three continents mixing it up for the top spot. Keith, GM4YXI, pushed GM5X to the top while working 39 zones (missed zone 23) and 142 countries. Second place was



This impressive antenna farm and Barbados operating paradise is well known on the bands as 8P5A (operated by W2SC).

another operation from the PP5JR station with Walter, PP5WG, operating as PW5G. Vlad, RK4FF, put 6V7S into third.

Twenty meters was hot and cold. Christopher, 9Y4D, was hot and took the win. Sigg, TF3CW, added a second Yagi to his cold weather gear and took second place.

The low bands suffered with high absorption, static, and reduced activity. Dusan, YU1EA, did his usual fantastic score on 40 meters. Dan, W7WA, made a last-minute decision to try 40 meters and was rewarded with second place in the world—difficult work from the Pacific Northwest. Seventy-five meters was dominated by Europeans with Axel, EB3CW, taking the victory. Hrane, YT1AD, visited 3V8CB, and finished first on 160m.

Mauri, OH2BYS, operated as EF8S single band on 160 meters during the contest. He had a surprise when he arrived at the operating site: Thieves had stolen all of the copper wire in the station (coax, electrical cables, even some of the loading coil from inside the amplifier)! The passion for the CQ WW will not be denied and Mauri was able to rig up an antenna to enter the contest. Speaking of passion, Eddy, LU2DKT, operated 160 meters far from the contesting action. He tuned the band full time on the second night and was only able to make two contacts!

The low power single band competitions were dominated on each band by one great effort. On 10 meters, it was A65BB with Dane, S57CQ, at the microphone working lots of Europeans to win over Fernando, EA8TX. Didier, FY5FY, operated as FY5KE and set a new world record score! Gilbert, FM5FJ, braved the QRM on 20 meters to set a new

North American record with Jose, NP4G, very close behind.

Take a look at the World Top Scores box in this issue (plus the expanded top scores boxes on the web) for the single band assisted categories. The competition was really intense among the top scorers. Boban, YT9A, was just 3000 points ahead of Daniel, E73M, for top European score on 10 meters. Richard, OK8WW, and Oliver, DL2ARD, were just 60K apart on 15 meters.

QRP

You have to admire the QRP entrants who brave the QRM armed with only 5 watts and their best operating skills. The world high score went to Doug, KR2Q, who managed to work 1002 QSOs! Second place was Nob, JA6GCE. Randy, ND0C, finished in third place and was happy to have achieved QRP DXCC in a weekend with 106 different entities worked. The wide-open spaces of 10 meters attracted the most QRP entries and turned in the best scores with Skip, W5GAI, winning the world.

The top QRP Assisted score was by Spyros, 5B4MF, operating his new callsign C45T. You may remember him previously as H22H. Francesco, I0UZF, had the top QRP assisted single band score—on 10 meters of course.

Multi-Operator

There were 356 entries in the Multi-Operator Single-Transmitter category. Some teams are just in it for fun and DX while others are pushing their operators and equipment to the limit. The winner was D4C operating from Cape Verde. The five-operator team was the only

CQ WW SSB on Video

Video is a great way to share the sights and sounds of operating the CQ WW Contest. Check out these videos we found on You Tube.

D4C – Cape Verde Isl.: http://www.youtube.com/watch?v=i4L_BTWfda
 E14GYB – CQ WW CONTEST 2012 SSB: <http://www.youtube.com/watch?v=fXtuwCLedcg> and
<http://www.youtube.com/watch?v=11OXLhVmwbs>
 CQ WW 2012 from VK2GGC: <http://www.youtube.com/watch?v=h9iu5FppBtw>
 CQ WW SSB 2012 Contest Jumanji Field HK1NA: <http://www.youtube.com/watch?v=mpVMH8uIDEA>
 Lincoln short Wave Club CQWW 2012 G5FZ: <http://www.youtube.com/watch?v=bWPIFhNumc>
 CQ WW SSB 2012 China long path at KD4YDD: <http://www.youtube.com/watch?v=DfemLI6SyQ8>
 RUØFM in CQWW 2012 PHONE, op. Vlad RCØF: <http://www.youtube.com/watch?v=XsZrXkLbEmA>
 ED5T CQWW SSB 2012: http://www.youtube.com/watch?v=q_fxQEzrsCc
 SN7H CQWW 2012 SSB: <http://www.youtube.com/watch?v=XQ09xEa0T38>
 G9D Ham station in CQWW 2012: <http://www.youtube.com/watch?v=fJiTOFuvjjo>
 CQWW DX Contest 2012 JA1YPA: <http://www.youtube.com/watch?v=8EHISK17ef8>

Multi-Single to break the 10K QSO barrier. Check out their You Tube video for a look at the fantastic mountaintop operating location. Very close behind was the Madeira Contest Team at CR3A. The top European team was EI7M. The extra work they put in over the summer on a new tower and antennas paid off! K1LZ had the top USA score and was tenth place in the world.

The Multi-Operator Two-Transmitter category continues to grow in popularity, with 108 entries this year, and is a great category for those who want to work all the DX they can find on two bands at a time. The race for top score was between PJ4X in Bonaire and CN3A in Morocco. Both teams had over 13,000 contacts! The final order of finish was determined by logging accuracy. VE3EJ made a very strong entry to finish third over the top European score from TM6M. The top USA score was from the new superstation of K9CT in Illinois. It's quite an accomplishment to win a major category from the Midwest.

The Multi-Operator Multi-Transmitter category is the land of the giants. These stations cover all of the bands for 48 hours in an effort to work every available contact and multiplier. A group of ten Czech contesters travelled to Gambia and assembled their station Field Day style on the beach to operate as C5A. They made nearly 17,000 contacts with over 5,000 on 10 meters! Second place went to the team at HK1NA operating from their growing station in Colombia. You can view their impressive station at <<http://hk1rjumanji.dxarc.org/>>. The top USA entry and third overall was by the A-list of operators at K3LR in western Pennsylvania.

This was K3LR's 8th consecutive year as top USA Multi-Multi in CQ WW SSB!

Team Competition

There were 27 team entries this year. A team must be preregistered and may consist of any five single operator entries. Several clubs used this as a way to develop some friendly internal competition. The World Wide Young Contesters put together the top two teams with Strike Team Alpha beating Strike Team Beta. The Minnesota Wireless Association entered four teams, with Team Loon taking the third spot. See the team results box for a complete list of scores and participants.

Final Thoughts

This is the first time in more than 30 years that Bob Cox, K3EST, has not been involved in the adjudication or reporting of the CQ WW Contest results. Bob retired last September after doing a fantastic job for many years. For that we offer our thanks and admiration! We expect to see him more often on the bands now that he has more time!

As you might expect, there is a team of people behind the CQ WW Contest. You can see the full list on the cqww.com website. There is a working group that helps you submit your logs and cleans up any formatting or other errors that prevent the logs from being checked correctly. We had help from volunteers to type in the 78 paper logs so they could be included in the checking. Another group works on investigating those logs where we suspect there may be a rules violation. We look forward to the day

