Results of the 2013 CQ WW WPX SSB Contest

BY TERRY ZIVNEY,* N4TZ

Even though the 2013 CQ WPX WW SSB Contest fell on Easter weekend, we received a record number of logs this year, 5461, up from the 5365 received last year. The number of logs submitted has more than doubled in the last ten years, with nary a down year in the decade. If only the stock markets were so reliable!

For many, Easter is a time for family activities, with ham representing the main dish on the Easter table. Many amateurs found room for another helping of "ham" this holiday.

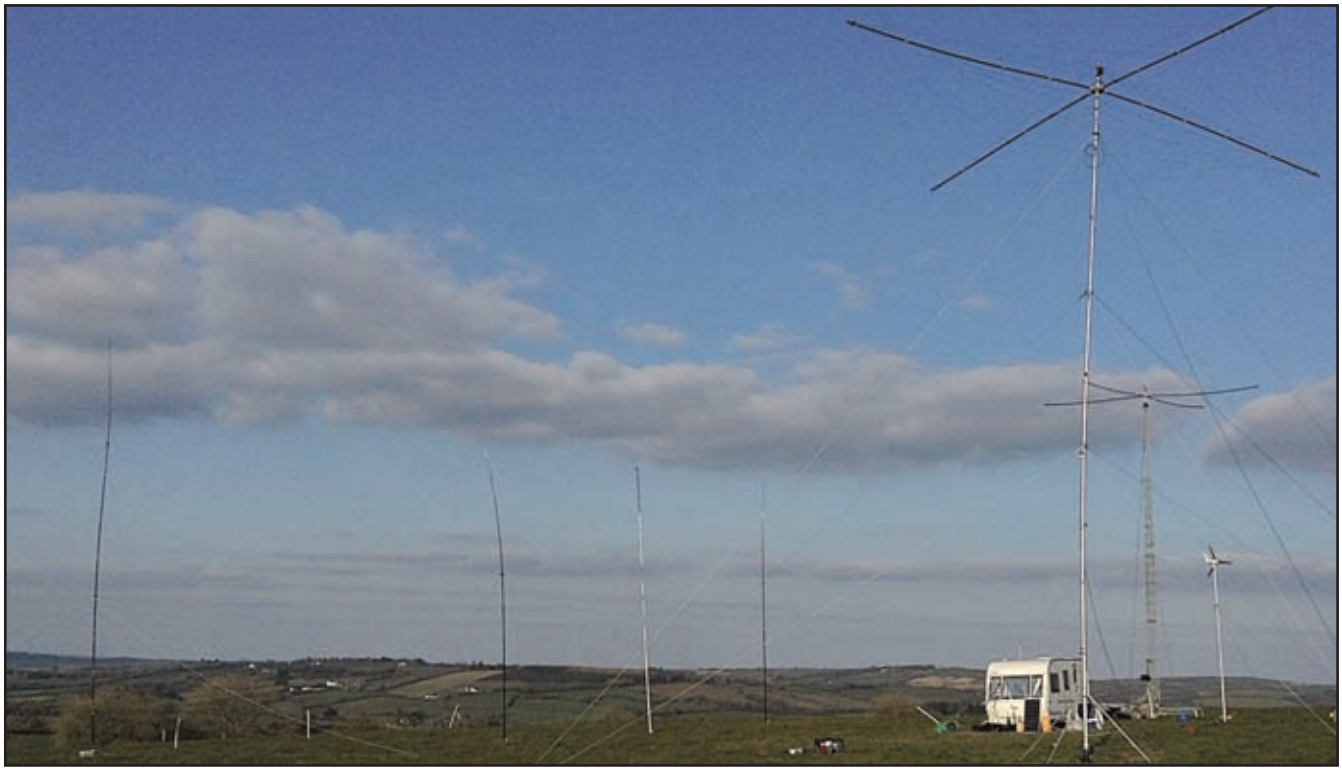
Andy, KU7T, did a multi-single activity in Washington State. "My 9-year-old daughter Emma ran her first contest and did about 100 QSOs. We did a semi-serious effort in between Easter and other weekend activities. It was a blast to see my daughter work the radio and computer."

Brian, N8WRL, reports from South Carolina: "My high-school-junior daughter (KJ4OTY) and I made our first serious attempt at contesting in this past weekend's WPX phone. We had an absolute blast and I was delighted that she was interested in doing it with me! Most of our operating was one of us logging while the other operated. I can tell you her voice was gold in the runs—not many YLs!" Brian and Olivia had the top Multi-Operator Single-Transmitter score in the USA W4 region, with low power yet!

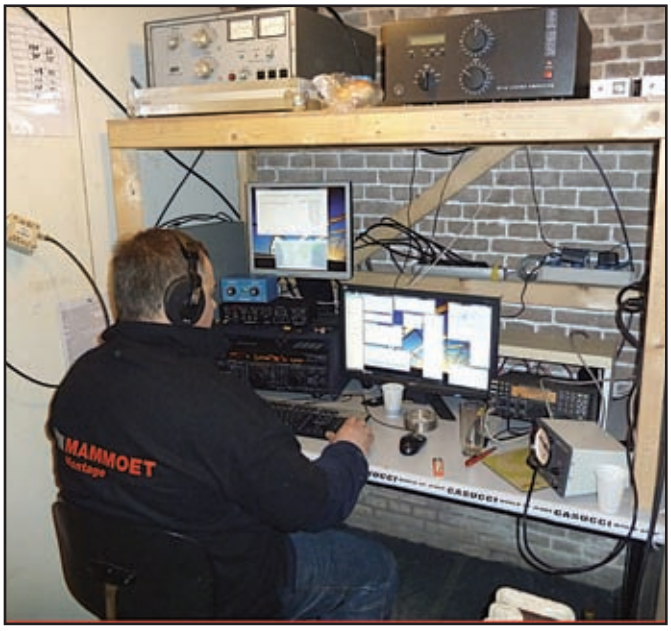
Olivia, KJ4OTY, and proud dad Brian, N8WRL, made a fine showing in their first serious contest winning M/S in W4, with low power!

Joe, IT9BLB, in Sicily notes: "For us, Easter weekend and WPX are not the best to drop together, so we decided to mix the traditional stay together with our families, typical barbecues, and a big contest. Having some active XYLs (IT9APL and IT9ZRU) and some other ham friends who came just for the fest, we decided to run a fun Multi/Multi giving them the opportunity to be really part of the contest. For some reason, it was also decided to

*e-mail: n4tz@cqwpx.com



Olivier, ON4EI, erected this fine field-day-style antenna farm for his operation as EI1A primarily powered by green energy (see the wind turbine and the solar cells?). What other kind would you expect from the Emerald Isle?



Steef, PA3S, at the run station of PI4CG.

use our Elmer's call, IT9ZGY, instead of the usual IR9Y. Several newcomers had many hours of nice contesting for their first time: Real fun for everybody!" I'll bet it was real fun to run up with over 20-million points in the M/M category.

Those who dislike contesting say it is about the Haves and the Have Nots. . . . Well, it is. There are those having fun and those who are not. You don't have to win to have fun.

Witness the excitement found in the contest by Elizabeth, KI6TIB: "Made my second and third HF contacts ever, on my own and without my Elmer!"

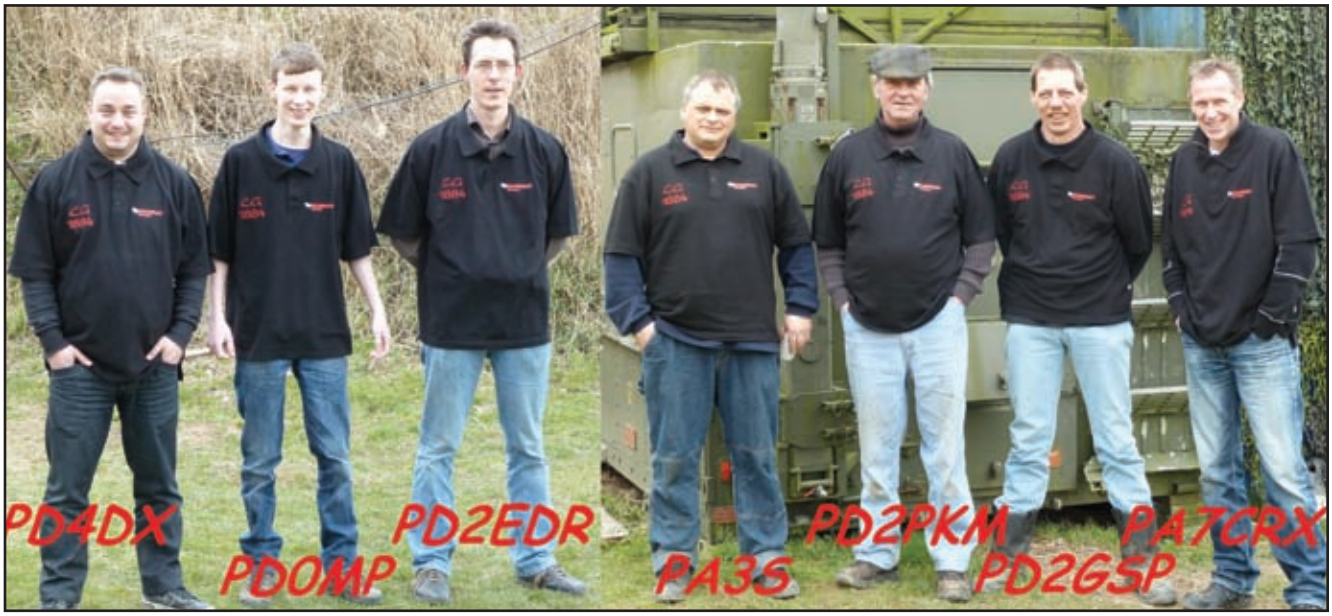
Many people participate in contests because it is an easy way to collect contacts toward various awards. The CQ WPX SSB Contest received logs from more than 150 countries around the world, many sporting unusual prefixes. D4C set a new prefix-worked mark with 1926 prefixes. As might be expected, the two top single-operator scores led the way amongst individual operators with 1433 and 1429 prefixes, respectively. CR3A had an amazing 1320 prefixes on 15 meters alone. 140 stations worked at least 1,000 prefixes. It takes 300 prefixes confirmed on SSB to qualify for *CQ* magazine's WPX award (see the rules elsewhere in this issue). 1,363 stations had at least 300 prefixes worked during the contest weekend. I imagine that eQsl.cc and ARRL's LoTW websites got quite a workout after all of the activity this year's contest generated.

