

2010 IARU HF World Championship Results

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Thousands keep finding HF fun in July.

The write-up from last year's results started with the following statement: "In spite of being in the deepest solar minimum of our lifetimes, contesters came out in record numbers to participate in this increasingly popular summer event." Well, the sunspots weren't that much better in 2010 than 2009 (more on that later), but the number of logs received again set a new record. 3714 logs were received, which is up almost 10% from last year's 3404 submittals.

What Is Making IARU HF Increasingly Popular?

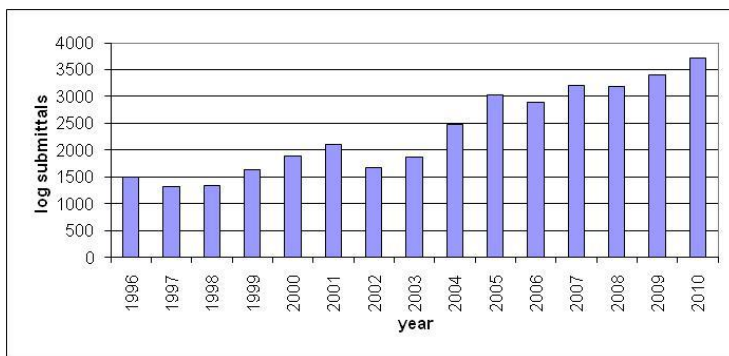
You've probably participated in some of the "smaller" contests – like the friendly North American QSO Parties sponsored by the National Contest Journal (www.ncjweb.com) and your state's QSO party. You might have done fairly well in those events but want to ramp up your contesting endeavors to the bigger contests – that is, get your feet even wetter in contesting. If you're in this category, you might want to try the IARU HF World Championship this coming July.

AI4AW, in his Soapbox comments (www.arri.org/contests/soapbox) on the July 10-11, 2010 event summarized it nicely by saying, "What makes the IARU contest fun is everyone works everyone, we get to operate both CW and phone, the exchange is simple, we get to work HQ stations and receive their nifty QSLs through the bureau, and it's a 24 hour contest. It's also during the summer break which allows busy college students to take it seriously."

Throw in the fact that almost two-thirds of the participants were entered in the Low Power category (less than or equal to 150 watts) and that means your modest station will be on par with the majority of the competitors. Get your antennas ready (even better, make some improvements to your antenna farm) and join in the fun this July.

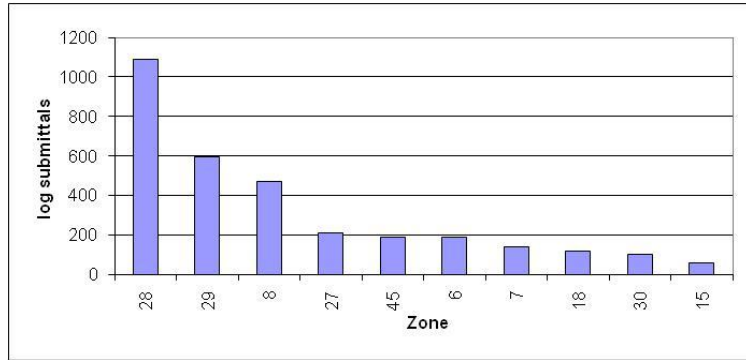
Logs, Zones, QSOs, Bands

As mentioned earlier, the 2010 event set a new record in log submittals. Figure 1 at left shows the number of logs submitted by year. No doubt the World Radiosport Team Championship 2010



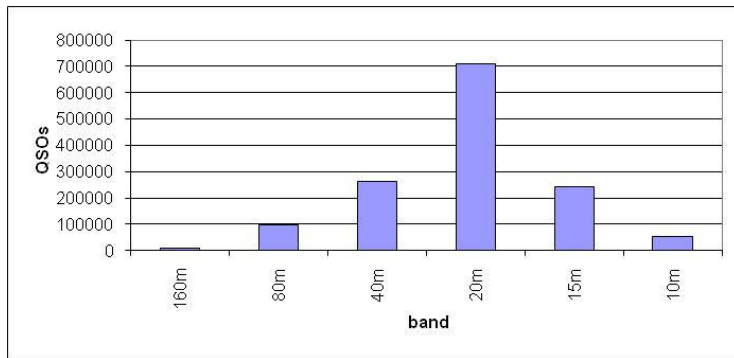
(run within the IARU HF World Championship) contributed to more log submittals but it's pretty obvious that the popularity of this contest grows independently of the WRTC events.

Figure 2 at right shows the Zone participation in terms of the number of logs received. Zone 28 again takes top honors, with Zone 29, Zone 8, Zone 27, and Zone 45 rounding out the top five. Logs were received from fifty-four zones this year. (An ITU Zone map is available at iaru.org/ituzonesc.gif)



In the logs received there were almost 1,400,000 QSOs made over the 24-hour contest period. In the Phone-Only and CW-Only category, CW entrants made roughly twice as many QSOs as the Phone entrants. It is likely that this ratio applies to all the categories, which says CW is still just as popular as ever and offers more QSOs due to its inherent effectiveness in marginal conditions.

With solar Cycle 24 just beginning its ascent, one would expect little change from last year in the number of QSOs by band. Indeed, the percentages compared to last year look similar. Figure 3 below shows the number of QSOs by band. It's possible that the slow rise of Cycle 24 will push the number of 15 meter QSOs past the number of 40 meter QSOs for this July's event.



One prediction from the data is certain – 20 meters will likely still be the go-to band regardless of where we are in a solar cycle. That's because this contest is run in the summer, when maximum useable frequencies are lower than winter. If you're restricted to one band for whatever reason, you might want to concentrate on 20 meters.

HQ and AC Stations

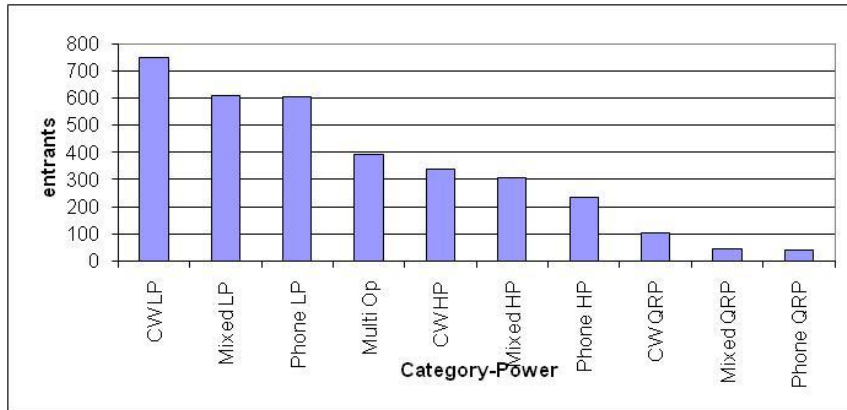
After last year's disagreement over log checking for HQ stations the World Wide Radio Operators Foundation (www.wwrof.org) volunteered to set up a committee of EU log reviewers representing their national societies (9A5K, DL3DXX, E77DX, F2DX, G4IRN, HB9EPA, OK1DIG, LA6FJA, SM6JSM, and SP7DQR). Their table (see the sidebar) of final results for the HQ and AC stations is included. We greatly appreciate the work done by the committee to make sure the HQ and AC logs are judged agreeably to all. A sidebar by Chris, 9A5K can be found at the end of this article along with all HQ and AC station scores.

Records

Three new records were set during the 2010 contest. Two of the three were individuals beating their old record! The World Single Op CW HP record set in 2005 was beaten by RV1AW operating as 5B/W2TAA. His 4.2-million score bested CT1BOH's 3.8-million record score at CT3EN. N1UR beat his Single-Op, Low Power, Phone 506k record set in 2009 with a score of 593k. And W1RM squeaked by his Single-Op, Low Power, CW 1,065,100-point record set in 2006 with a score of 1,135,630. Way to go, guys!

