

# 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 call sign 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, PI800GTB, HF500PILA, HF700S, SF0530COH, LZ20TRC, LZ60RCP, 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 mis-



*K5KG and friend ready to operate as AB1HZ.*

copying his AB1HZ call as A61HZ that he logged A65BR as AB5BR!

## 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, K0DQ, found his normal home-away-from-home 'Battleship New Hampshire' in dry dock but commanded 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 Gimano, 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, W19WI**  
**USA:** Dennis Motschenbacher, K7BV Trophy. Won by: **KM3T/1 operated by Scott Redd, K0DQ**  
**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, N6X1 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: **YJ0PO 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: **Katsuhiko 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, 7Z1S1**  
**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 Sluymmer, 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: **NX0X/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, K6DBG Trophy. Won by: **Michael Adams, N1EN**

### MULTI-OPERATOR, SINGLE-TRANSMITTER

**WORLD:** Steve Miller, N0SM 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, R0KOK, 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, W0UCE, 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 Reiser, AD1C Trophy. Won by: **WW4E operated by W4LT, WC4E, WF3C, N4WW, N4KM, K1TO, K1CC, AD4Z, K0LUZ, 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: **YJ0PO, operated by Bill Cornwell, K2PO**

### COMBINED AWARDS

**WORLD Single Operator Combined Score: (SSB and CW)** Yuri Blaranovich, 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.*