Still, competition is at the heart of contesting. The CQ WPX Contest provides many levels of competition– for a plaque, for a spot in the top scores box, with the operator just ahead of you in the box or the call area, or with your own score from last year. With over 5,000 competitors, and many more participants who didn't send in logs, there are numerous examples. Just a couple: UA9OMT edged YT8T by 1,660 points out of over 1.46 million for seventh place, 15 meters low power—a difference of less than one mult. E75A edged ER2RM by 474 points out of 69,000 for fifth place, 160 meter low power—just a couple of busted callsigns difference. You can find out how you, and your competitors, did at ,www.cqwpx.com> where the full line scores of all the categories will be posted, along with a searchable database of scores for all past CQ WPX contests. You will also find public logs from all the competitors to help you plot your strategy for next year. You are looking forward to next year, right?

Single-Operator All Band

Some people might think that Jim, W7EJ, had a tough decision to make. As the operator of CN2R, he holds all of the WPX SSB single operator world records except for the 10-meter category. But, if he tried to capture the 10-meter record for a clean sweep, he might lose his prestigious All-Band record to Tom, W2SC, at his 8P5A station. In the end, Jim chose to defend his All-Band title and set a new record, improving his 2012 total by nearly 3-million points. Tom could only increase his North American record by 2.3-million points. As it turned out, PX5E's top 10-meter score was over 2.5-million points less than his 2012 record, so it appears Jim made the correct choice all the way around!

Three Canadians made the world top ten, led by CF3A (VE3AT op) in fourth place overall. KJ3X/4 (K4XS op) in Florida was tops



The operators of PI4CG: PD4DX, PDØMP, PD2EDR, PA3S, PD2PKM, PD2GSP, PA7CRX. They gave PI4DX a real run for their money in the M/2 category.

2013 WPX SSB TROPHY WINNERS AND DONORS

SINGLE OPERATOR ALL BAND

WORLD: Stanley Cohen, W8QDQ Trophy. Won by: **CN2R operated by James P Sullivan, W7EJ**
WORLD Low Power: Caribbean Contesting Consortium Trophy. Won by: **Rob Van Geen, NH6V**
WORLD QRP: Phil Krichbaum, NØKE Trophy. Won by: **Ymanol Caires,YW2LV**
USA: Atilano de Oms, PY5EG Trophy. Won by: **KJ3X/4 operated by Bill Kollenbaum, K4XS**
USA Low Power: Terry Zivney, N4TZ Trophy. Won by: **NV1N operated by Edward Sawyer, N1UR**
USA QRP: Doug Zwiebel, KR2Q Trophy. Won by: **Randy Shirbroun, NDØC**
USA Zone 3 High Power: Lauri "Mac" McCreary, KG7C Trophy. Won by: **Brad Wallingford, K7ZSD**
USA Zone 3 Low Power: Buz Reeves, K2GL Memorial Trophy. Won by: **Paul E. Dorey, WN6K**
USA Zone 4 High Power: Society of Midwest Contesters Trophy. Won by: **George A. Demontrond III, NR5M**
USA Zone 4 Low Power: Society of Midwest Contesters Trophy. Won by: **Greg Chapoton, NA8V**
USA Zone 5 High Power: Paul Obert, K8PO Trophy. Won by: **Robert L. Shohet, KQ2M/1**
EUROPE High Power: Jim Hoffman, N5FA Trophy. Won by: **RT4F, operated by Pavel Bagachev, RK4FD**
EUROPE Low Power: Ed Sawyer, N1UR Trophy. Won by: **EI1A, operated by Olivier Vandenbalck, ON4EI**
EUROPE QRP: Rick Williams, VE9HF Trophy. Won by: **Igor Golikov, R2MA**
AFRICA: Peter Sprengel, PY5CC Trophy. Won by: **3V8BB, operated by Hrane Milosevic, YT1AD**
ASIA: Chris Terkla, N1XS Trophy. Won by: **UP2L, operated by Grigoriy Smirnov, UN9LG**
NORTH AMERICA: Albert Crespo, F5VHJ Trophy. Won by: **8P5A operated by Tom Georgens, W2SC**
NORTH AMERICA Low Power: Ed Sawyer, N1UR Trophy. Won by: **Kei Fukuda, KG2A/VP9**
NORTH AMERICA QRP: Phil Krichbaum, N0KE Trophy. Won by **Julius Fazekas, N2WN/4**
OCEANIA High Power: Phillip Frazier, K6ZM Memorial Trophy. Won by: **Atsuo Sakuma, 5W1SA**
OCEANIA Low Power: YB Land DX Club Trophy. Awarded to**: Felimon Morano, Jr., DV1JM**
SOUTH AMERICA: Andrew Faber, AE6Y Trophy. Won by: **P40L operated by John A. Fore, W6LD**
SOUTHERN CONE (CE, CX, LU) Low Power: LU Contest Group Trophy. Won by**: XR3Y operated by Esteban Asenjo, XQ7UP**
CANADA High Power: Saskatchewan Contest Club Trophy. Won by: **CF3A operated by Ron Vander Kraats, VE3AT**
CANADA Low Power: Paul Cassel, VE3SY Memorial Trophy. Won by: **Steven Goldberg, VA3SWG**
JAPAN: Hamad Alnusif, 9K2HN Trophy. Won by: **Masaki Okano, JH4UYB**

SINGLE OPERATOR, SINGLE BAND

WORLD: Steve Merchant, K6AW Trophy. Won by: **CR3A operated by Luis E.P. Gomes, CT3DL (21 MHz)**
WORLD 28 MHz: Jorge Taboada, EA9LZ Trophy. Awarded to: **PX5E operated by Sergio Lima de Almeida, PP5JR**
WORLD 28 MHz Low Power: Six Stars Contest Station LS1D Trophy. Won by: **ZY2WPX operated by Guilherme Vaz, PU2LEP**
WORLD 21 MHz: Stuart Santelmann KC1F Memorial (W3UA/RA3AA sponsor) Trophy. Won by: **PW5G operated by Walter Vicente Gomes Filho, PP5WG**
WORLD 14 MHz: Jorge Taboada, EA9LZ Trophy. Won by: **P41A operated by Jean-Pierre Lauwereys, P43A**
WORLD 7 MHz: Jorge Taboada, EA9LZ Trophy. Won by: **YT8A operated by Dusan Ceha, YU1EA**
WORLD 7 MHz Low Power: Neal Campbell, K3NC Trophy. Won by: **Daniel Nunes, YY4DNN**
WORLD 3.7 MHz: D4C Contest Team Trophy. Won by: **Omari Odoshashvili, 4L5O**
WORLD 1.8 MHz: UA2 Contest Club Trophy. Won by: **Algirdas Uzdonas, LY7M**
USA 28 MHz: Maurice Schietecatte, N4LZ Trophy. Won by: **KZ5MM operated by Chuck Dietz, W5PR**
USA 21 MHz: Maurice Schietecatte, N4LZ Trophy. Won by: **KR4Z operated by Jay E. Camac, N4OX**
USA 14 MHz: Charles Wooten, NF4A Trophy. Won by: **John Bayne, KK9A/4**
USA 7 MHz: Yankee Clipper Contest Club Trophy. Won by: **Pat Sonnier, W5WMU**
USA 3.7 MHz: Bernie Welch, W8IMZ Memorial (WB8MRU sponsor) Trophy. Won by: **Steven Sussman, W3BGN**
EUROPE 14 MHz High Power: SJ2W Contest Team Trophy. Won by: **SJ2W operated by Mikael Larsmark, SM2WMV**
EUROPE 3.7 MHz High Power: Ranko Boca, 4O3A Trophy. Won by: **DR1D operated by Alexandre Correia, DL1NX**

SINGLE OPERATOR ASSISTED

WORLD: Emir-Braco Memic, OE1EMS Trophy. Won by: **P40Z operated by Helmut Mueller, DF7ZS**
USA: Alabama Contest Group Trophy. Won by: **Gene Shablygin, WU3A/1**
EUROPE: Martin Huml, OL5Y Trophy. Won by: **LX7I operated by Phillipe Lutty, DJ8OG**