Class-Power Statistics

It was mentioned earlier that almost two-thirds of the participants entered in the Low Power category. Figure 4 below breaks down the entries by Category and Power. Single-Op, Low Power, CW is the most popular entry, with Single-Op, Low Power, Mixed and Single-Op, Low Power,



Phone pretty much running neck and neck. On the other end of the power meter, forty participants braved Single-Op, QRP, Phone (less than or equal to 5 watts). This was followed closely by forty-six entrants in Single-Op, QRP, Mixed. The number of Single-Op, QRP, CW entrants was more than twice that of Mixed or Phone. CW had a whopping one hundred and three brass pounders working at the 5-watt-or-less level.

| IARU HF Championship Records | | | |
|------------------------------|----------------------------|------------------|-------------|
| World Records | Call | Score | Year |
| Single-Op HP Mixed | 3V1A | 4,414,517 | 2007 |
| Single-Op LP Mixed | HG3M (HA3MY op) | 2,095,522 | 2004 |
| Single-Op QRP Mixed | HG5Y | 1,067,647 | 2007 |
| Single-Op HP Phone | CN2R (W7EJ op) | 4,718,736 | 2005 |
| Single-Op LP Phone | D4C | 2,975,632 | 2008 |
| Single-Op QRP Phone | HG1W (HA1WD op) | 348,517 | 2007 |
| Single-Op HP CW | 5B/W2TAA (RV1AW op) | 4,219,995 | 2010 |
| Single-Op LP CW | HA8DU | 2,278,782 | 2006 |
| Single-Op QRP CW | HA5KDQ (HA7ANT op) | 1,412,260 | 2006 |
| Multioperator | P3A | 7,008,176 | 2003 |
| Headquarters | R9HQ | 26,342,498 | 2006 |
| | | | |
| W/VE Records | Call | Score | Year |
| Single-Op HP Mixed | KQ2M | 2,810,088 | 2001 |
| Single-Op LP Mixed | VE3DZ | 1,179,150 | 2009 |
| Single-Op QRP Mixed | NØKE | 187,590 | 2008 |
| Single-Op HP Phone | KH6ND | 2,257,190 | 2002 |
| Single-Op LP Phone | N1UR | 592,920 | 2010 |
| Single-Op QRP Phone | KC5R | 172,080 | 2007 |
| Single-Op HP CW | VY2ZM (K5ZD op) | 2,631,694 | 2005 |
| Single-Op LP CW | W1RM | 1,135,630 | 2010 |
| Single-Op QRP CW | W2GD | 427,392 | 2009 |
| Multioperator | K1LZ | 2,554,760 | 2009 |
| Headquarters | W1AW/4 | 10,720,370 | 2000 |

Zones To Be In To Win

The table at right delineates the Winners by Zone (for both the World and W/VE) for each Category and Power. There's nothing surprising here. If you want to win the World, Zone 28 gives you the best chance due to the population density and point structure of the scoring format. Likewise, Zone 8 gives a W/VE station the best chance of winning. Of course there are a few exceptions, but the data tells the story.

| World | Zone of Winner | W/VE | Zone of Winner |
|---------------------|----------------|---------------------|----------------|
| Single-Op HP Mixed | 28 | Single-Op HP Mixed | 8 |
| Single-Op LP Mixed | 28 | Single-Op LP Mixed | 8 |
| Single-Op QRP Mixed | 28 | Single-Op QRP Mixed | 8 |
| Single-Op HP Phone | 28 | Single-Op HP Phone | 4 |
| Single-Op LP Phone | 28 | Single-Op LP Phone | 8 |
| Single-Op QRP Phone | 28 | Single-Op QRP Phone | 4 |
| Single-Op HP CW | 39 | Single-Op HP CW | 8 |
| Single-Op LP CW | 39 | Single-Op LP CW | 8 |
| Single-Op QRP CW | 28 | Single-Op QRP CW | 7 |
| Multioperator | 29 | Multioperator | 8 |
| Headquarters | 28 | Headquarters | 8 |

| Top Ten by Category | | | |
|---|-----------|---|-----------|
| DX | | US and Canada | |
| Call | Score | Call | Score |
| Single-Operator, QRP, Mixed | | Single-Operator, QRP, Mixed | |
| OK7CM | 395,328 | KT8K | 110,016 |
| US2IZ | 235,382 | NDØC | 82,082 |
| DR2Q (DL8MBS, op) | 151,156 | KA1LMR | 57,486 |
| JR3RWB | 108,460 | W6AQ | 38,346 |
| RW6FO | 107,502 | K8ZT | 29,176 |
| LY4BF | 87,000 | VE3MGY | 29,080 |
| IZ3NVR | 72,653 | NT4TS | 15,163 |
| RN4HAB | 57,152 | VE3WZ | 14,364 |
| SP5DDJ | 49,280 | WØMRZ | 13,716 |
| RK9DO | 30,267 | KU4A | 13,146 |
| Single-Operator, Low Power, Mixed | | Single-Operator, Low Power, Mixed | |
| HGØR (HAØNAR, op) | 1,426,500 | NR3X (N4YDU, op) | 530,874 |
| RL9AA | 1,394,584 | K9JF | 502,720 |
| OL6P | 1,053,949 | VE3KF | 457,905 |
| HG1ØP (HA3MY, op) | 1,036,028 | KØAD | 364,760 |
| UA3RC | 1,030,621 | N2WN | 268,200 |
| LY4L | 991,952 | N2ZN | 203,371 |
| OK2BYW | 710,160 | KB9OWD | 202,080 |
| RW9C | 709,136 | VE1AL | 201,664 |
| SK3A (SM3CVM, op) | 661,153 | N9CM | 198,120 |
| VP5ØV (W5CW, op) | 659,450 | N1YX | 188,370 |
| Single-Operator, High Power, Mixed | | Single-Operator, High Power, Mixed | |
| 4O3A (UT5UDX, op) | 3,573,079 | K3CR (LZ4AX, op) | 2,472,660 |
| RC9O | 3,061,970 | VE3AT | 2,187,184 |
| EA8CMX (OH2BYS, op) | 2,944,200 | KQ2M | 1,938,457 |
| RG3K (UA3QDX, op) | 2,695,210 | K9RS (N3DXX, op) | 1,624,129 |
| DL1IAO | 2,361,174 | K3ZO | 1,516,816 |
| YTØZ (YU1ZZ, op) | 2,342,697 | W4AN (K4BAI, op) | 1,446,898 |
| OH8L (OH8LQ, op) | 2,289,030 | K4AB | 927,399 |
| UT7U (UT7UV, op) | 2,189,970 | N4DA | 733,838 |
| PS2T (PY2NY, op) | 2,081,359 | K1JB | 727,904 |
| RA9CKQ | 1,894,405 | N4EEB | 541,317 |
| Single-Operator, QRP, Phone | | Single-Operator, QRP, Phone | |
| HG1W | 243,906 | VE3RHD | 32,175 |
| HA5KDQ (HA5NB, op) | 94,560 | AE5GT | 31,800 |
| RD3AJB | 80,289 | W2TI | 24,035 |
| IV3AOL | 55,335 | KD8DVY | 12,606 |
| SP2QOT | 49,413 | WB7OCV | 8,446 |
| OK4AS | 31,185 | VE2EXB | 6,688 |
| EA1GT/QRP | 24,090 | WBØIWG | 3,810 |
| MØLPT | 18,873 | N4ZAK | 2,136 |
| R2AD | 17,493 | KC7DVF | 1,168 |
| PE2KP | 17,493 | VA3WFPV | 340 |
| Single-Operator, Low Power, Phone | | Single-Operator, Low Power, Phone | |
| HA3DX (HA4XH, op) | 1,011,974 | N1UR | 592,920 |
| EM7L (UT7XX, op) | 835,582 | KP2AA1BU | 533,621 |
| RW1CW | 719,590 | W3LL | 242,424 |
| IR5X | 591,136 | VE9ZX | 230,016 |
| 7Z1SJ | 506,077 | NV8N | 206,518 |
| YP7P (YO7LFV, op) | 459,856 | N2RJ | 152,000 |
| YO3CZW | 441,600 | K4MDX | 139,692 |
| UA3BL | 397,480 | KA2KON | 94,416 |
| HK6P | 393,000 | K1WO | 89,960 |
| IW1QN | 392,274 | W5GFI | 75,030 |