2012 WW DX SSB Team Scores

WWYC Strike Team Alpha (CR2X, 4O3A, LX7I, OHØX, NN3W)	45,088,482
WWYC Strike Team Beta (NH2T, NR3X/4, OT1A, OQ5M, DK5TX)	23,021,240
Minnesota Wireless Assn Team Loons (KØKX, V31MW, WØRX, KØRC, KØCN)	14,222,546
Carolina DX Association (N4ZC, W3OA/4, W3GQ/4, K4LY, W7DO/4)	12,363,413
Team LUCG (LT1F, LU6FOV, LU1DK, AY3D, LU6KA)	9,392,325
KTU Radio Club (LY9A, LY4T, M7A, LY6A, LY1R)	8,737,744
Team Orca (VC3X, VA7ST, VA7BEC, VA7FC, VE7XF)	6,926,709
DXXE Super Dawgs (EF8R, XE1CT, XE1YYD, XE3N)	6,240,170
RIO DX CONTEST TEAM (PY9MM, PY1ZV, PY1NX, PY1EW, PU1MKZ)	5,416,388
MCC Alpha Team (VE9HF, VE1ZA, VE1ZD, VE1JS, VE9OA)	4,656,898
GMC CW Ops (KQØC, NØKE, WØETT, NØHF, WØRAA)	3,571,618
Minnesota Wireless Assn Team Eelpout (NXØX, NØBK, NDØC, NØBU)	3,144,636
Minnesota Wireless Assn Team Mosquito (K1ØF, KØAD, KØHB, KØMPH)	2,726,994
SMC Goblins (AL9A, W9XT, T6MO, KB9NW, K9GS)	2,717,638
DXXE Dawgs (EA8MT, XE2S, XE1NW, HK3W)	2,545,120
Minnesota Wireless Assn Team Walleye (ACØW, WØERP, WØZF, KA8HDE/Ø, WGØM)	2,369,970
MCC Top Ten Men (VE9AA, VE1OP, VY2LI, VE1AL)	1,985,629
SMC Ghosts (NV9L, K9IR, K9ZM, WU9D, AF9J)	1,374,150
Louisiana Contest Club Team#1 (K5ER, KG5VK, KC5WA, WH5H)	1,291,764
BAHIA DX (PT6B, PY1PL, PU1KGG, PY6TS, PY1JR)	884,939
Youngsters on the Air (PA2LS, SA7BUU, OH2FKX, PD5LKM, OH2O)	820,279
GRATE - Teresópolis - RJ (PY1SX, PY1NB, PY1ON, PU1TYZ)	651,794
Rio DX Group 1548 (PY8WW, PY1KR, PU5UA1)	544,731
APIAI DX TEAM (PY2COY, PY2JCM, PY2ABN, PY2BEK)	322,634
MCC Team #3 (VE1BVD, VE1SKY, VE9ML)	224,474
Blue Ridge ARC (AI4GR, NA4X, K2SST/4)	175,700
Osorno Contest Team (XQ6BQ, CE6RFP, CA6GBM, XR6SR, CE6HIY)	124,602

2012 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
CN2R	251/14/51	797/19/78	971/25/92	1000/31/102	1497/36/115	3240/33/119
8P5A	106/7/16	445/20/63	1301/29/102	2293/35/116	2233/33/108	3117/32/112
UP2L	105/8/35	717/18/70	1624/30/106	1336/36/105	1312/32/106	1329/29/107
CR2X	155/13/47	450/18/68	1357/27/88	1674/37/113	1977/35/116	2796/35/108
XL3A	97/8/12	597/19/67	1104/29/92	1416/37/115	1800/36/122	1668/30/108

WORLD SINGLE OPERATOR ASSISTED ALL BAND

ER4A	107/7/39	524/17/77	1313/33/113	1230/36/123	1543/37/133	1388/39/138
K3WW	41/12/25	185/19/71	290/28/90	638/37/113	847/34/115	1789/33/128
YP9W	97/7/36	298/12/56	886/27/97	1486/37/116	1352/34/120	1197/36/121
*P40T	36/7/15	52/12/29	599/30/84	494/33/95	1464/32/110	1531/31/114
OE6Z	132/7/44	630/18/69	1120/27/102	1179/32/107	1062/34/103	1050/34/105

WORLD MULTI-OPERATOR SINGLE TRANSMITTER

D4C	52/12/52	301/23/88	801/32/107	2461/37/137	2019/35/146	4748/38/157
CR3A	47/11/45	151/21/82	1784/36/124	2498/37/145	1771/36/140	3492/39/153
P33W	157/11/57	313/16/79	1568/34/118	1621/37/144	1591/38/145	3609/39/154
P40L	19/9/18	313/18/54	1061/31/102	2204/38/133	2298/34/126	3066/37/134
EI7M	145/11/58	458/18/83	1594/33/118	1667/38/134	2071/35/139	3173/39/153

WORLD MULTI-OPERATOR TWO TRANSMITTER

PJ4X	71/10/22	552/23/69	1899/33/113	2756/38/142	3930/39/144	4733/36/146
CN3A	105/10/48	715/21/86	1905/32/115	2562/38/136	3741/38/151	4366/38/150
VE3EJ	194/13/41	688/23/81	1620/34/122	1934/39/149	3137/39/153	2307/35/142
TM6M	170/10/55	818/19/86	2062/36/128	2096/37/145	3341/37/147	2521/38/141
PW7T	5/5/5	299/22/78	1404/33/105	1997/39/139	2423/35/140	2913/35/144

WORLD MULTI-OPERATOR MULTI-TRANSMITTER

C5A	124/12/46	1132/24/79	1741/33/115	4122/38/147	4647/37/141	5021/38/152
HK1NA	387/13/29	880/24/82	2403/31/110	3329/38/140	3889/37/148	5064/36/132
K3LR	440/17/54	961/29/102	2156/37/132	3128/40/164	3435/40/158	3273/36/152
PJ2T	221/10/24	629/22/73	1951/31/109	3677/38/138	3666/36/126	4079/32/123
W3LPL	337/18/55	739/28/98	1699/36/126	2383/40/158	3324/39/152	2612/36/152

USA TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
K1DG	71/13/41	324/19/72	467/27/86	945/34/108	1202/31/112	1878/31/112
W2RE	20/7/13	248/17/62	439/25/77	1004/33/109	1220/35/113	1632/29/102
K4ZW	30/12/22	167/19/65	701/26/88	734/35/110	962/34/105	1487/28/104
K1ZR	14/7/8	244/20/71	272/23/74	837/29/103	828/27/92	1786/30/98
K3CR	38/10/20	178/17/55	556/27/86	566/33/96	966/29/97	1454/29/104

USA SINGLE OPERATOR ASSISTED ALL BAND

K3WW	41/12/25	185/19/71	290/28/90	638/37/113	847/34/115	1789/33/128
W3UA/1	21/11/15	149/17/65	524/28/96	525/37/111	551/35/121	1272/31/130
AA3B	31/9/16	151/18/62	227/25/87	602/33/112	837/33/120	1158/29/126
K0KX	12/7/7	74/20/42	196/32/81	499/37/125	542/35/124	1308/35/141
N2MM	16/4/10	75/16/51	165/26/79	486/35/112	620/34/118	1211/31/132

USA MULTI-OPERATOR SINGLE TRANSMITTER

K1LZ	60/15/51	417/21/89	954/32/113	1393/40/143	1126/36/138	1834/32/140
N5DX	23/13/22	91/24/76	959/35/110	570/38/132	1719/39/141	1637/34/146
W2FU	26/10/23	256/19/81	495/32/103	949/39/141	1005/37/137	1524/32/138
K8AZ	17/7/11	132/22/75	470/34/98	941/39/137	1164/38/138	1299/33/140
N4WW	29/12/27	108/20/77	702/33/102	1095/39/133	1024/36/128	1080/35/138

USA MULTI-OPERATOR TWO TRANSMITTER

K9CT	51/13/26	206/23/74	569/31/100	789/39/128	2026/38/141	1697/35/144
WK1Q	30/12/22	309/19/75	638/27/92	838/38/129	1413/37/126	1480/34/138
K2LE/1	14/6/7	198/18/66	400/29/92	1042/38/124	1286/36/127	1499/32/132
KB1H	20/6/9	209/20/74	308/28/89	594/38/123	1065/36/128	1315/33/133
KM1W	12/7/9	85/13/53	142/25/69	518/34/118	1272/33/125	1531/32/138

USA MULTI-OPERATOR MULTI-TRANSMITTER

K3LR	440/17/54	961/29/102	2156/37/132	3128/40/164	3435/40/158	3273/36/152
W3LPL	337/18/55	739/28/98	1699/36/126	2383/40/158	3324/39/152	2612/36/152
KC1XX	108/14/33	725/22/90	1147/32/115	2444/40/155	2865/38/149	2875/35/151
NQ4I	294/16/32	378/24/84	1144/35/112	1576/39/135	1424/38/140	1778/32/142
W4RM	59/12/24	391/21/77	843/30/94	1356/38/133	1553/33/120	1499/33/137

when we won't have to issue any Yellow or Red cards! Special thanks to Ken, K1EA, for all of his time and effort to constantly improve the log-checking software. John, K1AR, handles the plaque program, and Barry, W5GN, makes sure the 1,775 certificates will get into the mail.