OVERLAY CATEGORIES

WORLD Tribander/Single-Element: Helmut Mueller, DF7ZS Trophy. Won by: **Yuri Onipko, VE3DZ**
USA Tribander/Single-Element: Paul Newberry, N4PN Trophy. Won by: **NX0X/4 operated by Paul H. Newberry, Jr., N4PN**
USA Tribander/Single-Element Low Power: Al Josza, KG1E Trophy. Won by: **Peter Bizlewicz, KU2M**
Europe Tribander/Single-Element: Roger Miner, K1DQV Trophy. Won by: **Igor Vachevsky, RT4RO**
WORLD Rookie: Val Edwards W8KIC Memorial (K3LR sponsor) Trophy. Won by: **Victor Ivanov, UN8GV**

MULTI-OPERATOR, SINGLE-TRANSMITTER

WORLD: Latvian Contest Club Trophy. Won by: **P33W operated by RX3APM, RL3FT, UA4FER, R3DCX, RW4WR, and RA3AUU**
USA: Steve Bolia, N8BJQ Trophy. Won by: **K1LZ operated by K1LZ, AE2W, K3JO, N8BO, and W1UE**
AFRICA: Rhein Ruhr DX Association Trophy. Won by: **EB8AH operated by EA5DY, EA8AH, EA8ZS, and EA8RM**
ASIA: W2MIG Memorial (NX7TT Sponsor) Trophy. Awarded to: **H27A operated by R2AA, 5B8AD, RN3TT, R9WR, UA9SCX, UU6JR, UA9CDV, RK3QS, and RT3T**
EUROPE: Tonno Vahk, ES5TV Trophy. Won by: **EI7M operated by EI3JE, EI8IR, EI3JZ, MØWLF, EI5GM, and MØMAT**
NORTH AMERICA: North Pole Contest Group Trophy. Won by: **WP2Z operated by K8MJZ, WP2XX, K9VV, and NQ6N**

MULTI-OPERATOR, TWO-TRANSMITTER

WORLD: Ken Adams, K5KA Memorial Trophy. Won by: **RF9C operated by R9DX, RA9CMO, RA9FW, UA9CDC, UA9CIR, and UA9MA**
USA: Florida Contest Group Trophy. Won by: **K9CT operated by K9CT, K9PW, K9ZO, KB9UWU, and WE9V**
AFRICA: Walter Skudlarek, DJ6QT Trophy. Won by: **ED9Z operated by EA7HZ, EA7JB, EA7RU, and EA9LZ**
EUROPE: Bernd Och, DL6FBL Trophy. Won by: **TM6M operated by F1AKK, F4DXW, F5MUX, F8DBF, F8FKJ, F8FTY, and TU5KG**

MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Gail M. Sheehan, K2RED Trophy. Won by: **D4C operated by I4UFH, IZ4DPV, CT1ESV, and HB9DUR**
USA: Dale Hoppe, K6UA Memorial Trophy. Won by: **WX3B operated by WX3B, K3WI, N8IVN, NE3K, K3AJ, WA3AER, NH7C, KB3CS, and N3YIM**
EUROPE: Rick Dougherty, NQ4I Trophy. Won by: **DR1A operated by DJ7EO, DL1QQ, DL2YL, DL3DXX, DL4NAC, DL6FBL, DL8DYL, DL9DRA, DM3DA, JK3GAD, PA1TX, SP3LPG, and UU4JMG**

CONTEST EXPEDITION

WORLD: C6APR Memorial (PT7ZZ sponsor) Trophy. Won by: **TO7BC operated by Hartwig Kauschat, DL7BC**

2013 WPX SSB WORLD TOP SCORES

Single Op All Band High Power

CN2R....30,683,396
8P5A (W2SC)....27,171,006
P4ØL (W6LD)....19,873,941
CF3A (VE3AT)....16,362,927
3V8BB....15,592,250
UP2L (UN9LG)....14,672,413
VE3EJ....14,193,114
VE3DZ....13,751,535
6V7S (RK4FF)....13,706,505
KJ3X/4 (K4XS)....13,560,534

Single Op 28 MHz High Power

PX5E (PP5JR)....15,065,172
CW5W (CX6VM)....14,879,280
LU5FC....11,248,038
PX2B (PY2LED)....7,124,299
PP5FB....4,518,612
T5TC (TA1HZ)....557,535
TI2OY....492,338
PP5ZP....462,364
ZP5MAL....458,575
5Z4/EA4ATI....451,484

Single Op 21 MHz High Power

CR3A (CT3DL)....15,458,520
PW5G (PP5WG)....8,426,025
4LØA (4L4WW)....5,701,340
E77XZ (DK6XZ)....5,273,280
YU5A (YU1EW)....3,904,242
C4Z (5B4AIZ)....3,771,220
TM1W (F1HAR)....3,549,333
LV5V (LU5VV)....3,109,658
4A1TD (XE1H)....2,232,358
EE6E (EA6DD)....2,214,225

Single Op 14 MHz High Power

P41A (P43A)....10,726,620
9Y4W....9,382,641
PR5B (PY2LSM)....8,485,672
YW4D....7,938,495
SJ2W (SM2WMV)....6,986,865
KK9A/4....6,526,884
EA1FDI....3,428,568
OHØR (OH2PM)....3,109,194
PJ2T (VA7AM)....3,085,582
YT1A....2,969,175

Single Op 7 MHz High Power

YT8A (YU1EA)....8,645,858
S5ØA....7,840,833
OH9W (OH2TA)....1,079,296
S57O....1,067,065
DM6DX....926,289
IKØGDG....826,232
EA7RM....697,878
WH7W....620,972
UR6EA....504,612
VY2LI....441,344

Single Op 3.7 MHz High Power

4L5O....3,511,998
EB3CW....1,681,160
YT4A (YT1AA)....1,459,659
9A3B (9A1AA)....1,377,288
US5D (UT7DX)....1,147,531
YTØW (YU1JW)....1,120,952
PA9M....1,032,240
S58WW....952,380
LY5W....819,396
YO3VU....668,388

Single Op 1.8 MHz High Power

LY7M....501,208
HA3HZ....76,825
UA6AIW....54,612
GM4AFF....46,032
F5VMN....29,748
EA1DLU....15,252
W3UR....7,176

Single Op All Band Low Power

NH6V (@KH6LC)....6,679,200
NV1N (N1UR)....4,835,721
XR3Y (XQ7UP)....3,159,708
RV9CBW....3,135,492
RT9S....3,124,355
EI1A (ON4EI)....2,984,805
PY2NY....2,796,570
KG2A/VP9....2,447,240
E21EIC....2,411,550
KU2M....2,383,264

Single Op 28 MHz Low Power

ZY2WPX (PU2LEP)....6,029,904
CX5CBA....3,456,162
YB2DX....3,040,414
LU6FOV....2,758,007
EA8TX....1,635,108
ED8B (EA8CZT)....1,370,172
CX2CC....1,062,100
PY1PL....985,072
PY2HT....950,850
PU5FJR....943,460

Single Op 21 MHz Low Power

YV5KG....2,563,600
D3AA....2,341,340
TA4AU....2,032,758
CO6LC....1,884,882
UA9OMT....1,461,460
YT8T....1,459,800
UN9GD....779,009
JF3BFS....736,460
CT1EVE....515,361
TA7EB....451,350

Single Op 14 MHz Low Power

YW5T (YV5JBI)....2,700,753
PY1ZV....1,459,722
TGØAA (TG9ANF)....1,031,472
HI3TT....964,308
EF2F (EA2DNR)....795,844
FM4KA (FM5FJ)....769,515
UA1AQA....742,026
LR1H....695,072
XR1C (CE1KR)....525,096
HC1JQ....480,974

Single Op 7 MHz Low Power

YY4DNN....4,549,878
EA3GLB....1,132,428
JH9URT....1,036,146
DJ3HW....594,509
UT5IA....521,778
HI3K....496,661
UV3QF....404,602
YT1ET....328,650
TC3D (TA3D)....320,350
DL5RU....286,134

Single Op 3.7 MHz Low Power

II3M....587,028
UU2JM....528,900
YL2GUV....407,612
SQ2PHG....378,777
HA5MY....218,476
R3DPM....166,260
4K6FO....148,512
EA5EOR....135,999
R9WT....111,540
IB2Z (IK2DZN)....77,525

Single Op 1.8 MHz Low Power

9A2AJ....206,150
YU6DX....69,795
E75A....69,530
ER2RM....69,056
SM6FJY....60,897
OK1JOK....53,938
OK2BEN....25,920
UA6JQ....24,780
VE3EDY....20,820
LY2ND....20,384

Single Op All Band High Power Assisted

P4ØZ....19,190,829
UPØL....15,117,796
LX7I (DJ8OG)....11,394,656
IR4M (IK4MGP)....9,449,952
KP2MM (N2TTA)....8,681,780
S57AL....8,517,504
YP9W (YO9GZU)....8,346,180
WU3A/1 (W3UA)....8,254,554
GW9T (MWØZZK)....7,293,483
UW7LL....7,277,900