| | | | |
|---|-----------|---|-----------|
| Single-Operator, High Power, Phone | | Single-Operator, High Power, Phone | |
| HG8R | 2,024,145 | VE3AP (LU7DW, op) | 1,558,947 |
| YL7A | 1,837,000 | W7WA | 1,370,520 |
| ES5RW | 1,634,816 | WB9Z | 1,280,570 |
| UW5Q (UR3QCW, op) | 1,632,255 | NR5M | 1,237,054 |
| RN7F | 1,557,828 | K5TR | 1,064,688 |
| YT8A (YU1EA, op) | 1,385,208 | VW1WW (KK1KW, op) | 806,265 |
| CR3L (DJ6QT, op) | 1,252,968 | W4SVO | 668,656 |
| ZX2B (PY2MNL, op) | 1,252,416 | K4NV | 564,582 |
| GW9T (MWØZZK, op) | 1,157,450 | K5ER | 309,270 |
| LY7A | 1,107,195 | | |
| Single-Operator, QRP, CW | | Single-Operator, QRP, CW | |
| HA8BE | 588,838 | W5GAI | 195,548 |
| HA1ZH | 463,541 | VA3SB | 174,276 |
| HG5A (HA7AP, op) | 433,552 | K8CN | 87,330 |
| OK3C (OK2ZC, op) | 430,766 | N5WLA | 41,006 |
| RA3AN | 290,652 | K4ORD | 27,008 |
| UA6LCJ | 270,984 | K7HBN | 21,712 |
| SP2DNI | 254,842 | AI9K | 21,120 |
| SP9NSV | 254,502 | K5ND | 17,424 |
| DD1IM | 204,444 | NU4B | 17,169 |
| SP4GFG | 189,108 | K2QO | 9,840 |
| Single-Operator, Low Power, CW | | Single-Operator, Low Power, CW | |
| ZC4LI | 1,891,932 | W1RM | 1,135,630 |
| EF3A (EA3KU, op) | 1,545,328 | VE3EK | 477,462 |
| SM5IMO | 1,356,277 | W2/E78WW | 456,304 |
| OK2ZI | 1,208,970 | NA4K | 443,366 |
| RA9AP | 1,114,814 | VA1CHP | 407,484 |
| UW5U (UY2UA, op) | 1,091,520 | K7WP | 371,868 |
| S52OP | 1,072,190 | WB4TDH | 363,058 |
| UT1IA | 991,650 | VE1RGB | 341,775 |
| RT9S | 904,622 | N2WQ/VE3 | 309,852 |
| LZ9R (LZ3YY, op) | 883,025 | N9UC (WO9S, op) | 304,448 |
| Single-Operator, High Power, CW | | Single-Operator, High Power, CW | |
| 5B/W2TAA (RV1AW, op) | 4,219,995 | K1KI | 2,085,460 |
| CR3E (CT1BOH, op) | 3,677,208 | KØDQ | 1,890,966 |
| RD3A | 3,073,600 | K1TO | 1,740,362 |
| OHØX (OH2PM, op) | 2,713,710 | K8PO | 1,665,816 |
| RX9AM | 2,458,783 | AA3B | 1,600,720 |
| UW1M (UR5MW, op) | 2,443,716 | W9RE | 1,561,680 |
| YT2T | 2,160,877 | N4AF | 1,539,245 |
| RS3A (RA3CW, op) | 2,028,534 | KØDXC | 1,521,312 |
| RA9FTM | 1,876,600 | N4OGV | 1,322,322 |
| HG7T (HA7TM, op) | 1,724,256 | WØUA | 1,100,790 |
| Multioperator | | Multioperator | |
| RT4F | 4,226,220 | NN3W | 2,762,474 |
| OH4A | 3,707,304 | NØNI | 1,649,572 |
| CR3T | 3,116,464 | K8AZ | 1,562,724 |
| UA9UZZ | 2,744,415 | W1UJ | 1,425,690 |
| RN9S | 2,708,500 | K5MR | 1,347,005 |
| RK9CWW | 2,542,428 | K2LE | 1,309,280 |
| HG8DX | 2,376,990 | W5WMU | 1,269,496 |
| HG1S | 2,201,804 | K6NA | 1,196,257 |
| LZ9W | 2,171,884 | K5KG | 1,143,628 |
| RA9A | 2,150,120 | N1LN | 1,030,125 |

Winners – World

In Single-Op, QRP, Mixed, OK7CM talked and keyed his way to first place with a nice score of 395,328, beating US2IZ by a good margin. In Single-Op, Low Power, Mixed, HGØR (HAØNAR op) beat RL9AA with a 1,426,500 score (see the Close Races section). In Single-Op, High Power, Mixed, 4O3A (UT5UDX op) scored 3,573,079 to best RC9O.

In Single-Op, QRP, Phone, HG1W beat fellow countryman HA5KDQ (HA5NB op) by a wide margin. In Single-Op, Low Power, Phone HA3DX (HA4XH op) voiced his way to a win over EM7L (UT7XX op) with a 1,011,974 score. In Single-Op, High Power, Phone HG8R scored 2,024,145 to claim first place over YL7A.

In Single-Op, QRP, CW, HA8BE also beat fellow countryman HA1ZH by a significant margin. In Single-Op, Low Power, CW ZC4LI keyed to a win over EF3A (EA3KU op) with a nice 1,891,932 score. In Single-Op, High Power, CW, 5B/W2TAA (RV1AW op) used Morse code effectively to outscore CR3E (CT1BOH op).

In Multioperator, the RT4F team fought their way to first place over the OH4A team with a fine 4,226,220 point effort. Congratulations to all the World winners!

Winners – W/VE

In Single-Op, QRP, Mixed, KT8K in Michigan beat ND0C in Minnesota. In Single-Op, Low Power, Mixed, NR3X in North Carolina pulled out a win over K9JF in the state of Washington. In Single-Op, High Power, Mixed, K3CR (LZ4AX op) scored 2,472,660 to best VE3AT.

In Single-Op, QRP, Phone, VE3RHD just squeaked by AE5GT in Texas (see the Close Races section). In Single-Op, Low Power, Phone, N1UR voiced his way to a win over W3LL with a 592,920 score. In Single-Op, High Power, Phone, VE3AP scored 1,558,947 to win first place over W7WA in the state of Washington.

In Single-Op, QRP, CW, W5GAI in Texas beat VA3SB in Ontario by a decent margin. In Single-Op, Low Power, CW, W1RM pounded brass to a win over VE3EK. In Single-Op, High Power, CW, K1KI's 2,085,460 score from Connecticut bested KØDQ's 1,890,996 score from Virginia.

In Multioperator, the NN3W team in Maryland-DC won first place over the NØNI team in Iowa with a 2,762,474 point effort. Congratulations to all the W/VE winners, too!

Close Races

The closest race amongst non-W/VEs participants was in Single Op, Low Power, Mixed. The HGØR score (HAØNAR op) of 1,426,500 was only 2.3% higher than RL9AA's score of 1,394,584. HGØR made 175 less QSOs than RL9AA, but HGØR's 112 more multipliers more than made up for the QSO shortfall.

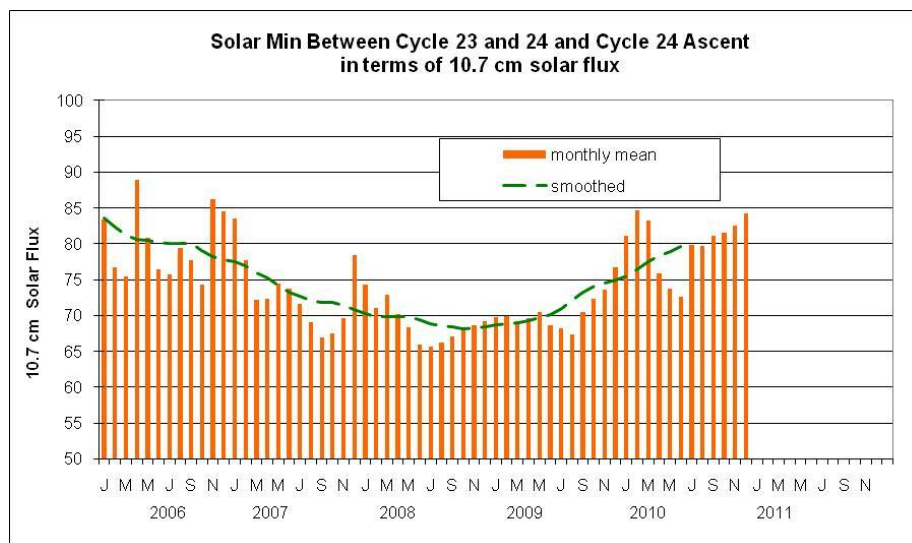
The closest W/VE race, in addition to being the closest race in the entire contest, was in Single-Op, QRP, Phone. VE3RHD had 197 QSOs and 55 multipliers compared to AE5GT's 168 QSOs and 60 multipliers. This resulted in VE3RHD winning by 1.2%, and in this instance VE3RHD had enough QSOs to overcome AE5GT's slightly higher multiplier total.