We had a new team of helpers this year. The CQ WW is increasing its use of Software Defined Radios (SDR) to record the full contest bands to disk. This allows us to go back and "replay" the contest when we have a question about what we see in the log. These recordings have been invaluable. Steve, N8BJQ, led the SDR team, which included ES5PC,

OH6LI/OH6BG, HA1AG/HG6N, S50XX/S52X, WZ7I, N4ZR, N6TV, KH6LC, and ZL2HAM. For the first time, we now have an "on-air" capability to verify if a QSO actually took place and when it happened!

We have changed the organization of the line scores. The Assisted category entries are now listed immediately after the single operator entries for each call area or country. This will make it easier for you to compare your scores with others in your area. Assisted scores are indicated by an extra "A" appended to the category in the line scores.

The new 5-day log deadline was a tremendous success. Having the logs early enabled us to immediately begin the checking process and get the results into the magazine 4 months earlier than before! We still accept late logs, but they are not eligible to win any awards or appear in the top score boxes. Late logs are shown in italics in the line scores.

2012 WW DX SSB TOP SCORES IN MOST ACTIVE ZONES

Zone 3			AA3B	5,601,870	UW1M (UR5MW)...	4,530,160
K7RL	5,386,460	K5ZD/1	5,537,556	RT4RO	4,521,236	
VE7SV (VE7CC)	3,832,290	K3ZO	5,227,418	R3BM	3,695,022	
K6XX	3,417,480	Zone 14			US7L	3,566,433
W6PH	2,899,165	CR2X (OH2UA)	12,195,795	UY7MM	3,553,176	
W6YX (N7MH)	2,731,575	XL7I	9,782,010	RM2U (RU3UR)	3,497,576	
K5RR/7	2,127,485	ON4IA	5,297,856	US5D (UT7DX)	3,377,990	
W7AT (W7EW)	2,126,421	EF5Y (EA5GTQ)	5,080,320	Zone 20		
*K2PO/7	1,922,831	TM7F (F6GLH)	4,947,344	P3F (M0DXR)	11,013,212	
K7UA	1,827,648	EA1FDI	3,918,846	C4W (5B4WN)	8,887,571	
KY7M	1,772,658	P14CG (PA3S)	3,911,240	YP9W (YO9GZU)	7,189,914	
Zone 4			OT1A	3,503,333	YP8T (YO4RIU)	4,954,235
XL3A (VE3AT)	11,882,025	GM2V (GM3WOU)	3,409,506	YO3CZW	3,812,032	
VE3JM	7,147,980	OQ5M (ON5ZO)	3,253,185	YO3APJ	2,416,746	
N2IC/5	6,012,522	Zone 15			*4Z5FI	1,824,366
W9RE	5,963,168	4O3A (ES5TV)	11,144,378	C45T (5B4MF)	1,666,782	
K0KX	5,066,796	OE3K (OE2VEL)	9,628,288	*TA4AU	1,658,860	
VE3FWA	4,988,688	OH0X (OH6KZP)	8,651,812	YQ6A (YO6BHN)	1,390,830	
K5TR	4,904,390	OE6Z (OE6MBG)	6,919,572	Zone 25		
VE3CX	4,803,617	TK9R	6,831,360	JH4UYB	5,910,380	
VE3OI	4,778,496	S57DX	6,725,880	JS3CTQ	5,111,327	
VE3BZ	4,700,556	OH8X (OH8UM)	6,591,318	JA7NVF	2,714,460	
Zone 5			IR2C (W2HAJ)	6,249,084	JH4UTP	2,669,436
K1DG	9,202,690	ES5RW	5,892,597	JE1LFX	2,599,890	
W2RE	7,875,142	OH0Z (OH6EI)	4,976,520	JA6LJ	2,480,465	
K4ZW	7,499,304	Zone 16			JQ1BVI	2,390,985
K3WW	7,274,190	ER4A (UT5UDX)	8,963,856	JK1OLT	2,141,576	
K1ZR	6,521,310	UA5B	4,942,168	*JJ1VRO	1,639,360	
K3CR (LZ4AX)	6,404,463	RM3F (UA3DPX)	4,761,666	JH3PRR	1,634,044	
W3UA/1	5,808,101				*Low Power	



The 75 meter team at K3LR was up late chasing DX. That's N5UM on the left and K3LR on the right.

EUROPE TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
CR2X	155/13/47	450/18/68	1357/27/88	1674/37/113	1977/35/116	2796/35/108
403A	238/13/58	454/17/68	1378/31/109	1570/36/116	2249/37/129	1855/35/114
LX7I	237/9/52	732/14/70	1000/31/87	1341/27/86	1840/31/89	1782/34/100
OE3K	197/8/45	464/16/62	1121/29/105	1071/34/103	1279/35/113	2210/36/117
OH0X	268/10/46	596/20/73	742/32/112	1160/36/120	1660/35/129	1288/34/111

EUROPE SINGLE OPERATOR ASSISTED ALL BAND

ER4A	107/7/39	524/17/77	1313/33/113	1230/36/123	1543/37/133	1388/39/138
YP9W	97/7/36	298/12/56	886/27/97	1486/37/116	1352/34/120	1197/36/121
OE6Z	132/7/44	630/18/69	1120/27/102	1179/32/107	1062/34/103	1050/34/105
TK9R	187/9/46	425/12/58	651/23/88	1410/33/106	1259/33/107	1428/28/97
S57DX	101/8/40	694/15/71	810/30/102	1657/37/114	751/33/108	1203/37/119

EUROPE MULTI-OPERATOR SINGLE TRANSMITTER

EI7M	145/11/58	458/18/83	1594/33/118	1667/38/134	2071/35/139	3173/39/153
E7DX	153/10/58	558/19/86	1246/34/120	2190/39/150	1276/40/152	2810/40/160
OM8A	183/12/60	415/23/94	1156/36/123	1127/36/143	2290/39/154	2236/40/155
RU1A	113/11/58	568/26/104	1608/39/132	1949/37/147	2143/39/147	1242/38/156
OM7M	164/10/57	377/19/83	1387/36/125	1382/38/142	1962/39/146	1898/40/151

EUROPE MULTI-OPERATOR TWO TRANSMITTER

TM6M	170/10/55	818/19/86	2062/36/128	2096/37/145	3341/37/147	2521/38/141
HG7T	152/8/39	1109/18/84	1550/33/117	2247/37/137	2108/36/134	1897/38/135
ED1R	131/10/51	587/23/82	1827/31/116	1632/32/127	2111/35/131	2255/37/138
IR9Y	134/7/47	499/15/76	1070/32/110	1965/35/139	2174/37/145	2551/37/150
EC2DX	108/9/53	570/18/84	1700/34/119	1493/36/136	1868/34/123	1685/39/144

EUROPE MULTI-OPERATOR MULTI-TRANSMITTER

DR1A	907/14/69	1764/23/98	2948/37/134	3775/38/157	2475/39/147	2771/39/157
DF0HQ	619/11/61	1626/27/101	3213/39/140	3508/40/160	2418/39/150	1578/40/148
9A1A	744/12/65	1394/18/81	2633/36/124	2619/37/144	3624/39/153	2365/39/154
LZ9W	445/10/59	1383/25/98	2099/36/124	3410/36/151	2818/37/145	2647/37/148
OT5A	714/13/63	1592/17/78	3233/38/132	3181/38/153	1928/36/121	1930/37/122

For more results of the contest, including ops of multi stations, expanded top scores boxes, and QRM, go to the CQ website (www.cq-amateur-radio.com) and the CQ WW website (www.cqww.com).

