Results of the 2013 CQ WW WPX CW Contest

BY TERRY ZIVNEY,* N4TZ

2013 marked the thirty-fifth running of the CQ WPX CW contest. The thirty-fifth anniversary is often commemorated with coral. Of course, active hams automatically think about DX locations when they hear the word 'coral' (as in reef). While many do head for temporary DX locations during the contest, most are content to operate from home because this is the world's largest 'everyone works everyone for points' CW contest.

And, thousands did operate. 2013 saw the second highest number of logs received in the 35-year history of the CQ WPX CW contest, 4120, down slightly from the record 4323 logs received in 2012. Of course, last year's action found very favorable radio conditions. Many participants commented upon the relatively poor conditions this time out. Still, the high level of activity resulted in scores that would not have been dreamed of 35 years ago, when K7JA had the world-high score of 2.8 million points from KG6SW. Chip worked a grand total of 345 prefixes in that effort.

The WPX Contest now receives logs from more than 130 countries around the world, many sporting unusual prefixes. As might be expected, the two top single-operator scores led the way amongst individual operators with 1167 and 1133 prefixes, respectively. 74 stations worked at least 1,000 prefixes. It takes 300 prefixes confirmed on CW to qualify for CQ Magazine's WPX award, and 1,402 stations had at least 300 prefixes worked during the CW contest weekend. By comparison, 1,363 stations worked at least 300 prefixes during the SSB contest weekend. CW operators once again showed their ability to make contacts when the conditions are rough.

One of the traditions of the WPX contests is to use an unusual call or prefix. It's a fine balancing act between having a callsign that is unusual enough to attract attention on the crowded bands and having one that is too difficult to copy or too cumbersome to send. In this day and age, most of us want short recognizable callsigns, to minimize both the time in pileups and the number of characters that can be miscopied. Kudos to those who chose longer-than-usual callsigns, and still had fine scores. How many of these did you work? RU27IT, RU27CS, PI8ØØGTB, HF5ØØPILA, HF7ØØS, SFØ53ØCOH, LZ2ØTRC, LZ6ØRCP, LZ125VZ, and a whole lot of special FOC suffixes: VP9FOC, R75FOC, VK1FOC/6, HZ1FOC, E51FOC, DK75FC, BG75FOC, GS4FOC, S575FOC, EO75FOC.

Some "special club" callsigns don't have a rare prefix but commemorate something "special" to the members. George, K5KG says, "I used the call AB1HZ which is the callsign for the Dhahran Amateur Radio Club of America. Members of this club are former operators of HZ1AB previously located in Dhahran, Saudi Arabia. (I was an HZ1AB op from 1982 to 1987.) This was my fourth time using AB1HZ, and I always get good results with it, although AB1 is not a unique call in WPX. The only real problem I have with the call is when S&P'ing and having stations think I am signing A61HZ. When running, the skimmers picked up my call correctly, so I only encountered the A61 problem when S&P'ing." Ironically, George was so worried about people miscopying his AB1HZ call as A61HZ that he logged A65BR as AB5BR!

K5KG and friend ready to operate as AB1HZ.

Single-Operator All Band

Real estate professionals say the three most important words in the English language are: location, location, and location. The top three single op scores were turned in from African zones 33 and 35, from whence virtually all contacts receive the maximum point value.

UA5C took a turn at the controls of EF8M and came up only 6,171 points short of RD3A's record at the same station last year. Just one more 6-point low band QSO would have put Alexandr into the record books.

Three Canadian stations made the world top ten, with the 10 megapoint scores of VY2ZM and VY2TT separated by less than 40k points. Scott, KØDQ, found his normal home-away-from-home 'Battleship New Hampshire' in dry dock but commandeered the mighty KC1XX superstation and sailed under camouflage as KM3T/1 to a narrow victory over K1LZ and KC3R (LZ4AX, op). E73A piloted 4O3A to victory over LZ6C (LZ3FN, op) in Europe.

Single-Operator Single Band

Summertime propagation conditions make the 10–meter and the 80- and 160-meter bands especially sensitive to location. IV3NVN used the north-south path from ZX5J to win 10 meters with a score of nearly 5 million points. In contrast, Mike, K9NW totaled 82k points to win the USA 10-meter plaque. ED3T (EA3AKY) was the highest European 10-meter score with just

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2013 WPX CW TROPHY WINNERS AND DONORS

SINGLE OPERATOR ALL BAND

WORLD: Steve Bolia, N8BJQ Trophy. Won by: **EF8M operated by Alexandr Gimanov, UA5C**
WORLD Low Power: Caribbean Contesting Consortium Trophy. Won by: **HD8A operated by Alexey Ogorodov, HC2AO**
WORLD QRP: Bill Parker, W8QZA Trophy. Won by: **PJ2T operated by Jim Fitzpatrick, WI9WI**
USA: Dennis Motschenbacher, K7BV Trophy. Won by: **KM3T/1 operated by Scott Redd, KØDQ**
USA Low Power: Ken Boasi, N2ZN Trophy. Won by: **Maury Peiperl, W3EF**
USA QRP: John T. Laney, K4BAI Trophy. Won by: **N2NT operated by John Crovelli, W2GD**
USA Zone 3 High Power: Northern California Contest Club Trophy. Won by: **NF6A operated by Bob Wolbert, K6XX**
USA Zone 3 Low Power: Arizona Outlaws Contest Club Trophy. Won by: **Willie L Baber, WJ9B/7**
USA Zone 4 High Power: Society of Midwest Contesters Trophy. Awarded to: **Tim Herrick, KQ8M**
USA Zone 4 Low Power: Society of Midwest Contesters Trophy. Won by: **Marvin Bloomquist, N5AW**
USA Zone 5 High Power: Paul Obert, K8PO Trophy. Won by: **Krassimir Petkov, K1LZ**
EUROPE High Power: Ivo Pezer, 5B4ADA/9A3A Trophy. Won by: **4O3A operated by Ivo Pezer, E73A/9A3A**
EUROPE Low Power: Vitor Santos, PY2NY Trophy. Won by: **MJ5Z operated by Kazunori Watanabe, JK3GAD**
EUROPE QRP: Bruce Olney, WY7N Trophy. Won by: **Slavko Celarc, S57DX**
AFRICA: Chris Terkla, N1XS Trophy. Awarded to: **CR3A operated by Jozef Lang, OM3GI**
ASIA: Rick Tavan, N6XI Trophy. Won by: **Masaki Okano, JH4UYB**
NORTH AMERICA: Louisiana Contest Club Trophy. Won by: **Michel Brunelle, FM5CD**
NORTH AMERICA Low Power: Dick Green, WC1M Trophy. Won by: **Derek Steele, J35X**
NORTH AMERICA QRP: Dale Martin, KG5U Trophy. Won by**: Osmany Glez Escobar, CO2OQ**
OCEANIA High Power: Lloyd Cabral, KH6LC Trophy. Won by: **Holger Hannemann, ZL3IO**
OCEANIA Low Power: Pacific DXers Trophy. Awarded to**: YJØPO operated by Bill Conwell, K2PO**
SOUTHERN CONE (CE, CX, LU) Low Power: LU Contest Group Trophy. Won by**: Daniel Neves, CX9AU**
CANADA High Power: Radio Amateurs of Canada (RAC) Trophy. Won by: **VY2ZM operated by Jeffrey T. Briggs, K1ZM**
CANADA Low Power: Contest Club Ontario Trophy. Won by: **Nick Lekic, VE3EY**
JAPAN: Wes Printz, W3SE/ZL3TE Trophy. Won by: **Katsuhiro Kondou, JH1GBZ**
CHINA: LZ9W Contest Team. Won by: **He Jun, BH4RQU**

SINGLE OPERATOR, SINGLE BAND

WORLD 28 MHz: Steve Hodgson, ZC4LI Trophy. Awarded to: **ZX5J operated by Simone Candotto, IV3NVN**
WORLD 28 MHz Low Power: Six Stars Contest Station LS1D Trophy. Won by: **Sulaiman Saad ALjedaie, 7Z1SJ**
WORLD 21 MHz: Andrei Stchislenok, NP3D Trophy. Awarded to: **Jorge L. Prieto, HK1R**
WORLD 14 MHz: Gene Walsh, N2AA Trophy. Won by: **Vakhtang Mumladze, 4L8A**
WORLD 7 MHz: LZ2RF Memorial (OR2F sponsor) Trophy. Won by: **PJ4A operated by John Laney, K4BAI**
WORLD 7 MHz Low Power: Neal Campbell, K3NC Trophy. Won by: **Franci Gricar, S51F**
WORLD 3.5 MHz: Ranko Boca, 4O3A Trophy. Won by: **Emil Tafro, E71A**
WORLD 1.8 MHz: Dusko Dumanovic, ZL3WW Trophy. Won by: **Tomislav Polak, 9A2AJ**
USA 28 MHz: Paul Beringer, NG7Z Trophy. Won by: **Mike Tessmer, K9NW**
USA 21 MHz: Charlie Wooten, NF4A Trophy. Won by: **K3LR operated by John Golumb Jr., N2NC**
USA 14 MHz: Kansas City DX Club Trophy. Won by: **KJ3X/4 operated by Bill Kollenbaum, K4XS**
USA 7 MHz: Yankee Clipper Contest Club Trophy. Won by: **Carol Richards, N2MM**
USA 3.5 MHz: Darin Divinia, WG5J Trophy. Won by: **Steven Sussman, W3BGN**