| Continental Results | | | | | | | | |
|---------------------|-----------|---------------|----------------------|-----------|----------------|---------------------|-----------|----------------|
| Africa | | Asia | | Europe | | | | |
| EA8BQM | 62,040 | SO, LP, Mixed | JR3RWB | 108,460 | SO, QRP, Mixed | OK7CM | 395,328 | SO, QRP, Mixed |
| EC8AFM | 13,821 | SO, LP, Mixed | RK9DO | 30,267 | SO, QRP, Mixed | US2IZ | 235,382 | SO, QRP, Mixed |
| CN8VO | 10,575 | SO, LP, Mixed | JK1TCV | 6,562 | SO, QRP, Mixed | DR2Q (DL8MBS, op) | 151,156 | SO, QRP, Mixed |
| EA8/PAØLOI | 8,640 | SO, LP, Mixed | BD4WM | 3,475 | SO, QRP, Mixed | RW6FO | 107,502 | SO, QRP, Mixed |
| EA8RY | 910 | SO, LP, Mixed | 7K1CPT | 1,054 | SO, QRP, Mixed | LY4BF | 87,000 | SO, QRP, Mixed |
| EA8CMX (OH2BYS, op) | 2,944,200 | SO, HP, Mixed | RL9AA | 1,394,584 | SO, LP, Mixed | HGØR (HAØNAR, op) | 1,426,500 | SO, LP, Mixed |
| VQ9ØJC (VQ9JC, op) | 236,800 | SO, HP, Mixed | RW9C | 709,136 | SO, LP, Mixed | OL6P | 1,053,949 | SO, LP, Mixed |
| EA8CNR | 132,600 | SO, LP, Phone | UA9CMQ | 581,658 | SO, LP, Mixed | HG1ØP (HA3MY, op) | 1,036,028 | SO, LP, Mixed |
| D2QMN | 20,832 | SO, LP, Phone | RV9UP | 516,710 | SO, LP, Mixed | UA3RC | 1,030,621 | SO, LP, Mixed |
| CT3KU | 10,122 | SO, LP, Phone | RO7M | 395,328 | SO, LP, Mixed | LY4L | 991,952 | SO, LP, Mixed |
| EA8CST | 5,304 | SO, LP, Phone | RC9O | 3,061,970 | SO, HP, Mixed | 4O3A (UT5UDX, op) | 3,573,079 | SO, HP, Mixed |
| 6W7RV | 4,750 | SO, LP, Phone | RA9CKQ | 1,894,405 | SO, HP, Mixed | RG3K (UA3QDX, op) | 2,695,210 | SO, HP, Mixed |
| CR3L (DJ6QT, op) | 1,252,968 | SO, HP, Phone | ZC4VJ | 1,005,123 | SO, HP, Mixed | DL1IAO | 2,361,174 | SO, HP, Mixed |
| ZS5NK | 17,836 | SO, HP, Phone | UA9CAJ | 911,865 | SO, HP, Mixed | YTØZ (YU1ZZ, op) | 2,342,697 | SO, HP, Mixed |
| CT3HF | 9,664 | SO, HP, Phone | RAØFU | 869,575 | SO, HP, Mixed | OH8L (OH8LQ, op) | 2,289,030 | SO, HP, Mixed |
| EF8G (EA8CNB, op) | 510 | SO, HP, Phone | JA2MWW | 8,446 | SO, QRP, Phone | HG1W | 243,906 | SO, QRP, Phone |
| EA8DA | 286,740 | SO, LP, CW | 7Z1SJ | 506,077 | SO, LP, Phone | HA5KDQ (HA5NB, op) | 94,560 | SO, QRP, Phone |
| CN8YR | 7,326 | SO, LP, CW | P39P (5B4AIP, op) | 324,478 | SO, LP, Phone | RD3AJB | 80,289 | SO, QRP, Phone |
| V51YJ | 3,640 | SO, LP, CW | RX9FR | 135,315 | SO, LP, Phone | IV3AOL | 55,335 | SO, QRP, Phone |
| ZS1JY | 2,442 | SO, LP, CW | RX9FG | 97,455 | SO, LP, Phone | SP2QOT | 49,413 | SO, QRP, Phone |
| ZS4JAN | 902 | SO, LP, CW | UN1O | 95,159 | SO, LP, Phone | HA3DX (HA4XH, op) | 1,011,974 | SO, HP, Mixed |
| CR3E (CT1BOH, op) | 3,677,208 | SO, HP, CW | RN7F | 1,557,828 | SO, HP, Phone | EM7L (UT7XX, op) | 835,582 | SO, LP, Phone |
| ED8T (EA8AY, op) | 813,375 | SO, HP, CW | A61BK | 896,235 | SO, HP, Phone | RW1CW | 719,590 | SO, LP, Phone |
| ZS1EL | 35,259 | SO, HP, CW | RA9AU | 519,861 | SO, HP, Phone | IR5X | 591,136 | SO, LP, Phone |
| CT3BD | 18,954 | SO, HP, CW | UAØFM | 395,584 | SO, HP, Phone | YP7P (YO7LFV, op) | 459,856 | SO, LP, Phone |
| CR3T | 3,116,464 | Multioperator | UA9JDP | 391,000 | SO, HP, Phone | HG8R | 2,024,145 | SO, HP, Phone |
| | | | RW4AA/9 | 148,120 | SO, QRP, CW | YL7A | 1,837,000 | SO, HP, Phone |
| | | | RD9CX | 148,002 | SO, QRP, CW | ES5RW | 1,634,816 | SO, HP, Phone |
| | | | 4L9QQ | 63,525 | SO, QRP, CW | UW5Q (UR3QCW, op) | 1,632,255 | SO, HP, Phone |
| | | | JR1NKN | 42,174 | SO, QRP, CW | YT8A (YU1EA, op) | 1,385,208 | SO, HP, Phone |
| | | | RA9MU | 12,685 | SO, QRP, CW | HA8BE | 588,838 | SO, QRP, CW |
| | | | ZC4LI | 1,891,932 | SO, LP, CW | HA1ZH | 463,541 | SO, QRP, CW |
| | | | RA9AP | 1,114,814 | SO, LP, CW | HG5A (HA7AP, op) | 433,552 | SO, QRP, CW |
| | | | RT9S | 904,622 | SO, LP, CW | OK3C (OK2ZC, op) | 430,766 | SO, QRP, CW |
| | | | UA9AOL | 805,376 | SO, LP, CW | RA3AN | 290,652 | SO, QRP, CW |
| | | | RC7F | 587,970 | SO, LP, CW | EF3A (EA3KU, op) | 1,545,328 | SO, LP, CW |
| | | | 5B/W2TAA (RV1AW, op) | 4,219,995 | SO, HP, CW | SM5IMO | 1,356,277 | SO, LP, CW |
| | | | RX9AM | 2,458,783 | SO, HP, CW | OK2ZI | 1,208,970 | SO, LP, CW |
| | | | RA9FTM | 1,876,600 | SO, HP, CW | UW5U (UY2UA, op) | 1,091,520 | SO, LP, CW |
| | | | RA9AE | 1,536,171 | SO, HP, CW | S52OP | 1,072,190 | SO, LP, CW |