We hope you enjoyed the CQ WW DX Contest SSB for 2012. We are planning a complete review of the rules for 2013 so please check both the CQ WW website and the CQ magazine website before next year's contest for any changes. The 2013 contest will be October 26–27, 2013.

—Randy, K5ZD

"I learned some things for next year...only 365 days to go!" – VC3X

(Continued on page 99)



Claudio, PY5PDC, operated as ZX5ZZ and is the only contest station in Paranaguá, Brazil.



The portable antenna setup for ZD8O on Ascension Island.

Results of the 2012 CQ WW DX SSB Contest (from page 20)

Number groups after call letters denote following: Band (A = all), Final Score, Number of QSOs, Zones, and Countries. An asterisk (*) before a call indicates low power. An "A" after the band indicates Assisted category. Certificate winners are listed in bold. Late logs are listed in italics. (All country terminology reflects the DXCC list at the time of the contest.)

2012 CQ WW DX SSB RESULTS SINGLE OPERATOR NORTH AMERICA

United States - Call Area 1

K1DG	A	9,202,690	4887	155	531
K1ZR		6,521,310	3981	136	441
K5ZD/1		5,537,556	3718	138	441
KK1KW		5,186,500	3510	117	383
K1BX		3,432,676	2415	115	387
WA1N		2,528,162	2048	121	358
K1ZZ		2,288,168	1729	114	344
N1DD		1,289,115	1211	97	300
K1IU		1,226,466	1208	89	277
W1OP		976,751	1001	82	271

United States - Call Area 2

W1FJ		652,500	655	98	277
K1BV		490,656	661	61	208
AC1Z		481,821	611	80	241
KB1SNB		441,904	517	71	223
W1Q1		414,225	478	71	244
K1B5		340,472	439	79	213
K1RM		330,982	400	33	113
K8PO/1		255,162	386	73	185
K7MS/1		238,160	443	87	142
N0U10		34,286	154	39	87
K1RX		31,886	124	67	147
KB1TY		14,280	79	57	122
W1JB		6,020	52	29	41
KB1VFU		150	5	5	5

United States - Call Area 3

K1KI	28	1,049,238	2626	30	112
N9N1N		903,286	1998	33	125
W3EP/1		428,947	1211	29	108
K1WHS		105,800	355	28	67
AE1P		76,232	122	22	60
WB1EAZ	3,7	336	11	5	9
K1HAP	1,8	1,656	68	10	43
*N1UR	A	4,213,924	2694	135	437
*N1PGA		1,680,960	1268	116	364
*KG1D		582,560	717	83	248
*W1CCE		431,320	617	71	192
*K1JY		399,855	605	69	216
*K1HT		380,902	469	67	212
*N1ERD		264,884	412	53	180
*WA1DRQ		246,092	369	63	175
*W1DYJ		227,702	364	68	189
*KA1EKR		125,970	255	53	142
*W1WIM		102,084	208	53	128

United States - Call Area 4

*KG1V		98,875	210	50	125
*N1GTA/1		77,865	256	46	99
*KB1HNV		68,884	412	53	180
*KB1DMR		59,040	192	44	100
*KA1C		53,550	155	32	94
*W1BJ		48,361	144	39	98
*W1HNEK		37,060	129	34	75
*KB1VUN		34,176	138	37	91
*N1CRK		31,977	116	32	67
*W1DEK		28,080	118	37	91
*W1VJ		26,991	128	38	79
*N1NIN		17,850	78	27	58
*WR1B		5,750	40	16	34
*N1GSA		3,534	35	13	25
*N1EMF		3,009	40	19	32
*N1UH		2,700	37	14	22
*K1NSJ	28	1,870	26	12	22

United States - Call Area 5

*K1NSJ	28	333,336	851	27	109
*W3SM/1		195,631	458	33	189
*N1WRK		16,631	106	16	31
*W1KBN		6,424	60	13	31
*W1BXV		3,315	41	13	26
*N4MRU/1		798	17	9	12
*K1MAZ		675	17	5	10
*KB1DVO		716	7	7	10
*W1R10	21	14,640	88	16	44
*KA2RCD		220	10	3	8
*KC1SS	14	11,220	82	17	40
*W1OHM		420	13	5	10

United States - Call Area 6

W5UA/1	AA	5,808,101	3042	159	538
KE1J		3,245,372	2055	126	430
K1LI		2,851,921	1794	129	445
N9NC/1		2,624,266	1549	471	158
W1CTN		2,528,552	1547	138	460
N1HW		2,428,200	1498	138	432
N1DG		2,361,580	1355	141	479
W1EBI		2,011,746	1290	129	432
K2TE/1		1,746,775	1206	123	412
K1HI		1,734,273	1377	108	361
W1MA		1,535,010	1027	103	318
N1YX		1,470,936	1067	118	383
N8RA/1		1,421,052	1064	111	363
W2JU/1		1,152,175	958	100	325
KB1W		1,112,580	942	90	330
K1BG		1,110,848	731	122	422
W1RM		991,440	741	117	369
K1TB		955,080	829	99	321
WK116Z		939,162	843	95	318
K1TH		617,646	680	81	250
K1SLB		575,622	602	78	261
K1RV		564,088	523	88	304
W1EQ		500,084	577	87	248
KA1R		391,280	491	81	211

United States - Call Area 7

AB1OP		370,352	459	82	232
N1GLT		327,084	450	72	219
W1NG		315,840	413	75	218
K3IU/1		275,878	383	72	199
K1SM		232,320	389	75	165
KV1J		203,034	280	87	187
W3IZ/1		198,074	362	44	150
W1DX		189,280	310	60	164
AE1T		185,300	307	52	166
NE1B		175,680	243	83	191
K1FWE		174,538	243	83	191

AB1OC		126,762	227	65	157
K1SND		125,549	240	73	150
W1MAW		59,343	148	42	109
AA1OD		51,925	126	45	110
N1MGO		28,476	107	44	82
W1YGB		70,136	37	67	67
W1LR		12,246	58	37	67
W1YU		7,140	43	20	40
K1JB	21A	164,016	425	33	103
WB1DXD		136,952	394	30	106
KG1E	14A	384,908	871	37	127
W1FQ		55,014	190	27	79

United States - Call Area 8

*KS1J	AA	2,896,583	1907	114	389
*W1RT		2,062,666	1504	114	385
*W1TK		1,224,462	953	126	406
*KAZKOM1		1,153,160	915	100	354
*N1API		1,007,625	964	83	292
*N1FO		936,945	773	104	339
*W01N		580,230	544	87	291
*KE1V		528,003	655	69	220
*K1TW		400,208	548	68	192
*K1NPK		342,139	494	60	199
*NE1F		335,720	404	57	190
*WA1ZAM		207,225	345	55	170
*K1VK		199,836	322	73	161
*KB1ST		185,867	258	66	211
*WA1ZYX		164,775	299	50	145
*K1TR		143,662	239	52	166

United States - Call Area 9

*K1SU8		82,880	185	48	112
*K1YU		75,747	218	117	364
*KK1X		42,966	126	36	90
*W1KF		14,742	66	37	54
*KB1SUA	28A	58,114	210	19	79
*W1WBB	21A	88,814	258	27	94

