



IARU HF Championship

2015 Results

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Disturbed Conditions? No Problem!

Although everyone would love to have excellent propagation for every contest, it doesn't always happen that way. One thing is for sure, with so many hams participating in contests these days, if there is any kind of band opening you are going to hear people eager to fill up their contest logs. The 2015 IARU HF Championship proved to be a mixed bag of propagation. While conditions weren't the greatest (especially during the first half of the contest), they were good enough to keep many folks glued to their radio sets in the popular summer classic with rules that permit everyone to work any station in the world. Over 4200 stations submitted logs.

Here are a few post-contest comments to provide a sense of how the bands were:

"The conditions were errr...challenging." K5TR

"I picked a bad year to go low power...Conditions were really bad here, plus we had bad QRN from thunderstorms in the south. Kudos to those who stayed in the chair for 24 hours. I just couldn't do it!" AA4NC

"Propagation was in short supply... At least here at 60N, no real NA/JA runs were available on 15m/20m/40m, but fortunately the aurora did not close the paths completely." OHØX, operated by OH6KZP



Kim, OH6KZP, has been putting together some very impressive scores from OHØX over the past years. The 2015 IARU contest was no different.

As the comments indicate, conditions were indeed taxing at times but contesters pushed forward and feasted on as many signals as possible.

CQ8Z



World-class contesters N6MJ (left) and KL9A (far right) teamed up for a vacation style expedition to the Azores and operated as CQ8Z from a local communications site. Dan (N6MJ) and Chris (KL9A) were very gracious for the great hospitality from the CU2ARA club. CU2ARA club members pictured in the middle are CS8ABG and CU2CO.

A year after an impressive victory at WRTC 2014 in Boston, N6MJ and KL9A were still enjoying the spoils of victory. The championship win in Boston came with a lot of accolades, including a free trip to the Azores. The talented tandem decided to take advantage of some contesting from the DX side and elected to venture to São Miguel for the IARU contest.

Finding a station took a little bit of time, but in the end the CU2ARA club reached out. Initially the plan was to operate from the club station in town. A trip to the island's main site for general communications, one of the highest points on the island with several towers, one of the most appealing to Chris and Dan despite the lack of antennas. . A wire antenna party ensued and more than 3K QSOs later the contest was history.

Dan and Chris enjoyed high rates with a few simple antennas, rates that included a 300-plus hour on SSB by N6MJ. Both were exceptionally thankful for the opportunity.

Chris had this to offer after the contest:

“The Azores are truly a magical QTH! Such simple (and broken) antennas can make a lot of Q’s from there! Major thanks to: Francisco, CU2DX, for organizing this trip after WRTC 2014 and the CU2ARA club members for their extraordinary hospitality before, during, and after the contest. The Azores are a special place and we will definitely make a point to go back. Not a winning score, but a contest we will remember forever! Thanks to everyone who called in. It is always great working friends from a new location.”



During the later stages of the contests, the CQ8Z team was limited to 20 meters due to technical difficulties. With N6MJ at the rig and capturing rate, KL9A decided to take a stroll outside as the sun was rising. This is the incredible view that greeted him.

World Top Scores

Multi-Operator

Call	Score
CN3A	7,882,401
RM9A	6,569,370
IR4M	5,051,150
HG7T	4,108,962
IR4X	4,095,780
E55G	3,813,040
CQ8Z	3,702,600
HG6N	3,323,408
LY4A	2,981,077
UI9I	2,568,715

The best score in the world for the Multi-Operator Category in 2015 was the group effort of CN3A. The final line of 7.8 million points pushed RM9A (6.5 million) to second and IR4M (5.0 million) to third. While RM9A was strong on the low bands in comparison, the CN3A team was far superior on the high bands.



Roman, URØMC, put together an outstanding 24-hour run to finish first place world as UW2M in the Single Operator, Mixed, High Power class. Roman topped a heavily talented field for the victory.