| | | | R9SA | 1,400,294 | SO, HP, CW | RD3A | 3,073,600 | SO, HP, CW |
| | | | UA9UZZ | 2,744,415 | Multioperator | OHØX (OH2PM, op) | 2,713,710 | SO, HP, CW |
| | | | RN9S | 2,708,500 | Multioperator | UW1M (UR5MW, op) | 2,443,716 | SO, HP, CW |
| | | | RK9CWWW | 2,542,428 | Multioperator | YT2T | 2,160,877 | SO, HP, CW |
| | | | RA9A | 2,150,120 | Multioperator | RS3A (RA3CW, op) | 2,028,534 | SO, HP, CW |
| | | | UI9I | 2,075,427 | Multioperator | RT4F | 4,226,220 | Multioperator |
| | | | | | | OH4A | 3,707,304 | Multioperator |
| | | | | | | HG8DX | 2,376,990 | Multioperator |
| | | | | | | HG1S | 2,201,804 | Multioperator |
| | | | | | | LZ9W | 2,171,884 | Multioperator |
| South America | | | Oceania | | | North America | | |
| PY7RP | 210,160 | SO, LP, Mixed | VK4AN | 26,158 | SO, LP, Mixed | VP5ØV (W5CW, op) | 659,450 | SO, LP, Mixed |
| AY8A (LU8ADX, op) | 103,831 | SO, LP, Mixed | VK3DLI | 25,075 | SO, LP, Mixed | H7A (YN4SU, op) | 111,873 | SO, LP, Mixed |
| PY2SEX | 71,424 | SO, LP, Mixed | VK2APU | 24,920 | SO, LP, Mixed | H3FVA | 17,700 | SO, LP, Mixed |
| HK1R | 51,420 | SO, LP, Mixed | V85TX | 13,237 | SO, LP, Mixed | XE1FZE | 11,583 | SO, LP, Mixed |
| PY2MTS | 37,922 | SO, LP, Mixed | VK4XES | 1,955 | SO, LP, Mixed | XE1V | 9,962 | SO, HP, Mixed |
| PS2T (PY2NY, op) | 2,081,359 | SO, HP, Mixed | VK3TDX | 456,048 | SO, HP, Mixed | WP3GW | 44,560 | SO, LP, Phone |
| PV8AA | 821,873 | SO, HP, Mixed | VK7ZE | 105,984 | SO, HP, Mixed | H3K | 8,500 | SO, LP, Phone |
| PP5JY | 86,320 | SO, HP, Mixed | VK3IO | 101,380 | SO, HP, Mixed | XE2YWH | 7,874 | SO, LP, Phone |
| PX2C (PY2MTV, op) | 47,658 | SO, HP, Mixed | DU1EV | 3,630 | SO, HP, Mixed | 4B1ZTW (XE1ZTW, op) | 2,832 | SO, LP, Phone |
| YV5NWX | 31,464 | SO, HP, Mixed | DV1JM | 79,380 | SO, LP, Phone | 4B1EE (XE1EE, op) | 5,440 | SO, HP, Phone |
| HK6P | 393,000 | SO, LP, Phone | YB8EL | 25,865 | SO, LP, Phone | WP4WWW (KP4JRS, op) | 5,408 | SO, HP, Phone |
| LU1UM (LU2UF, op) | 261,198 | SO, LP, Phone | YB1UUN | 17,043 | SO, LP, Phone | J39BS | 90,864 | SO, LP, CW |
| YV5LI | 112,817 | SO, LP, Phone | VK4LDX | 5,720 | SO, LP, Phone | XE2AC | 56,283 | SO, LP, CW |
| ZV2C | 83,096 | SO, LP, Phone | ZL2MM | 2,261 | SO, LP, Phone | HP1AC | 17,200 | SO, LP, CW |
| LR1H | 42,550 | SO, LP, Phone | KH2JU | 172,800 | SO, HP, Phone | T2CLX | 13,146 | SO, LP, CW |
| ZX2B (PY2MNL, op) | 1,252,416 | SO, HP, Phone | DU1AV | 126,996 | SO, HP, Phone | NP2X (K9VV, op) | 237,360 | SO, HP, CW |
| PY2LSM | 1,058,282 | SO, HP, Phone | VK4GH | 17,507 | SO, HP, Phone | XE1MM | 82,350 | SO, HP, CW |
| LU4DX | 627,414 | SO, HP, Phone | DU1JI | 16,380 | SO, HP, Phone | XE2WWW | 42,960 | SO, HP, CW |
| ZY2C (PY2ADR, op) | 510,834 | SO, HP, Phone | YBØBCU | 279 | SO, HP, Phone | KP2B | 238,810 | Multioperator |
| LP2F (LU1FDU, op) | 293,761 | SO, HP, Phone | 9M6YBG | 140,630 | SO, LP, CW | HR2DMR | 71,730 | Multioperator |
| LU1DCB (LU6DO, op) | 23,124 | SO, QRP, CW | YB3XM | 49,842 | SO, LP, CW | FP/K9OT | 18,603 | Multioperator |
| LU8EHR | 1,045 | SO, QRP, CW | VK2GR | 35,165 | SO, LP, CW | XE2WK | 7,888 | Multioperator |
| LU7HZ | 550 | SO, QRP, CW | VK3FM | 22,101 | SO, LP, CW | | | |
| PUBTEP | 76 | SO, QRP, CW | VK4TT | 17,056 | SO, LP, CW | | | |
| PP5VX | 24 | SO, QRP, CW | NH2T (N2NL, op) | 1,032,669 | SO, HP, CW | | | |
| AY9F (LU5FZ, op) | 112,728 | SO, LP, CW | VK4EMM | 357,555 | SO, HP, CW | | | |
| CE3DNP | 71,412 | SO, LP, CW | ZM2B (ZL2BR, op) | 197,736 | SO, HP, CW | | | |
| HK3Q | 37,680 | SO, LP, CW | ZL3TE (W3SE, op) | 184,280 | SO, HP, CW | | | |
| PR7AB | 36,472 | SO, LP, CW | VK7GN | 135,744 | SO, HP, CW | | | |
| LU3DAT | 24,583 | SO, LP, CW | ZM4G (ZL2FB, op) | 349,885 | Multioperator | | | |
| PY2YU | 1,496,286 | SO, HP, CW | ZL2JU | 216,360 | Multioperator | | | |
| L33M | 63,384 | SO, HP, CW | KG6DX | 109,956 | Multioperator | | | |
| PY7ZY | 46,410 | SO, HP, CW | ZL1T | 78,070 | Multioperator | | | |
| PY3AU | 31,806 | SO, HP, CW | DV1/JO7KMB | 41,313 | Multioperator | | | |
| PY2IU | 26,800 | SO, HP, CW | | | | | | |
| ZW5B | 1,668,816 | Multioperator | | | | | | |
| LR2F | 1,648,548 | Multioperator | | | | | | |
| PT5T | 1,526,890 | Multioperator | | | | | | |
| LS1D | 1,465,449 | Multioperator | | | | | | |
| CE4CT | 1,433,740 | Multioperator | | | | | | |