SINGLE OPERATOR ASSISTED

WORLD: D4C Station Trophy. Won by: **Juan Hidalgo, EA8RM**
USA: Ron Sigismonti, N3RS Trophy. Won by: **Steve Sluz, NY3A**
EUROPE: Martin Huml, OL5Y Trophy. Won by: **LZ8E operated by Boyan Petkov, LZ2BE**
CANADA: Anthony Ratajczak, VE1ZA Trophy. Won by: **John Sluymer, VE3EJ**

OVERLAY CATEGORIES

WORLD Tribander/Single-Element: Helmut Mueller, DF7ZS Trophy. Won by: **VP9FOC, operated by Yuri Onipko, VE3DZ**
USA Tribander/Single-Element: Paul Newberry, N4PN Trophy. Won by: **NXØX/4 operated by Paul H. Newberry, Jr., N4PN**
EUROPE Tribander/Single-Element: Matija Brodnik, S53MM Trophy. Won by: **Martin Huml, OL5Y**
WORLD Rookie: Val Edwards W8KIC Memorial (K3LR sponsor) Trophy. Won by: **UA5B operated by Oleg Prelovsky, UA5B**
NORTH AMERICA Rookie: Chris Kantarjiev, K6DBGTrophy. Won by: **Michael Adams, N1EN**

MULTI-OPERATOR, SINGLE-TRANSMITTER

WORLD: Steve Miller, NØSM Trophy. Won by: **P33W operated by UT5UDX, RA2FA, UA2FZ, UA4FER, RV1AW, RW4WR, and RA3AUU**
USA: Phil Allardice, KT3Y Trophy. Won by: **NY4A operated by AA4FU and N4AF**
AFRICA: Rhein Ruhr DX Association Trophy. Won by: **No Entry**
ASIA: W2MIG Memorial (NX7TT Sponsor) Trophy. Awarded to: **P3N operated by 5B8AD, RT9T, RT5K, RN3TT, RU4SU, RV3BA, R2DA, RØKOK, UU6JR, and R2AA**
EUROPE: YO3CTK Memorial by Andy Ruse YO3JR/YR1ATrophy. Won by: **CR2X operated by OM3BH, OM3RM, and OM7JG**
NORTH AMERICA: Nusret Abadzic E73N Memorial (Bosnia and Herzegovina Contest Club sponsor) Trophy. Won by: **PJ6A operated by G3SXW, K4UEE, VE7CT, and W6IZT**

MULTI-OPERATOR, TWO-TRANSMITTER

WORLD: UA1DZ Memorial (W3UA Sponsor) Trophy. Won by: **CR3L operated by DK9IP, DL8LAS, and DL9EE**
USA: Florida Contest Group Trophy. Won by: **NR3X/4, operated by KU5B, WØUCE, N3ND, N4YDU, WA4PSC, and N1LN**
AFRICA: Walter Skudlarek, DJ6QT Trophy. Won by: **No Entry**
EUROPE: Tom Georgens, W2SCTrophy. Won by: **TM6M operated by F1AKK, F5MUX, F8DBF, F8FKJ, and N1UR**
CHINA: Andrey Sachkov, LZ2HM Trophy**. Won by: BY5CD operated by BA4ALC, BA5FB, BH1PAH, OH7WV, BG5CNH, and BD5CHU**

MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Steve Merchant, K6AWTrophy. Won by: **9A1A operated by 9A2DQ, 9A4WW, 9A5E, 9A5W, 9A6A, 9A6M, 9A7R, 9A9A, 9A7IMR, and 9A5DDT,**
USA: Jim Reisert, AD1C Trophy. Won by: **WW4E operated by W4LT, WC4E, WF3C, N4WW, N4KM , K1TO, K1CC, AD4Z, KØLUZ, and K8NZ**
EUROPE: Jeff Demers, N1SNB Trophy. Won by: **DR1A operated by DB6JG, DF6JC, DJ7EO, DK2CX, DL2HBX, DL2JRM, DL3BPC, DL3DXX, DL5LYM, DL6FBL, DL7ZZ, DL8WPX, PC5A, and SP3LPG**

CONTEST EXPEDITION

WORLD: Phil Goetz, N6ZZ Memorial by Paul Goetz Trophy. Won by: **YJØPO, operated by Bill Cornwell, K2PO**

COMBINED AWARDS

WORLD Single Operator Combined Score: (SSB and CW) Yuri Blanarovich, K3BU Trophy. Won by: **CF3A/XL3T operated by VE3AT**
USA Single Operator Combined Score: (SSB and CW) Bill Fisher W4AN Memorial (KM3T Sponsor). Won by: **KC3R operated by LZ4AX**
WORLD Single Operator Combined Prefixes: Norm Koch, WN5N Memorial by Gail M. Sheehan, K2RED Trophy. Won by: **6V7S operated by Vlad Zaitsev, RK4FF** (2169 total)
CQ WPX Contest Triathlon Award: (Single Operator Combined Score on RTTY, SSB, and CW). Rudy Bakalov, N2WQ Trophy. Won by: **John Bayne, KK9A** (21,072,852 points, 8072 QSOs)
WORLD Club Score: CQ Magazine trophy. Won by: **Bavarian Contest Club**

over 120k. The best locations for 80 and 160, on the other hand, were all in Europe, with E71A the 80-meter champ and 9A2AJ the king of the 160-meter band.

HK1R set a new world record for 15 meters, handily beating PJ4R (N4RR, op). However, stations from Kazakhstan (UN9GD), Cyprus (C4Z) , Japan (JO3JIS and JR4OZR), the United States (K3LR), Ukraine (UU7J) and Slovenia (S53A) also 'made the box' on 15 meters with multi-million point scores, making the WPX truly a world-wide contest.

The highest single-band score was achieved on 40 meters by John, K4BAI operating at PJ4A. The key to victory here was the ready availability of six-point QSOs to the north, while the next eight finishers were located in Europe where a substantial portion of their contacts were of the two-point variety.

Single-Operator Low Power

The most popular category by far is the single-operator unassisted low power all band. This year, over 1,000 people chose this classification. HC2AO showed up at HD8A to edge VE3DZ

PJ4R (N4RR), PJ4A (K4BAI), PJ4G (NA2AA) made Bonaire easy to work.

Slawek, SP6ZC, wins a certificate as HF55O in the 20m low power category.

YJØPO: K2PO's Visit to Vanuatu

Bill, K2PO, racked up 2000+ QSOs from as YJ0PO from Vanuatu with this beachfront vertical, setting a new Oceania low power record.

Bill Conwell, K2PO, travelled with his wife to visit his cousin in Vanuatu. Arrangements had been made in November, but their arrival on Wednesday before the contest found the beachfront bungalow in the middle of a construction zone complete with circular saws, backhoes, and jackhammers. He found another site, but without screens on the windows. During the contest his logging computer died, necessitating repeated trips to 'town' to borrow his cousin's laptop, then install software and finally download drivers over the 9600 baud internet connection. Since the contest ends during the middle of the Monday workday in that part of the world, he had to return the computer 5 hours before the end of the contest and with one hour of operating time still available to him.

Still, Bill ended up with the fifth highest low power score in the world, a new Oceania low power record, and the N6ZZ Memorial DXpedition plaque to remind him of a great first DXpedition.

2013 CQ WW WPX CW WORLD TOP SCORES

Single Op All Band High Power
EF8M (UA5C) 19,532,079
CR3A (OM3GI) 17,878,740
6V7S (RK4FF) 12,231,876
VY2ZM (K1ZM) 10,350,232
VY2TT (K6LA) 10,312,989
CT3KN 9,486,334
XL3T (VE3AT) 8,603,495
KM3T/1 (KØDQ) 8,439,667
K1LZ 8,395,912
KC3R (LZ4AX) 8,341,085

Single Op 28 MHz High Power
ZX5J (IV3NVN) 4,855,437
CW5W (CX6VM) 4,021,136
A65BD (G4BWP) 2,292,030
LV6E (AI6V) 1,679,461
BA8AG 542,152
JA6WIF 533,760
RØAA 163,400
9M4DX 144,627
NH2DX (KG6DX) 125,355
ED3T (EA3AKY) 120,832

Single Op 21 MHz High Power
HK1R 8,337,384
PJ4R (N4RR) 5,946,534
UN9GD 3,887,727
C4Z (5B4AIZ) 3,778,800
JO3JIS 3,137,112
JR4OZR 2,622,976
K3LR (N2NC) 2,497,343
UU7J (UUØJM) 2,374,060
S53A 2,365,880
OA4SS 2,208,789

Single Op 14 MHz High Power
4L8A 6,220,292
PR5B (PY2LSM) 5,298,170
CS2C (OK1RF) 4,334,660
YT5W (YU8A) 3,810,390
VK6LW 3,521,564
YT3A (YU7AV) 3,374,230
LS1D (LW9EOC) 2,932,900
TM6X (F5VHY) 2,724,799
OH1TX (OH2PM) 2,666,196
YT1A 2,494,800

Single Op 7 MHz High Power
PJ4A (K4BAI) 8,744,862
YT8A (YU1EA) 5,653,896
TMØR (F6FVY@F6KNB) 4,534,728
S5ØA 3,531,461
S57Z 2,614,768
9A6C 2,506,680
M3W (G4FAL) 2,460,648
SN8N (SP8HZZ) 2,060,163
9A2L (9A2VJ) 1,964,700
UA9OPU 1,522,298

Single Op 3.5 MHz High Power
E71A 1,287,230
UT5UGR 986,832
YT4A (YT1AA) 899,584
LY2FN 800,576
ED3O (EA3GXJ) 732,732
F5VMN 514,734
R3FX 436,326
SO4R (SP4JCP) 312,687
W3BGN 275,328
YU1RM 236,871