Single Op 28 MHz High Power Assisted

LW6DG....5,246,772
NH2DX (KG6DX)....2,175,815
VK6DXI....1,747,440
4XØA (4X1VF)....1,380,917
LZ2HM....531,066
LZ2DF....364,056
UT7QF....344,588
IQ2MM (IK2QPR)....285,950
DF9ZP....256,088
JA5FBZ....247,852

Single Op 21 MHz High Power Assisted

DQ8N (DL2ARD)....5,390,510
9K9K (9K2RR)....5,307,837
4Z5LA....4,630,920
OE8Q (OE8SKQ)....4,485,780
S53F....4,206,015
RUØFM....3,322,890
RT5Z (RA3CW)....3,079,401
YT7Z (YU7EE)....2,847,072
OQ4U....2,738,826
UN8GV....2,594,775

Single Op 14 MHz High Power Assisted

ED8W....7,438,136
II1A (IZ1LBG)....4,062,585
TM1T (F5TRO)....3,977,100
YTØZ (YU1ZZ)....3,768,615
YU1ARC (YT1HA)....3,689,988
NS1L/4 (W4SVO)....3,208,128
LZ4RR....2,921,344
DK2OY....2,915,643
US1I (UX2IO)....2,636,767
EA7LL....2,407,200

Single Op 7 MHz High Power Assisted

IR2R (IZ2EWR)....2,897,076
RY3D....2,575,466
S56X....2,425,200
PY6HD....2,176,550
OM8DD....1,882,412
OK1WCF....1,766,440
OK1UG....1,677,870
PT2CM (PT2FE)....1,670,380
5B4AIF (5B4AIE)....1,622,646
LN9Z (LA5KO)....1,492,920

Single Op 3.7 MHz High Power Assisted

DR1D (DL1NX)....2,596,932
9A5Y (9A7DX)....2,141,570
3Z8T....1,640,646
YQ5C (YO5OHO)....796,590
Z3ØA....725,912
UT2PX....683,520
VE3CX....575,126
EA7EU....438,984
9A6AIV....348,128
IT9XTP....347,447

Single Op 1.8 MHz High Power Assisted

S56P....422,752
EU3AR....393,056
DL2SAX....188,916
DF2UU....101,885
W3LL....63,020
OZ1ADL....37,800
F5DRD....11,178

Single Op All Band Low Power Assisted

EO3Q (UR3QCW)....4,588,653
RV9UP....3,498,097
IB1B (IW1QN)....3,277,290
HA6NL....2,417,688
RK9UE....2,353,978
DF2SD....2,009,250
KG1E....1,996,995
S5ØXX....1,987,626
CX5TR....1,823,428
KT4ZB....1,798,955

Single Op 28 MHz Low Power Assisted

LO5D (LU8EOT)....4,980,654
PY1NX....4,357,350
EE8T (EA8MT)....2,211,209
YBØMWM....2,081,384
PU2STZ....1,026,018
PU2SPW....774,974
LU1UM (LU5ULV)....627,072
PU1MKZ....535,366
PY1RBM....461,016
ZM3T (W3SE)....343,434

Single Op 21 MHz Low Power Assisted

HA4XH....1,691,840
IR9W (IWØHBY)....1,238,160
9A6A....699,566
N9TGR....606,390
RU4CS....587,898
LZ2JA....547,242
YB1JYL....449,904
F5VKT....352,897
BD5FFK....289,501
UW2L (UT5LO)....277,035

Single Op 14 MHz Low Power Assisted

YT5CT....1,221,528
UA6LUQ....873,120
UT3IZ....594,048
Z39A....534,726
KP2DX (KP2BH)....412,696
TA1CR....351,388
OL9R (OK6RA)....325,540
EY7BJ....295,728
VA2AFH....270,544
UT7Y (USØYW)....207,645

Single Op 7 MHz Low Power Assisted

S57DX....1,780,200
UZ7M (UT9MZ)....1,680,000
II4K (IZ4AMS)....1,270,935
MØC (G3WGN)....981,288
YT2AAA....683,212
2E1FVS....588,420
DF8AE....367,353
PD9X....310,464
UT3XA....292,878
RW9QA....204,660

Single Op 3.7 MHz Low Power Assisted

SV5DKL....803,520
E74WN....595,940
SP8LBK....446,176
S52WW....353,106
UX1VT....280,211
HA5NB....217,828
NY6DX/2....185,610
YV8AD....79,665
SQ2NNN....49,132
S53NW....36,703

Single Op 1.8 MHz Low Power Assisted

E77EZ....85,536
IKØXBX....76,032
SQ7FPD....35,340
HAØNAR....15,770

Single Op All Band QRP

YW2LV....3,205,800
PJ2DX (NØKE)....1,086,288
N2WN/4....706,859
R2MA....567,210
7Z1SJ....493,095
NDØC....459,672
RN4HAB....447,140
K3WW....393,900
EU1DZ....360,126
YO9FTN....352,440

Single Op 28 MHz QRP

I5KAP....39,449
LU6EVD....23,940
LU3HFA....14,337
LW2EE....10,855
JA4DQX....8,400

Single Op 21 MHz QRP

JH7RTQ....279,677
R7NA....230,480
YT1CS....145,152
RT4W....115,062
UN8PT....82,422
RT7F....52,725
F/E73CQ....44,064
EE7Z (EA7FUN)....43,736
R7FO....39,184
SP4GFG....37,076

Single Op 14 MHz QRP

HG3M (HA3MY)....281,250
EI4II....215,840
VE6EX....132,720
YR8V (YO8DHA)....129,402
NW2K....94,672
IZ1ANK....83,288
N5VEZ....72,314
SP3DRM....71,552
E72NA....70,896
SP4LVK....56,602

Single Op 7 MHz QRP

HG6C (HA6IAM)....89,466
N1TM....42,960
UX4CR....22,568
3Z6AEF....7,812
II7M....6,612

Single Op 3.7 MHz QRP

S57SU....220,922
SQ9ORQ....198,886
OK6K (OK5IM)....111,280
ON9CC....50,336
UT5UUV....26,418
LA9BM....20,370
UT5DJ....12,397

Single Op 1.8 MHz QRP

SP2DWG....4,656
R9AT....4,560
UT3N (UT3NK)....3,960
YP8A (YO8WW)....3,854

Single Op All Band QRP Assisted

NA1DX/3....52,052
RL3DZ....29,601
IT9EJP....18,792
N4TOL....17,976
N5TIT....12,640

Single Op 28 MHz QRP Assisted

IZ3NVR....16,188

Single Op 21 MHz QRP Assisted

HG52FC (HA5BSW)....173,420
ON6NL....168,402
BD7IXG....19,872
RAØSMS....16,632

Single Op 7 MHz QRP Assisted

I2/IZ3IBL....122,475
SP2QOT....60,579
YT7M (YU7RL)....42,978
HG1DX....24,000
IZ2KPE....15,478

Single Op 1.8 MHz QRP Assisted

S52OT....54,375
YTØA (YT7AW)....19,710
9A2UZ....15,106
HA8BE....6,710

Multi-Single

P33W....41,425,699
EB8AH....38,908,862
H27A....38,344,185
5D5A....32,399,955
WP2Z....23,494,800
CQ9T....22,283,028
KP2TM....21,519,234
K1LZ....20,458,646
EI7M....19,735,254
9A33P....18,507,672

Multi-Two

RF9C....36,911,589
TM6M....34,953,422
A71AM....32,794,520
II9P....24,620,580
9K2HN....24,421,124
ED9Z....24,115,446
PJ4D....21,924,036
OL7M....21,277,524
HG7T....21,141,274
LR3M....19,405,138

Multi-Multi

D4C....89,969,238
HK1NA....65,361,128
DR1A....38,940,150
ES9C....33,551,852

CE3CT 32,346,300
LZ9W 28,404,288
OT5A 26,092,115
PW7T 24,239,208
HA3ØS 23,776,684
EE1W 22,903,696

ROOKIE

Single Op All Band High Power

UA5B 8,993,208
AB1OC 1,883,448
HZ1XB 1,052,520
NR6M/7 1,021,554
NZ9Y/Ø 1,004,445
EA5HRV 886,488
ON7HLU 556,850
OD5ZZ 424,864
HS5NMF 381,696
JA2BNN 374,700

Single Op 21 MHz High Power

UN8GV 2,594,775
IQ4FA (IZ4UEZ) 1,199,250
ZL2GQ 328,790

Single Op 14 MHz High Power

DN2HAM 42,048
WØWDF/3 5,814

Single Op All Band Low Power

SQ6PLH 929,355
EI3HDB 622,856
OH6ECM 607,698
R9UA 540,176
VK5PAS 489,086
AG6AN 458,805
CS8ABA 450,140
WW1MM (N1EN) 421,610
YO5PRP 288,600
RU4IT 274,026

Single Op 28 MHz Low Power

ED8B (EA8CZT) 1,370,172
PU2STZ 1,026,018
PU5FJR 943,460
LU3YEP 258,656
DU1/A61DJ 90,675
PU5AGM 78,228
EA8CYM 76,066
PU5IKE 35,952
PU4JRV 29,754
VU2CCJ 24,570