| Regional Leaders | | | | | | | | | | | | | | |
|--|-----------|------------|---|-----------|------------|--|-----------|------------|---|-----------|------------|---|-----------|------------|
| Northeast Region (New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections) | | | Southeast Region (Delta, Roanoke and Southeastern Divisions) | | | Central Region (Central and Great Lakes Divisions; Ontario Section) | | | Midwest Region (Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections) | | | West Coast Region (Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections) | | |
| KA1LMR | 57,486 | SO QRP Mix | NT4TS | 15,163 | SO QRP Mix | KT8K | 110,016 | SO QRP Mix | ND0C | 82,082 | SO QRP Mix | W6AQ | 38,346 | SO QRP Mix |
| N3XRV | 12,236 | SO QRP Mix | W4QO | 9,196 | SO QRP Mix | K8ZT | 29,176 | SO QRP Mix | W0MRZ | 13,716 | SO QRP Mix | AC6YY | 5,130 | SO QRP Mix |
| VE9QRP | 12,100 | SO QRP Mix | NR3X (N4YDU op) | 530,874 | SO LP Mix | VE3MGY | 29,080 | SO QRP Mix | W0YJT | 4,536 | SO QRP Mix | K9JF | 502,720 | SO LP Mix |
| VA3JFF/W1 | 3,657 | SO QRP Mix | N2WN | 268,200 | SO LP Mix | VE3WZ | 14,364 | SO QRP Mix | AD7BN | 80 | SO QRP Mix | WA6FGV | 140,794 | SO LP Mix |
| N2ZN | 203,371 | SO LP Mix | N9CM | 198,120 | SO LP Mix | KU4A | 13,146 | SO QRP Mix | K0AD | 364,760 | SO LP Mix | NR7Q | 112,211 | SO LP Mix |
| VE1AL | 201,664 | SO LP Mix | NV4B | 141,565 | SO LP Mix | VE3KF | 457,905 | SO LP Mix | VE4YU | 172,260 | SO LP Mix | VE7WEB | 105,552 | SO LP Mix |
| N1YX | 188,370 | SO LP Mix | K3TW/4 | 57,540 | SO LP Mix | KB9OWD | 202,080 | SO LP Mix | W0ETT | 169,626 | SO LP Mix | K3FIV | 91,205 | SO LP Mix |
| KB3LIX | 123,098 | SO LP Mix | W4AN (K4BAI op) | 1,446,898 | SO HP Mix | W9ZRX | 107,811 | SO LP Mix | AD1C | 149,600 | SO LP Mix | KC6Z | 367,780 | SO HP Mix |
| N1IBM | 107,460 | SO LP Mix | K4AB | 927,399 | SO HP Mix | W8TM | 89,454 | SO LP Mix | K0BJ | 66,339 | SO LP Mix | K6SRZ | 291,712 | SO HP Mix |
| K3CR (LZ4AX op) | 2,472,660 | SO HP Mix | N4DA | 733,838 | SO HP Mix | N8DE | 63,308 | SO LP Mix | K0OU | 431,860 | SO HP Mix | K4XU | 215,943 | SO HP Mix |
| KQ2M | 1,938,457 | SO HP Mix | N4EEB | 541,317 | SO HP Mix | VE3AT | 2,187,184 | SO HP Mix | N0KE | 391,170 | SO HP Mix | WA5VGI | 179,529 | SO HP Mix |
| K9RS (N3DXX op) | 1,624,129 | SO HP Mix | NF4A | 287,250 | SO HP Mix | W9IU | 476,136 | SO HP Mix | K07X | 225,055 | SO HP Mix | W6SX | 152,460 | SO HP Mix |
| K3ZO | 1,516,816 | SO HP Mix | KD8DYY | 12,606 | SO QRP Ph | VE3OI | 246,078 | SO HP Mix | WW0AL | 60,996 | SO HP Mix | KC7DVF | 1,168 | SO QRP Ph |
| K1JB | 727,904 | SO HP Mix | N4ZAK | 2,136 | SO QRP Ph | VE3XN | 212,472 | SO HP Mix | AA5VU | 1,771 | SO HP Mix | VA7DXC | 55,522 | SO LP Ph |
| W2TI | 24,035 | SO QRP Ph | N8OQ | 145 | SO QRP Ph | VE3JM | 177,918 | SO HP Mix | AE5GT | 31,800 | SO QRP Ph | N7VPN | 23,622 | SO LP Ph |
| WB7OCV | 8,446 | SO QRP Ph | KP2/AA1BU | 533,621 | SO LP Ph | VE3RHD | 32,175 | SO QRP Ph | W5GFI | 75,030 | SO LP Ph | K7XE | 14,196 | SO LP Ph |
| VE2EXB | 6,688 | SO QRP Ph | K4MDX | 139,692 | SO LP Ph | VA3WPV | 340 | SO QRP Ph | W0FMS | 62,046 | SO LP Ph | K7ACZ | 12,236 | SO LP Ph |
| WB0IWG | 3,810 | SO QRP Ph | K4WES | 56,758 | SO LP Ph | NV8N | 206,518 | SO LP Ph | K5DHY | 59,220 | SO LP Ph | K7DNH | 11,997 | SO LP Ph |
| N1UR | 592,920 | SO LP Ph | K54X | 55,238 | SO LP Ph | KB8UJZ | 64,155 | SO LP Ph | W0BTSR | 42,009 | SO LP Ph | W7WA | 1,370,520 | SO HP Ph |
| W3LL | 242,424 | SO LP Ph | K3JKVC | 10,846 | SO LP Ph | VA3SWG | 47,400 | SO LP Ph | WD0BMR | 38,478 | SO LP Ph | W6AFA | 218,932 | SO HP Ph |
| VE9ZX | 230,016 | SO LP Ph | W4SVO | 668,656 | SO HP Ph | W8KNO | 43,848 | SO LP Ph | NR5M | 1,237,054 | SO HP Ph | KT6VV | 95,284 | SO HP Ph |
| N2RJ | 152,000 | SO LP Ph | K4NV | 564,582 | SO HP Ph | VA3GD | 20,829 | SO LP Ph | K5TR | 1,064,688 | SO HP Ph | N7VF | 66,202 | SO HP Ph |
| KA2KON | 94,416 | SO LP Ph | K5ER | 309,270 | SO HP Ph | VE3AP (LU7DW op) | 1,588,947 | SO HP Ph | K0RH | 265,088 | SO HP Ph | KB6FB | 57,084 | SO HP Ph |
| WW1WW (KK1KW op) | 806,265 | SO HP Ph | NJ2F | 165,998 | SO HP Ph | WB9Z | 1,280,570 | SO HP Ph | AD5XD | 144,760 | SO HP Ph | K7HBN | 21,712 | SO QRP CW |
| AD1DX | 56,274 | SO HP Ph | WA5OYU | 94,785 | SO HP Ph | NSJZN | 15,290 | SO HP Ph | N0QQ | 87,616 | SO HP Ph | W7BP | 5,250 | SO QRP CW |
| K3OQ | 27,936 | SO HP Ph | K4ORD | 27,008 | SO QRP CW | K9JIG | 14,700 | SO HP Ph | W5GAI | 195,548 | SO QRP CW | KL7/WA4DOX | 638 | SO QRP CW |
| VE2FXL | 22,576 | SO HP Ph | NU4B | 17,169 | SO QRP CW | VA3XH | 13,674 | SO HP Ph | N5WLA | 41,006 | SO QRP CW | W6/VK2IMM | 470 | SO QRP CW |
| WA3AFS | 21,868 | SO HP Ph | NA4K | 443,366 | SO LP CW | VA3SB | 174,276 | SO QRP CW | K5ND | 17,424 | SO QRP CW | WB6BDD | 224 | SO QRP CW |
| K8CN | 87,330 | SO QRP CW | WB4TDH | 363,058 | SO LP CW | Ai9K | 21,120 | SO QRP CW | W5BKL | 220 | SO QRP CW | K7WP | 371,868 | SO LP CW |
| K2QO | 9,840 | SO QRP CW | WA1FCN | 258,525 | SO LP CW | VA3RKM | 3,744 | SO QRP CW | NA0N | 271,062 | SO LP CW | VE6BF | 151,183 | SO LP CW |
| VA2SG | 8,646 | SO QRP CW | WK2G | 248,512 | SO LP CW | K8DD | 3,720 | SO QRP CW | W0IMD | 193,193 | SO LP CW | K2PO/7 | 115,620 | SO LP CW |
| N2EIK | 7,626 | SO QRP CW | N3ZL | 214,920 | SO LP CW | N8XX | 2,684 | SO QRP CW | W5RYA | 181,860 | SO LP CW | KM6Z | 104,377 | SO LP CW |
| NQ2W | 896 | SO QRP CW | K0DQ | 1,890,966 | SO HP CW | VE3EK | 477,462 | SO LP CW | AC0DS | 133,042 | SO LP CW | WN6K | 86,515 | SO LP CW |
| W1RM | 1,135,630 | SO LP CW | K1TO | 1,740,362 | SO HP CW | N2WQ/VE3 | 309,852 | SO LP CW | K5CM | 129,986 | SO LP CW | KH6YR (K1YR op) | 980,235 | SO HP CW |
| W2/E78WW | 456,304 | SO LP CW | N4AF | 1,539,245 | SO HP CW | N9UC (WO9S op) | 304,448 | SO LP CW | W0UA | 1,100,790 | SO HP CW | K6AW (@ N6RO) | 942,011 | SO HP CW |
| VA1CHP | 407,484 | SO LP CW | N4OGW | 1,322,322 | SO HP CW | K8AJS | 256,610 | SO LP CW | W5KFT (N1XS op) | 416,619 | SO HP CW | N7TT | 550,593 | SO HP CW |
| VE1RGB | 341,775 | SO LP CW | N4PN | 1,100,232 | SO HP CW | VE3KAO | 209,096 | SO LP CW | K0FX | 324,810 | SO HP CW | AD6E | 412,167 | SO HP CW |
| YY2SS | 301,568 | SO LP CW | W5WMU | 1,269,496 | Multiop | W9RE | 1,561,680 | SO HP CW | K5BG | 284,376 | SO HP CW | VA7ST | 374,472 | SO HP CW |
| K1KI | 2,085,460 | SO HP CW | K5KG | 1,143,628 | Multiop | K8GL | 694,112 | SO HP CW | K7IA | 132,848 | SO HP CW | K6NA | 1,196,257 | Multiop |
| K8PO | 1,665,816 | SO HP CW | N1LN | 1,030,125 | Multiop | N8PIV | 439,245 | SO HP CW | N6NI | 1,649,572 | Multiop | KH6LC | 1,023,624 | Multiop |
| AA3B | 1,600,720 | SO HP CW | KA1ARB | 891,885 | Multiop | KE9I | 387,512 | SO HP CW | K5MR | 1,347,005 | Multiop | N7AT | 840,917 | Multiop |
| K0DXC | 1,521,312 | SO HP CW | AB4GG | 749,853 | Multiop | K9MMS | 366,208 | SO HP CW | N7VM | 445,793 | Multiop | W7VJ | 839,496 | Multiop |
| K1FWE | 944,091 | SO HP CW | | | | K8AZ | 1,562,724 | Multiop | K0DI | 196,776 | Multiop | K6LRG | 663,120 | Multiop |
| NN3W | 2,762,474 | Multiop | | | | W8MJ | 930,628 | Multiop | N5ZK | 151,368 | Multiop | | | |
| W1UJ | 1,425,690 | Multiop | | | | K9SD | 860,453 | Multiop | | | | | | |
| K2LE | 1,309,280 | Multiop | | | | VE3YAA | 573,000 | Multiop | | | | | | |
| N2MM | 927,830 | Multiop | | | | K9NR | 443,443 | Multiop | | | | | | |
| W1QK | 545,598 | Multiop | | | | | | | | | | | | |