Single Op 1.8 MHz High Power
9A2AJ 260,736
OH1RX 103,679
OG9W (OH2BCI) 93,744
YO5AJR 85,462
YO3FFF 29,700
EW8RR 20,995
M7A (LY4Y) 20,995
R3QF 18,655

Single Op All Band Low Power
HD8A (HC2AO) 10,740,028
VP9FOC (VE3DZ) 10,299,040
EE8X (EA8AY) 7,548,556
3V8BB (KF5EYY) 5,543,328
YJØPO (K2PO) 4,834,818
CT9/OM8AA 4,769,856
W3EF 3,822,280
MJ5Z (JK3GAD) 3,508,252
4Z4DX 3,259,740
LY6A 2,843,450

Single Op 28 MHz Low Power
7Z1SJ 1,194,788
LU6UO 624,445
LU1ICX 242,087
VK4KW (VK4BAA) 165,561
CA3KHZ 143,533
YG1CRR 128,700
ZS2NF 123,552
UN6P 104,781
9A3VM 94,146
YB2EUZ 88,404

Single Op 21 MHz Low Power
D3AA 2,772,456
J35X 1,547,550
UK8AR 1,212,596
JF3BFS 726,624
UA9AFS 592,721
S57KW 560,622
WB4TDH 521,170
UA9QM 477,360
E77R 476,064
UR6IJ 450,867

Single Op 14 MHz Low Power
CN8KD 3,509,406
PY2NY 1,146,718
YT7M (YU7RL) 1,066,000
RWØAJ 1,038,360
UN5C 840,213
S54A 834,548
UA9WOB 781,100
HA6OA 746,824
RA1OT 736,488
HF55O (SP6ZC) 674,440

Single Op 7 MHz Low Power
S51F 2,189,484
MØC (G3WGN) 1,724,076
CO7EH 1,195,278
SP6OJE 1,134,958
W2EG 1,063,390
PA2REH 1,026,745
LZ7A (LZ1FY) 1,023,030
DK2FG 975,126
YL2PJ 968,240
IZ1GAR 947,139

Single Op 3.5 MHz Low Power
OM3ZWA 512,190
LY2T 498,892
LY4T 432,333
LY2GW 337,608
YUØA (YU1RA) 333,270
YU1ED 225,081
E75A 215,424
DL6KWN 210,100
YL3FW 181,000
RY3F 152,149

Single Op 1.8 MHz Low Power
UX5NQ 75,336
SM7MX (SM5MX) 69,552
OK1JOK 41,844
HA1TI 34,932
ER2RM 20,176
RM5Z 15,652
RA2FB 11,760

Single Op All Band High Power Assisted
EA8RM 11,671,103
UPØL (UN9LW) 11,205,370
LZ8E (LZ2BE) 9,044,828
TC7C (R3GM) 8,642,736
S53MM 8,579,520
PW7T (PY8AZT) 8,093,633
RT9A 7,920,600
SN7Q (SP7GIQ) 7,650,445
YP9W (YO9WF) 7,528,864
IR2C (IK2PFL) 7,438,956

Single Op 28 MHz High Power Assisted
PY1NX 2,718,225
LZ2HM 299,624
ZL2BR 286,405
BD7LMD 245,050
EO1I (UT1IA) 186,725
JA5FBZ 177,660
OK1FPS 158,865
DM3W 139,909
YO3KIA (YO3GLH) 126,720
DH8BQA 115,419

Single Op 21 MHz High Power Assisted
EA6URA (EA3AIR) 2,742,773
OK5R (OK1RI) 2,495,724
YT7Z (YU7EE) 2,207,439
YR1A (YO3JR) 1,934,632
S5ØR 1,899,432
JH3AIU 1,812,279
HG5D (HA8QZ) 1,610,608
EI2CN 1,603,296
KY4F (K4TD) 1,513,332
SN5X (SP5GRM) 1,482,850

Single Op 14 MHz High Power Assisted
RM5A (RU4W) 2,922,740
HA3DX (HA3UU) 2,806,111
OL6P (OK2PP) 2,678,040
LY5W 2,444,379
UN2E 2,334,514
RX9WN 2,047,395
OM8DD 1,908,872
JG3KIV 1,849,126
SO4M (SP4DEU) 1,847,352
RC7A 1,669,986

Single Op 7 MHz High Power Assisted
9A5Y (9A7DX) 4,006,977
LP5D (LU5DF) 3,845,475
YT4W (YU1DW) 3,505,128
OL4A (OM6NM) 3,461,028
9A5D (9A5DU) 2,443,203
S56X 2,427,615
RZ3BW 2,401,808
RY3D 2,073,703
NS1L/4 2,032,368
YP5T (YO5CBX) 1,163,538

Single Op 3.5 MHz High Power Assisted
DR1D (DL1NX) 1,335,168
9A3B (9A1AA) 1,115,000
YQ5C (YO5OHO) 825,360
HA3LI 771,969
EW8DJ 659,277
S53V 571,032
SP5ELA 531,552
UT7E (UW5EGC) 406,330
SP3GTS 292,495
RA3M 290,151

Single Op 1.8 MHz Band High Power Assisted
US5WE 240,700
DF2UU 205,088
RA6XV 13,013
9A2UZ 11,826

Single Op All Band Low Power Assisted
P4ØA (KK9A) 9,449,674
VP53V (W5CW) 7,005,145
YN2GY (K9GY) 5,943,632
RT9S 5,325,567
RV9UP 4,842,236
S5ØC (S53CC) 4,626,000
4Z5TK 4,375,740
EA5AER 3,252,040
LY3B 3,187,188
LZ9R (LZ3YY) 3,129,987

Single Op 28 MHz Low Power Assisted
LU3EHR 1,555,488
PJ4G (NA2AA) 1,211,392
LO5D (LU8EOT) 1,171,100
PY1MX 657,020
PY3XX 615,215
IØUZF 133,278
LU2AYB 101,100
HI3LFE 58,826
PY2BK 57,023
YT1BX 32,508

Single Op 21 MHz Low Power Assisted
PR3A (PY3OZ) 3,047,424
PX4X (PY4XX) 909,632
EA8AVK 665,456
JA1BPA 551,978
HB9EUY 463,250
RU5TT (UA3TW) 400,232
PY4FQ 375,858
BD8SZ 375,801
YO3ND 299,968
ZM3T (W3SE) 283,464

Single Op 14 MHz Low Power Assisted
CE3AA (XQ4CW) 2,631,200
RM5D 1,114,495
LZ5X 1,006,074
UAØWW 974,848
SP4JCQ 912,282
UA6LUQ 851,322
RA1ABR 653,132
EF5A (EA5FQ) 581,625
LZ1FH 506,825
SV4FFL 409,734

Single Op 7 MHz Low Power Assisted
YU2A 2,137,878
YT2AAA 2,033,752
DK8ZZ 1,869,156
OK1UG 1,298,212
UA3MIF 952,504
Z33F 894,852
TA7I 762,895
YO4DW 624,870
SP7LIE 475,392
LY1M 462,420

Single Op 3.5 MHz Low Power Assisted
E74WN 607,338
8SØDX (SMØDSG) 520,899
HGØR (HAØNAR) 196,282
SN5J (SP5JXK) 172,602
RA7Y 167,894
DL7URH 132,660
UR5IHQ 127,758
9A2GA 27,830
EU2EU 20,646
JG1LFR 19,829

Single Op 1.8 MHz Low Power Assisted
9A3R 169,400
E77EZ 96,192
IKØXBX 95,309
YO2AQB 36,864
UR5VR 16,490

Single Op All Band QRP
PJ2T (WI9WI) 3,484,383
N2NT (W2GD) 1,645,175
S57DX 1,499,332
UU2CW 1,475,131
RA3AN 1,423,700
TM3T (F5VBT) 1,281,840
UA7G 1,091,948
DF5RF 840,990
YL2CV 688,444
N4CW 648,462

Single Op 28 MHz QRP
LU7HZ 420,200
CX5CBA 140,811
BMØQRP (BV3FG) 33,000

Single Op 21 MHz QRP
S54AA 126,218
HG3IPA (HA3JB) 104,976
ON/DL1EFW (DL1EFW) 82,248
BD8ADT 69,504
AC5O 66,364
SP4GFG 59,500
JH7RTQ 57,531
JR1NKN 48,544
IZ2JPN 33,428
EI4II 23,718

Single Op 14 MHz QRP
VE6EX 294,588
YT5T 278,166
HA8MT 254,698
G3LHJ 150,965
UA1ATD 89,856
DL4XU 67,947
YU1OO 47,684
OH7FF 26,688
SP6BXM 24,960
JR6HMJ/1 24,045

Single Op 7 MHz QRP
YUØW 861,630
DM2DX 641,489
YO4BEW 456,453
OK1FKD 435,963
OL4W 352,179
UR3QNV 214,200
RC9YA (RW9Y) 189,316
RT5R 172,235
EU1AA 146,448
IW3ILM 117,160

Single Op 3.5 MHz QRP
SP4GL 218,736
UT5DJ 33,916

Single Op 1.8 MHz QRP
S53AR 34,686

Single Op All Band QRP Assisted
OK3C (OK2ZC) 1,700,728
OK6RA 1,437,830
OU2M (DK3WE) 980,316
HG6C (HA6IAM) 725,350
HA6PJ 619,080
E77TA 496,512
UX1UX 460,047
W4QO 408,918
SMØTHU 395,780
UR5FCM 358,832

Single Op 21 MHz QRP Assisted
YU1LM 218,736
JE2UFF 183,306
HAØGK 124,830
VE3XD 59,796
F/E73CQ 28,783