Single Op 21 MHz Low Power

PY1KR 328,944
RDØWAD 222,880
RA1ABR 211,603
YC3ELS 188,478
IT9CLN 167,608
UR6LEY 149,952
JA5PXG 87,552
PY8WW 85,759
IZ5UGE 30,120
UB9SBH 28,381

Single Op 14 MHz Low Power

HZ1TT 309,969
2EØZAZ 77,381
WU8R 46,576
IZ2WMW 18,096
SQ3RLC 13,871
IZ7DMT 10,416

Single Op 7 MHz Low Power

YV5EPM 252,096
9A3BWW 141,264
VA3PAW 59,584
EW4RFC 17,052
KK4CIS/8 13,875

Tribander/Single Element

Single Op All Band High Power

VE3DZ 13,751,535
ZZ2T (PY2MNL) 11,917,560
KP2MM (N2TTA) 8,681,780
RT4RO 6,748,744
NXØX/4 5,858,256
SV9GPV 5,196,555
EA3RR 5,031,884
6Y3M (VE3NZ) 4,746,732
EW2A 4,108,256
NF4A 3,754,980

Single Op 28 MHz High Power

VK6DXI 1,747,440
4XØA (4X1VF) 1,380,917
TI2OY 492,338
OE5UAL 117,603
ED5J (EA5DM) 58,950
IZ5YHD 41,580

Single Op 21 MHz High Power

C4Z (5B4AIZ) 3,771,220
4A1TD (XE1H) 2,232,358
EE6E (EA6DD) 2,214,225
OA4SS 1,829,625
KZ5J 780,312
ED5T (EA5KV) 730,830
UA3RF 722,916
BU2AW 471,168
VO1TA 421,400
PY2CDR 369,467

Single Op 14 MHz High Power

EA1FDI 3,428,568
9Y4LDK 2,558,445
RX6AM 1,842,324
IZ8CCW 1,301,400
UC7A 851,136
W6AEA/7 658,424
G4R (YO4RDW) 657,720
DL3BQA 629,239
PY2KJ 420,223
SV9COL 393,960

Single Op 7 MHz High Power

DD1MAT 980,992
EA7RM 697,878
WH7W 620,972
VY2LI 441,344
WN2O (N2GC) 423,018
KX9DX 143,312
EI4GXB 94,860
KG9Z/8 85,000
S57YX 33,796
VA3XH 22,770

Single Op 3.7 MHz High Power

EB3CW 1,681,160
YT4A (YT1AA) 1,459,659
9A3B (9A1AA) 1,377,288
S58WW 952,380
YO3VU 668,388
EA1GA 589,407
EA7EU 438,984
4M5W (YV5MSG) 126,451

Single Op 1.8 MHz High Power

S56P 422,752
DL2SAX 188,916
W3LL 63,020

Single Op All Band Low Power

IB1B (IW1QN) 3,277,290
XR3Y (XQ7UP) 3,159,708
RT9S 3,124,355
KG2A/VP9 2,447,240
KU2M 2,383,264
TO7BC (DL7BC) 2,288,776
DF2SD 2,009,250
KG1E 1,996,995
HZ1DG 1,971,891
PV7M (PT7ZT) 1,842,236

Single Op 28 MHz Low Power

PY1PL 985,072
EE8L (EC8AFM) 673,560
5R8UI 510,875
ZM3T (W3SE) 343,434
KP4ROS 274,500
PY7AHA 197,472
CT8/KØRUI 138,866
YB6LAY 131,720
EF7T (EC7AKV) 115,440
EC7KW 106,774

Single Op 21 MHz Low Power

RU4SO 362,752
F5VKT 352,897
XE1XOE 331,452
IZ5CMI 196,075
ON6NL 168,402
KM4HI 155,805
PY5ZW 151,980
PY4XX 140,390
W7UPF 137,826
Z32ØR (Z35F) 125,240

Single Op 14 MHz Low Power

XR1C (CE1KR) 525,096
CS8/PD9DX 341,506
OL9R (OK6RA) 325,540
VE3IAE 291,650
EI4HQ 232,512
CT1EEK 218,994
DL9ZP 218,420
JR4GPA 201,450
IK1HZZ 195,690
USØMS 148,835

Single Op 7 MHz Low Power

MØC (G3WGN) 981,288
YT2AAA 683,212
UT5IA 521,778
F1FPL 264,260
IZ1DGG 253,164
OK2KLD (OK2ILD) 236,602
EV5ØWB (EU1AZ) 203,364
ER3AU 104,468
EA1EHW/8 93,603
OK2XKA 71,064

Single Op 3.7 MHz Low Power

YL2GUV 407,612
HA5NB 217,828
NY6DX/2 185,610
SQ2NNN 49,132
S53NW 36,703
AE7VA 11,440

Single Op 1.8 MHz Low Power

IKØXBX 76,032
OK2BEN 25,920
VE3EDY 20,820

in the USA and finished tenth worldwide. KQ2M/1 was second USA from Connecticut, and NR5M from Texas was third place USA. RT4F edged out OM2VL by a fraction of one percent for European bragging rights.

Single-Operator Single Band

PX5E (PP5JR) nosed out CX5W (CX6VM) for 10-meter honors. CR3A (CT3DL op) ran away from the pack on 15 meters. P41A (P43A) had the top 20-meters score. John, KK9A, didn't go to P4, but stayed home in NC and won the USA on 20 meters. YT8A (YU1EA) and S50A were the standouts on 40 meters, while 4L5O won 80 and LY7M put up the top score on top band.

Single-Operator Low Power

The most popular category is single-operator low power all band. This year, nearly 1,500 people chose this classification. Rob, NH6V, used KH6LC's fine station to win the world. Ed, N1UR, used his NV1N alias to chalk up second place worldwide from his Vermont home. Rob was able to garner 500 more 10-meter contacts than Ed, and that made the difference. XR3Y, RV9CBW, and RT9S were all within one percent of each other in positions three through five, while ON4EI piloted EI1A to sixth place overall and tops in Europe using green energy. In the USA, NV1N's score was nearly the total of the next three entrants: KU2M, NA8V, and KS9K. Hartwig, DL7BC, packed his suitcase for Mayotte and brought home the Contest Expedition trophy as TO7BC.

You can have a lot of high-powered fun running low power on a single band, especially if you choose the right band. ZY2WPX's score would have been fifth HP 10 meters. Not only that, but he also had the second highest LP score in any category, only 10% less than NH6V's top all band score. On 15 meters, YV5KG beat out D3AA. YW5T (YV5JBI) was the man on 20. YY4DNN's low-power 40-meter score would have been third overall high power. On 80, the top six scores came from Europe, headed by II3M. If you're going to operate 160 SSB LP, you had better be in Europe. 9A2AJ's score was the second highest unassisted 160-meter score overall.

Single-Operator Assisted

794 entries reported using QSO alerting assistance. Worldwide, P40Z had an impressive all band assisted score, just 700k less than P40L's unassisted score, while WU3A/1 was tops USA. A lot of action took place in the assisted single band categories as well. LW6DG took 10-meter honors. All other assisted single band champions were located in Europe: DQ8N (DL2ARD) edging past 9K9K (9K2RR) on 15; ED8W on 20; IR2R (IZ2EWR) on 40; DR1D (DL1NX) on 80; and S56P beating out EU3AR on 160.

EO3Q (UR3QCW) had the highest all band low power score in Europe, assisted or unassisted. Having a South American QTH is important if you wish to score big on 10; LO5D (LU8EOT) beat PY1NX. HA4XH was king of 15 meters LP assisted, while YT5CT (20), S57DX (40), SV5DKL (80), and E77EZ (160) were the remaining LP assisted winners.

Single-Operator QRP

254 hardy individuals used 5 watts or less. YW2LV (YV5YMA op) ran away with the QRP all band category in 2013. This is his third time topping this category. Ymanol also won in 2007 and 2010. Look out for him in 2016! NØKE at PJ2DX may have been far enough south, but Ymanol's mountain-top location made a big difference. N2WN stayed home in Tennessee to capture the USA QRP crown. Only 8 operators chose to enter the new QRP all band assisted category vs. 112 QRP all band unassisted. I guess the moral of the story is: If you're tough enough to do it with 5 watts, you're tough enough to do it alone.