Propagation

The 10.7 cm solar flux was in the low 80s during the contest period. It certainly could have been better to give some spice to 15 and 10 meters. At least Cycle 24 is on the rise. This can be seen in the data in Figure 5 below. Note that the monthly mean sunspot data has its ups and downs. This is typical, and is expected.



What's most important is the smoothed sunspot number, as it is correlated to the state of the ionosphere in our propagation prediction programs. As long as the smoothed sunspot number (or the smoothed 10.7 cm solar flux) is on the rise, propagation should get better. So this year's contest should offer improved high-band propagation. I think we're all anxious for that!

And thank goodness the geomagnetic field was quiet over the contest weekend! July is historically an extremely quiet month with respect to geomagnetic field activity, so we shouldn't be too surprised that the 3-hour K index never got above 2 (and that includes data from high latitude observatories, too).

Disqualifications

The YPØA team (YO8WW, YO8SS, YO8DDP, YO8TOH, YO8OW, YO8BIG, YO8DOH, and YO8TRC) was disqualified from the 2010 IARU HF Championship contest for claiming credit for false QSOs while also generating and submitting multiple fake logs. The ARRL's policy is to publicly identify those who do not obey the rules. So play by the rules, people – enough said? Is a hobby that important to you to not play by the rules?

Check Logs

There were 282 logs relegated to check logs. Thanks to all who ended up in this pile. These logs do help the log checkers, so please submit your log regardless of your score.

2011 Contest

As a reminder, the 2011 contest will be held on the second full weekend of July – which puts it on July 9 and 10. I hope to work you in the contest!

2010 IARU HF Championship – The HQ Story

By Kresimir Kovarik, 9A5K

Year after year, many HQ stations, especially in Europe, participate in the IARU HF Championship. Some of them do that with just couple of stations and a small number of team members but on the other side there are very big and serious teams with many team members, operators, supporters and huge logistics. For some of them this is point where all preparations during the year come to daylight – during 24 hours of contest time with 12 fully equipped stations they are trying to do their best. Of course, it is a great chance to promote their national team and Amateur Radio in their countries.

At least in European countries, there is big competition between such national teams. Unfortunately, after publishing couple of versions of the 2009 HQ scores each time with different winner and many discussions on web forums where people were really disappointed with the way it was done, we come to the point where HQ competition even was in a question for year 2010 and in the future. During the Ham Radio Fair in Friedrichshafen, Germany at a meeting of HQ teams, we were able to make an agreement regarding an adjudication committee and ways in how we can try to avoid such problems in the future.

For the 2010 IARU HF contest we had 10 members of this committee representing their national societies; 9A5K, DL3DXX, E77DX, F2DX, G4IRN, HB9EPA, OK1DIG, LA6FJA, SM6JSM, and SP7DQR.

As we already agreed in Friedrichshafen, logs processing would be done by the World Wide Radio Operator Foundation (www.wwrof.com) and all members of the adjudication committee would get the HQ logs and log checking reports to check them and to give their objections if necessary. All the work done by WWROF and Doug, K1DG personally was really great and we can only agree that results are done in the best possible way.

Also, as a result of great friendship and to promote this HQ activity, three societies (ARABIH – E7HQ, HRS – 9AØHQ and OVSV – OE1A) on behalf of IARU Region 1 agreed to sponsor some

| IARU Headquarters Stations | | | |
|---|-------|-------|-------------|
| Call | QSOs | Mults | Final Score |
| DAØHQ | 20547 | 465 | 22,443,225 |
| TMØHQ | 14731 | 449 | 22,067,901 |
| IU1HQ | 14830 | 466 | 19,884,220 |
| GR2HQ | 14857 | 417 | 19,710,339 |
| SNØHQ | 15587 | 445 | 19,615,155 |
| E7HQ | 13568 | 458 | 18,492,208 |
| 9AØHQ | 13319 | 430 | 17,100,670 |
| R3HQ | 12448 | 419 | 16,989,612 |
| SK9HQ | 11647 | 403 | 16,595,943 |
| S5ØHQ | 12494 | 425 | 16,256,250 |
| YL4HQ | 11555 | 421 | 15,580,789 |
| LYØHQ | 10445 | 401 | 12,998,415 |
| YTØHQ | 11039 | 417 | 12,627,177 |
| OE1A | 10632 | 388 | 12,187,856 |
| 4X3HQ | 7222 | 328 | 10,928,960 |
| CR5HQ | 7817 | 384 | 10,696,320 |
| LXØHQ | 8707 | 356 | 10,628,380 |
| EM5HQ | 8841 | 389 | 10,564,073 |
| NU1AW | 9670 | 355 | 10,467,530 |
| YRØHQ | 9772 | 401 | 10,187,806 |
| OZ1HQ | 8398 | 350 | 10,150,700 |
| OH2HQ | 7480 | 357 | 9,191,322 |
| LZ7HQ | 8552 | 375 | 8,598,000 |
| SXØHQ | 9099 | 367 | 8,171,989 |
| 8N1HQ | 10419 | 325 | 7,723,625 |
| UN1HQ | 5670 | 303 | 7,630,146 |
| W1AW/8 | 8749 | 303 | 6,889,311 |
| A71A | 4712 | 309 | 6,663,276 |
| B1HQ | 3877 | 254 | 4,615,942 |
| OPØHQ | 4493 | 270 | 3,878,550 |
| LN2HQ | 3831 | 250 | 3,136,250 |
| HB9HQ | 3898 | 286 | 2,839,980 |
| CX1AA | 1963 | 260 | 2,257,580 |
| ZL6HQ | 2076 | 205 | 1,965,540 |
| EIØHQ | 2852 | 214 | 1,884,056 |
| ZF1A | 1867 | 150 | 953,250 |
| ER7HQ | 1665 | 141 | 615,465 |
| YV5AJ | 686 | 136 | 392,496 |
| EKØHQ | 918 | 109 | 389,784 |
| TF3HQ | 860 | 34 | 114,172 |
| TGØAA (TG9ANF, op) | 658 | 47 | 99,640 |
| HLØHQ | 412 | 72 | 92,304 |
| P4ØHQ (P43JB, op) | 182 | 109 | 64,746 |
| JU1HQ (JT1CS, op) | 338 | 55 | 58,630 |
| HSØAC (HSØ/OZ1HET, op) | 191 | 46 | 28,014 |
| XE1LM | 152 | 50 | 21,700 |
| HBØHQ | 225 | 53 | 18,815 |
| VR2HK | 18 | 16 | 800 |
| Administrative Council and Regional Official Stations | | | |
| Call | QSOs | Mults | Final Score |
| 9A5W | 1675 | 251 | 1,348,121 |
| JA1TRC | 948 | 201 | 654,858 |
| XE1KK | 900 | 140 | 418,040 |
| G3PSM | 312 | 144 | 127,296 |
| LA2RR | 297 | 138 | 115,506 |
| VE6SH | 330 | 67 | 71,020 |
| NB2T | 302 | 89 | 51,442 |
| ZS4BS | 2 | 2 | 20 |
| JE1MUI | 1 | 1 | 1 |

new plaques in three different categories for the IARU HF Championship 2010.