### YJ0PO: 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.*



*Slawek, SP6ZC, wins a certificate as HF550 in the 20m low power category.*

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

<p><b>Single Op All Band High Power</b></p> <p>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            KM3T1/1 (KØDO) ..... 8,439,667            K1LZ ..... 8,395,912            KC3R (LZ4AX) ..... 8,341,085</p> <p><b>Single Op 28 MHz High Power</b></p> <p>ZX5J (IV3NVN) ..... 4,855,437            CW5W (CX6VM) ..... 4,021,136            A65BD (G4BWP) ..... 2,292,030            LV6E (AI6V) ..... 1,679,461            BABAG ..... 542,152            JA6WIF ..... 533,760            R0AA ..... 163,400            9M4DX ..... 144,627            NH2DX (KC6DX) ..... 125,355            ED3T (EA3AKY) ..... 120,832</p> <p><b>Single Op 21 MHz High Power</b></p> <p>HK1R ..... 8,337,384            PJ4R (N4RR) ..... 5,946,534            UN9GD ..... 3,887,727            C4J (5B4AIZ) ..... 3,778,800            J03JIS ..... 3,137,112            JR4OZR ..... 2,622,976            K3LR (N2NC) ..... 2,497,343            UU7J (UJØJM) ..... 2,374,060            S53A ..... 2,365,880            OA4SS ..... 2,208,789</p> <p><b>Single Op 14 MHz High Power</b></p> <p>4L8A ..... 6,220,292            PR5B (PY2LSM) ..... 5,298,170            CS2C (ØK1RF) ..... 4,334,660            YK5W (YU8A) ..... 3,810,390            VT6LW ..... 3,521,564            Y3TA (YU7AV) ..... 3,374,230            LT1D (LW9EOC) ..... 2,932,900            TM6X (F5VHY) ..... 2,724,799            ØH1TX (ØH2PM) ..... 2,666,196            YT1A ..... 2,494,800</p> <p><b>Single Op 7 MHz High Power</b></p> <p>PJ4A (K4BA) ..... 8,744,862            YT8A (YU1EA) ..... 5,653,896            TMØR (F6FVY@F6KNB) ..... 4,534,728            S50A ..... 3,531,461            S57Z ..... 2,614,768            9A6C ..... 2,506,680            M3W (G4FAL) ..... 2,460,648            SN8N (SP8HZ) ..... 2,060,163            9A2L (9A2VJ) ..... 1,964,700            UA9OPU ..... 1,522,298</p> <p><b>Single Op 3.5 MHz High Power</b></p> <p>E71A ..... 1,287,230            UTSUGR ..... 986,832            YT4A (YT1AA) ..... 899,584            LY2FN ..... 800,576            ED3Ø (EA3GXJ) ..... 732,732            F5VMN ..... 514,734            R3FX ..... 436,326            SØ4R (SP4JCP) ..... 312,687            W3BGN ..... 275,328            YU1RM ..... 236,871</p> <p><b>Single Op 1.8 MHz High Power</b></p> <p>9A2AJ ..... 260,736            ØH1RX ..... 103,679            OG9W (ØH2BCI) ..... 93,744            YØ5AJR ..... 85,462            YØ3FF ..... 29,700            EW8RR ..... 20,995            M7A (LY4Y) ..... 20,995            R3ØF ..... 18,655</p> <p><b>Single Op All Band Low Power</b></p> <p>HD8A (HC2AØ) ..... 10,740,028            VP9FOC (VE3DZ) ..... 10,299,040            EE8X (EA8AY) ..... 7,548,556            3VB8B (KF5EY) ..... 5,543,328            YJØPO (K2PO) ..... 4,834,818            CT9/ØM8AA ..... 4,769,856            W3EF ..... 3,822,280            MJ5Z (JK3GAD) ..... 3,508,252            4Z4DX ..... 3,259,740            LY6A ..... 2,843,450</p> <p><b>Single Op 28 MHz Low Power</b></p> <p>7Z1SJ ..... 1,194,788</p>	<p>LU6UØ ..... 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</p> <p><b>Single Op 21 MHz Low Power</b></p> <p>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            UR6JJ ..... 450,867</p> <p><b>Single Op 14 MHz Low Power</b></p> <p>CN8KD ..... 3,509,406            PY2NY ..... 1,146,718            YT7M (YU7RL) ..... 1,066,000            RWØAJ ..... 1,038,360            UN5C ..... 840,213            S54A ..... 834,548            UA9WØB ..... 781,100            HA6ØA ..... 746,824            RA1ØT ..... 736,488            HF55Ø (SP6ZC) ..... 674,440</p> <p><b>Single Op 7 MHz Low Power</b></p> <p>S51F ..... 2,189,484            MØC (G3WGN) ..... 1,724,076            CØ7EH ..... 1,195,278            SP6ØJE ..... 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</p> <p><b>Single Op 3.5 MHz Low Power</b></p> <p>ØM3ZWA ..... 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</p> <p><b>Single Op 1.8 MHz Low Power</b></p> <p>UX5NO ..... 75,336            SM7MX (SM5MX) ..... 69,552            ØK1JØK ..... 41,844            HA1TI ..... 34,932            ER2RM ..... 20,176            RM5Z ..... 15,652            RA2FB ..... 11,760</p> <p><b>Single Op All Band High Power Assisted</b></p> <p>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            SN7Ø (SP7GIO) ..... 7,650,445            YP9W (YØ9WF) ..... 7,528,864            IR2C (IK2PFL) ..... 7,438,956</p> <p><b>Single Op 28 MHz High Power Assisted</b></p> <p>PY1NX ..... 2,718,225            LZ2HM ..... 299,624            LZ2BR ..... 286,405            BD7LMD ..... 245,050            EØ1I (UT1IA) ..... 186,725            JA5FBZ ..... 177,660            ØK1FPS ..... 158,865            DM3W ..... 139,909            YØ3KIA (YØ3GLH) ..... 126,720            DH8BØA ..... 115,419</p> <p><b>Single Op 21 MHz High Power Assisted</b></p> <p>EA6URA (EA3AIR) ..... 2,742,773</p>	<p>ØK5R (ØK1RI) ..... 