Single-Operator, Mixed

Roman Tkachenko, URØMC operated as UW2M in the very competitive Single-Operator, Mixed, High Power class and tallied 4.6 million points for the top spot. He was followed by a strong performance from Braco, E77DX, operating at E7DX. Both of these talented ops were slugging it out head-to-head the previous year in WRTC 2014 in Boston. While Braco finished with three more multipliers, Roman grabbed 240 more QSOs to take the win. World-class operator and Bronze medalist at WRTC 2014 Stefan, DL1IAO, who just missed the top ten, noted this about his operation:

“Station setup on Friday made for a relaxed start with plenty of rest. DX signals were weak for the first 6-8 hours, mostly low-point-value EU. Excursions to 40/80m around AS/OC sunrise. Back to 20m with much improved NA signals, yet West Coast remained weak. Really missed a 2nd highband Yagi for AS at that point. Tried 20m SSB two times but could not run any faster than on CW. 40 CW very good to NA later on. On Sunday 15 CW to Asia was the best band/mode combo for a long time, at a modest rate.”

LY9A, who operated as LY5R, just nipped 9A5Y (operated by 9A7DX) for the Single-Op, Mixed, Low Power honors. With a final score of 2.26 million to 2.21 million it came down to strategy. Much like the Single-Operator, Mixed, High Power category, high QSO totals prevailed over higher multiplier totals. Although this time, 9A5Y had considerably more multipliers with a total of 342 compared to 328 of LY9A. However, LY9A’s QSO count of 2,295 was far more than the 1,971 of 9A5Y. HA1WD outscored fellow countryman HG3M (HA3MY) for the best Single-Op, Mixed, QRP score with a final margin of just over 10K points.

Single-Op, Mixed	
<i>High Power</i>	
UW2M (URØMC, op)	4,639,194
E7DX	4,163,187
EF8U (EA8RM, op)	4,134,502
A65BP	3,839,163
CR6K (CT1ILT, op)	3,723,354
UT2G (UT3GF, op)	3,671,954
9A1P (9A1UN, op)	3,626,516
OHØX (OH6KZP, op)	3,574,272
RG6G	3,087,630
RC9O	2,957,556

<i>Low Power</i>	
LY5R (LY9A, op)	2,264,840
9A5Y (9A7DX, op)	2,214,751
LZ8E (LZ2BE, op)	2,064,480
S5ØA	2,046,200
OM3BH	1,985,368
EC2DX	1,876,455
YO3JR	1,762,970
R8CT	1,659,394
KP3Z	1,611,674
LY4L	1,563,176

<i>QRP</i>	
HA1WD	329,340
HG3M (HA3MY, op)	318,980
LY5Q	255,339
LZ5QZ	250,290
DM2DX	198,900
9A2EY	195,450
LY4BF (LY2BBF, op)	105,429
DL6OCH	101,263
I15E (IZ5ZCO, op)	75,537
HA5BA	75,296



Chances are you've logged CR6K (aka CT1ILT) many times in the past. Felipe had a strong finish as CR6K in 2015.

Single-Operator, Phone

In the phone races, HA5NB was the best in QRP for the world with 160K points in disturbed conditions. The Low Power title was earned by HA3DX (1.4 million points) and the High Power crown was won by LX2A who piloted the LX7I station to over 2.7 million points, and HK1T edged out UA7A for second place.

Call	Score
<i>High Power</i>	
LX7I (LX2A, op)	2,739,831
HK1T	2,310,742
UA7A	2,302,500
DJ7WW	1,465,311
EA3CI	1,267,296
K5TR	1,218,315
RT3F (RU3DNN, op)	1,175,174
EW8QQ	1,145,788
A71AM	1,090,824
4U5F (S53T, op)	981,036

<i>Low Power</i>	
HA3DX (HA4XH, op)	1,417,256
E11A (ON4EI, op)	1,188,664
PX5E (PP5JR, op)	1,013,175
UR6EA	1,006,412
VR2XAN	813,873
USØHZ	693,345
EC5NJ	440,804
ER3CT	418,488
IZ5ICH	402,550
HSØZHC	387,448

<i>QRP</i>	
HA5NB	160,547
SP4LVK	110,220
RA4DAR	64,135
SQ8MHI	54,827
MØWLY	51,506
UT1PG	33,570
HB9EGA/P	26,128
SQ9NJE	24,495
PAØAWH	19,018
DL9OHA	13,207



Braco, E77DX, put his powerful signal and intense focus to the test and finished second in the Single Operator, Mixed, High Power class.

Single-Operator, CW

For many, operating CW for 24 hours not only simplifies strategy but also leads to a little more sanity. F4VBT logged a score of 476K for the QRP victory, while 5H3EE made many operators happy with a nice multiplier during his Low Power CW-only winning effort of 1.76 million points. R3ZZ, who finished with just over 3 million points, held off UW1M for the High Power, CW class gold finish.