Single Op 14 MHz QRP Assisted
UR5LAM 309,448
RL3DZ 231,868
UAØW 222,678
MMØLGS 212,833
IZ2QKG 50,116
SP3IC 35,030
VE3HG 15,366

Single Op 7 MHz QRP Assisted
UX5UU 577,126
KU7Y 15,768

Single Op 3.5 MHz QRP Assisted
YU1XX 132,010
S55W (S5ØXX) 84,780

Single Op 1.8 MHz QRP Assisted
OL1A (OK1CW) 119,412

Multi-Single
P33W 29,106,540
P3N 28,254,870
CR2X 16,075,794
PJ6A 14,762,832
KP2M 14,634,092
UZ2M 13,770,464
LT1F 12,783,771
ZF1A 12,447,728
9A7A 12,145,652
9A33P 12,025,222

Multi-Two
CR3L 30,681,288
PS2T 29,460,992
UP2L 26,207,251
RF9C 25,128,630
TM6M 22,126,482
ED1R 15,528,667
HG7T 15,092,255
YT5A 14,923,326
YU5R 14,283,771
ZM1A 14,029,116

Multi-Multi
9A1A 27,552,348
DR1A 24,903,750
LZ9W 24,589,530
ES9C 23,897,450
IB9T 22,612,632
WW4E 18,325,664
NR4M 17,144,820
RWØA 16,397,552
HA3ØS 15,542,478
LY7A 11,657,754

ROOKIE
Single Op All Band High Power
UA5B 4,881,570
AB1OC 397,474

Single Op All Band Low Power
N1EN 1,419,984
RU27IT (RU4IT) 865,065
HZ1OS 807,270
SQ8KFM 677,040
DL2VV 634,001

W4TTM 231,814
DO6PS 217,674
HS4DDQ 145,544
F5VV 140,530
BH8BJO 127,440

Single Op 21 MHz Low Power
HB9EUY 463,250
PY1KR 438,372
YD1CSV 41,875
HS3ANP 32,250

Single Op 14 MHz Low Power
HS3LSE 46,224

Single Op 7 MHz Low Power
AB9YC 71,214
KK4CIS 54,404

Tribander/Single Element
Single Op All Band High Power
KV4FZ (N2TTA) 6,829,767
SU9AF 5,271,462
OL5Y 5,049,522
RN9CM 4,765,500
NXØX/4 (N4PN) 4,688,820
RT27WW (RT4RO) 4,615,923
VK6DXI 4,381,335
EU5T (EW2A) 4,320,470
K3EL/2 4,055,860
OQ5M (ON5ZO) 3,642,376

Single Op 28 MHz High Power
A65BD (G4BWP) 2,292,030
R9MC 113,665
4XØA (4X1VF) 36,040
NO6F (K2RD) 18,160
PY1CAS 14,740

Single Op 21 MHz High Power
C4Z (5B4AIZ) 3,778,800
OA4SS 2,208,789
WN1GIV/4 (N4BP) 2,046,148
EF1A (EA1XT) 534,650
DL7BY 349,304
G4R (YO4RDW) 332,990
SV9DJO 206,460
IZ8BRI 206,100
OM8LA 117,448
WK7S (K6LL) 78,960

Single Op 14 MHz High Power
UN2E 2,334,514
RX6AM 2,187,458
RX9WN 2,047,395
UA3RF 1,697,400
K9OM 1,634,000
Z39A 1,267,473
JA9CWJ 887,046
RA9UN 756,364
VE3CR 734,944
GS4FOC (GM3YTS) 498,309

Single Op 7 MHz High Power
9A6C 2,506,680
S58Q 584,730
IK2AOO 528,165
KZ5AA/4 (K4VU) 463,736
K9CC 208,250
EA4ZK 179,557
AB3CV 135,293
JM1NKT 123,492
VE6LB 46,332
W3SFG 42,840

Single Op 3.5 MHz High Power
E71A 1,287,230
9A3B (9A1AA) 1,115,000
YT4A (YT1AA) 899,584
HA3LI 771,969
EW8DJ 659,277
S53V 571,032
EA3AKA 143,440

Single Op 1.8 MHz High Power
9A2UZ 11,826

Single Op All Band Low Power
VP9FOC (VE3DZ) 10,299,040
EE8X (EA8AY) 7,548,556
RT9S 5,325,567
S5ØC (S53CC) 4,626,000
4Z5TK 4,375,740
OR2F 3,051,108

UA9AGX 2,887,746
S56A 2,570,409
KU2M 2,510,118
YL5X 2,008,590

Single Op 28 MHz Low Power Assisted
HI3LFE 58,826
UN3Z 28,812
YO2IS 27,963
UA9UX 26,299
OK2QX 17,072
NC6V 15,276

Single Op 21 MHz Low Power Assisted
PX4X (PY4XX) 909,632
JA1BPA 551,978
E77R 476,064
RU4SO 299,832
ZM3T (W3SE) 283,464
RWØW 108,741
JJ4ESI 100,200
ON/DL1EFW (DL1EFW) 82,248
Z32ØR (Z35F) 71,392
VE3IAE 71,360

Single Op 14 MHz Low Power Assisted
CE3AA (XQ4CW) 2,631,200
S54A 834,548

UA9WOB 781,100
DL9ZP 661,779
SV4FFL 409,734
UR5LAM 309,448
VE6BMX 299,788
DL2SAX 289,548
NJ3K 278,931
DL5GAC 273,036

Single Op 7 MHz Low Power Assisted
YU2A 2,137,878
YT2AAA 2,033,752
DK8ZZ 1,869,156
MØC (G3WGN) 1,724,076
F8AEE 396,792
G1N (G3MZV) 313,424
DL6HCC 262,552
NE2C 200,256
AA6XX 199,044
UA1ANA 193,270

Single Op 3.5 MHz Low Power
YUØA (YU1RA) 333,270
RA7Y 167,894
DL7URH 132,660
9A2GA 27,830
UR5UBR 27,108
JH7IMX 14,784

2013 CQ WW WPX CW USA TOP SCORES

Single Op All Band High Power
KM3T/1 (KØDQ) 8,439,667
K1LZ 8,395,912
KC3R (LZ4AX) 8,341,085
AK1W (K5ZD) 7,563,429
AA3B 7,072,897
W5WMU/1 (N5DX) 6,632,190
NQ4I (VE7ZO) 6,323,604
KQ8M 5,920,108
AB1HZ (K5KG) 4,866,015
WXØB/5 (AD5Q) 4,794,559

Single Op 28 MHz High Power
K9NW 81,997
K1KI 61,740
K4RDU 24,360

Single Op 21 MHz High Power
K3LR (N2NC) 2,497,343
WN1GIV/4 (N4BP) 2,046,148
K4FJ 529,008
WIØWA (NØAC@NØNI) 185,640
NU6S 105,848
K7XZ (K8BN) 89,505

Single Op 14 MHz High Power
KJ3X/4 2,404,831
KGØF (WØUA) 2,386,400
K9OM 1,634,000
W6NV 712,248
NØAT 533,403
K1TN/9 418,938
KN7T 381,100

Single Op 7 MHz High Power
N2MM 1,438,208
N8BJQ 738,108
KZ5AA/4 (K4VU) 463,736
WX9U 295,920
K9CC 208,250
K9UQN/4 152,712

Single Op 3.5 MHz High Power
W3BGN 275,328

Single Op All Band Low Power
W3EF 3,822,280
N5AW 2,643,900
KU2M 2,510,118
K3AJ 1,768,184
WJ9B/7 1,735,428
KQ1F (K1XM) 1,592,640
NA8V 1,314,627
K5KU 1,257,375
WD5K 1,007,830
K1TR 939,948

Single Op 28 MHz Low Power
NA4W (K4WI) 58,557
KS9K (N4TZ) 47,730
KN4Y 30,870
NC6V 15,276
AD5MN 14,475

Single Op 21 MHz Low Power
WB4TDH 521,170
K5ZCJ 24,530
K7ULS 21,944
W8KNO 13,182
NP4IW/KF6 (NP4IW) 12,727

Single Op 14 MHz Low Power
W8IQ 304,328
NJ3K 278,931
K4QPL 269,670
KX9DX 174,900
ADØH 47,232

Single Op 7 MHz Low Power
W2EG 1,063,390
WA1FCN/4 466,829
K9UIY 297,065
AA6XX 199,044
K4JC 133,952
KG1V 108,936
WN4AFP 85,140
K4MX 82,668
AB9YC 71,214
KK4CIS 54,404

Single Op All Band High Power Assisted
NY3A 7,353,014
WM3T (K3WI) 4,832,520
N3RR 4,624,760
AD4TR (N4UU) 4,074,470
WK1Q (K1MK@K1TTT) 3,856,773
KW7Y (K7RL) 3,835,386
W3FV 3,060,918
W8MJ 2,940,051
AB3CX/2 2,784,032
NA3M 2,692,708

Single Op 28 MHz High Power Assisted
NO6F (K2RD) 18,160
W2RR (WA2AOG) 16,614

Single Op 21 MHz High Power Assisted
KY4F (K4TD) 1,513,332
KE7X 432,666
NQ5K (W5ASP) 373,368
KQ7W (N7BV) 246,957
NG6S (W4UAT) 121,124
WK7S (K6LL) 78,960
NSØM 39,564

Single Op 14 MHz High Power Assisted
WS7L 333,900
NC7J (W7CT) 155,999
N2NS/6 68,034
K6III 55,539
N8AGU 27,451
KZ7X (K6LL) 26,070
WM9Q 13,272