2,495,724            YT7Z (YU7EE) ..... 2,207,439            YR1A (YØ3JR) ..... 1,934,632            S5ØR ..... 1,899,432            JH3AIU ..... 1,812,279            HG5D (HA8ØZ) ..... 1,610,608            EI2CN ..... 1,603,296            KY4F (K4TD) ..... 1,513,332            SN5X (SP5GRM) ..... 1,482,850</p> <p><b>Single Op 14 MHz High Power Assisted</b></p> <p>RM5A (RU4W) ..... 2,922,740            HA3DX (HA3UU) ..... 2,806,111            ØL6P (ØK2PP) ..... 2,678,040            LY5W ..... 2,444,379            UN2E ..... 2,334,514            RX9WN ..... 2,047,395            ØM8DD ..... 1,908,872            JG3KIV ..... 1,849,126            SØ4M (SP4DEU) ..... 1,847,352            RC7A ..... 1,669,986</p> <p><b>Single Op 7 MHz High Power Assisted</b></p> <p>9A5Y (9A7DX) ..... 4,006,977            LP5D (LU5DF) ..... 3,845,475            YT4W (YU1DW) ..... 3,505,128            ØL4A (ØM6NM) ..... 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 (YØ5CBX) ..... 1,163,538</p> <p><b>Single Op 3.5 MHz High Power Assisted</b></p> <p>DR1D (DL1NX) ..... 1,335,168            9A3B (9A1AA) ..... 1,115,000            YØ5C (YØ5ØHØ) ..... 825,360            HA3LI ..... 771,969            EW8DJ ..... 659,277            S53V ..... 571,032            SP5ELA ..... 531,552            UT7E (UW5EGC) ..... 406,330            SP3GTS ..... 292,495            RA3M ..... 290,151</p> <p><b>Single Op 1.8 MHz Band High Power Assisted</b></p> <p>US5WE ..... 240,700            DF2UU ..... 205,088            RA6XV ..... 13,013            9A2UZ ..... 11,826</p> <p><b>Single Op All Band Low Power Assisted</b></p> <p>P4ØA (KØ9A) ..... 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</p> <p><b>Single Op 28 MHz Low Power Assisted</b></p> <p>LU3EHR ..... 1,555,488            PJ4G (NA2AA) ..... 1,211,392            LØ5D (LU8EØT) ..... 1,171,100            PY1MX ..... 657,020            PY3XX ..... 615,215            IØUZF ..... 133,278            GØUAYB ..... 101,100            HI3LFE ..... 58,826            PY2BK ..... 57,023            YT1BX ..... 32,508</p> <p><b>Single Op 21 MHz Low Power Assisted</b></p> <p>PR3A (PY3ØZ) ..... 3,047,424            PX4X (PY4XX) ..... 909,632            EA8AVK ..... 665,456            JA1BPA ..... 551,978            HB9EUJ ..... 463,250            RU5TT (UA3TW) ..... 400,232            PY4FO ..... 375,858            BD8SZ ..... 375,801            YØ3ND ..... 299,968            ZM3T (W3SE) ..... 283,464</p>	<p><b>Single Op 14 MHz Low Power Assisted</b></p> <p>CE3AA (XØ4CW) ..... 2,631,200            RM5D ..... 1,114,495            LZ5X ..... 1,006,074            UAØWW ..... 974,848            SP4JQC ..... 912,282            UA6LUØ ..... 851,322            RA1ABR ..... 653,132            EF5A (EA5FO) ..... 581,625            LZ1FH ..... 506,825            SV4FFL ..... 409,734</p> <p><b>Single Op 7 MHz Low Power Assisted</b></p> <p>YU2A ..... 2,137,878            YT2AAA ..... 2,033,752            DK8ZZ ..... 1,869,156            ØK1UG ..... 1,298,212            UA3MIF ..... 952,504            Z33F ..... 894,852            TA7I ..... 762,895            YØ4DW ..... 624,870            SP7LIE ..... 475,392            LY1M ..... 462,420</p> <p><b>Single Op 3.5 MHz Low Power Assisted</b></p> <p>E74WN ..... 607,338            8SØDX (SMØDSG) ..... 520,899            HGØR (HAØNAR) ..... 196,282            SN5J (SP5JXK) ..... 172,602            RA7Y ..... 167,894            DL7URH ..... 132,660            UR5IHO ..... 127,758            9A2GA ..... 27,830            EU2EU ..... 20,646            JØ1LFR ..... 19,829</p> <p><b>Single Op 1.8 MHz Low Power Assisted</b></p> <p>9A3R ..... 169,400            E77EZ ..... 96,192            IKØBX ..... 95,309            YØ2AØB ..... 36,864            UR5VR ..... 16,490</p> <p><b>Single Op All Band QRP</b></p> <p>PJ2T (W9WJ) ..... 3,484,383            N2NT (W2GD) ..... 1,645,175            S57DX ..... 1,499,332            UØ2CW ..... 1,475,131            RA3AN ..... 1,423,700            TM3T (F5VBT) ..... 1,281,840            UA7G ..... 1,091,948            DF5RF ..... 840,990            LY2CV ..... 688,444            N4CW ..... 648,462</p> <p><b>Single Op 28 MHz QRP</b></p> <p>LU7HZ ..... 420,200            CX5CBA ..... 140,811            BMØQRP (BV3FG) ..... 33,000</p> <p><b>Single Op 21 MHz QRP</b></p> <p>S54AA ..... 126,218            HG3IPA (HA3JB) ..... 104,976            ØN/DL1EFW (DL1EFW) ..... 82,248            BD8ADT ..... 15,528,667            AC5Ø ..... 66,364            SP4GFG ..... 59,500            JH7RTO ..... 57,531            JR1NKN ..... 48,544            IZ2JPN ..... 33,428            EI4II ..... 23,718</p> <p><b>Single Op 14 MHz QRP</b></p> <p>VE6EX ..... 294,588            YT5T ..... 278,166            HA8MT ..... 254,698            GØLHU ..... 150,965            UA1ATD ..... 89,856            DL4XU ..... 67,947            YU1ØØ ..... 47,684            ØH7FF ..... 26,688            SP6BXM ..... 24,960            JR6HMJ/1 ..... 24,045</p> <p><b>Single Op 7 MHz QRP</b></p> <p>YUØW ..... 861,630            DM2DX ..... 