Call	Score
<i>High Power</i>	
R3ZZ	3,042,248
UW1M	2,871,022
EF2A (EA2OT, op)	2,844,049
OH6LI	2,815,340
S57K	2,318,904
TM2Y (F6BEE, op)	2,272,400
EW2A	1,965,810
UA6CC	1,890,714
4L8A	1,830,612
IO2X (IK2NCJ, op)	1,793,623

<i>Low Power</i>	
5H3EE	1,760,520
UW5Q (UR3QCW, op)	1,644,804
RX9AF	1,202,688
RA9DZ	1,141,336
UT5EO	1,100,988
UA5F	1,075,172
WXØB (AD5Q, op)	934,250
RO5O	874,500
DD5M (DJØZY, op)	821,289
S53V	808,731

<i>QRP</i>	
F5VBT	476,030
LY5G	438,691
HSØZIA	346,484
SDØT (SMØTHU, op)	219,765
UA7G	204,530
K8CN	177,858
RW7F	172,020
OH5YU	147,832
DL5CL	146,015
UY7LM	139,104

SingleOperator Unlimited, Mixed

Many operators had requested a new “assisted” class, in which use of spotting networks is permitted - well, they got it in 2015, including Mixed, CW, and Phone categories with High, Low, and QRP power classes. Over 1100 stations entered as Unlimited. OM5ZW set the pace in the Single-Operator Unlimited Mixed, High Power race with nearly 3.6 million points. The Low Power and QRP titles were won by DL2CC and DK3WE respectively.

Call	Score
<i>High Power</i>	
OM5ZW	3,596,027
IR1G (IZ1LBG, op)	3,255,075
HA6P	2,116,664
OH6MW	2,091,480
RV9UP	2,015,720
RY7Y	1,986,600
N8OO	1,742,196
RM4I (UA4HTT, op)	1,740,290
LY5E (LY2IJ, op)	1,714,020
EV1R	1,665,366
<i>Low Power</i>	
DL2CC	1,821,456
4X6FR	1,611,008
ES7GM	1,471,284
DL8DYL	1,462,680
OM3GI	1,460,340
9A1AA	1,432,585
DJ8OG	1,386,618
YU2A	1,376,000
II9P (IZ8JAI, op)	1,325,352
MD4K (G4XUM, op)	1,199,680
<i>QRP</i>	
DK3WE	730,600
OK7CM	496,128
HA5PP	398,984
IZ8JFL/1	219,825
US2IZ	215,736
DJØMY	213,380
LZ7H	156,442
PA9M	93,934
YU1LM/QRP	91,280
RN1CW	67,860

Single-Operator Unlimited, Phone

RJ4P outran everyone in the Single-Operator Unlimited, Phone, High Power section. YV1KK took the Low Power honors, and R2AD was tops in QRP.

Call	Score
<i>High Power</i>	
RJ4P	2,239,812
IZ8EPX	1,819,692
IKØPHY	1,530,207
EC5AN	1,517,520
IK8NWK	1,438,680
EF1W (EA1WS, op)	1,210,484
YP7P (YO7LFV, op)	1,144,703
IK2YCW	857,942
IB1B (IW1QN, op)	834,244
YN5Z (K7ZO, op)	798,741

<i>Low Power</i>	
YV1KK	1,467,612
RA3Y	852,250
G3VAO	551,551
UT8EL	466,488
EC7WR	465,716
RA9AU	378,870
IR9Z (IT9VCE, op)	294,345
RX1CQ	286,286
HI8JSG	201,710
HZ1TL	200,335

<i>QRP</i>	
R2AD	191,684
S54MTB	11,952
LW5DW	8,178
IZØFUW	5,624
TA3EL	3,500

Single-Operator Unlimited, CW

SN7Q keyed his way to victory in the Single-Operator Unlimited, CW, High Power section, LZ9R (LZ3YY, op) won Low Power and OK2FD topped the QRPers.