Single Op 7 MHz High Power Assisted
NS1L/4 2,032,368
NO6T (N6NC) 242,755
AB3CV 135,293
WA2JQK 69,160
W3SFG 42,840
WV6I 18,800

Single Op 3.5 MHz High Power Assisted
KØRF 156,306

Single Op All Band Low Power Assisted
KZ1M (W1UJ) 2,082,159
KE1J 1,677,744
W3KB 1,607,616
N1EN 1,419,984
KS1J 1,368,684
K7WP 1,089,624
AD1C/Ø 1,026,564
WD4AHZ 992,310
NX1P/7 990,486
N4NX 966,852

Single Op 28 MHz Low Power Assisted
W6AWW 19,440
WB2AA 18,000

Single Op 21 MHz Low Power Assisted
W9ILY 155,116
NW2Q 134,068
KFØIQ 12,397

Single Op 14 MHz Low Power Assisted
N1QD 32,818
NW4V 26,775

Single Op 7 MHz Low Power Assisted
KZ3M (K3STX) 306,544
NE2C 200,256

Single Op All Band QRP
N2NT (W2GD) 1,645,175
N4CW 648,462
N7IR 641,322
KCØMO (KØOU) 494,515
KT8K 493,982
W6QU (W8QZA) 404,595
N2WN/4 267,696
K7HBN 218,075
WQ8RP (N8XX@KD8HNF) 184,728
KM6Z 151,510

Single Op 21 MHz QRP
AC5O 66,364
W5NZ/4 10,011

Single Op 14 MHz QRP
WA4JUK 19,680

Single Op 7 MHz QRP
N2JNZ 65,075
NN8UU 43,554
WØNV 28,890
NE6M 25,662
N1DZ 13,328

Single Op All Band QRP Assisted
W4QO 408,918
N3WD 148,656
W4JDS 39,875
WA2NYY 29,440
N9IXD 19,360
W1CSM 12,444

Single Op 7 MHz QRP Assisted
KU7Y 15,768

Multi-Single
NY4A 8,743,680
NY6N 6,558,484
WF6C 4,205,100
K5RX 4,104,837
KU7T 3,640,074
KØRC 2,724,040
WBØGAZ 2,544,480
NO7R 2,323,656
NW9X/4 2,252,850
AE7EG 2,037,320

Multi-Two
NR3X/4 12,537,336
KD4D/3 11,478,543
K9CT 9,232,265
KC7V 7,571,340
ND2T/6 5,942,851
K4VV 5,766,516
KU6W 2,614,780
WQ6X 2,199,040
NAØCW 1,790,043
NØMA 1,555,137

Multi-Multi
WW4E 18,325,664
NR4M 17,144,820
NR6O 7,733,989

ROOKIE
Single Op All Band High Power
AB1OC 397,474

Single Op All Band Low Power
N1EN 1,419,984
W4TTM 231,814
KK4HEG 62,080

Single Op 7 MHz Low Power
AB9YC 71,214
KK4CIS 54,404

Tribander/Single Element
Single Op All Band High Power
NXØX/4 (N4PN) 4,688,820
K3EL/2 4,055,860

AB3CX/2 2,784,032
WN2O (N2GC) 2,614,816
WR9D (KB9UWU) 2,338,362
K3MD 2,204,400
K1AR 1,943,235
N6JV 1,607,418
NW2K 1,415,340
WX6V 1,336,425

Single Op 28 MHz High Power
NO6F (K2RD) 18,160

Single Op 21 MHz High Power
WN1GIV/4 (N4BP) 2,046,148
WK7S (K6LL) 78,960

Single Op 14 MHz High Power
K9OM 1,634,000
K1TN/9 418,938
KN7T 381,100
NC7J (W7CT) 155,999
N8AGU 27,451
KZ7X (K6LL) 26,070
N5PU 13,962
WM9Q 13,272

Single Op 7 MHz High Power
KZ5AA/4 (K4VU) 463,736
K9CC 208,250
AB3CV 135,293
W3SFG 42,840
AB1U/6 (W6RKC) 10,488

Single Op All Band Low Power
KU2M 2,510,118
KE1J 1,677,744
AD1C/Ø 1,026,564
WD5K 1,007,830
WD4AHZ 992,310
K1TR 939,948
KN4QD 794,005
AB1J 741,850
W1EQ 714,559
KU8E/4 673,767

Single Op 28 MHz Low Power
NC6V 15,276

Single Op 21 MHz Low Power
W5NZ/4 10,011

Single Op 14 MHz Low Power
NJ3K 278,931
K4QPL 269,670
KX9DX 174,900
ADØH 47,232

Single Op 7 MHz Low Power
NE2C 200,256
AA6XX 199,044
K4JC 133,952
WN4AFP 85,140
N2JNZ 65,075
WT6P/7 14,706

operating as VP9FOC. YJØPO traveled to Vanuatu and set a new Oceania low power record while picking up the N6ZZ Memorial DXPedition trophy.

As in 2012, W3EF beat out N5AW for USA bragging rights. This is the third straight runner-up finish for Marv, N5AW. Kazu, M0CFW, traveled to MJ5Z to win Europe.

You can have a lot of high-powered fun running low power on a single band. The single band categories enable competitors to tailor their activity to fit their individual operating time and station capabilities. 7Z1SJ's score would have been fifth place HP 10 meter. D3AA followed up his runner-up finish in the SSB weekend with a commanding win on 15 meters. CN8KD on 20, S51F on 40, OM3ZWA on 80 and UX5NQ on 160 would all have placed in the top ten high power scores.

Single-Operator Assisted

1276 entries reported using QSO alerting assistance. Worldwide, EA8RM nudged past UPØL (UN9LW, op), while NY3A was tops USA. A lot of action took place in the assisted single band categories as well. PY1NX took 10-meter honors. All other assisted single band champions were located in Europe: EA6URA (EA3AIR) on 15, RM5A on 20, 9A5Y (9A7DX) on 40, DR1D (DL1NX) on 80, and US5WE on 160.

2013 CQ WW WPX CW EUROPE TOP SCORES

Single Op All Band High Power
4O3A (E73A/9A3A) 6,832,680
LZ6C (LZ3FN) 6,591,184
G5W (G3BJ) 5,566,972
GM9W (MØDXR) 5,219,640
S52OP 5,008,608
OG8X (OH6KZP) 4,895,561
UA4W 4,885,920
UA5B 4,881,570
OHØX (OH2TA) 4,636,010
UW1M 3,846,108

Single Op 28 MHz High Power
ED3T (EA3AKY) 120,832
R7AW 101,844
YR6ØA (YO8AXP) 99,910

Single Op 21 MHz High Power
UU7J (UUØJM) 2,374,060
S53A 2,365,880
E73W 2,130,905

Single Op 14 MHz High Power
CS2C (OK1RF) 4,334,660
YT5W (YU8A) 3,810,390
YT3A (YU7AV) 3,374,230

Single Op 7 MHz High Power
YT8A (YU1EA) 5,653,896
TMØR (F6FVY@F6KNB) 4,534,728
S5ØA 3,531,461

Single Op 3.5 MHz High Power
E71A 1,287,230
UT5UGR 986,832
YT4A (YT1AA) 899,584

Single Op 1.8 MHz High Power
9A2AJ 260,736
OH1RX 103,679
OG9W (OH2BCI) 93,744

Single Op All Band Low Power
MJ5Z (JK3GAD) 3,508,252
LY6A 2,843,450
EA3KU 2,007,870
F/W1NN 1,958,089
LY5I 1,857,306
R3QA 1,719,631
OK2MBP 1,634,616
SP1AEN 1,530,912
RU6CS 1,485,324
HB9ARF 1,416,204

Single Op 28 MHz Low Power
9A3VM 94,146
UT3LW 57,305
E71W 31,552

Single Op 21 MHz Low Power
S57KW 560,622
E77R 476,064
UR6IJ 450,867

Single Op 14 MHz Low Power
YT7M (YU7RL) 1,066,000
S54A 834,548
HA6OA 746,824

Single Op 7 MHz Low Power
S51F 2,189,484
MØC (G3WGN) 1,724,076
SP6OJE 1,134,958

Single Op 3.5 MHz Low Power
OM3ZWA 512,190
LY2T 498,892
LY4T 432,333

Single Op 1.8 MHz Low Power
UX5NQ 75,336
SM7MX (SM5MX) 69,552
OK1JOK 41,844

Single Op All Band High Power Assisted
LZ8E (LZ2BE) 9,044,828
S53MM 8,579,520
SN7Q (SP7GIQ) 7,650,445
YP9W (YO9WF) 7,528,864
IR2C (IK2PFL) 7,438,956
S59ABC (S51DS) 6,909,504
9A28EU (9A5K) 6,633,437
OE3K (OE1EMS) 6,431,661
S57AL 6,008,643
HA8JV 5,956,020

Single Op 28 MHz High Power Assisted
LZ2HM 299,624
EO1I (UT1IA) 186,725
OK1FPS 158,865

Single Op 21 MHz High Power Assisted
EA6URA (EA3AIR) 2,742,773
OK5R (OK1RI) 2,495,724
YT7Z (YU7EE) 2,207,439

Single Op 14 MHz High Power Assisted
RM5A (RU4W) 2,922,740
HA3DX (HA3UU) 2,806,111
OL6P (OK2PP) 2,678,040

Single Op 7 MHz High Power Assisted
9A5Y (9A7DX) 4,006,977
YT4W (YU1DW) 3,505,128
OL4A (OM6NM) 3,461,028

Single Op 3.5 MHz High Power Assisted
DR1D (DL1NX) 1,335,168
9A3B (9A1AA) 1,115,000
YQ5C (YO5OHO) 825,360