641,489            YØ4BEW ..... 456,453            ØK1FKD ..... 435,963            ØL4W ..... 352,179            UR3ØNV ..... 214,200            RC9YA (RW9Y) ..... 189,316            RT5R ..... 172,235</p>	<p>EU1AA ..... 146,448            IW3ILM ..... 117,160</p> <p><b>Single Op 3.5 MHz QRP</b></p> <p>SP4GL ..... 218,736            UT5DJ ..... 33,916</p> <p><b>Single Op 1.8 MHz QRP</b></p> <p>S53AR ..... 34,686</p> <p><b>Single Op All Band QRP Assisted</b></p> <p>ØK3C (ØK2ZC) ..... 1,700,728            ØK6RA ..... 1,437,830            ØU2M (DK3WE) ..... 980,316            HG6C (HA6IAM) ..... 725,350            HA6PJ ..... 619,080            E77TA ..... 496,512            UX1UX ..... 460,047            W4ØØ ..... 408,918            SMØTHU ..... 395,780            UR5FCM ..... 358,832</p> <p><b>Single Op 21 MHz QRP Assisted</b></p> <p>YU1LM ..... 218,736            JE2UFF ..... 183,306            HAØGK ..... 124,830            VE3XD ..... 59,796            F/E73CØ ..... 28,783</p> <p><b>Single Op 14 MHz QRP Assisted</b></p> <p>UR5LAM ..... 309,448            RL3DZ ..... 231,688            UAØW ..... 222,678            MMØLGS ..... 212,833            IZ2ØKG ..... 50,116            SP3IC ..... 35,030            VE3HG ..... 15,366</p> <p><b>Single Op 7 MHz QRP Assisted</b></p> <p>UX5UU ..... 577,126            KØ7Y ..... 15,768</p> <p><b>Single Op 3.5 MHz QRP Assisted</b></p> <p>YU1XX ..... 132,010            S55W (S5ØXX) ..... 84,780</p> <p><b>Single Op 1.8 MHz QRP Assisted</b></p> <p>ØL1A (ØK1CW) ..... 119,412</p> <p><b>Multi-Single</b></p> <p>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</p> <p><b>Multi-Two</b></p> <p>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</p> <p><b>Multi-Multi</b></p> <p>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</p> <p><b>ROOKIE</b></p> <p><b>Single Op All Band High Power</b></p> <p>UA5B ..... 4,881,570            AB1ØC ..... 397,474</p> <p><b>Single Op All Band Low Power</b></p> <p>N1EN ..... 1,419,984            RU27IT (RU4IT) ..... 865,065            HZ1ØS ..... 807,270            SØ8KFM ..... 677,040            DL2VW ..... 634,001</p>
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W4TTM.....231,814	<b>Single Op 28 MHz High Power</b>	<b>Single Op 7 MHz High Power</b>	UA9AGX.....2,887,746	UA9WOB.....781,100
DO6PS.....217,674	A65BD (G4BWP).....2,292,030	9A6C.....2,506,680	S56A.....2,570,409	DL9ZP.....661,779
HS4DDO.....145,544	R9MC.....113,665	S580.....584,730	KU2M.....2,510,118	SV4FFL.....409,734
F5VV.....140,530	4X0A (4X1VF).....36,400	IK2AO.....528,165	YL5X.....2,008,590	UR5LAM.....309,448
BH8BJO.....127,440	N06F (K2RD).....18,160	KZ5AA/4 (K4VU).....463,736		VE6BMX.....299,788
	PY1CAS.....14,740	K9CC.....208,250	<b>Single Op 28 MHz Low Power Assisted</b>	DL2SAX.....289,548
<b>Single Op 21 MHz Low Power</b>		EA4ZK.....179,557	H13LFE.....58,826	NJ3K.....278,931
HB9EUY.....463,250	<b>Single Op 21 MHz High Power</b>	AB3CV.....135,293	UN3Z.....28,812	DL5GAC.....273,036
PY1KR.....438,372	C4Z (5B4AIZ).....3,778,800	JM1NKT.....123,492	YO2IS.....27,963	
YD1CSV.....41,875	O4AS.....2,208,789	VE6LB.....46,332	UA9UX.....26,299	<b>Single Op 7 MHz Low Power Assisted</b>
HS3ANP.....32,250	WN1GIV/4 (N4BP).....2,046,148	W3SFG.....42,840	OK2OQ.....17,072	YU2A.....2,137,878
	EF1A (EA1XT).....534,650		NC6V.....15,276	YT2AAA.....2,033,752
<b>Single Op 14 MHz Low Power</b>	DL7BY.....349,304	<b>Single Op 3.5 MHz High Power</b>		DK8ZZ.....1,869,156
HS3LSE.....46,224	G4R (Y04RDW).....332,990	E71A.....1,287,230	M0C (G3WGN).....1,724,076	
	SV9DJO.....206,460	9A3B (9A1AA).....1,115,000	F8AEE.....396,792	
<b>Single Op 7 MHz Low Power</b>	IZ8BRI.....206,100	YT4A (YT1AA).....899,584	G1N (G3MZV).....313,424	
AB9YC.....71,214	OM8LA.....117,448	HA3LI.....771,969	DL6HCC.....262,552	
KK4CIS.....54,404	WK7S (K6LL).....78,960	EW8DJ.....659,277	NE2C.....200,256	
		S53V.....571,032	AA6XX.....199,044	
<b>Tribander/Single Element</b>		EA3AKA.....143,440	UA1ANA.....193,270	
<b>Single Op All Band High Power</b>	<b>Single Op 14 MHz High Power</b>	<b>Single Op 1.8 MHz High Power</b>		
KV4FZ (N2TTA).....6,829,767	UN2E.....2,334,514	9A2UZ.....11,826	<b>Single Op 21 MHz Low Power Assisted</b>	
SU9AF.....5,271,462	RX6AM.....2,187,458		PX4X (PY4XX).....909,632	
OL5Y.....5,049,522	RX9WN.....2,047,395	<b>Single Op All Band Low Power</b>	JA1BPA.....551,978	
RN9CM.....4,765,500	UA3RF.....1,697,400	VP9FOC (VE3DZ).....10,299,040	E77R.....476,064	
NX0X/4 (N4PN).....4,688,820	K9OM.....1,634,000	EE8X (EA8AY).....7,548,556	RU4SO.....299,832	
RT27WW (RT4RO).....4,615,923	Z39A.....1,267,473	RT9S.....5,325,567	ZM3T (W3SE).....283,464	
VK6DWH.....4,381,335	JAPCWJ.....887,046	S50C (S53CC).....4,626,000	RW0W.....108,741	
EU5T (EW2A).....4,320,470	RA9UN.....756,364	4Z5TK.....4,375,740	JJ4ESI.....100,200	
K3EL/2.....4,055,860	VE3CR.....734,944	OR2F.....3,051,108	ON/DL1EFW (DL1EFW).....82,248	
QO5M (ON5Z0).....3,642,376	GS4FOC (GM3YTS).....498,309		Z320R (Z35F).....71,392	
			VE3IAE.....71,360	
			<b>Single Op 14 MHz Low Power Assisted</b>	
			CE3AA (XO4CW).....2,631,200	
			S54A.....834,548	