Call	Score
<i>High Power</i>	
SN7Q	3,823,176
UA4W	3,761,240
HA3NU	3,423,420
RT9A	3,338,996
OH1F (OH1TM, op)	2,468,934
PJ2T (K8ND, op)	2,425,823
HG8R (HA8JV, op)	2,323,390
OQ5M (ON5ZO, op)	2,305,852
RL5A	2,235,435
RU6K	2,088,346

<i>Low Power</i>	
LZ9R (LZ3YY, op)	1,689,800
UT4LW	1,487,124
YO5LD	1,455,156
S56A	1,204,496
SP3HRN	1,065,120
DR5X (DL9EE, op)	1,033,344
SN7O (SP7IVO, op)	940,324
DLØUM (DL7FER, op)	856,494
UA3MIF	838,112
LY2AJ	789,757

<i>QRP</i>	
OK2FD	543,582
F/E72T	388,773
UX5UU	89,378
US5EFU	79,478
RA3AN	68,808
LZ2TU	30,525
HA3OU/QRP	21,060
HA7MW	10,707
WA8HSB	7,733
K4AQ	7,420



Scott, K7ZO, has operated in several contests of late from YN. For the 2015 IARU contest, Scott was back and tallied an impressive score with low antennas and 500 watts on SSB as YN5Z.

Tight W/VE Races

During a 24-hour event, it might be easy to assume that a break here or there from operating really won't make that much difference in score. While that may often be the case, it certainly was not for the Single Operator, Mixed, Low Power battle in the United States. Before log checking, N4YDU, who operated as NR3X from the N3ND station in North Carolina, was clinging to a slim lead of 0.62% against low power contesting powerhouse N5AW in Texas. After log adjudication, Marv's log proved to be cleaner and it ultimately led to Marv finishing in first. In post-contest commentary on the 3830 website, Marv said, *"Wow - close! About 5 Q's or 2 mults separating NR3X (N4YDU) and me."*

The log adjudication process reduced Nate's score by 5.6% while Marv's dropped just 3.3%. Also making the top five in the popular Single-Op, Mixed, Low Power, category and were VE9AA, AD4Z and WA1Z.



Jeff, VY2ZM, once again activated his impressive Prince Edward Island QTH and pocketed a strong victory in the Single Operator, Mixed, High Power class.

Contest stalwarts VY2ZM, K5ZD and K1LZ had quite the battle in the Single-Operator, High Power, Mixed class. In the end, it was Jeff, VY2ZM, and his very well engineered Prince Edward Island station taking the top spot with 2.53 million points. Randy, who operated as WR1TC, was second overall and first in the U.S. with 2.38 million points. Although Randy put in a fantastic score, the operation had a little extra meaning. Randy said:

"This operation was to celebrate the one year anniversary of WRTC2014 in New England. Wanted to give all of the participants a memory,"

K1LZ was third with 2.2 million and not far behind were N2NT and VE3AT who operated as CK3AT.

Many contesters prefer CW, thus making the CW-only class not only popular but very competitive. The 2015 running of the IARU HF Championship was no different. Greg, W1KM, navigated his Cape Cod station to the top spot in the high power battle with 1.786 million points, followed closely by the strong performance of K1ZZ who operated as K1ZD and tallied 1.753 million points. A good or bad decision here or there can mean the difference between winning and losing in a close contest. Completing the top five in the CW high power race were WC1M, AA3B and N4AF who operated as NY4A.



Greg, W1KM, used his wonderful Cape Cod QTH and strong antennas to finish first place W/VE for CW only, high power.

For those who enjoy the thrill of gathering as many mults and Qs as possible, assistance is the logical route to take. These competitors got a chance to enter as single operators in the newly formed Single-Operator Unlimited category. Taking top honors in the Single-Operator Unlimited, Mixed, High Power division for W/VE was N8OO. The Low Power title went to AA4NC and N1CC snatched the top score for QRP.

For the Single-Op Unlimited, Phone class, W3LL outscored all running high power and KA2KON was the best for low power stations. For CW only, K9CT piloted his fantastic station to first place in the high power arena, N5DO was first in low power, and WA8HSB was top QRP finisher.

The crew at KD4D cruised to the Multi-operator win – tallying 2.48 million points. The group at VE3UTT was second for W/VE with 1.92 million points.