2013 WPX SSB UNITED STATES TOP SCORES

Single Op All Band High Power
KJ3X/4 (K4XS) 13,560,534
KQ2M/1 10,853,583
NR5M 9,705,269
KC3R (LZ4AX) 8,469,972
KT5J (K5TR) 7,127,406
K3ZO 5,886,452
NXØX/4 5,858,256
K7ZSD 4,293,044
K4BAI 3,405,984
K5RT 3,264,768

Single Op 28 MHz High Power
KZ5MM (W5PR) 366,543
K2SSS 208,131
NC2V/4 174,051
W3EP/1 142,416
KA1ZD 50,540

Single Op 21 MHz High Power
KR4Z (N4OX) 935,450
KZ5J 780,312
W6AFA 722,533
AK5DX 478,750
W4PV 280,000
N2YBB 147,840
WA1JMP 135,010
K1QS 70,668

Single Op 14 MHz High Power
KK9A/4 6,526,884
N2MM 1,866,088
NN1N 873,828
K6HNZ 746,640
W6AEA/7 658,424
W7PU 174,096
KD8SQ 130,200

Single Op 7 MHz High Power
WN2O (N2GC) 423,018
WB2REM/4 404,481
KBØEO 352,980
AB9H 340,200
KX9DX 143,312
KG9Z/8 85,000

Single Op 3.7 MHz High Power
W3BGN 391,155
K9SH 189,140
WB5AAR (N5RZ) 116,727

Single Op 1.8 MHz High Power
W3UR 7,176

Single Op All Band Low Power
NV1N (N1UR) 4,835,721
KU2M 2,383,264
NA8V 1,841,770
KS9K (N4TZ) 1,463,400
WD5K 1,397,647
WB8TLI 1,227,435
WN6K 777,920
KK7AC 763,758
NN6CH 740,806
WA2JQK 702,336

Single Op 28 MHz Low Power
NA4W (K4WI) 169,814
KO3T 59,220
KE5FXE 50,172

Single Op 21 MHz Low Power
KJ4QHL 302,270
KM4HI 155,805
W7UPF 137,826
K7XE/6 97,801
K1ZO 86,996
N1WRK 76,152
KM6Z 76,140

Single Op 14 MHz Low Power
WB2TFM/4 200,143
N7FLT 70,864
K2HVE 67,064
KDØNEL 56,274
W5CSM 56,108
KG2AF 54,168

Single Op 7 MHz Low Power
W1DYJ 61,472
AB1J 31,185
WN4AFP 17,487
N2WF/4 16,170
KK4CIS/8 13,875

Single Op 3.7 MHz Low Power
AE7VA 11,440

Single Op 1.8 MHz Low Power
K4WI 2,205

Single Op All Band High Power Assisted
WU3A/1 (W3UA) 8,254,554
AA3B 5,747,691
W3FV 4,561,841
NF4A 3,754,980
W4ML (W4MYA) 3,669,602
W6TK 3,060,873
NØHR 2,313,759
NA3M 2,251,192
N2BJ/9 2,034,120
KW7XX 2,022,384

Single Op 28 MHz High Power Assisted
W2RR (WA2AOG) 69,564

Single Op 21 MHz High Power Assisted
N7RQ 795,893
NQ5K (W5ASP) 738,234
W5GN 626,535
NF8J 65,888

Single Op 14 MHz High Power Assisted
NS1L/4 (W4SVO) 3,208,128
KI7M 938,630
NJØF 388,745
WØYR/4 36,080

Single Op 7 MHz High Power Assisted
W5WMU 1,122,720
W2IRT 136,959

Single Op 3.7 MHz High Power Assisted
K4KZZ 101,536

Single Op 1.8 MHz High Power Assisted
W3LL 63,020

Single Op All Band Low Power Assisted
KG1E 1,996,995
KT4ZB 1,798,955
KZ1M (W1UJ@W1UJ) 1,685,764
W2RDS 1,330,368
W3FIZ 1,077,462
AD7JP (K2PO) 957,719
KK5I (W5CW@K5CM) 856,284
KS1J 852,390
NE5LL (N1CC) 721,140
KK6P (W7IV) 689,832

Single Op 21 MHz Low Power Assisted
N9TGR 606,390
N3ZA 182,517
WBØN 35,937

Single Op 14 MHz Low Power Assisted
N8HP 51,189
WU8R 46,576
KA9O 26,418

Single Op 3.7 MHz Low Power Assisted
NY6DX/2 185,610
NA5NN (K2FF) 24,750

Single Op All Band QRP
N2WN/4 706,859
NDØC 459,672
K3WW 393,900
KCØMO (KØOU) 291,148
NAØCW/6 (W8QZA) 199,898
NT4TS 139,400
KB1HNZ 133,056
AB3GB 45,952
K2MIJ 35,595
KT8K 27,328

Single Op 21 MHz QRP
KFØGX 11,775

Single Op 14 MHz QRP
NW2K 94,672
N5VEZ 72,314
KA8SMA 31,510

Single Op 7 MHz QRP
N1TM 42,960

Single Op All Band QRP Assisted
NA1DX/3 52,052
N4TOL 17,976

Multi-Single
K1LZ 20,458,646
KM3T/1 16,686,484
KD4D/3 9,654,004
WR3Z 9,050,454
NV9L 6,925,566
NX6T 3,242,059
WA7LT 2,991,500
KX7M/6 2,521,846
KK7PR 2,038,782
K3MD 1,999,872

Multi-Two
K9CT 13,552,283
WC6H 9,553,212
NØMA 3,374,560
W1BV 2,899,368
NF1R/6 2,278,740
KU6W 2,157,507
N4WW 1,220,310

Multi-Multi
WX3B 21,179,688
NQ4I 20,702,668
AK6W 16,013,067
NE1C 6,198,063

ROOKIE
Single Op All Band High Power
AB1OC 1,883,448
NR6M/7 1,021,554
NZ9Y/Ø 1,004,445
KK4DZP 175,904
KJ4YPY 116,028
KK4EIR 73,899

Single Op All Band Low Power
AG6AN 458,805
WW1MM (N1EN) 421,610
KK4HEG 219,876
AK4QU 150,738
NJ6G 112,988
K4AMQ 105,660
KK4AIO 76,797
KC9CDW 75,684
KB3VMR 71,292
KB3ZOZ 60,320

Single Op 14 MHz Low Power
WU8R 46,576

Single Op 7 MHz Low Power
KK4CIS/8 13,875
KD8RAP 10,620

Tribander/Single Element
Single Op All Band High Power
NXØX/4 5,858,256
NF4A 3,754,980
K4BAI 3,405,984
W6TK 3,060,873
NE5D (K5RX) 2,461,230
N6JV 2,019,039
N3UM 1,509,056
KØLUZ/4 1,399,560
WR5O 1,240,672
AJ4RW 1,016,060

Single Op 21 MHz High Power
KZ5J 780,312
N2YBB 147,840

Single Op 14 MHz High Power
W6AEA/7 658,424
KD8SQ 130,200
W8GOO 47,677

Single Op 7 MHz High Power
WN2O (N2GC) 423,018
KX9DX 143,312
KG9Z/8 85,000

Single Op 1.8 MHz High Power
W3LL 63,020

Single Op All Band Low Power
KU2M 2,383,264
KG1E 1,996,995
KT4ZB 1,798,955
WD5K 1,397,647
W2RDS 1,330,368
WB8TLI 1,227,435
KK7AC 763,758
N2WN/4 706,859
KK6P (W7IV) 689,832
K6GHA 522,975

Single Op 28 MHz Low Power
KO3T 59,220

Single Op 21 MHz Low Power
KM4HI 155,805
W7UPF 137,826
K1ZO 86,996
WA4AXT 36,960

Single Op 14 MHz Low Power
NW2K 94,672
N5VEZ 72,314
N7FLT 70,864
KA8SMA 31,510
KE1J 20,962

Single Op 7 MHz Low Power
W1DYJ 61,472
AB1J 31,185
WN4AFP 17,487

Single Op 3.7 MHz Low Power
NY6DX/2 185,610
AE7VA 11,440

Some noteworthy QRP single band scores were posted by JH7RTQ and R7NA on 15, HG3M (HA3MY) on 20, and HG6C (HA6IAM) on 40. S57SU and SQ9ORQ showed what perseverance can do with 5 watts SSB on 80 meters.

Overlay Categories

The Rookie overlay category was established to encourage recently licensed hams to try the contest experience. This year, 251 entries checked this overlay category. Just one fifth of the Rookies entered an assisted category, about the same number that used high power. UA5B put up 8.98 meg and AB1OC 1.883 meg; HZ1XB, NR6M/7, and NZ9Y/Ø were also "millionaires" in this category. AG6AN and WW1MM (N1EN) were fighting it out in the Rookie Low Power category. UN8GV had a fine 2.6 meg on 15M.

The Tribander/Single-Element overlay category recognizes that many stations face space constraints for antennas. 849 entrants selected this overlay. VE3DZ led the world in this category, with ZL3IO having the top low-power score. NXØX 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 EB8AH also bested the previous mark, with H27A a close third. Speaking of the M/S category, the guys at D4C had planned on a M/S effort with four operators, but the hours leading up to the contest were so good they couldn't resist the urge to go for the M/M record with just three stations and four operators. D4C totaled nearly 90-million points in the M/M category to demolish EB8AH's record set only last year. They also set a record for the most prefixes worked—1926. K1LZ and KM3T/1 were the big dogs in the USA M/S.