## 2013 CQ WW WPX CW USA TOP SCORES

<b>Single Op All Band High Power</b>	<b>Single Op 21 MHz Low Power</b>	<b>Single Op 7 MHz High Power Assisted</b>	<b>Single Op 7 MHz QRP</b>	AB3CX/2.....2,784,032
KM3T/1 (K0DD).....8,439,667	WB4TDH.....521,170	NS1L/4.....2,032,368	N2JNZ.....65,075	WN20 (N2GC).....2,614,816
K1LZ.....8,395,912	K5ZCJ.....24,530	N06T (N6NC).....242,755	NN8UU.....43,554	WR9D (KB9UWU).....2,338,362
KC3R (LZ4AX).....8,341,085	K7ULS.....21,944	AB3CV.....135,293	W06N.....28,890	K3MD.....2,204,400
AK1W (K5ZD).....7,563,429	W8KNO.....13,182	WA2JQK.....69,160	N6MV.....25,662	K1AR.....1,943,235
AA3B.....7,072,897	NP4IW/KF6 (NP4IW).....12,727	W3SFG.....42,840	N1DZ.....13,328	N6JV.....1,607,418
W5WMMU/1 (N5DX).....6,632,190		W6I.....18,800		NW2K.....1,415,340
NQ4I (VE7Z0).....6,323,604	<b>Single Op 14 MHz Low Power</b>	<b>Single Op 3.5 MHz High Power Assisted</b>	<b>Single Op All Band QRP Assisted</b>	WX6V.....1,336,425
K08M.....5,920,108	W8IQ.....304,328	K0RF.....156,306	W4OO.....408,918	
AB1HZ (K5KG).....4,866,015	NJ3K.....278,931		N3WD.....148,656	<b>Single Op 28 MHz High Power</b>
WX0B/5 (AD5O).....4,794,559	K4QPL.....269,670	<b>Single Op All Band Low Power Assisted</b>	W4JDS.....39,875	N06F (K2RD).....18,160
	KX9DX.....174,900	KZ1M (W1UJ).....2,082,159	WA2NYY.....29,440	
<b>Single Op 28 MHz High Power</b>	AD0H.....47,232	KE1J.....1,677,744	N9IXD.....19,360	<b>Single Op 21 MHz High Power</b>
K9NW.....81,997	<b>Single Op 7 MHz Low Power</b>	W3KB.....1,607,616	W1CSM.....12,444	WN1GIV/4 (N4BP).....2,046,148
K1KI.....61,740	W2EG.....1,063,390	N1EN.....1,419,984		WK7S (K6LL).....78,960
K4RDU.....24,360	WA1FCN/4.....466,829	KS1J.....1,368,684	<b>Single Op 7 MHz QRP Assisted</b>	
<b>Single Op 21 MHz High Power</b>	K9UIY.....297,065	K7WP.....1,089,624	KU7Y.....15,768	<b>Single Op 14 MHz High Power</b>
K3LR (N2NC).....2,497,343	AA6XX.....199,044	AD1C/0.....1,026,564		K9OM.....1,634,000
WN1GIV/4 (N4BP).....2,046,148	K4JC.....133,952	WD4AHZ.....992,310	<b>Multi-Single</b>	K1TN/9.....418,938
K4FJ.....529,008	KG1V.....108,936	NX1P/7.....990,486	NY4A.....8,743,680	KN7T.....381,100
WI0WA (N0AC@N0NI).....185,640	WN4AFP.....85,140	N4NX.....966,852	NY6N.....6,558,484	NCTJ (W7CT).....155,999
N06S.....105,848	K4MX.....82,668		WF6C.....4,205,100	N8AGU.....27,451
K7XZ (K8BN).....89,505	AB9YC.....71,214	<b>Single Op 28 MHz Low Power Assisted</b>	K5RX.....4,104,837	KZ7X (K6LL).....26,070
	KK4CIS.....54,404	W6AWW.....19,440	KU7T.....3,640,074	N5PU.....13,962
<b>Single Op 14 MHz High Power</b>	<b>Single Op All Band High Power Assisted</b>	WB2AA.....18,000	K0RC.....2,724,040	WM9Q.....13,272
KJ3X/4.....2,404,831	NY3A.....7,353,014	<b>Single Op 21 MHz Low Power Assisted</b>	WB0GAZ.....2,544,480	
KG0F (W0UA).....2,386,400	WM3T (K3WI).....4,832,520	W9ILY.....155,116	NO7R.....2,323,656	<b>Single Op 7 MHz High Power</b>
K9OM.....1,634,000	N3RR.....4,624,760	NW2Q.....134,068	NW9X/4.....2,252,850	KZ5AA/4 (K4VU).....463,736
N6NV.....712,248	AD4TR (N4UJ).....4,074,470	KF0IQ.....12,397	AE7EG.....2,037,320	K9CC.....208,250
NOAT.....533,403	WK1Q (K1MK@K1TTT).....3,856,773	<b>Single Op 14 MHz Low Power Assisted</b>		AB3CV.....135,293
K1TN/9.....418,938	KW7Y (K7RL).....3,835,386	N1OD.....32,818	<b>Multi-Two</b>	W3SFG.....42,840
KN7T.....381,100	W3FV.....3,060,918	NW4V.....26,775	NR3X/4.....12,537,336	AB1U/6 (W6RKC).....10,488
<b>Single Op 7 MHz High Power</b>	W8MJ.....2,940,051	<b>Single Op 7 MHz Low Power Assisted</b>	KD4D/3.....11,478,543	<b>Single Op All Band Low Power</b>
N2MM.....1,438,208	AB3CX/2.....2,784,032	KZ3M (K3STX).....306,544	K9CT.....9,232,265	KU2M.....2,510,118
N8BJO.....738,108	NA3M.....2,692,708	NE2C.....200,256	KC7V.....7,571,340	KE1J.....1,677,744
KZ5AA/4 (K4VU).....463,736	<b>Single Op 28 MHz High Power Assisted</b>		ND2T/6.....5,942,851	AD1C/0.....1,026,564
WX9U.....295,920	N06F (K2RD).....18,160	<b>Single Op All Band QRP</b>	K4VV.....5,766,516	WDSK.....1,007,830
K9CC.....208,250	W2RR (WA2AOG).....16,614	N2NT (W2GD).....1,645,175	KU6W.....2,614,780	WD4AHZ.....992,310
K9UQN/4.....152,712	<b>Single Op 21 MHz High Power Assisted</b>	N4CW.....648,462	W06X.....2,199,040	K1TR.....939,948
<b>Single Op 3.5 MHz High Power</b>	KY4F (K4TD).....1,513,332	N7IR.....641,322	NA0CW.....1,790,043	KN4OD.....794,005
W3BGN.....275,328	KE7X.....432,666	K0MO (K0OU).....494,515	N0MA.....1,555,137	AB1J.....741,850
<b>Single Op All Band Low Power</b>	NQ05K (W5ASP).....373,368	KT8K.....493,982		W1EQ.....714,559
W3EF.....3,822,280	KO7W (N7BV).....246,957	W6QU (W8QZA).....404,595	<b>Multi-Multi</b>	KU8E/4.....673,767
N5AW.....2,643,900	NG6S (W4UAT).....121,124	N2WN/4.....267,696	WW4E.....18,325,664	<b>Single Op 28 MHz Low Power</b>
KU2M.....2,510,118	WK7S (K6LL).....78,960	K7HBN.....218,075	NR4M.....17,144,820	NC6V.....15,276
K3AJ.....1,768,184	NS0M.....39,564	W08RP (N8XX@KDBHNF).....184,728	NR6O.....7,733,989	
WJ9B/7.....1,735,428	<b>Single Op 14 MHz High Power Assisted</b>	KM6Z.....151,510		<b>Single Op 21 MHz Low Power</b>
KO1F (K1XM).....1,592,640	WSTL.....333,900		<b>ROOKIE</b>	W5NZ/4.....10,011
NABV.....1,314,627	NC7J (W7CT).....155,999	<b>Single Op All Band High Power</b>	<b>Single Op All Band Low Power</b>	<b>Single Op 14 MHz Low Power</b>
K5KU.....1,257,375	N2NS/6.....68,034	AB1OC.....397,474	N1EN.....1,419,984	NJ3K.....278,931
WDSK.....1,007,830	K6II.....55,539	<b>Single Op All Band Low Power</b>	W4TTM.....231,814	K4QPL.....269,670
K1TR.....939,948	N8AGU.....27,451	W4TTM.....231,814	KK4HEG.....62,080	KX9DX.....174,900
<b>Single Op 28 MHz Low Power</b>	KZ7X (K6LL).....26,070		<b>Single Op 7 MHz Low Power</b>	AD0H.....47,232
NA4W (K4WI).....58,557	WMPQ.....13,272	<b>Single Op 21 MHz QRP</b>	AB9YC.....71,214	<b>Single Op 7 MHz Low Power</b>
KS9K (N4TZ).....47,730		AC5O.....66,364	KK4CIS.....54,404	NE2C.....200,256
KN4Y.....30,870		W5NZ/4.....10,011		AA6XX.....199,044
NC6V.....15,276		<b>Single Op 14 MHz QRP</b>	<b>Tribander/Single Element</b>	K4JC.....133,952
AD5MN.....14,475		WA4JUK.....19,680	<b>Single Op All Band High Power</b>	WN4AFP.....85,140
			NX0X/4 (N4PN).....4,688,820	N2JNZ.....65,075
			K3EL/2.....4,055,860	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