USA/Canada Top Ten Scores by Category

Single-Operator, Mixed	
Call	Score
<i>High Power</i>	
VY2ZM	2,536,404
WR1TC (K5ZD, op)	2,388,750
K1LZ	2,201,280
N2NT	2,047,455
CK3AT (VE3AT, op)	2,032,604
K6XX	1,664,278
N9RV	1,652,974
NQ4I (VE7ZO, op)	1,444,592
K5WA	1,380,064
N1RR (@K6ND)	1,373,535
<i>Low Power</i>	
N5AW	1,029,710
NR3X (N4YDU, op)	1,010,412
VE9AA	941,068
AD4Z	939,159
WA1Z	900,705
NA8V	784,900
W1UE	763,059
N4TZ	528,000
KØAD	406,844
N4XL	339,112
<i>QRP</i>	
KA7T	36,800
KU4A	11,424
K2GMY	9,690
W1TEF/4	8,514
AF9J	1,767

Single-Operator, Phone	
Call	Score
<i>High Power</i>	
K5TR	1,218,315
K3PA	477,984
AD5XD	292,790
NR6Q	278,096
N2QV	236,026
KE8FT	212,256
K5ER	177,000
W6AFA	148,584
KB8O	130,005
N4MM	124,122
<i>Low Power</i>	
ND4Y	144,399
VE1WOW	109,599
K5DHY	96,516
K6GHA	77,714
N7MZW	60,588
KB8UUZ	59,072
KEØL	50,996
VA3TPS	50,490
KB1RWI	48,900
VE3KTB	47,790
<i>QRP</i>	
N4ZAK	5,960
WBØIWG	1,404
N9NBC	1,216
KC9AMM	728
AB3RW	528
VE5DLD	476
KK7VL	68
AA9DY	27
K9JK	21

Single-Operator, CW	
Call	Score
<i>High Power</i>	
W1KM	1,786,320
K1ZD (K1ZZ, op)	1,753,342
WC1M	1,565,312
AA3B	1,508,320
NY4A (N4AF, op)	1,424,906
W9RE	1,318,563
WØUA	1,257,120
K9NW	1,176,960
K5YAA	1,111,176
AB3CX	982,020
<i>Low Power</i>	
WXØB (AD5Q, op)	934,250
W1NN	627,443
W6YX (N7MH, op)	602,984
W7YAQ	530,025
W1UJ	506,920
K1IMI	470,276
WA4PSC	410,130
WB4TDH	393,821
WJ9B	337,870
NB1N	328,280
<i>QRP</i>	
K8CN	177,858
W7FB	119,883
WDØT	99,353
K3TW	70,599
K4MF	59,892
KB8V	31,270
AA1CA	22,857
WØPV	15,162
KEØG	12,924
WI2E	12,852

Single-Op Unlimited, Mixed	
Call	Score
<i>High Power</i>	
N8OO	1,742,196
VA2EW	1,623,250
N4UU	1,091,643
K3MD	793,224
K3WW	778,473
K3EST	615,462
K1AR	605,976
WO4O	604,132
VE3CX	603,480
W1GD	569,543
<i>Low Power</i>	
AA4NC	722,042
K9OM	663,400
NE9U	343,200
K8GT	157,878
K9WX	114,570
WD8S	68,475
W2AW (N2GM, op)	41,265
W1WB	37,392
N8FYL	35,475
N1DBL	18,865
<i>QRP</i>	
N1CC	56,620
N4HH	3,753

Single-Op Unlimited, Phone	
Call	Score
<i>High Power</i>	
W3LL	640,989
K5LLA	258,515
N4LA	133,224
W5GFI	104,442
AJ4A	95,608
W9ILY	90,168
NK7U (K7MK, op)	54,128
N2GZ	43,068
N2LEE	24,840
K1MO	22,557
<i>Low Power</i>	
KA2KON	61,272
AB5NX	39,652
WT1A	37,497
KCØMCK	37,400
AB1J	32,636
AG6AN	23,064
N3YUG	15,680
N3VN	12,032
KK4BKD	11,160
VE3JSO	11,025
<i>QRP</i>	
No Entries	

Single-Op Unlimited, CW	
Call	Score
<i>High Power</i>	
K9CT	1,542,840
K5KG	1,296,126
N4ZZ	1,126,089
N4BP	1,057,689
N7AT (K8IA, op)	1,047,480
K1MK @K1TTT	1,023,776
N3RS	962,736
K6LL	739,735
N1LN	492,250
K2MK	482,030
<i>Low Power</i>	
N5DO	569,490
WD4AHZ	431,604
W3KB	362,880
WA1FCN	360,220
K1LT	188,600
WK4AA	187,600
VE3IAE	164,640
KM1X	159,900
VE3MGY	148,995
K6WSC	133,416
<i>QRP</i>	
WA8HSB	7,733
K4AQ	7,420
K9JWV	5,346
AI4SV	4,152
K2AL	3,630
WO7R	2,058
WØGJ	1,548
WB2ART	120
NA1DX (NA3DX, op)	72