United States - Call Area 10

W2RE	A	7,875,142	4563	146	476
*N2R1		2,947,280	1756	117	384
NK2X		1,445,660	1253	96	314
W2A2HA		1,172,247	1129	85	294
N2RM		1,154,637	1307	70	251
W2LU		655,512	749	106	276
W5SM/2		472,632	624	73	209
K2NV		392,124	571	59	187
*A2ZET		371,448	491	58	210
*K2MT		342,826	451	59	182
KM2O		169,554	284	71	160
W2B2AD		151,984	297	43	141
W2AYSJ		114,958	213	69	160
K2ZBO		103,668	220	47	130
K2SLZ		97,369	253	32	111
A2AKZ		95,612	220	47	117
W2CQW		63,081	154	54	109
K2MK		44,736	161	19	71
KM2L		42,224	137	25	79

United States - Call Area 11

K2ZPK		35,424	133	41	82
K2LML		18,870	112	20	54
W2UDT		14,994	103	33	65
K2CKZJ		6,930	45	20	35
N2HO		5,656	36	23	33
K2N1		20	1	36	20
K2SSS	28	869,336	1848	33	136
*K2AXX		250,488	703	29	97
K2TR		30,976	134	21	67
W2MJP		306	13	5	12
K2A2EY	14	11,700	86	11	41
W2MF	1,8	6,900	89	15	35

United States - Call Area 12

W2VO		4,032	45	14	28
*N2YD	A	1,774,368	1333	11	381
*W2TF		651,440	514	88	264
*W2AJOK		509,444	533	89	299
*N2JJ		382,074	593	57	174
*WA1FKX/2		309,222	460	62	184
*WA2JXE		235,764	392	62	174
*AB2TC		182,451	392	43	146
*W2SZ		180,661	371	36	133
*K2WJN		176,946	326	69	162
*K2DO		137,088	334	36	117
*K2CQUB		136,268	258	55	154
*W3MR/2		124,542	228	53	145
*K2CDJ		109,725	201	81	150
*K2SZ		91,256	244	33	103
*N2MTG		86,064	209	45	118
*K2VEH		82,754	207	41	120
*KV2R		78,225	195	55	120
*WA2MCR		72,670	188	59	110
*K2LSD		70,728	179	46	122
*K2CDDP		68,544	196	35	101
*N2MEE		49,420	130	35	105
*N2DD		38,354	123	41	86
*N2WJL		34,336	114	38	78
*K2J3		31,471	107	36	78
*W2RPH		30,780	120	32	76
*N2ADV		29,886	109	34	68
*KV2Z		22,790	95	34	72
*AB2IO		22,359	104	33	54
*AA2DS		22,080	87	35	57
*W2MC		21,489	93	30	57
*W2FE		9,939	69	25	52
*K3SY/2		6,324	55	22	40
*AE2NG		6,222	57	23	38
*N2VM		4,550	47	25	40
*N2SAB		4,104	36	24	33
*N2GJK		3,744	32	18	30
*K2TZY		2,993	30	15	26
*K2CZU		2,415	25	13	22
*K2ZTF		2,146	28	14	23
*W2H1		1,363	17	10	21