<b>Single Op All Band High Power</b>		<b>Single Op 3.5 MHz Low Power</b>		YT1BX.....32,508		UR5FCM.....358,832		OO5M (ON5ZO).....3,642,376	
403A (E73A/9A3A).....6,832,680		OM3ZWA.....512,190		ED7C (EA7KJ).....30,381		LA/DK2AB (DK2AB).....165,249		UCTA.....3,471,900	
LZ6C (LZ3FN).....6,591,184		LY2T.....498,892						OM7RU.....3,169,692	
G5W (G3BJ).....5,566,972		LY4T.....432,333						LA8OM.....2,869,344	
GM9W (MØDXR).....5,219,640								LY2J.....2,713,672	
S520P.....5,008,608		<b>Single Op 1.8 MHz Low Power</b>		<b>Single Op 21 MHz Low Power Assisted</b>		<b>Single Op 21 MHz QRP Assisted</b>		OK7Y (OK1FDY).....2,498,656	
OG8X (OH6KZP).....4,895,561		UX5NQ.....75,336		HB9EUY.....463,250		YU1LM.....218,736		F5VKT.....2,361,147	
UA4W.....4,885,920		SM7MK (SM5MX).....69,552		RU5TT (UA3TW).....400,232		HAØGK.....124,830			
UA5B.....4,881,570		OK1JOK.....41,844		YO3ND.....299,968		F/E73CQ.....28,783			
OHØX (OH2TA).....4,636,010									
UW1M.....3,846,108									
		<b>Single Op All Band High Power Assisted</b>		<b>Single Op 14 MHz Low Power Assisted</b>		<b>Single Op 14 MHz QRP Assisted</b>		<b>Single Op 21 MHz High Power</b>	
<b>Single Op 28 MHz High Power</b>		LZ8E (LZ2BE).....9,044,828		RM5D.....1,114,495		UR5LAM.....309,448		EF1A (EA1XT).....534,650	
ED3T (EA3AKY).....120,832		S53MM.....8,579,520		LZ5X.....1,006,074		RL3DZ.....231,868		DL7BY.....349,304	
R7AW.....101,844		SN7Q (SP7GIO).....7,650,445		SP4JQC.....912,282		MMØLGS.....212,833		G4R (YØ4RDW).....332,990	
YR6ØA (YØ8AXP).....99,910		YP9W (YØ9WF).....7,528,864							
		IR2C (IK2PFL).....7,438,956							
<b>Single Op 21 MHz High Power</b>		S59ABC (S51DS).....6,909,504		<b>Single Op 7 MHz Low Power Assisted</b>		<b>Single Op 7 MHz QRP Assisted</b>		<b>Single Op 14 MHz High Power</b>	
UU7J (UUØJM).....2,374,060		9A28EU (9A5K).....6,633,437		YU2A.....2,137,878		UX5UU.....577,126		RX6AM.....2,187,458	
S53A.....2,365,880		OE3K (OE1EMS).....6,431,661		YT2AAA.....2,033,752		YU1XX.....132,010		UA3RF.....1,697,400	
E73W.....2,130,905		S57AL.....6,008,643		DK8ZZ.....1,869,156		S55W (S5ØXX).....84,780		Z39A.....1,267,473	
		HA8JV.....5,956,020							
<b>Single Op 14 MHz High Power</b>		<b>Single Op 28 MHz High Power Assisted</b>		<b>Single Op 3.5 MHz Low Power Assisted</b>		<b>Single Op 1.8 MHz QRP Assisted</b>		<b>Single Op 7 MHz High Power</b>	
CS2C (OK1RF).....4,334,660		LZ2HM.....299,624		E74WN.....607,338		OL1A (OK1CW).....119,412		9A6C.....2,506,680	
Y75W (YØ8A).....3,810,390		EØ11 (UT1IA).....186,725		8SØDX (SMØDSG).....520,899				S58Ø.....584,730	
YT3A (YU7AV).....3,374,230		OK1FPS.....158,865		HGØR (HAØNAR).....196,282				IK2AØØ.....528,165	
<b>Single Op 7 MHz High Power</b>		<b>Single Op 21 MHz High Power Assisted</b>		<b>Single Op 1.8 MHz Low Power Assisted</b>		<b>Multi-Single</b>		<b>Single Op 3.5 MHz High Power</b>	
YT8A (YU1EA).....5,653,896		EA6URA (EA3AIR).....2,742,773		9A3R.....169,400		CR2X.....16,075,794		E71A.....2,187,230	
TMØR (F6FVY@F6KNB).....4,534,728		OK5R (OK1RI).....2,495,724		E77EZ.....96,192		U22M.....13,770,464		9A3B (9A1AA).....1,115,000	
S5ØA.....3,531,461		YT7Z (YU7EE).....2,207,439		IKØXBX.....95,309		9A7A.....12,145,652		YT4A (YT1AA).....899,584	
						9A33P.....12,025,222		EA3AKA.....143,440	
<b>Single Op 3.5 MHz High Power</b>		<b>Single Op 14 MHz High Power Assisted</b>		<b>Single Op All Band QRP</b>		<b>Multi-Two</b>		<b>Single Op 1.8 MHz High Power</b>	
E71A.....1,287,230		RM5A (RU4W).....2,922,740		S57DX.....1,499,332		TM6M.....22,126,482		9A2UZ.....11,826	
UT5UGR.....986,832		HA3DX (HA3UU).....2,806,111		UU2CW.....1,475,131		ED1R.....15,528,667		<b>Single Op All Band Low Power</b>	
YT4A (YU1AA).....899,584		OL6P (OK2PP).....2,678,040		RA3AN.....1,423,700		HG7T.....15,092,255		S5ØC (S53CC).....4,626,000	
				TM3T (F5VBT).....1,281,840		Y75A.....14,923,326		OR2F.....3,051,108	
<b>Single Op 1.8 MHz High Power</b>				UA7G.....1,091,948		YU5R.....14,283,771		S56A.....2,570,409	
9A2AJ.....260,736				DF5RF.....840,990		DM6V.....13,876,250		YL5X.....2,008,590	
OH1RX.....103,679				YL2CV.....688,444		DØ4W.....13,596,128		DF1LX.....1,992,320	
OG9W (OH2BCI).....93,744				RZ3ØS.....597,240		LZ5R.....13,093,665		F/W1NN.....1,958,089	
				UX8IX.....558,378		DP9A.....10,737,472		OK7T (OK1FHI).....1,761,540	
<b>Single Op All Band Low Power</b>		<b>Single Op 7 MHz High Power Assisted</b>		UA1CUR.....471,630		S52ZW.....9,564,750		R4WDX.....1,661,184	
MJ5Z (JK3GAD).....3,508,252		9A5Y (9A7DX).....4,006,977		<b>Single Op 21 MHz QRP</b>		<b>Multi-Multi</b>		EW5W (EW1IP).....1,566,984	
LY6A.....2,843,450		YT4W (YU1DW).....3,505,128		S54AA.....126,218		9A1A.....27,552,348		OK6RA.....1,437,830	
EA3KU.....2,007,870		OL4A (OM6NM).....3,461,028		HG3IPA (HA3JB).....104,976		DR1A.....24,903,750		RA7Y.....167,894	
F/W1NN.....1,958,089				ON/DL1EFW (DL1EFW).....82,248		LZ9W.....24,589,530		DL7URH.....132,660	
LY5I.....1,857,306						ES9C.....23,897,450			
R3ØA.....1,719,631		<b>Single Op 3.5 MHz High Power Assisted</b>		<b>Single Op 14 MHz QRP</b>		IB9T.....22,612,632			
OK2MBP.....1,634,616		DR1D (DL1NX).....1,335,168		YT5T.....278,166		HA3ØS.....15,542,478			
SP1AEN.....1,530,912		9A3B (9A1AA).....1,115,000		HA8MT.....254,698		LY7A.....11,657,754			
RU6CS.....1,485,324		YØ5C (YØ5ØHØ).....825,360		G3LHJ.....150,965		OH2K.....3,591,919			
HB9ARF.....1,416,204						LA1LUA.....381,638			
<b>Single Op 28 MHz Low Power</b>		<b>Single Op 1.8 MHz High Power Assisted</b>		<b>Single Op 7 MHz QRP</b>		<b>ROOKIE</b>		<b>Single Op 21 MHz Low Power</b>	
9A3VM.....94,146		US5WE.....240,700		YUØW.....861,630		Single Op All Band High Power		E77R.....476,064	
UT3LW.....57,305		DF2UU.....205,088		DM2DX.....641,489		SP4GL.....218,736		RU4SØ.....299,832	
E71W.....31,552				YØ4BEW.....456,453		UT5DJ.....33,916		ON/DL1EFW (DL1EFW).....82,248	
<b>Single Op 21 MHz Low Power</b>		<b>Single Op All Band Low Power Assisted</b>		<b>Single Op 3.5 MHz QRP</b>		<b>Single Op All Band Low Power</b>		<b>Single Op 14 MHz Low Power</b>	
S57KW.....560,622		S5ØC (S53CC).....4,626,000		S53AR.....34,686		RU27IT (RU4IT).....865,065		S54A.....834,548	
E77R.....476,064		EA5AER.....3,252,040				SØ8KFM.....677,040		DL9ZP.....661,779	
UR6LJ.....450,867		LY3B.....3,187,188				DL2VW.....634,001		SV4FFL.....409,734	
		LZ9R (LZ3YY).....3,129,987							
<b>Single Op 14 MHz Low Power</b>		OR2F.....3,051,108							
YT7M (YU7RL).....1,066,000		EØ7U (UY2UA).....2,903,568							
S54A.....834,548		HA6NL.....2,826,198							
HA6ØA.....746,824		R7MM.....2,738,512							
		S56A.....2,570,409							
		RA1AL.....2,221,983							
<b>Single Op 7 MHz Low Power</b>		<b>Single Op 28 MHz Low Power Assisted</b>		<b>Single Op All Band QRP Assisted</b>		<b>Single Op 21 MHz Low Power</b>		<b>Tribander/Single Element</b>	
S51F.....2,189,484		IØUZF.....133,278		OK3C (OK2ZC).....1,700,728		HB9EUY.....463,250		<b>Single Op All Band High Power</b>	
MØC (G3WGN).....1,724,076				OK6RA.....1,437,830				OL5Y.....5,049,522	
SP6ØJE.....1,134,958				OU2M (DK3WE).....980,316				RT27WW (RT4RØ).....4,615,923	
				HG6C (HA6IAM).....725,350				EU5T (EW2A).....4,320,470	
				HA6PJ.....619,080					
				E77TA.....496,512					
				UX1LUX.....460,047					
				SMØTHU.....395,780					