Single Op 1.8 MHz High Power Assisted
US5WE 240,700
DF2UU 205,088

Single Op All Band Low Power Assisted
S5ØC (S53CC) 4,626,000
EA5AER 3,252,040
LY3B 3,187,188
LZ9R (LZ3YY) 3,129,987
OR2F 3,051,108
EO7U (UY2UA) 2,903,568
HA6NL 2,826,198
R7MM 2,738,512
S56A 2,570,409
RA1AL 2,221,983

Single Op 28 MHz Low Power Assisted
IØUZF 133,278
YT1BX 32,508
ED7C (EA7KJ) 30,381

Single Op 21 MHz Low Power Assisted
HB9EUY 463,250
RU5TT (UA3TW) 400,232
YO3ND 299,968

Single Op 14 MHz Low Power Assisted
RM5D 1,114,495
LZ5X 1,006,074
SP4JCQ 912,282

Single Op 7 MHz Low Power Assisted
YU2A 2,137,878
YT2AAA 2,033,752
DK8ZZ 1,869,156

Single Op 3.5 MHz Low Power Assisted
E74WN 607,338
8SØDX (SMØDSG) 520,899
HGØR (HAØNAR) 196,282

Single Op 1.8 MHz Low Power Assisted
9A3R 169,400
E77EZ 96,192
IKØXBX 95,309

Single Op All Band QRP
S57DX 1,499,332
UU2CW 1,475,131
RA3AN 1,423,700
TM3T (F5VBT) 1,281,840
UA7G 1,091,948
DF5RF 840,990
YL2CV 688,444
RZ3QS 597,240
UX8IX 558,378
UA1CUR 471,630

Single Op 21 MHz QRP
S54AA 126,218
HG3IPA (HA3JB) 104,976
ON/DL1EFW (DL1EFW) 82,248

Single Op 14 MHz QRP
YT5T 278,166
HA8MT 254,698
G3LHJ 150,965

Single Op 7 MHz QRP
YUØW 861,630
DM2DX 641,489
YO4BEW 456,453

Single Op 3.5 MHz QRP
SP4GL 218,736
UT5DJ 33,916

Single Op 1.8 MHz QRP
S53AR 34,686

Single Op All Band QRP Assisted
OK3C (OK2ZC) 1,700,728
OK6RA 1,437,830
OU2M (DK3WE) 980,316
HG6C (HA6IAM) 725,350
HA6PJ 619,080
E77TA 496,512
UX1UX 460,047
SMØTHU 395,780
UR5FCM 358,832
LA/DK2AB (DK2AB) 165,249

Single Op 21 MHz QRP Assisted
YU1LM 218,736
HAØGK 124,830
F/E73CQ 28,783

Single Op 14 MHz QRP Assisted
UR5LAM 309,448
RL3DZ 231,868
MMØLGS 212,833

Single Op 7 MHz QRP Assisted
UX5UU 577,126

Single Op 3.5 MHz QRP Assisted
YU1XX 132,010
S55W (S5ØXX) 84,780

Single Op 1.8 MHz QRP Assisted
OL1A (OK1CW) 119,412

Multi-Single
CR2X 16,075,794
UZ2M 13,770,464
9A7A 12,145,652
9A33P 12,025,222
OM7M 11,681,856
RL3A 10,589,490
HG6N 10,232,541
E7DX 9,610,255
LX7I 9,130,320
IO1T 9,076,563

Multi-Two
TM6M 22,126,482
ED1R 15,528,667
HG7T 15,092,255
YT5A 14,923,326
YU5R 14,283,771
DM6V 13,876,250
DQ4W 13,596,128
LZ5R 13,093,665
DP9A 10,737,472
S52ZW 9,564,750

Multi-Multi
9A1A 27,552,348
DR1A 24,903,750
LZ9W 24,589,530
ES9C 23,897,450
IB9T 22,612,632
HA3ØS 15,542,478
LY7A 11,657,754
OH2K 3,591,919
LA1LUA 381,638

ROOKIE
Single Op All Band High Power
UA5B 4,881,570

Single Op All Band Low Power
RU27IT (RU4IT) 865,065
SQ8KFM 677,040
DL2VV 634,001

Single Op 21 MHz Low Power
HB9EUY 463,250

Tribander/Single Element
Single Op All Band High Power
OL5Y 5,049,522
RT27WW (RT4RO) 4,615,923
EU5T (EW2A) 4,320,470
OQ5M (ON5ZO) 3,642,376
UC7A 3,471,900
OM7RU 3,169,692
LA8OM 2,869,344
LY2J 2,713,672
OK7Y (OK1FDY) 2,498,656
F5VKT 2,361,147

Single Op 21 MHz High Power
EF1A (EA1XT) 534,650
DL7BY 349,304
G4R (YO4RDW) 332,990

Single Op 14 MHz High Power
RX6AM 2,187,458
UA3RF 1,697,400
Z39A 1,267,473

Single Op 7 MHz High Power
9A6C 2,506,680
S58Q 584,730
IK2AOO 528,165

Single Op 3.5 MHz High Power
E71A 1,287,230
9A3B (9A1AA) 1,115,000
YT4A (YT1AA) 899,584
EA3AKA 143,440

Single Op 1.8 MHz High Power
9A2UZ 11,826

Single Op All Band Low Power
S5ØC (S53CC) 4,626,000
OR2F 3,051,108
S56A 2,570,409
YL5X 2,008,590
DF1LX 1,992,320
F/W1NN 1,958,089
OK7T (OK1FHI) 1,761,540
R4WDX 1,661,184
EW5W (EW1IP) 1,566,984
OK6RA 1,437,830

Single Op 28 MHz Low Power
YO2IS 27,963
OK2QX 17,072

Single Op 21 MHz Low Power
E77R 476,064
RU4SO 299,832
ON/DL1EFW (DL1EFW) 82,248

Single Op 14 MHz Low Power
S54A 834,548
DL9ZP 661,779
SV4FFL 409,734

Single Op 7 MHz Low Power
YU2A 2,137,878
YT2AAA 2,033,752
DK8ZZ 1,869,156

Single Op 3.5 MHz Low Power
YUØA (YU1RA) 333,270
RA7Y 167,894
DL7URH 132,660

2013 CQ WW WPX SSB & CW COMBINED CLUB SCORES

UNITED STATES

Club	Entries	Score
POTOMAC VALLEY RADIO CLUB	125	179,217,849
NORTHERN CALIFORNIA CONTEST CLUB	103	153,879,440
YANKEE CLIPPER CONTEST CLUB	82	120,450,522
FRANKFORD RADIO CLUB	62	67,052,672
FLORIDA CONTEST GROUP	60	66,210,410
SOCIETY OF MIDWEST CONTESTERS	80	61,624,899
SOUTH EAST CONTEST CLUB	26	51,609,589
SOUTHERN CALIFORNIA CONTEST CLUB	43	32,560,624
ARIZONA OUTLAWS CONTEST CLUB	55	30,042,532
NORTH COAST CONTESTERS	12	27,892,667
MAD RIVER RADIO CLUB	21	27,792,068
DFW CONTEST GROUP	24	22,122,642
WESTERN WASHINGTON DX CLUB	29	18,043,427
NORTH TEXAS CONTEST CLUB	12	17,616,974
CENTRAL TEXAS DX AND CONTEST CLUB	12	17,268,689
WILLAMETTE VALLEY DX CLUB	31	15,302,952
MINNESOTA WIRELESS ASSN	48	12,482,375
GEORGIA CONTEST GROUP	11	12,068,489
ALABAMA CONTEST GROUP	28	11,929,669
TENNESSEE CONTEST GROUP	31	11,177,801
GRAND MESA CONTESTERS OF COLORADO	14	6,592,372
SPOKANE DX ASSOCIATION	13	5,979,261
HUDSON VALLEY CONTESTERS AND DXERS	12	5,818,118
CAROLINA DX ASSOCIATION	11	5,812,771
SAN DIEGO CONTEST CLUB	5	5,562,799
CTRI CONTEST GROUP	9	5,455,344
SOUTHWEST OHIO DX ASSOCIATION	5	3,563,698
ORDER OF BOILED OWLS OF NEW YORK	9	3,417,904
NORTHERN ROCKIES DX ASSOCIATION	5	2,369,541
LOUISIANA CONTEST CLUB	7	2,270,075
KANSAS CITY CONTEST CLUB	10	1,732,893
MISSISSIPPI VALLEY DX/CONTEST CLUB	7	1,706,994
BRISTOL (TN/VA) ARC	11	1,600,866
UTAH DX ASSOCIATION	6	1,306,715
BERGEN ARA	4	1,306,548
599 DX ASSOCIATION	4	1,177,564
DELARA CONTEST TEAM	7	1,172,560
ALLEGHENY VALLEY RADIO ASSOCIATION	3	719,926
MERIDEN ARC	4	635,440
REDWOOD EMPIRE DX ASSOCIATION	3	629,258
STERLING PARK AMATEUR RADIO CLUB	6	557,311
WESTERN NEW YORK DX ASSOCIATION	6	538,873
ROCHESTER (NY) DX ASSN	8	461,878
QSY SOCIETY	3	439,632
WEST PARK RADIOPS	7	379,049
TEXAS DX SOCIETY	3	370,344
SAN DIEGO DX CLUB	3	368,332
METRO DX CLUB	9	354,922
MADISON DX CLUB	4	331,767
GREAT SOUTH BAY AMATEUR RADIO CLUB	3	247,561
KANSAS CITY DX CLUB	5	220,924
SOUTH TEXAS DX AND CONTEST CLUB	4	161,982
LOW COUNTRY CONTEST CLUB	3	143,676
NORTH CAROLINA DX AND CONTEST CLUB	3	63,912
ALBUQUERQUE DX ASSN	3	60,626
MILFORD OHIO AMATEUR RADIO CLUB	4	49,662
WILLIAMSBURG AREA AMATEUR RADIO CLUB	3	30,829