Multi-operator	
Call	Score
KD4D	2,484,720
VE3UTT	1,923,105
VE3MIS	1,227,876
N6DZ	1,146,600
KØBJ	956,535
AA4HP	865,904
KD2RD	859,280
K9ZO	763,560
VE2BWL	743,360
N2GC	640,578

Other Parts of the World

It can be difficult to compete for a world title from many parts of the world, but that does not mean there is not any fun to be had. Many operators from the Pacific and South America sat in the chair for many hours to hand some valuable points and multipliers. Of note, N2NL powered KH7XX to a total of 2.5 million in the mixed, high power class and LZ4AX handed out more than 1,000 QSOs from 3W3XX.



Dave, N2NL, who currently resides in Hawaii, is a strong force from the Pacific Region and set the pace from that part of the world as a SOMIXED entry as KH7XX. (K5KG photo)

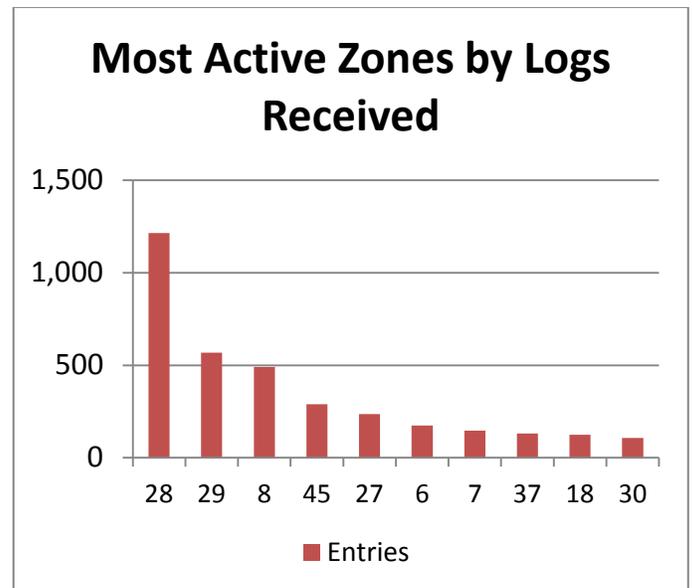
While conditions were challenging from KH6, N2NL noted:

“Very interesting TEP conditions on 10m during the day. VK/ZL was very loud here, but I was also able to hear several JA/UAØ/SE Asian stations when beaming into the TEP layer. Signals disappeared when I started turning toward direct path. For the JAs and UAØs this was a 90 degree heading skew.”

The contesting contingent from Japan was well represented as always. The best overall score from a single operator in Japan was led by JH5GHM who operated as JH1GBZ with 1.2 million points in the Single Operator, Mixed High Power class. VK2IM represented Australia very well with more than 1,200 contacts, while New Zealand was radioactive with five logs submitted. In addition, the Middle East, which continues to see an increase in activity in many contests, was well represented - especially with a strong performance from A65BP with nearly 3K QSOs and 3.8 million points.

Most Active Zones

This contest is extremely popular in Europe, with four mostly-European zones (27, 28, 29, and 37) accounting for over half the logs received. The U.S. (Zones 6, 7, & 8) delivered about 20% of the entries, while Zone 45 (which includes Japan) produced about 7% of the entries.



Mike, VE9AA, enjoyed a great contest with his modest station from northeastern Canada.

Headquarters Station Competition

Headquarters station DAØHQ, DARC Central, tallied the most Qs of any operation with 19,969. To put the total in perspective, it was 2,800 more than any other HQ station. DAØHQ had more than 1,700 contacts on Top Band and pocketed an additional 3K on 80 meters. Low band totals like that are impressive at any point in the year, much less the noisy summertime conditions. DAØHQ was first in Qs on four of the six bands used for the contest. C4HQ, overall HQ winner, was tops on 20 and 15 meters. Thanks to the World Wide Radio Operators Foundation (www.wwrof.org) for adjudicating the HQ station scores.