## 2013 CQ WW WPX SSB & CW COMBINED CLUB SCORES

### UNITED STATES

Club	Entries	Score	Club	Entries	Score
POTOMAC VALLEY RADIO CLUB	125	179,217,849	YB LAND DX CLUB	21	12,095,457
NORTHERN CALIFORNIA CONTEST CLUB	103	153,879,440	CENTRAL SIBERIA DX CLUB	5	11,190,532
YANKEE CLIPPER CONTEST CLUB	82	120,450,522	DONBASS CONTEST CLUB	23	11,139,003
FRANKFORD RADIO CLUB	62	67,052,672	LA CONTEST CLUB	9	10,283,928
FLORIDA CONTEST GROUP	60	66,210,410	ARKTIKA	11	10,039,759
SOCIETY OF MIDWEST CONTESTERS	80	61,624,899	ALRS ST PETERSBURG	15	9,684,832
SOUTH EAST CONTEST CLUB	26	51,609,589	VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	16	9,422,621
SOUTHERN CALIFORNIA CONTEST CLUB	43	32,560,624	SHAKHAN CONTEST CLUB	5	8,231,452
ARIZONA OUTLAWS CONTEST CLUB	55	30,042,532	YO DX CLUB	18	8,071,258
NORTH COAST CONTESTERS	12	27,892,667	URE	12	7,636,682
MAD RIVER RADIO CLUB	21	27,792,068	DANISH DX GROUP	17	7,634,435
DFW CONTEST GROUP	24	22,122,642	CSTA BUCURESTI	5	7,559,127
WESTERN WASHINGTON DX CLUB	29	18,043,427	YU CONTEST CLUB	4	7,554,987
NORTH TEXAS CONTEST CLUB	12	17,616,974	THRACIAN ROSE CLUB	21	7,521,845
CENTRAL TEXAS DX AND CONTEST CLUB	12	17,268,689	GUARA DX GROUP	20	7,156,418
WILLAMETTE VALLEY DX CLUB	31	15,302,952	MEDITERRANEO DX CLUB	20	6,554,009
MINNESOTA WIRELESS ASSN	48	12,482,375	IVANOVO DX CLUB	3	6,293,544
GEORGIA CONTEST GROUP	11	12,068,489	RADIO AMATEUR ASSOCIATION OF WESTERN GREECE	4	5,060,650
ALABAMA CONTEST GROUP	28	11,929,669	RADIO CLUB PARMA	5	5,011,871
TENNESSEE CONTEST GROUP	31	11,177,801	VRHNIKA CONTESTERS	10	5,010,409
GRAND MESA CONTESTERS OF COLORADO	14	6,592,372	CDR GROUP	8	4,549,452
SPOKANE DX ASSOCIATION	13	5,979,261	GIPANIS CONTEST GROUP	11	4,495,332
HUDSON VALLEY CONTESTERS AND DXERS	12	5,818,118	LITHUANIAN CONTEST GROUP	9	4,417,521
CAROLINA DX ASSOCIATION	11	5,812,771	CONTEST CLUB CALIFORNIA PENINSULA	8	4,254,324
SAN DIEGO CONTEST CLUB	5	5,562,799	CHILEAN PACIFIC DX GROUP	13	4,177,559
CTRI CONTEST GROUP	9	5,455,344	R4F-DX-G	6	4,145,073
SOUTHWEST OHIO DX ASSOCIATION	5	3,563,698	SIAM DX GROUP	4	4,005,042
ORDER OF BOILED OWLS OF NEW YORK	9	3,417,904	599 CONTEST CLUB	6	3,743,023
NORTHERN ROCKIES DX ASSOCIATION	5	2,369,541	RU-QRP CLUB	17	3,307,200
LOUISIANA CONTEST CLUB	7	2,270,075	RIIHIMAEEN KOLMOSET	4	3,143,092
KANSAS CITY CONTEST CLUB	10	1,732,893	RADIO CLUB URUGUAYO	5	3,114,799
MISSISSIPPI VALLEY DX/CONTEST CLUB	7	1,706,994	OMSK RADIO CLUB	8	3,105,248
BRISTOL (TN/VA) ARC	11	1,600,866	DOMODEDOVO	5	3,051,138
UTAH DX ASSOCIATION	6	1,306,715	CSTA SUCEAVA	4	3,023,849
BERGEN ARA	4	1,306,548	ARCK	13	2,946,532
599 DX ASSOCIATION	4	1,177,564	BASHKORTOSTAN DX CLUB	7	2,904,859
DELARA CONTEST TEAM	7	1,172,560	VERENING VAN RADIO ZEND AMATEURS	3	2,904,320
ALLEGHENY VALLEY RADIO ASSOCIATION	3	719,926	CS PETROLUL PLOIESTI	6	2,395,848
MERIDEN ARC	4	635,440	CZECH CONTEST CLUB	3	2,384,220
REDWOOD EMPIRE DX ASSOCIATION	3	629,258	SP CONTEST CLUB	5	2,263,051
STERLING PARK AMATEUR RADIO CLUB	6	557,311	SAMARA RADIO CLUB	11	1,960,459
WESTERN NEW YORK DX ASSOCIATION	6	538,873	SARATOVSKAYA OBLAST RADIO CLUB	4	1,913,056
ROCHESTER (NY) DX ASSN	8	461,878	CSM BAIA MARE	3	1,852,813
QSY SOCIETY	3	439,632	STAVROPOL REGION CONTEST CLUB	4	1,840,940
WEST PARK RADIOPS	7	379,049	VLADIMIR CONTEST GROUP	11	1,778,423
TEXAS DX SOCIETY	3	370,344	VERON *	7	1,624,652
SAN DIEGO DX CLUB	3	368,332	KILMARNOCK AND LOUDOUN ARC	4	1,581,151
METRO DX CLUB	9	354,922	KKKK CONTEST CLUB KRASNODARSKOGO KRAYA	3	1,565,543
MADISON DX CLUB	4	331,767	ARGO	3	1,525,534
GREAT SOUTH BAY AMATEUR RADIO CLUB	3	247,561	URVO GRANOLLERS	4	1,470,359
KANSAS CITY DX CLUB	5	220,924	SASKATCHEWAN CONTEST CLUB	3	1,452,549
SOUTH TEXAS DX AND CONTEST CLUB	4	161,982	RCWC	5	1,403,535
LOW COUNTRY CONTEST CLUB	3	143,676	UNIVERSITY OF TOKYO CONTEST CLUB	5	1,388,439
NORTH CAROLINA DX AND CONTEST CLUB	3	63,912	FALKOPINGS RADIOCLUB	7	1,365,624
ALBUQUERQUE DX ASSN	3	60,626	ORENBURG CONTEST CLUB	3	1,350,104
MILFORD OHIO AMATEUR RADIO CLUB	4	49,662	VU CONTEST GROUP	6	1,317,423
WILLIAMSBURG AREA AMATEUR RADIO CLUB	3	30,829	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 ASSOCIATION TULCEA	4	172,086
			LYNX DX GROUP	3	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
			UAZ 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.*