DX

BAVARIAN CONTEST CLUB	245	329,299,265
RHEIN RUHR DX ASSOCIATION	148	304,531,043
ARAUCARIA DX GROUP	73	177,402,179
URAL CONTEST GROUP	28	131,865,897
CROATIAN CONTEST CLUB	67	121,629,912
LU CONTEST GROUP	43	117,618,065
CONTEST CLUB ONTARIO	70	115,159,166
RUSSIAN CONTEST CLUB *	49	103,793,771
SLOVENIA CONTEST CLUB	37	95,915,419
UKRAINIAN CONTEST CLUB	94	89,839,344
HA-DX-CLUB	15	84,886,456
DXARC DX COLOMBIA AMATEUR RADIO CLUB	4	67,691,758
ARAB CONTEST CLUB	6	66,678,303
CONTEST CLUB SERBIA	71	65,941,674
LES NOUVELLES DX	8	65,149,960
CONTEST CLUB FINLAND	37	57,097,412
LZ CONTEST TEAM	5	53,836,708
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	50	53,552,625
WEST SERBIA CONTEST CLUB	11	51,771,768
VK CONTEST CLUB	23	43,725,403
BOSNIA AND HERZEGOVINA CONTEST CLUB	22	41,679,081
BELOKRANJEC CONTEST CLUB	12	40,158,941
RADIO CLUB HENARES	8	34,969,321
ORCA DX AND CONTEST CLUB	24	34,490,226
FORTALEZA DX GROUP	6	34,445,782
BLACK SEA CONTEST CLUB	84	34,307,303
BELARUS CONTEST CLUB	29	30,524,758
LATVIAN CONTEST CLUB	32	26,616,682
CONTEST GROUP DU QUEBEC	16	25,650,086
SOUTH URAL CONTEST CLUB	19	20,970,113
RIO DX GROUP	41	20,908,597
WORLD WIDE YOUNG CONTESTERS *	17	20,021,272
SAUDI CONTEST GROUP	8	19,292,408
RUSSIAN CW CLUB *	45	17,712,083
RADIO CLUB VENEZOLANO CARACAS	14	17,553,913
MARITIME CONTEST CLUB	18	16,056,039
SP DX CLUB	53	15,073,213
SKY CONTEST CLUB	3	15,033,067
CHILTERN DX CLUB	10	14,366,812
CLIPPERTON DX CLUB	7	12,416,499
NOVOKUZNETSK RADIO CLUB	10	12,277,664
YB LAND DX CLUB	21	12,095,457
CENTRAL SIBERIA DX CLUB	5	11,190,532
DONBASS CONTEST CLUB	23	11,139,003
LA CONTEST CLUB	9	10,283,928
ARKTIKA	11	10,039,759
ALRS ST PETERSBURG	15	9,684,832
VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	16	9,422,621
SHAKHAN CONTEST CLUB	5	8,231,452
YO DX CLUB	18	8,071,258
URE	12	7,636,682
DANISH DX GROUP	17	7,634,435
CSTA BUCURESTI	5	7,559,127
YU CONTEST CLUB	4	7,554,987
THRACIAN ROSE CLUB	21	7,521,845
GUARA DX GROUP	20	7,156,418
MEDITERRANEO DX CLUB	20	6,554,009
IVANOVO DX CLUB	4	6,293,544
RADIO AMATEUR ASSOCIATION OF WESTERN GREECE	3	5,060,650
RADIO CLUB PARMA	5	5,011,871
VRHNIKA CONTESTERS	10	5,010,409
CDR GROUP	8	4,549,452
GIPANIS CONTEST GROUP	11	4,495,332
LITHUANIAN CONTEST GROUP	9	4,417,521
CONTEST CLUB CALIFORNIA PENINSULA	8	4,254,324
CHILEAN PACIFIC DX GROUP	13	4,177,559
R4F-DX-G	6	4,145,073
SIAM DX GROUP	4	4,005,042
599 CONTEST CLUB	6	3,743,023
RU-QRP CLUB	17	3,307,200
RIIHIMAEN KOLMOSET	4	3,143,092
RADIO CLUB URUGUAYO	5	3,114,799
OMSK RADIO CLUB	8	3,105,248
DOMODEDOVO	5	3,051,138
CSTA SUCEAVA	4	3,023,849
ARCK	13	2,946,532
BASHKORTOSTAN DX CLUB	7	2,904,859
VERENIGING VAN RADIO ZEND AMATEURS	3	2,904,320
CS PETROLUL PLOIESTI	6	2,395,848
CZECH CONTEST CLUB	3	2,384,220
SP CONTEST CLUB	5	2,263,051
SAMARA RADIO CLUB	4	1,960,459
SARATOVSKAYA OBLAST RADIO CLUB	11	1,913,056
CSM BAIA MARE	3	1,852,813
STAVROPOL REGION CONTEST CLUB	4	1,840,940
VLADIMIR CONTEST GROUP	11	1,778,423
VERON *	7	1,624,652
KILMARNOCK AND LOUDOUN ARC	4	1,581,151
KKKK CONTEST CLUB KRASNODARSKOGO KRAYA	3	1,565,543
ARGO	3	1,525,534
URVO GRANOLLERS	4	1,470,359
SASKATCHEWAN CONTEST CLUB	3	1,452,549
RCWC	5	1,403,535
UNIVERSITY OF TOKYO CONTEST CLUB	5	1,388,439
FALKOPINGS RADIOCLUB	7	1,365,624
ORENBURG CONTEST CLUB	3	1,350,104
VU CONTEST GROUP	6	1,317,423
URE-CARTAGENA	3	1,308,577
DARC *	21	1,203,852
ARGE BRAUNAU	5	1,194,589
LIPETSK RADIO CLUB	5	1,131,284
UR-QRP-CLUB	6	1,114,718
FIRST CLASS CW OPERATORS CLUB	3	989,973
CSM CLUJ-NAPOCA	5	942,342
RTTY CONTESTERS OF JAPAN	4	937,707
RADIOCLUBUL RADU BRATU	4	915,707
PERUGIA CONTEST CLUB	6	901,547
SK5LW ESKILSTUNA SANDAREAMATORER	5	894,498
GRUPO DXXE	4	831,498
MOSCOW RADIO CLUB	6	827,662
VOLYN CONTEST GROUP	10	681,519
BRACKNELL AMATEUR RADIO CLUB	3	564,741
EPC	4	550,229
GMDX GROUP	3	524,965
SK6AW HISSINGENS RADIOKLUBB	6	486,949
ARI	3	476,253
TDR	3	451,221
OBNINSK QRU CLUB	4	434,424
TEMIRTAU CONTEST CLUB	4	389,153
NOVOSIBIRSK CONTEST CLUB	3	372,377
ARA AMIGOS RADIO ALTOARAGON	4	332,234
VITEBSK CONTEST CLUB	3	314,614
RCC	4	305,536
SRR	4	294,517
PODOLSK	5	284,221
GQRP	3	274,230
ACR MADRONO	3	250,732
DELTA JANDARMI ASOCIATION TULCEA	3	172,086
LYNX DX GROUP	4	167,638
CANTAREIRA DX GROUP	3	145,962
OSORNO CONTEST TEAM	3	140,084
NANAIMO AMATEUR RADIO ASSOCIATION	3	100,305
NOR NIZHEGORODSKOE AMATEUR RADIO COMMUNITY	3	92,395
UDXC	12	90,700
DUBNA DX CLUB	3	35,282
UA2 CONTEST CLUB	3	33,446
CWJF GROUP	3	22,140
LKK LVIV SHORTWAVE CLUB	3	20,671
RADIOCLUBUL QSO BANAT TIMISOARA	5	19,681
ADMIRA ARAD	3	19,039
CS SILVER FOX DEVA	4	17,504
READING AND DISTRICT ARC	3	17,013

*Club entry does not meet all rules.

P40A (KK9A) world-high SOAB(A) LP in the 2013 WPX CW from P49V's station.

The M/2 team at PS2T.

John, KK9A, used his P4ØA call to win first place all band low power assisted in the world. Having a South American QTH seems to be important if you wish to score big on 10; LU3EHR led as South Americans swept the first five places. PR3A (PY3OZ) was king of 15-meter LP assisted, while CE3AA (XQ4CW) (20), YU2A (40), E74WN (80) and 9A3A (160) were the remaining LP assisted winners.

Single-Operator QRP

321 hardy individuals used 5 watts or less compared with 254 during the recent SSB weekend. Jim, WI9WI, packed his bags for PJ2T in Curacao and ran away with the QRP all band category in 2013. W2GD borrowed N2NT's New Jersey station to capture the USA QRP crown, narrowly missing the USA QRP record set last year by N2WN/4 by 41k points.

Some noteworthy QRP single band scores were posted by LU7HZ on 10, VE6EX on 20, and YUØW on 40.

Overlay Categories

The Rookie overlay category was established to encourage recently-licensed hams to try the contest experience. This year, 48 entries checked this overlay category. Only nine of the Rookies entered an assisted category with most using low power or QRP. UA5B was world high with 4.8 meg high power while

N1EN teamed up spotting assistance with his low power station to score 1.4 meg and take the North America plaque.