*K4NUK	14,432	72	29	53	K3SV/4	22,407	107	16	61	*K70Y/5	26,700	100	41	59	AKGY	14,534	78	38	48	*K60K	20,898	98	27	54
*WAAGOG	14,195	75	30	55	K3IE/4	18,048	77	32	62	*NSIF	25,850	123	34	60	KW6JIM	12,660	74	21	39	*W6JWP	18,146	87	37	49
*NTZF/4	14,062	75	27	52	WR4B	11,550	56	31	46	*K5WI	24,929	109	30	67	KT6L	3,744	43	17	22	*K6DSW	10,792	68	39	37
*WX4RM	13,083	67	31	58	N4FY	5,562	41	21	33	*K9MK/5	21,141	111	28	53	KJ6LJZ	2,840	32	17	23	*W6LSE	7,521	42	33	36
*KG4JUV	12,252	71	25	50	AF4G	4,324	36	20	27	*KBBW/5	20,116	117	37	57	NJ6S	287,264	749	31	97	*K6G5E	6,372	46	20	34
*K4HCH	11,533	69	27	74	*K3J4/4	4,275	47	21	65	*NSDIT	20,076	97	32	44	W2DZ/6	121,499	492	33	78	*K6S55	5,045	58	23	33
*W2UQ/4	11,106	61	37	44	K4JW/X	2,924	31	9	25	*WASRML	19,008	100	36	52	K6KO	6,856	62	16	36	*K6BIR	4,359	43	24	33
*K4M5H	11,016	61	37	44	W3N/4	2,268	25	14	22	*KASHD	17,052	94	36	62	K2ZY/6	14,147	135	12	31	*K6JEB	920	15	11	12
*K4ICBN	10,688	60	20	44	K4XS	2,849	37	14	29	*K5ZZR	16,544	89	28	60	AF6ZP	210	8	7	8	*K6M5M	297	10	5	6
*K6V3/4	7,700	46	33	44	N4BP	685,260	1477	35	127	*W5CUB	16,275	95	30	45	W6FC5	24,380	97	30	62	*W6AFA	284,970	802	32	106
*W4GKA	7,006	48	28	34	W6BREM/4	360,936	810	34	128	*KF5DVH	14,287	101	39	52	*N6RV	899,999	885	118	279	*K7JA/6	6,138	35	35	31
*K4MIK	6,612	46	22	36	N4F7	225,910	553	32	113	*W5JVVH	13,884	84	32	46	*N3N3/6	693,792	967	92	205					
*K6BV/4	6,466	55	27	37	W4AS	130,074	348	29	104	*KVSQ	10,736	76	27	34	*WNBK	367,500	575	80	165					
*WASR5H/4	6,263	129	27	74	W9LJ/4	366	151	21	65	*NS1E	10,125	65	32	44	*M6GCH	278,884	492	33	78					
*K1VO	6,138	41	27	35	KZ1A/4	8,550	37	40		*W5AEG	10,004	60	21	40	*W6GMP	240,548	338	88	196					
*W4CWA	6,032	47	21	37	K4JZDB	1,591	41	14	23	*KFKSHS	9,315	65	38	43	*N6ORB	201,925	373	65	132					
*NDRZT/4	5,974	41	28	30	N4PN	750,690	1614	36	135	*K5HEM	8,928	59	29	43	*K6GHA	168,175	313	82	135					
*K04VF	5,917	44	23	38	N4RA	74,160	244	28	92	*NOLVA/5	2,070	57	33	37	*W6KAP	154,036	309	76	118					
*W4BE	5,876	45	21	31	K4KZZ	48,195	185	29	76	*W5ESE	6,783	50	20	31	*K6MMUJ	115,104	320	46	86					
*KE4QCM	5,544	38	26	30	K4IWCQ	2,695	38	9	26	*NSPU	3,796	42	21	31	*K6EWC	74,214	218	59	74					
*K7CS/4	4,998	45	17	34	W4TTY	2,584	36	13	21	*W5VAN	1,551	31	17	16	*K6FG	68,816	183	34	102					
*K4JUN	4,526	40	29	33	*K4LY	1,818,837	1270	29	40		1,020	18	14	16	*ABEE	60,198	201	67	88					
*W54QNG	4,234	44	28	40	*N4NX	789,644	662	118	334	*K5HTB	3,106	16	10	12	*NEENO	66,404	177	74	74					
*K2S1/4	3,843	54	23	40	*N2ESP/4	735,652	749	85	268	*AD5VC	140	6	5	5	*ADGNR	49,982	230	53	81					
*N9MXX/4	2,982	25	17	25	*W4ZAO	311,583	441	72	211	*N800/5	566,352	1448	33	105	*K6GRCW	40,185	143	57	84					
*N4DFT	2,303	21	20	27	*W4CU	302,637	395	72	209	*W5K	338,520	792	32	123	*K6EGF	35,245	99	46	87					
*N3TG/4	1,566	23	14	15	*W3ZL/4	218,986	380	60	163	*N4IJ/5	335,280	858	33	132	*W6JK	34,272	129	35	67					
*KK4HOW	1,242	23	12	15	*AC4YD	198,968	364	52	157	*N3BU/5	114,192	374	29	93	*K67H/6	32,292	136	40	77					
*K4JPL	1,100	11	7	10	*AB4SF	196,186	321	62	171	*NSLUL	84,456	296	28	80	*K3FV/6	32,204	121	44	53					
*N4WR4	925	9	5	8	*AK3UJ	159,913	268	104	219	*K6DZ	48,913	195	18	26	*K6VOWZ	11,428	38	24	34					
*K9CL/4	510	9	5	8	*W4WNT	146,298	257	69	153	*NSRMS	45,720	202	28	62	*K6GDF	27,722	126	37	46					
*K3MZ/4	88	4	4	4	*K9AI/4	110,286	221	62	136	*K5WX	7,956	81	20	32	*N6UG	24,816	126	40	54					
*N400	75,360	290	24	72	*K4FTO	102,589	240	50	123	*K1QW/5	11,568	24	14	14	*A6EYB	21,868	104	36	43					
*K4CJD	54,802	233	23	71	*N4APR	83,868	185	52	122	*KF5ROZ	28	6	4	3	*K6CSL	19,570	91	42	53					
*K4DQMY	39,933	175	25	62	*N4UEZ	73,872	189	45	107	*K80Z/5	128,778	398	31	96	*K6MMUJ	15,104	309	76	86					
*K4D4MX	16,191	98	16	47	*W9DH/4	72,838	169	50	108	*K5MOC	33,579	155	24	67	*A6E3X	12,927	78	38	55					
*K6CQ/4	11,163	78	22	39	N3D0/4	68,040	155	76	104					*N6ZE	12,800	120	38	42						
*K5AKY	57	5	5	5	*K0A1/4	66,654	195	61	97					*K6RTR	11,428	38	24	34						
*K8V0V/4	4,964	50	18	26	*N4WO	64,428	162	52	104					*K6BA	10,075	80	24	41						
*K4JAO	3,993	48	15	18	*K4KEIR	61,701	150	57	100					*K6MUG	9,768	67	36	38						
*W6BPOH/4	3,520	38	8	24	*N6SW/4	51,350	124	49	109					N5AA	1,203,960	708	151	484						
*N4RJ4	2,618	29	16	18	*K4GTEI	45,780	122	52	88					(OP:K5NA)	660,558	478	135	399						
*K4AJQJ	2,541	32	12	21	*K4PZZ	45,760	135	51	92					W70TEV/5	660,558	478	135	399						
*K4JG0V	464	13	6	10	*N4TOL	43,904	137	46	82					W3ZT/5	584,815	684	88	253						
*N7TB/4	130	5	5	5	*K5RFA/4	40,734	118	51	95					K0MV/5	509,312	616	98	248						
*K4M4D	16	4	4	4	*W4R0R/4	37,948	128	24	24					K5JL/4	498,204	592	84	228						
*K3ML/4	16	4	4	4	*K4JH	35,620	119	46	84					N4KJ	477,402	726	78	173						
*N4M0	177,208	474	31	105	*N4REF	33,335	125	36	77					W9DX/5	435,019	510	81	226						
*W4AAXT	60,976	221	27	76	*K8NZ/4	30,132	100	33	75					AC4CA/5	386,971	496	85	204						
*K4AKE	20,085	108	20	45	*W4MY	26,857	98	39	68					W1JCW/5	258,352	452	68	173						
*K4NVJ	13,662	79	21	45	*N4BF4	26,500	100	35	65					W2GS/5	257,715	405	70	179						
*K1VP/4	6,300	59	14	36	*W2NAF/4	25,990	89	42	71					K5ZK	240,149	426	52	151						
*N04K	3,999	40	12	30	*K4M0J	24,605	107	29	66					NSLZ	239,714	414	68	159						
*K9GL/4	3,528	14	5	11	*W4JGM	21,000	87	35	65					K2YD	239,714	414	68	159						
*N4DL	134,125	404	30	95	*KTOP/4	18,972	76	38	64					K5KGC	235,532	422	61	151						
*W62TFM/4	113,616	417	25	83	*N9KY/4	15,264	61	40	56					K7IA/5	206,592	323	78	178						
*AD4RE	50,787	196	26	73	*K4Y8B	15,136	73	31	57					K5C8S	124,355	237	54	133						
*N4RC	2,442	34	11	22	*W4EBA	14,212	79	23	53					W5AKGW	117,216	189	64	158						
*K4J4EL	2,220	29	9	21	*N4KFL	12,450	73	25	50					K5HTE	83,660	209	71	117						
*K4E8L	448	26	10	18	*NSAL	8,241	44	29	38					NSBG	73,134	185	53	100						
	90	11	5	9	*K4MKS	8,004	54	31	52					K5LJA	65,132	141	73	95						
					*K4WAB	6,592	46	28	36					W5CO	62,264	191	66	106						
					*K4XAO	4,947	34	21	30					K5WES	49,036	126	53	111						
					*W4KPG	2,805	29	11	22					NM5Z	22,470	94	36	69						
					*KCCZYU/4	2,394	34	16	26					W5TU	18,648	91	20	52						
					*W4AHXC	2,394	34	16	26					W5ASNP	18,648	91	20	52						
					*K4T4Z	259,550	647	32	113					WASNOM	432	9	7	9						
					*N3JUA/4	122,128	329	25	111					W5GN	434,784	980	33	135						
					*W7WZ/4	102,843	319	25	92					NSMT	152,091	414	30	99						
					*N4TOL	85	17,009	54	54					NS1J	112,116	349	29							

Table with columns for call signs, frequencies, and power levels. Includes sections for United States - Call Area 8, United States - Call Area 9, and United States - Call Area 0. Lists various call signs such as *AD7UP, *K7FLI, *K7WLS, etc., and their corresponding frequencies and power levels.

*KXDD	*	6,164	50	30	37	*VA3UG	*	325,984	533	66	178	*VE7TVH	*	23,014	131	30	44	*J*69DS	A	21,870	215	21	33	3V8CB	1.8	98,532	510	10	59
*KFDQ	*	2,460	32	18	23	*VE3KQ	*	263,340	436	73	193	*VE7JMN	*	20,160	102	38	46	*J*69DS	A	21,870	215	21	33	3V8BB	A	5,528,813	417	9	869
*W0AD	*	2,242	28	13	25	*VE3TU	*	161,766	307	61	148	*VE7IN	*	12,160	63	29	46	VP5/K9PPY	28	1,004,918	2797	34	112	*3V8SS	21	97,774	407	18	65
*KC0DEB	28A	188,496	508	30	102	*VE3SS	*	157,320	346	53	137	*VA7AM	*	7,449	98	21	18	VQ5X	21	840,672	2527	35	104	(OP:KJ1AA)					
*KEOL	*	131,424	408	27	84	*VE3JOC	*	150,552	295	66	138							VP5/W9RN	7	277,890	1018	27	91						
*W2UPJ0	*	79,500	268	26	10	*VA3DTE	*	149,886	305	62	136																		
*KOAV	*	943	21	11	12	*VE3HED	*	115,878	258	54	132																		
*K0FYI	*	117	5	4	5	*VA3BRCN	*	110,894	245	57	121																		
*KFDQI	21A	1,200	20	8	16	*VA3RNL	*	105,624	259	47	115																		
*N0LLH	14A	2,480	38	17	23	*VA3GKO	*	102,272	221	60	128																		
						*VA3SAH	*	88,550	269	45	116																		
						*VA3PAP	*	70,584	171	58	115																		
						*VA3ANW	*	43,688	143	43	84																		
						*VA3GD	*	28,784	107	44	68																		
						*VA3KUG	*	28,620	116	37	71																		
						*VE3TKI	*	22,684	80	32	74																		
						*VA3RHE	*	18,344	100	31	62																		
						*VA3EBE	*	16,821	83	36	56																		
						*VE3IRL	*	9,396	62	15	39																		
						*VA3SRV	*	7,182	60	25	38																		
						*VA3BXG	*	1,312	32	16	25																		
						*VA3FN	*	494	16	9	10																		
						*VE3XCM	*	220	8	4	7																		
						*VA3JSL	*	115	23	10	13																		
						*VE3TG	28	47,600	360	22	48																		
						*VE3H	*	30,184	157	20	64																		
						*VE3IKT	*	11,386	76	13	43																		
						*VE3FH	21	87,091	299	25	84																		
						*VA3YV	*	18,178	109	13	48																		
						*VA3RJ	*	126	5	4	5																		
						*VA3YT	14	38,340	168	22	68																		
						*VA3GUY	*	30,222	151	18	55																		
						*VA3ZAK	*	17	5	2	3																		
						*VE3PJY	7	3,500	40	10	25																		
						*VE3BR	3.7	41,952	382	16	41																		
						*VE3EDY	1.8	4,912	182	7	9																		