There was plenty of competition in the Multi-Operator Two-Transmitter category as well. RF9C beat TM6M for overall bragging rights, while A71AM took honors over 9K2HN in Zone 21, and

2013 WPX SSB EUROPE TOP SCORES

Single Op All Band High Power
RT4F (RK4FD) 10,608,444
OM2VL 10,567,228
CR6K (CT1CJJ) 9,737,532
UA5B 8,993,208
S53MM 8,276,310
EF5Y (EA5GTQ) 8,025,804
OG8X (OH6UM) 7,954,386
HA8JV 7,626,528
4O7ZZ (RZ1ZZ) 7,474,475
EU1A 6,544,836

Single Op 28 MHz High Power
CR2T (CU2AF) 335,274
YU5R (YU9DX) 220,997
M6T (GØAEV) 203,404

Single Op 21 MHz High Power
E77XZ (DK6XZ) 5,273,280
YU5A (YU1EW) 3,904,242
TM1W (F1HAR) 3,549,333

Single Op 14 MHz High Power
SJ2W (SM2WMV) 6,986,865
EA1FDI 3,428,568
OHØR (OH2PM) 3,109,194

Single Op 7 MHz High Power
YT8A (YU1EA) 8,645,858
SSØA 7,840,833
OH9W (OH2TA) 1,079,296

Single Op 3.7 MHz High Power
EB3CW 1,681,160
YT4A (YT1AA) 1,459,659
9A3B (9A1AA) 1,377,288

Single Op 1.8 MHz High Power
LY7M 501,208

Single Op All Band Low Power
EI1A (ON4EI) 2,984,805
ED7R (EA7IZJ) 1,678,320
RA7T 1,490,055
UR4U (UR4UDI) 1,489,530
EA2LMI 1,458,108
LY9A 1,423,233
OH4A (OG3MS) 1,291,956
UA3BL 1,263,574
UR5IRM 1,214,378
DD5M (DJØZY) 1,190,484

Single Op 28 MHz Low Power
CT8/KØRUI 138,866
EE7R (EA7IA) 132,800
SV2JAO 127,917

Single Op 21 MHz Low Power
YT8T 1,459,800
CT1EVE 515,361
RU4SO 362,752

Single Op 14 MHz Low Power
EF2F (EA2DNR) 795,844
UA1AQA 742,026
CS8/PD9DX 341,506

Single Op 7 MHz Low Power
EA3GLB 1,132,428
DJ3HW 594,509
UT5IA 521,778

Single Op 3.7 MHz Low Power
II3M 587,028
UU2JM 528,900
YL2GUV 407,612

Single Op 1.8 MHz Low Power
9A2AJ 206,150

Single Op All Band High Power Assisted
LX7I (DJ8OG) 11,394,656
IR4M (IK4MGP) 9,449,952
S57AL 8,517,504
YP9W (YO9GZU) 8,346,180
GW9T (MWØZZK) 7,293,483
UW7LL 7,277,900
TM7F (F6GLH) 7,075,776
RT4RO 6,748,744
UA4M (RU4HP) 6,611,374
RM2U (RU3UR) 5,653,199

Single Op 28 MHz High Power Assisted
LZ2HM 531,066
LZ2DF 364,056
UT7QF 344,588

Single Op 21 MHz High Power Assisted
DQ8N (DL2ARD) 5,390,510
OE8Q (OE8SKQ) 4,485,780
S53F 4,206,015

Single Op 14 MHz High Power Assisted
II1A (IZ1LBG) 4,062,585
TM1T (F5TRO) 3,977,100
YTØZ (YU1ZZ) 3,768,615

Single Op 7 MHz High Power Assisted
IR2R (IZ2EWR) 2,897,076
RY3D 2,575,466
S56X 2,425,200

Single Op 3.7 MHz High Power Assisted
DR1D (DL1NX) 2,596,932
9A5Y (9A7DX) 2,141,570
3Z8T 1,640,646

Single Op 1.8 MHz High Power Assisted
S56P 422,752
EU3AR 393,056
DL2SAX 188,916

Single Op All Band Low Power Assisted
EO3Q (UR3QCW) 4,588,653
IB1B (IW1QN) 3,277,290
HA6NL 2,417,688
DF2SD 2,009,250
S5ØXX 1,987,626
S56A 1,665,454
DK2CX 1,647,216
OMØA (OMØAAO) 1,519,365
ER3CT 1,317,267
UY2IG 1,295,021

Single Op 28 MHz Low Power Assisted
IU9A 186,960
TK4LS 135,218
CR5D (CT1FJO) 118,230

Single Op 21 MHz Low Power Assisted
HA4XH 1,691,840
IR9W (IWØHBY) 1,238,160
9A6A 699,566

Single Op 14 MHz Low Power Assisted
YT5CT 1,221,528
UA6LUQ 873,120
UT3IZ 594,048

Single Op 7 MHz Low Power Assisted
S57DX 1,780,200
UZ7M (UT9MZ) 1,680,000
II4K (IZ4AMS) 1,270,935

Single Op 3.7 MHz Low Power Assisted
SV5DKL 803,520
E74WN 595,940
SP8LBK 446,176

Single Op All Band QRP
R2MA 567,210
RN4HAB 447,140
EU1DZ 360,126
YO9FTN 352,440
ON4MW 313,747
S59D 266,409
UX8IX 216,234
SP2DNI 188,190
EU3NA 139,932
PE2K 132,545

Single Op 21 MHz QRP
R7NA 230,480
YT1CS 145,152
RT4W 115,062

Single Op 14 MHz QRP
HG3M (HA3MY) 281,250
EI4II 215,840
YR8V (YO8DHA) 129,402

Single Op 3.7 MHz QRP
S57SU 220,922
SQ9ORQ 198,886
OK6K (OK5IM) 111,280

Single Op 21 MHz QRP Assisted
HG52FC (HA5BSW) 173,420
ON6NL 168,402

Single Op 7 MHz QRP Assisted
I2/IZ3IBL 122,475

Multi-Single
EI7M 19,735,254
9A33P 18,507,672
RL3A 18,002,215
ED1R 15,708,820
IO5O 14,277,120
ED3X 13,645,055
9A7A 12,363,239
TMØR 11,488,932
RM5A 10,258,024
IR6T 7,813,116

Multi-Two
TM6M 34,953,422
II9P 24,620,580
OL7M 21,277,524
HG7T 21,141,274
S51A 11,972,457
OH5Z 11,328,423
PI4DX 10,470,130
PI4CG 10,042,584
DM4X 7,822,044
4U1ITU 6,748,560

Multi-Multi
DR1A 38,940,150
ES9C 33,551,852
LZ9W 28,404,288
OT5A 26,092,115
HA3ØS 23,776,684
EE1W 22,903,696
IT9ZGY 20,670,020
E7DX 16,509,467
LY7A 14,221,034
SH3Y 10,489,102

Rookie
Single Op All Band High Power
UA5B 8,993,208
EA5HRV 886,488
ON7HLU 556,850
IZØVXF 208,208

Single Op 21 MHz High Power
IQ4FA (IZ4UEZ) 1,199,250

Single Op All Band Low Power
SQ6PLH 929,355
EI3HDB 622,856
OH6ECM 607,698
CS8ABA 450,140
YO5PRP 288,600
RU4IT 274,026
ER1JA 208,572
DL2VV 198,383
DO6CC 182,984
LA9OSA 182,612

Single Op 21 MHz Low Power
RA1ABR 211,603
IT9CLN 167,608
UR6LEY 149,952

Single Op 7 MHz Low Power
9A3BWW 141,264

Tribander/Single Element
Single Op All Band High Power
RT4RO 6,748,744
SV9GPV 5,196,555
EA3RR 5,031,884
EW2A 4,108,256
DL6NDW 2,302,674
8SØC (SMØMPV) 2,131,688
IZ3SQW 2,036,280
DFØBV (DL1MAJ) 2,030,986
9A7R 2,010,084
EF2O (EA2AOO) 1,680,426

Single Op 28 MHz High Power
OE5UAL 117,603

Single Op 21 MHz High Power
EE6E (EA6DD) 2,214,225
ED5T (EA5KV) 730,830
UA3RF 722,916

Single Op 14 MHz High Power
EA1FDI 3,428,568
RX6AM 1,842,324
IZ8CCW 1,301,400

Single Op 7 MHz High Power
DD1MAT 980,992
EA7RM 697,878

Single Op 3.7 MHz High Power
EB3CW 1,681,160
YT4A (YT1AA) 1,459,659
9A3B (9A1AA) 1,377,288

Single Op 1.8 MHz High Power
S56P 422,752
DL2SAX 188,916

Single Op All Band Low Power
IB1B (IW1QN) 3,277,290
DF2SD 2,009,250
ED7R (EA7IZJ) 1,678,320
S56A 1,665,454
OMØA (OMØAAO) 1,519,365
UR4U (UR4UDI) 1,489,530
LY9A 1,423,233
ER3CT 1,317,267
UR5IRM 1,214,378
EW5W 1,132,490

Single Op 28 MHz Low Power
CT8/KØRUI 138,866
EF7T (EC7AKV) 115,440
EC7KW 106,774

Single Op 21 MHz Low Power
RU4SO 362,752
F5VKT 352,897
IZ5CMI 196,075

Single Op 14 MHz Low Power
CS8/PD9DX 341,506
OL9R (OK6RA) 325,540
EI4HQ 232,512

Single Op 7 MHz Low Power
MØC (G3WGN) 981,288
YT2AAA 683,212
UT5IA 521,778

Single Op 3.7 MHz Low Power
YL2GUV 407,612
HA5NB 217,828

PI4DX nosed out PI4CG in another neighborhood rivalry. K9CT won USA from his fine Illinois station.

Multi-Multi and D4C—what else is there to say? Well, it took nearly 23-million points to make the top ten, so there was a lot of other activity in this category. There are fewer M/M stations stateside for this contest because of the difficulty in keeping the 80 and 160 stations busy working DX this time of year. But WX3B nipped NQ4I by less than a half-million points.