1. Station with the biggest number of QSOs with HQ stations in the first hour of the contest: The winner is Vladimir Gontarik - YL2CV
2. Station with the biggest number of QSOs with HQ stations in the first twelve hours of the contest: The winner is Laszlo Radocz - HGØR
3. Station with the biggest number of QSOs with HQ stations in the contest: The winner is Zero RC - OH4A

Thanks to all HQ stations for their participation in the contest and we really hope to see even more HQ's in 2011 edition of the IARU HF Championship.

W1AW/8

For the 2010 contest, the South West Ohio DX Association (SWODXA) hosted the W1AW HQ stations. All the bands on both modes were covered by six stations scattered throughout southwest Ohio. These stations were NØFW, K8DV, N8NR, N8BJQ, N8AA, and K4ZLE.

| Station | Location (OH) | Operators | Bands/Modes |
|---------|---------------|---|--------------------------------|
| NØFW | Hamilton | NØFW, K2KW, K8LEE, KEØA, N9NS, W8QID, W8RHM, WA8NJR | 160 SSB, 160 CW, 80 CW, 15 SSB |
| K8DV | Goshen | K8DV, AA8HH, AA8MC, K8CR | 75 SSB |
| N8NR | Greenville | N8NR, N9AG, K9JE, K9LA | 40 SSB, 15 CW, 10 CW |
| N8BJQ | New Carlisle | N8BJQ, AL7BA, K8NZ | 40 CW, 20 SSB |
| N8AA | Hamilton | N8AA, K8NZ | 20 CW |
| K4ZLE | Lebanon | K4ZLE, K8BA, KA8ZYE, W8ULC | 10 SSB |

W1AW/8 at N8AA (by John N8AA)

IARU was a blast! Operators were me and Ron, K8NZ. Ron is a long time friend, a great guy and a super operator. We made 1,970 Qs. Unfortunately the W1AW/8 station computers were not linked so we had no idea what the 20 meter SSB station was doing. As a consequence we didn't know our multiplier situation. We focused on running. We operated on 14040.5 kHz +/- for about 23-1/2 hours. We spent the last half hour looking for Far East stations. As I recall we worked BY, HS, JT, YB and a few other exotic mults during that last half hour. Well, maybe they were mults.

Ron came here to my QTH on Friday afternoon and got familiar with the station. We used a K3 (which by the way performed very well in the heavy QRM environment) and a TenTec Titan amp - 1500 watts. The antennas were a pair of Bencher Skyhawks - 10 element tribanders with three elements on 20. The top antenna is 70' high on Rohn 45G and the lower antenna mounted on a Tic-Gen ring rotor is about 38' high. The antennas are connected to a WXØB Stack Match so either or both antennas could be used at any one time.

At times we had the top antenna aimed at Europe and the lower antenna aimed southeast. Occasionally a South American or African station would call in. At times we'd aim the lower antenna west to work the USA and Oceania while still running Europe. And when we needed a few more dB in a given direction we'd use both antennas pointed in the desired direction. I think the W1AW call added a few dBs, too!

Ron and I operated in two-hour shifts. I began. Conditions on 20 were surprisingly good. The band was open for the entire 24 hours although Ron caught the two-hour shift from 0400/0600 local time (0800/1000 UTC) when conditions weren't so good. He made only 12 Qs during that stretch.

After dinner on Friday, Ron asked me what our goal should be. I glibly suggested 2,000 Qs - and got a quizzical look from Ron. Later that night, lying in bed I thought about that goal and realized that it just might be overly optimistic. Doh! Conditions had to be good and the station would have to work flawlessly. As it turned out conditions were good and Murphy didn't show and we almost achieved it!

W1AW/8 at K8DV (by Dave K8DV)

Here at my station we put some effort in preparing for the IARU as W1AW/8. I installed a Hy-Gain Hy-Tower that had been in the plans for several years but took this event to build a fire under me to get it done. I put up two new dipole antennas and bought and installed a K9AY loop system as well.

The W1AW/8 team at K8DV - AA8HH, K8CR, K8DV, AA8MC. (Photo by K8DV)



There were lots of dry spells during the day on 75 but AA8HH, AA8MC, K8CR and I kept the fire burning and made QSOs as we could. We had lots of noise during the late evening and throughout the night. The only issue we had even after testing everything the day

before was a bad microphone cable but like any good ham, we had a spare and only lost about five minutes of operating time.



The proprietor, K8DV operating W1AW/8 at K8DV (photo by K8DV)

A friend of mine asked me if it was worth the effort and all I could say was I would do it again in a heartbeat as how often do you get to sign the most famous call in the world from your own station?

W1AW/8 at N8NR (by Carl K9LA)

The N8NR station was well-suited for its bands. Bob has a two-element shorty-40 at 130 feet, and he added a dipole at 70 feet for the contest. On 15 meters, Bob has a two-high stack of 105BAs at 110 feet and 75 feet, with the bottom one fixed on Europe. For 10 meters, a three-high stack of 105CAs (at 120 feet, 90 feet, and 60 feet) transmitted and received 28 MHz energy. The bottom 10 meter Yagi was fixed southeast to South America and the Caribbean, and the middle one was fixed northeast to Europe. Additionally, Bob put up a tribander at 60 feet fixed to the west for 10 meters. The 40 meter Yagi and the 10 meter monobanders were on the same tower. The 15 meter monobanders were on a second tower and the tribander was on a third tower.

The 10 meter N8NR stack at sunset for W1AW/8
(photo by N8NR)



The 40 meter SSB station consisted of an FT1000MP-MKV with an Alpha 99 amplifier. The 15 meter CW station was an FT-2000 driving a venerable Drake L4. I brought my home station (an OMNI-VI Plus and a Commander HF-1250) for the 10 meter CW station.



Jack (from Aurora, IL) and I (from Ft Wayne, IN) arrived Friday afternoon to help complete the station set-up. After everything was declared 'ready to go', we went to Scott's QTH for a great BBQ dinner and a good night's sleep. With the contest starting at 8 AM, we were up early Saturday morning for the drive back to Bob's QTH.

The 10 meter station at N8NR for W1AW/8 (photo by N8NR)

The 40 meter SSB station ended up with 1223 QSOs. We contribute this to having both a Yagi and a dipole available for the different directions and different propagation conditions. Since the 40 meter SSB station was just to the right of the 10 meter CW station, when I was on the 10 meter CW station I noted that the 40 meter station made a heck of a lot of QSOs with 2-by-3 calls. Hopefully these were many Generals getting a taste of contesting.

The 15 meter CW station made 879 QSOs with some good openings to Southeast Asia and Japan. The band was open to Europe at the start but the good rate didn't start for a couple hours and lasted only a short while. The rate was such that the band map was able to be kept clean most of the day. We were surprised how very strong E21EIC and HSØZEE were both mornings (via Europe) and then late at night (2 AM local) after the band had mostly died. The 15 meter CW station worked 5 WRTCers who were very weak.

The 10 meter CW station ended up making 373 QSOs. In addition to a handful of South Americans, we worked over a dozen Europeans Saturday morning. These weren't just extreme western Europeans, either – PA, DL, and ON showed up in the log. Sunday morning was a total bust on 10 meter CW – not one QSO (thank goodness for PC-generated CQs!). The band was open sporadically Sunday morning but there were no new stations to work. Just like the 10 Meter Contest at solar minimum there were a lot of short bursts of CW, presumably due to meteor scatter.

In summary, the N8NR team had a great time in this year's IARU contest.

W1AW/8 at NØFW (by Pete NØFW)

The highlight was having the 'hired guns' from ND and IN show up. I think they wanted to see what propagation from the East Coast is like at the bottom of the sunspot cycle.

Conditions on 15 meters were decent, but not anywhere near the level of activity that we would have liked. Wayne K8LEE managed to work a few new mults through EU and the I-95 corridor on Sunday morning before the contest ended. It is always fun to pull that off. I think our ops are able to deal with poor propagation better than those on the East Coast.



Five of the W1AW/8 team at NØFW – N9NS, NØFW, K8LEE, KEØA, W8QID (ops not in the picture: K2KW, W8RHM, WA8NJR – photo by NØFW)

160 was rather poor – too late in the season for any real DX like you would have in the CQ 160 – but we managed to work some locals and give them a mult for the test. 80 meters was pretty good with some reasonable EU sigs. Nothing really rare – again – too late in the season. All in all, we had a good time. It would have been nicer to have big pile-ups.

Antennas: 160 meters - ¼-wave vertical; 80 meters - full-size 4-square; 15 meters - 6 element monobander at 90 feet and a Mosley TA-33 for mult-chasing.