The Tribander/Single-Element overlay category recognizes that many stations face space constraints for antennas. 680 entrants selected this overlay. VP9FOC (VE3DZ) had the top score, and did it with low power. Well done! EE8X was runner-up, both low power and overall. NXØX (N4PN) was the leader among the USA Tribander/Single-Element competitors. KU2M had the highest USA low power score.

Multi-Operator

P33W set a new high-water mark in the Multi-Operator Single-Transmitter category, while P3N also bettered the previous mark. NY4A led the USA contingent.

There was plenty of competition in the Multi-Operator Two-Transmitter category as well. CR3L beat PS2T for overall bragging rights while UP2L took honors over RF9C in Asia. NR3X/4 had the highest score of any USA multi-two station.

It seems to be hard to staff a full-fledged multi-multi operation as summer approaches and the weather seems so nice. 9A1A won handily while WW4E took stateside honors.

Club Competition

The same clubs led the list this year as last year, but the point totals were considerably less than last year. The Bavarian Contest Club's impressive total score of nearly 330 million points built up from 245 club logs was nonetheless down more than 25% from their record set last year with a mere 184 logs. The Potomac Valley Radio Club's 125 logs totaled 179 million points, also down substantially.

Records

Even though radio conditions were down considerably from last year, the high overall level of activity is reflected in several new records: HK1R (World 21 MHz), P33W (World M/S), PJ4A (South America 7 MHz), TM6M (Europe M/2), and UP2L (Asia M/2). Records for all of the various categories and countries can be found at <http://www.cqwpx.com/records.htm>.

Miscellaneous Statistics

Only 16 stations entered the M/M category, but they made 77,403 QSOs. That's an average of 475 QSOs per operator (163 total M/M ops). The 52 M/2 stations were staffed by 252 operators, who averaged 645 QSOs per person. To put this into perspective, the median sized log for all categories of stations reported making 253 QSOs.

It is interesting to compare the QSO totals for three stations in the same general geographic area, but in different categories. CR3A made 4,336 QSOs as an unassisted single operator (second place

ED1R ops: EA7KW, EA1FAQ, EA7RM, EC4TA, EA7PP, EA4TX, EA4AOC, EC4DX.

The NR4M crew: N3UA-Sejo standing, 7Q7FOC-Jim, KE3X- Ken, KC4D- Bill, Jennifer (contester in training) sitting, K4Z- Ken, and K2KW-Kenny.

OL7C ops — OK1FIK, OK1UBO, OK1DUB, OK1DOL (DL7CX not shown).

worldwide). In that category, the operator can only operate 36 hours, but can interleave QSOs on two or more bands with no restrictions on band changes. CR2X made 5,302 QSOs to place third worldwide in the M/S category, where the three operators used the entire 48-hour contest period, but were limited by the rules in the number of band changes and in general could not work people on more than one band at a time. CR3L, the world-champion M/2, made 6,205 QSOs, again with only three operators. As an M/2 station, CR3L could use two bands at the same time and was also subject to a strict number of band changes during an hour.

Low power entries were submitted by 2,109 single operator stations while 1,322 used higher power and 351 went QRP. Overall, unassisted operation was favored by a nearly two to one margin, 2,447 to 1,305. High power stations narrowly favored unassisted (678 vs. 644) while low power operators overwhelmingly endorsed the "boy and his radio" style of operation (1,513 unassisted vs. 596 unassisted) and the QRP ops voting 256 to 65 for the unassisted style of operation. Even rookies were four times more likely to be operating without than with assistance. The proportion of operators making these various "style" choices was very similar to those in the SSB weekend.

Final Observations

Most of the pictures submitted came from multi-op stations. While we appreciate that it is easier to get a candid shot when there are extra people around, it's OK to have a picture taken before or after the contest as well, which may be easier for a single-op to arrange.

There are a number of volunteers who make running and reporting the contest possible. The previous contest director, Randy, K5ZD, has continued to provide guidance to the new

director, N4TZ. The software support from K1EA and K5TR is more important than ever with the rapid log adjudication cycle. N8BJQ and WI9WI provided the skilled analysis of the logs that computers alone cannot provide. Doug, K1DG, handles the plaques, while Barry, W5GN, prints and mails your certificates, both in a very timely manner. Paper logs were manually entered by KD9MS, K9MI, K9ZM, W9TC, KC9EOQ, K9QVB, K9WX and N4TZ. K5ZD runs and improves the already outstanding CQ WPX website.

The 2014 CQ WPX CW Contest will be held May 24-25. The log deadline is five days after the conclusion on the contest, May 30 at 2359Z. Updated rules will be published in the February issue of CQ and will be posted on the website: <http://www.cqwpx.com>.

CQ World-Wide WPX CW Contest
All-Time Records

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

WORLD RECORD HOLDERS
Single Operator

1.8	IH9/OL5Y('98)	341,068	182
3.5	TM5Y('08)	1,983,366	567
7.0	3V8CB('10)	10,758,020	805
14	UP2L('09)	7,928,886	1043
21	HK1R('13)	8,337,384	1044
28	ZX5J('02)	6,787,440	857
AB	EF8M('12)	19,538,250	1195
LP	P49Y('11)	11,008,296	936
QRP	P4ØW('97)	4,018,208	632
Assisted	6Y3W('12)	12,916,100	1060

Multi-Operator Single Transmitter

P33W('13)		29,190,427	1357

Multi-Operator Two Transmitter

PW7T('12)		34,156,451	1457

Multi-Operator Multi-Transmitter

HC8N('99)		54,697,072	1264

U.S.A. RECORD HOLDERS
Single Operator

1.8	WV8JR('07)	56,760	132
3.5	W3BGN('08)	641,092	332
7.0	KG1D('04)	3,681,828	657
14	N2NC('06)	5,418,630	915
21	NU5A('99)	4,411,299	789
28	WW4M('01)	2,547,046	674
AB	KC3R('12)	11,264,620	1060
LP	W3EF('12)	5,704,362	933
QRP	N2WN/4('12)	1,686,608	592
Assisted	NY3A('12)	9,923,563	1079

Multi-Operator Single Transmitter

KM3T/1('12)		15,311,340	1254

Multi-Operator Two Transmitter

NN3L('12)		21,964,974	1362

Multi-Operator Multi-Transmitter

NR4M('12)		26,785,984	1426

WPX (Prefix) RECORD

9A1A('12) 1603

CLUB RECORD

Bavarian Contest Club ('12) 441,610,686

CONTINENTAL RECORD HOLDERS

AFRICA

1.8	IH9/OL5Y('98)	341,068	182
3.5	7X0RY ('08)	1,701,260	407
7.0	3V8CB('10)	10,758,020	805
14	6W1SJ('09)	6,755,364	924
21	5X1Z('01)	6,362,352	782
28	ZS4TX('01)	4,602,028	722
AB	EF8M('12)	19,538,250	1195

ASIA

1.8	4X4NJ('96)	259,420	170
3.5	TAØ/Z33F('02)	1,452,552	348
7.0	ZC4LI('10)	4,770,336	632
14	UP2L('09)	7,928,886	1043
21	A45XR('99)	6,557,697	843
28	HZ1AB('02)	3,669,994	659
AB	4L0A('09)	12,560,363	967

EUROPE

1.8	SN7Q ('08)	339,542	307
3.5	TM5Y('08)	1,983,366	567
7.0	CT1JLZ('09)	6,075,936	816
14	4O3T ('06)	5,313,554	986
21	CR1X('12)	7,293,280	1154
28	9HØA('01)	3,965,315	841
AB	CR2X('11)	10,498,800	1040

NORTH AMERICA

1.8	VA1A('99)	103,680	120
3.5	FM5BH('97)	833,490	315
7.0	V26BA('97)	6,227,550	659
14	N2NC('06)	5,418,630	915
21	ZF1A('99)	5,330,129	799
28	FM5GU('01)	2,849,769	621
AB	VY2TT('12)	14,249,235	1155

OCEANIA

1.8	KH6ND('07)	22,100	50
3.5	KH6ND('09)	596,673	231
7.0	ZM3A('09)	6,437,695	737
14	KH6ND('03)	4,126,690	730
21	KH6ND('99)	6,107,256	813
28	KH6ND('00)	1,523,008	424
AB	NH2T('12)	11,438,122	991

SOUTH AMERICA

1.8	HK1MW('11)	18,300	50
3.5	YX3A('89)	1,004,060	305
7.0	PJ4A('13)	8,744,862	826
14	HK1X('11)	7,254,266	1006
21	HK1R('13)	8,337,384	1044
28	ZX5J('02)	6,787,440	857
AB	PJ4A('11)	16,272,730	1018

MULTI-OPERATOR SINGLE TRANSMITTER

AF	CQ3A('11)	26,093,210	1285
AS	P33W('13)	29,190,427	1357
EU	ES9C('12)	17,760,738	1438
NA	8P4A('02)	18,516,960	1056
OC	AH2R('01)	11,541,420	957
SA	P49V('01)	19,760,744	1034

MULTI-OPERATOR TWO TRANSMITTER

AF	EF8M('07)	33,324,192	1256
AS	UP2L('13)	26,207,251	1273
EU	TM6M('13)	22,126,482	1407
NA	NN3L('12)	21,964,974	1362
OC	KH6LC('12)	17,095,460	1198
SA	PW7T('12)	34,156,451	1457

MULTI-OPERATOR MULTI-TRANSMITTER

AF	CQ3L('10)	28,736,154	1173
AS	A61AJ('02)	42,766,232	1244
EU	DR1A('12)	34,790,058	1598
NA	6Y2A('02)	38,821,328	1274
OC	ZL6QH('04)	16,143,840	1010
SA	HC8N('99)	54,697,072	1264

QRP

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