Records

The high overall level of activity is reflected in several new records: CN2R (World SOAB HP), P33W (World M/S), D4C (World M/M), K1LZ (USA M/S), 4L5O (Asia 3.5), 8P5A (North America SOAB HP), RF9C (Asia M/2), HK1NA (South America M/2), Highest Prefix total: D4C (1926). Records for all of the various categories and countries can be found at <www.cqwpx.com/records.htm>.

Miscellaneous Statistics

Only 31 stations entered the M/M category, but they made 147,998 QSOs. That's an average of 470 QSOs per operator (315 total M/M ops). The 198 M/S stations were staffed by 879 operators, who averaged 320 QSOs per person. To put this into perspective, the median sized log for all categories of stations reported making 182 QSOs. The four operators at D4C made the most QSOs, 12,866.

Low-power entries were submitted by 2,954 single operator stations, while 1,724 used higher power and 254 went QRP. Overall, unassisted operation was favored by a solid two to one margin, 3,335 to 1,597. High-power stations narrowly favored

unassisted (930 vs.794) while low power operators overwhelmingly endorsed the "boy and his radio" style of operation (2,185 unassisted vs. 769 unassisted) and the QRP ops voting 220 to 34 for the unassisted style of operation. Even rookies were four times more likely to be operating without than with assistance.

Final Observations

The CQ contests have grown so popular that the number of pages required for properly reporting the activity has mushroomed. Therefore, the line scores traditionally found at the end of the magazine have been moved to CQ magazine's website, <www.cq-amateur-radio.com>, as well as the WPX Contest website, <www.cqwpx.com/results.htm>. In addition to the searchable databases on the WPX Contest website, complete PDF versions of the printed article, including line scores, are available through both websites. Assisted stations' line scores are now found immediately after the single-operator unassisted line scores for each call area or country. Logs received after the official deadline are shown in italics in the line scores and are not eligible for any awards. For the QRM and expanded tables plus the list of operators of the multi

CQ WW WPX SSB 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	CN2R('07)	1,613,955	399
3.5	CN2R('06)	11,849,076	894
7.0	CN2R('05)	14,724,696	931
14	CN2R('08)	15,778,840	1199
21	CN2R('11)	20,704,164	1443
28	PX5E('12)	17,785,368	1368
AB	CN2R('13)	30,683,396	1443
QRP/p	HC8A('94)	7,520,562	714
Assisted	P41P('12)	23,229,884	1303

Multi-Operator Single Transmitter

P33W('13)		41,425,699	1571

Multi-Operator Two Transmitter

EB8AH('11)		68,072,520	1765

Multi-Operator Multi-Transmitter

D4C ('13)		89,969,238	1926

U.S.A. RECORD HOLDERS

Single Operator

1.8	K1ZM('95)	327,712	308
3.5	K1UO('10)	2,161,782	602
7.0	WU3A/1('11)	4,731,424	796
14	KQ2M('09)	7,034,082	1082
21	KQ2M/1('11)	9,591,670	1210
28	NY4A('00)	6,006,573	877
AB	K1LZ('11)	15,921,388	1246
QRPp	KR2Q('00)	2,688,158	649
Assisted	KI1G('11)	13,075,616	1268

Multi-Operator Single Transmitter

WW2DX('12)		19,167,080	1373

Multi-Operator Two Transmitter

K1LZ('10)		30,393,480	1560

Multi-Operator Multi-Transmitter

KM3T('00)		29,338,460	1355

CLUB RECORD

Contest Club Finland ('00) 250,320,141

QRPp RECORD

HC8A('94) 7,520,562

WPX (Prefix) RECORD

D4C('13) 1926

CONTINENTAL RECORD HOLDERS

AFRICA

1.8	CN2R('07)	1,613,955	399
3.5	CN2R('06)	11,849,076	894
7.0	CN2R('05)	14,724,696	931
14	CN2R('08)	15,778,840	1199
21	CN2R('11)	20,704,164	1443
28	D44AC('02)	15,707,401	1123
AB	CN2R('13)	30,683,396	1443

ASIA

1.8	*YMØT('05)	486,846	222
3.5	H2T('10)	3,067,296	534
7.0	5B/KC2TIZ('10)	6,761,872	754
14	P33W('10)	8,004,130	1030
21	JA6GCE('11)	7,055,664	996
28	H22H('00)	9,092,146	931
AB	UPØL('12)	18,541,055	1235

EUROPE

1.8	SN3R('07)	835,884	434
3.5	EI7M('10)	3,527,075	731
7.0	EI7M('11)	10,787,690	1054
14	TM77M('10)	8,271,768	1046
21	CS2C('11)	9,479,430	1245
28	GM7V('00)	8,305,756	982
AB	E7DX('11)	20,438,120	1322

NORTH AMERICA

1.8	VA1A('99)	535,225	271
3.5	ZF1A('08)	2,269,344	462
7.0	TI4CF('05)	8,057,479	751
14	KP2A('95)	7,088,976	912
21	VP2EH('11)	14,899,185	1305
28	KP2A('00)	11,385,710	1046
AB	8P5A('13)	27,171,006	1429

OCEANIA

1.8	KH6ND('07)	26,432	59
3.5	WH7Z('03)	1,208,900	308
7.0	ZL3A('08)	8,200,800	816
14	KH6ND('03)	6,493,727	887
21	AH7DX('00)	7,645,990	890
28	TXØDX('00)	12,049,422	847
AB	KH7X('11)	20,676,524	1244

SOUTH AMERICA

1.8	HK1KYR('10)	44,814	77
3.5	P4ØA('96)	1,715,076	426
7.0	HK1T('12)	14,512,230	1062
14	HK1X('11)	13,783,532	12599
21	ZX5J('10)	16,746,977	1369
28	PX5E('12)	17,785,368	1368
AB	HC8A('01)	25,180,199	1199

MULTI-OPERATOR SINGLE TRANSMITTER

AF	5D5A('12)	38,510,454	1601
AS	P33W('13)	41,425,699	1571
EU	TM6M('11)	28,016,921	1541
NA	VP2EC('92)	24,409,580	1115
OC	KH7X('12)	19,038,120	1180
SA	HC8A('93)	32,502,677	1107

MULTI-OPERATOR TWO TRANSMITTER

AF	EB8AH('11)	68,072,520	1765
AS	RF9C('13)	36,911.589	1529
EU	EI100T('12)	33,721,072	1616
NA	K1LZ('10)	30,393,480	1560
OC	VK4KW('11)	26,528,482	1369
SA	PJ4Z('12)	57,741,867	1641

MULTI-OPERATOR MULTI-TRANSMITTER

AF	D4C('13)	89,969,238	1926
AS	P3A('00)	53,554,592	1456
EU	DR1A('11)	63,397,890	1909
NA	WL7E('00)	42,013,215	1395
OC	KH7R('02)	32,806,032	1304
SA	HK1NA('13)	65,361,128	1687

stations, also go to the CQ magazine website listed above.

There are a number of volunteers who make this contest possible. Randy, K5ZD, has been the director of this contest for the past five years, and has done everything possible to make the transition seamless to the participants and painless to me, the new director. The software support from K1EA and K5TR enabled the timely processing of your logs. N8BJQ, K3WW, K5ZD, and WI9WI provided the skilled personal analysis of the logs that computers alone cannot provide. Barry, W5GN, prints and mails your certificates, and Doug, K1DG, handles the plaques, both in a very timely manner. Paper logs were manually entered by K9QVB, K9ZM, KC9EOQ, K9WX, N9LF, KB9OWD, W7KAM, and N4TZ. K5ZD runs the outstanding CQ WPX website.

The 2014 CQ WPX SSB Contest will be held **March 29–30**. The log deadline is five days after the conclusion on the contest, **April 4 at 2359Z.** Updated rules will be published in the February 2014 issue of *CQ* and will be posted on the websites mentioned above. *—73, Terry, N4TZ*

SH3Y Youth Team

A Multi-Multi international youth team consisting of youngsters from Finland, Belgium, Holland, Estonia and Sweden got together at the SK3W contest station using the call SH3Y. Team members were as follows: SA0ACT Mattias, SAØCAV Alexander, SAØCAD Andreas, SAØBSJ Joakim, SA7BUU Jennifer, SA7BQP Per, OH2FKX Kati, OH2FPK Mari, ES7GM Kristjan, ES1TRE Kristjan, PA2LS Lisa, ON3LOL Maarten, SA3BRX Joel, and SA3BPG Markus.

Conditions were not so good. But the team did well and ended with a score of over 10.5 million points, setting a new national record in Sweden. The spirit in the team was very good and despite some failures of amplifiers and interfaces they did a fantastic job.

The support team was SM3SGP Gunnar (owner of the contest station SK3W), SA5BJM Johan (Team Leader and organizer of it all), SM5EPO Per-Olof, SMØDZB Tore, and SM5CBM Bertie who made sure there was food on the table, fixed broken amps and provided general ground support. But the youngsters did all the rest, handling the pile-ups and logging all of the stations working SH3Y.

—Bertie Hayden, SM5CBM

SH3Y operators. This photo appeared in Swedish Ham Magazine *as front page, according to SM5CBM. (SM5CBM photo)*