DLOW0	373,620	982	62	198	*DL1EJD	46,371	213	40	83	*DL9VC	11,904	151	11	51	*DM5P	152,792	486	56	213	OH9A	28A	867,692	2137	39	157	
DK8EY	328,412	613	72	245	*DL1RUD	44,800	227	31	97	*DL0XX	1,066	35	5	21	*DU5OV	137,922	371	64	190	OH5BM	566,177	1627	37	142	(OP:OH1NO)	
DL6DVU	311,600	648	63	255	*DL4DBM	42,316	138	53	96	*DL1MHX	3.7	6,525	161	6	*DK7ZH	116,788	410	47	147	OH3OJ	377,060	1088	36	134		
DK3FB	300,775	584	68	197	*D0A0D	38,517	222	30	81	*DK2FW	37,905	203	43	90	*DL1DBR	114,608	347	60	148	OH1HB	156,653	437	35	126		
DK1AN	297,693	629	63	228	*DL2GBB	37,179	176	36	91	*DL2URH	AA	2,925,635	2253	149	536	*DL5JK	103,966	272	56	171	OH2CK	130,806	344	36	133	
DK7UW	284,598	659	67	224	*DL0BVG	36,580	206	35	89	DF2UO	2,761,590	1847	146	584	*DL9JKM	100,855	211	65	140	OH1MA	89,430	233	33	132		
DL2VK	261,375	705	73	236	*DL6GWM	35,636	151	45	107	DK5DU	2,500,920	1932	151	466	*DL4WVJ	38,912	237	45	123	OH1FH	2.1	1,012,464	270	74	124	
DL52T	255,799	396	28	123	*DL3GGG	27,788	160	34	89	DM5TJ	1,875,956	1627	129	429	*DF1HF	96,096	253	60	164	OH2AV	48	4	4	4	(OP:OH1TM)	
DL1JAL	247,423	506	66	205	*DCULX	34,750	194	35	104	DH1PN	93,786	257	48	105	*DL9GCG	93,786	257	49	105	OH2AV	48	4	4	4		
DK7FP	223,214	504	60	182	*DL9KI	34,584	175	37	91	DM2XKA	1,763,775	1374	138	465	*DL6RBB	80,808	273	45	137	OH2BN	14A	143	9	4	7	
DF5BF	190,152	513	52	176	*DJ5LY	31,047	114	45	86	DL5JS	1,760,486	1627	119	450	*DL3BCR	77,600	212	51	143	OH1XT	7A	58,080	427	21	67	
DM3KXL	182,736	574	59	184	*D01DJ	29,963	162	28	55	DL3EA	1,657,104	1551	118	356	*DL0WG	58,890	208	40	90	OH2BN	14A	143	9	4	7	
DL4YAO	166,727	407	70	183	*DG7HL	28,350	207	28	98	DL8DAZ	1,583,970	1626	120	435	(OP:DK3WC)	58,233	198	51	126	OH2BN	14A	143	9	4	7	
DF8RI	163,944	468	45	153	*DH2PA	27,930	165	28	86	DF9GR	1,540,392	1172	116	403	*DM8T	58,233	198	51	126	OH2BN	14A	143	9	4	7	
D017ST	154,748	439	61	175	*DL4MF	27,798	160	34	89	DL7LAM	1,478,920	1225	120	427	*DL82AJ	57,436	213	53	123	OH2BN	14A	143	9	4	7	
DF7ET	146,196	283	86	193	*DK1TS	27,244	180	26	72	DL8ZAW	1,331,622	1305	21	401	*DF1AN	55,998	221	44	109	OH2BN	14A	143	9	4	7	
DL4PAC	118,800	353	43	122	*DM5CG	25,872	139	41	91	DF5MA	1,316,868	1361	115	399	*DF1LX	51,150	210	43	143	OH3KAV	4,928	49	21	43		
DL4PT	102,510	485	39	131	*DG6DAF	24,402	104	40	58	DH0GHU	1,224,080	1208	116	419	*DC2CB	35,990	209	36	85	OH3KAV	3,468	51	15	36		
DJ6TK	100,926	311	51	138	*DGS5AP	24,231	155	36	87	DF9JO	1,219,584	1202	114	398	*DL3HWM	34,160	146	34	106	OH3KAV	2,538	293	14	48		
DL8BWB	98,268	292	62	166	*DL5SZ	24,165	110	47	88	DC3JR	1,160,580	1691	91	331	*DL7UIO	33,464	242	23	63	OH3KAV	1,350	35	9	18		
DG9ZP	96,600	262	54	114	*DL3DRM	24,000	130	30	90	DL5GAC	1,174,824	1394	106	398	*DL7UIO	33,464	242	23	63	OH3KAV	1,350	35	9	18		
DG9WE	90,816	362	47	145	*DG8JH	23,800	120	35	101	DK1KC	1,160,760	1139	111	399	*DL6HIW	32,560	113	45	103	OH2VT	196	15	5	9	(OP:OH4KA)	
DL6MDG	89,590	320	42	110	*D09L	22,620	184	23	75	DL7LJN	1,152,224	1363	130	386	*D05M	29,340	179	33	72	OH2VT	7A	9,126	13	17	42	
DK0ASP	54,940	272	41	123	(OP:D01BE)	DL8RDL	1,080,264	1284	101	336	*DL9RDL	1,072,916	1092	91	348	(OP:D02JV)	27,331	146	35	116	OH2VT	7A	9,126	13	17	42
D07NT	46,843	207	39	100	*DJ6DO	22,227	141	28	65	DK5TX	1,062,668	1107	138	458	*DL2JAA	26,892	139	35	73	F4DSK	AA	1,138,881	1323	107	382	
DJ2ST	46,656	238	32	49	*DK1AUP	21,948	156	35	83	DL7ON	1,062,668	1107	138	458	*DL5OBY	25,962	137	32	71	F5YJ	106,275	362	46	149		
DL1TYP	35,628	177	47	102	*DL8NEC	21,720	190	31	89	DL5MEV	1,010,786	1055	125	402	*DL1MWG	23,780	165	30	61	F6CXJ	76,330	266	61	109		
DL1HBD	35,240	209	37	100	*DHSAU	21,460	177	28	88	DL1WA	956,800	1021	122	398	*D04KGT	21,976	300	20	62	F8UNF	69,740	216	64	156		
DL1LMM	35,370	118	55	80	*D0GVI	20,900	193	25	70	DL5YM	905,388	1245	96	322	*DC2VE	21,175	93	41	80	F9DZT	57,602	209	47	111		
D021D	31,114	114	41	86	*D0GVI	19,575	139	23	75	DL7VF	814,037	846	106	343	*DL1LTL	18,900	111	32	103	FACUI	30,444	142	32	54		
DJ8RS	27,685	91	40	73	*DL1ZBO	19,200	149	30	70	DK6CO	814,037	846	106	343	*DF5TR	18,480	114	39	73	F5IHZ	13,440	125	27	78		
DH7KU	26,364	271	20	58	*DL4LAX	19,065	150	20	103	DJ5WJ	804,804	1008	102	367	*DG3MR	12,540	98	26	36	F4DSE	5,642	100	13	49		
DB3FS	24,157	230	29	90	*DLG1LS	17,850	134	27	78	DL2CC	723,520	945	98	322	*D02MX	11,766	89	18	56	F8DZY	1,584	20	13	20		
DK8FG	22,672	122	34	75	*DL1PF	17,819	174	30	73	DL1JN	715,750	1002	101	308	*DF6YV	9,676	57	37	45	OH2BN	14A	143	9	4	7	
DM3F9	20,400	120	31	54	*DG7EE	17,664	113	39	89	DL8MAS	673,992	853	96	311	*DF1AI	8,978	72	27	40	OH2BN	14A	143	9	4	7	
DF9RD	20,328	107	34	50	*DL3TVI	15,288	84	31	47	DJ7UC	634,984	703	106	285	*DK2ZO	6,969	63	25	46	F5VJ	146,727	523	34	103		
DK0SU	19,536	126	41	53	*D08B	14,601	86	28	65	DL3XAT	628,528	688	123	359	*D08T	5,673	49	20	41	F5VJ	53,125	272	24	61		
D02TL	19,040	96	39	80	*DLSAW	13,536	110	27	69	DK2AT	620,544	1003	88	316	*DJ3CO	5,438	48	22	44	F5VJ	3,348	39	14	22		
DL2MJ	11,926	70	38	51	*DL8JAA	11,817	139	34	67	DK2KN	544,959	596	112	341	*DK6RS	4,072	44	18	18	F5AD	3.7	2,814	61	6	36	
DL2AM2	7,800	64	16	34	*DK1LRS	11,696	100	27	59	DF2TT	537,996	726	94	334	*DL1SVA	3,150	39	16	29	F5VMN	1.8	3,870	100	6	37	
DL2LRT	5,551	39	29	32	*DJ3CS	11,413	118	29	72	DK1FW	535,838	595	101	377	*DM4JK	840	30	8	20	F6FTB	AA	598,794	985	84	287	
DM1LM	1,677	37	20	33	*DMDXD	11,210	101	28	61	DL6EZ	503,152	761	76	252	*D0G0M	631	8	5	6	F4DPW	577,854	792	93	276		
DG6PW	2,062	38	13	30	*DL3NEI	10,530	99	24	66	DK0RX	456,720	914	74	272	*DH4PSG	236	8	5	6	F4F5Y	470,525	938	69	260		
DK9MW	1,400	22	14	13	DL1SSH	10,181	118	22	52	DK1AX	450,918	691	104	325	D010N	28A	246,915	557	48	F2AR	AA	454,538	792	74	247	
DL7BA	1,200	16	10	14	*D0HTNO	10,032	107	22	52	DF9PG	449,100	745	73	227	*DL4M	130,284	428	32	94	F5VJ	3,082	31	54	141		
DK3YO	437	24	6	13	*DL2ZU	9,984	74	30	48	DL4JLM	417,837	621	81	238	*DMSBB	107,583	473	27	82	FDPR	319,032	856	54	157		
DL3BQ4	28	660,756	1898	36	122	*DK6AC	9,825	120	23	52	DL4JLM	417,837	621	81	238	*DL4KUG	36,524	178	25	67	F5FDC	200,446	852	57	144	
DJ6XV	63,444	298	26	76	*DL2AWA	9,717	102	28	51	DL1DVE	413,725	601	97	222	*DL5ANS	33,491	155	29	78	F4DXP	242,518	542	58	168		
DJ9GF6	38,038	200	23	65	*D0BYX	8,509	80	24	43	DL9NCR	357,984	640	80	259	*DL3SBD	20,436	114	25	53	F4CTJ	203,742	605	62	169		
DJ4MM	31,458	120	33	65	*DR1RP	8,424	92	25	53	DL9GS	356,385	633	88	257	*DL1GOR	2,280	40	12	18	F4DLL	186,240	564	55	185		
DL3KUM	13,728	110	18	48	*DL8UGF	7,375	68	20	39	DL5ASK	350,855	556	82	263	*D05WV	21A	109,872	454	31	95	F8VNU	174,680	516	63	167	
DRS2	13,064	111	18	29	*D071F	7,000	63	23	33	DA0I	348,302	537	83	266	DL1DXA	7A	41,475	25	79	F6GCI	161,385	73	66	139		
DJ8BA	11,115	99	20	32	*D01MNP	6,400	91	18	46	DK6AH	335,400	498	94	231	*DC6GP	30	6	2	3	F4GBW	143,520	480	57	151		
DH8BQ4	21	313,020	985	31	110	*D0TGIU	6,254	85	15	38	DK6IMZ	332,038	655	69	190	Finland	6,591,318	5046	157	502	F1IWH	112,200	390	43	1	