John, KK9A, used his P40A 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 cate-



*The M/2 team at PS2T.*

gory 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 YU0W 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



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.cqwp.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

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. NX0X (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



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 W19WI 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.cqwp.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			U.S.A. RECORD HOLDERS		
Single Operator			Single Operator		
1.8	IH9/OL5Y('98)	341,068 182	1.8	WV8JR('07)	56,760 132
3.5	TM5Y('08)	1,983,366 567	3.5	W3BGN('08)	641,092 332
7.0	3V8CB('10)	10,758,020 805	7.0	KG1D('04)	3,681,828 657
14	UP2L('09)	7,928,886 1043	14	N2NC('06)	5,418,630 915
21	HK1R('13)	8,337,384 1044	21	NU5A('99)	4,411,299 789
28	ZX5J('02)	6,787,440 857	28	WW4M('01)	2,547,046 674
AB	EF8M('12)	19,538,250 1195	AB	KC3R('12)	11,264,620 1060
LP	P49Y('11)	11,008,296 936	LP	W3EF('12)	5,704,362 933
QRP	P4ØW('97)	4,018,208 632	QRP	N2WN/4('12)	1,686,608 592
Assisted	6Y3W('12)	12,916,100 1060	Assisted	NY3A('12)	9,923,563 1079
<b>Multi-Operator Single Transmitter</b>			<b>Multi-Operator Single Transmitter</b>		
P33W('13)		29,190,427 1357	KM3T/1('12)		15,311,340 1254
<b>Multi-Operator Two Transmitter</b>			<b>Multi-Operator Two Transmitter</b>		
PW7T('12)		34,156,451 1457	NN3L('12)		21,964,974 1362
<b>Multi-Operator Multi-Transmitter</b>			<b>Multi-Operator Multi-Transmitter</b>		
HC8N('99)		54,697,072 1264	NR4M('12)		26,785,984 1426
<b>WPX (Prefix) RECORD</b>			<b>CLUB RECORD</b>		
9A1A('12)		1603	Bavarian Contest Club ('12)		441,610,686
<b>CONTINENTAL RECORD HOLDERS</b>					
<b>AFRICA</b>			<b>SOUTH AMERICA</b>		
1.8	IH9/OL5Y('98)	341,068 182	1.8	HK1MW('11)	18,300 50
3.5	7X0RY('08)	1,701,260 407	3.5	YX3A('89)	1,004,060 305
7.0	3V8CB('10)	10,758,020 805	7.0	PJ4A('13)	8,744,862 826
14	6W1SJ('09)	6,755,364 924	14	HK1X('11)	7,254,266 1006
21	5X1Z('01)	6,362,352 782	21	HK1R('13)	8,337,384 1044
28	ZS4TX('01)	4,602,028 722	28	ZX5J('02)	6,787,440 857
AB	EF8M('12)	19,538,250 1195	AB	PJ4A('11)	16,272,730 1018
<b>ASIA</b>			<b>MULTI-OPERATOR SINGLE TRANSMITTER</b>		
1.8	4X4NJ('96)	259,420 170	AF	CQ3A('11)	26,093,210 1285
3.5	TAØ/Z33F('02)	1,452,552 348	AS	P33W('13)	29,190,427 1357
7.0	ZC4LI('10)	4,770,336 632	EU	ES9C('12)	17,760,738 1438
14	UP2L('09)	7,928,886 1043	NA	8P4A('02)	18,516,960 1056
21	A45XR('99)	6,557,697 843	OC	AH2R('01)	11,541,420 957
28	HZ1AB('02)	3,669,994 659	SA	P49V('01)	19,760,744 1034
AB	4L0A('09)	12,560,363 967	<b>MULTI-OPERATOR TWO TRANSMITTER</b>		
<b>EUROPE</b>			AF	EF8M('07)	33,324,192 1256
1.8	SN7Q('08)	339,542 307	AS	UP2L('13)	26,207,251 1273
3.5	TM5Y('08)	1,983,366 567	EU	TM6M('13)	22,126,482 1407
7.0	CT1JLZ('09)	6,075,936 816	NA	NN3L('12)	21,964,974 1362
14	4O3T('06)	5,313,554 986	OC	KH6LC('12)	17,095,460 1198
21	CR1X('12)	7,293,280 1154	SA	PW7T('12)	34,156,451 1457
28	9HØA('01)	3,965,315 841	<b>MULTI-OPERATOR MULTI-TRANSMITTER</b>		
AB	CR2X('11)	10,498,800 1040	AF	CQ3L('10)	28,736,154 1173
<b>NORTH AMERICA</b>			AS	A61AJ('02)	42,766,232 1244
1.8	VA1A('99)	103,680 120	EU	DR1A('12)	34,790,058 1598
3.5	FM5BH('97)	833,490 315	NA	6Y2A('02)	38,821,328 1274
7.0	V26BA('97)	6,227,550 659	OC	ZL6QH('04)	16,143,840 1010
14	N2NC('06)	5,418,630 915	SA	HC8N('99)	54,697,072 1264
21	ZF1A('99)	5,330,129 799	<b>QRP</b>		
28	FM5GU('01)	2,849,769 621	AF	5Y4FO('92)	649,057 311
AB	VY2TT('12)	14,249,235 1155	AS	ZC4BS('02)	2,515,388 521
<b>OCEANIA</b>			EU	LY5A('01)	2,331,414 646
1.8	KH6ND('07)	22,100 50	NA	TI5X('01)	2,568,470 615
3.5	KH6ND('09)	596,673 231	OC	FO8JP('86)	572,131 259
7.0	ZM3A('09)	6,437,695 737	SA	P4ØW('97)	4,018,208 632
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			