*IW9HQP		128,615	520	32	113	*E27R	A	715,061	1052	90	293	EASARC		26,329	99	42	71	*SM5U		7,955	100	13	30	*US7JA		137,408	368	54	172
*IT9AAH	21A	78,390	429	26	91	*E2VZ		670,348	1222	94	262	EAD1UT		2,730	26	19	23	*SM6DER		7,410	(OP:SM5UGC)			*US7RA		132,240	338	63	201
*IT9KXK	14A	5,040	292	10	40	*E2WV		646,900	880	67	253	EAD1UT		154	9	9	10	*SM7RPU		6,000	53	18	30	*UR3DD		124,260	47	40	146
*IR9P	7A	20,079	239	12	57	*E2XW		432,744	1147	64	183	EASBY	28A	809,190	1927	38	137	*SM7RPU		3,328	46	13	19	*UT3DQ		123,084	391	58	176
						*E2YV		300,872	713	64	199	EAIYO		579,425	1280	38	147	*SA6BYC		1,450	46	8	17	*UY5QJ		122,760	252	64	134
						*E2ZU		232,323	538	70	203	EASWL		228,096	819	33	99	*SM7RZJ		1,173	34	9	14	*UR2MR		103,540	371	55	175
						*E2ZV		209,975	507	59	168	EASZY		106,704	464	29	88	*SM7RZJ		1,450	46	8	17	*USO5Y		103,785	487	40	145
						*E2ZV		191,574	502	54	120	EASZN		97,439	290	33	106	*SM7RZJ		297	14	5	6	*UX2MK		102,082	366	53	173
						*E2ZV						EESJ	21A	28,724	247	20	166	*SM6WZH	21	12,840	162	16	44	*USS5VJ		103,290	372	45	160
						*E2ZV						EAAK	14A	188,415	732	28	124	*SM6LPO	14	4,680	106	8	32	*USS2W		99,308	252	50	98
						*E2ZV						EASAX	7A	74,175	396	28	101	*SM6LPO	14	8,550	151	12	45	*UT7AA		87,416	330	52	171
						*E2ZV						EDIE		22,041	181	19	74	BS0C	AA	2,087,720	1474	137	533	*USTUJ		79,569	303	47	142
						*E2ZV						EC1AE		18,011	133	17	66	SMDS		1,235,047	1089	130	519	*UT7LW		74,269	228	46	151
						*E2ZV						EAE7U	3.7A	60,956	486	17	81	SM5D		1,065,768	1673	95	272	*US8IM		71,989	247	57	136
						*E2ZV						*EE1A	AA	704,816	1037	87	319	SM6BGG		563,634	986	84	278	*URS5HQ		70,432	259	37	87
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
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						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148
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						*E2ZV						*E2ZLMI		467,283	1287	75	252	SM6MIMO		484,704	986	84	278	*UT5Z		63,270	269	42	148