CALL	SCORE	QSO	MULTS
C4HQ	37,160,322	15,263	526
TMØHQ	28,806,855	16,149	539
EF4HQ	26,427,204	15,220	521
R3HQ	25,601,364	14,826	543
DAØHQ	24,503,952	19,969	528
OL5HQ	22,788,415	14,995	533
EM5HQ	22,141,688	13,850	508
9AØHQ	21,303,864	14,008	522
YTØHQ	21,197,274	14,117	526
SNØHQ	21,190,144	16,119	512
S5ØHQ	19,981,116	12,888	522
ZWØHQ	18,519,688	8,622	458
GR2HQ	17,132,625	11,263	485
YRØHQ	16,853,365	12,301	505
LZ7HQ	15,880,984	11,851	488
HGØHQ	15,065,736	11,042	483
IIØHQ	13,536,731	11,857	463
V55HQ	13,514,529	7,151	399
OEØHQ	13,303,421	10,517	449
OZ1HQ	13,205,192	9,042	442
LYØHQ	12,591,543	9,401	447
YL4HQ	11,256,176	8,101	464
E7HQ	10,917,312	8,873	448
HB9HQ	10,634,494	9,236	431
OPØHQ	9,504,168	6,950	428
LU4AA	9,429,840	5,626	360
Z3ØHQ	8,337,000	8,126	397
8NxHQ	7,356,800	8,667	352
BxHQ	6,691,268	5,190	323
SXØHQ	6,414,000	7,129	400
LN2HQ	5,840,164	5,701	331
W1AW/5	5,501,082	5,947	318
OH2HQ	5,497,604	4,948	343
SJ8HQ	5,221,107	5,047	333
PA6HQ	4,565,000	4,424	332
CR5HQ	4,424,967	4,025	339
P4ØHQ	4,160,317	3,433	259
CX1AA	3,639,912	2,769	296
DXØHQ	3,059,000	2,644	250
ER7HQ	2,735,391	3,089	339
EIØHQ	2,595,476	2,913	284
AT15ØHQ	2,576,826	2,505	238
TC3HQ	2,379,000	2,583	200

T4ØHQ	2,040,581	2,913	211
9K9HQ	1,911,477	2,363	173
YV5AJ	1,766,520	1,836	210
OY6A	1,253,772	2,436	171
9Y4HQ	1,173,340	1,332	203
NU1AW/7	1,016,429	2,313	131
A62HQ	964,761	1,437	147
ZS9HQ	963,692	1,228	178
HD2A	873,988	1,252	151
HBØHQ	869,616	1,454	183
XE1LM	689,760	1,476	144
HSØAC	680,483	1,185	149
OA4O	489,872	810	136
A71HQ	456,302	687	154
UN1HQ (UN9LG, op)	335,520	840	90
ZF1A	288,990	1,011	90
ZL6HQ	250,740	542	105
VK1ØØANZAC	80,734	275	74
BXØHQ	53,907	335	51
VR2HK	22,450	151	50
4VØHQ	20,608	200	32
VE5RAC	16,884	161	36
HI8RCD (HI8KW, op)	16,677	103	51
HL6ØHQ	5,400	206	9
HR2HQ (HR2RP, op)	180	10	10

Note: "8NxHQ" = 8N1HQ + 8N3HQ + 8N4HQ + 8N8HQ and "BxHQ" = B1HQ + B4HQ + B5HQ + B7HQ

Many of the IARU member-societies use this contest to stimulate activity in their country by encouraging their members to get on the air and work their local HQ station (and other stations, of course).

W1AW/5, operating from New Mexico, made 73% of their QSOs with other USA stations. Most of the HQ stations made the largest percentage of their contacts with Americans. Two notable exceptions: DAØHQ made 40% of their QSOs with German stations...almost 8000 of their nearly 20,000 contacts; and SNØHQ managed to stir up a lot of activity in Poland, with 22% of their QSOs coming from their countrymen (compared with 13% from Stateside). The Russian Amateur Radio Union or *Soyuz Radiolyubitelei Rossii (SRR)* station, R3HQ, collected 14% of their contacts from Russians (including both European and Asiatic areas). IIØHQ filled 11% of their log with Italians (plus 13% from Germany and 11% from the U.S.) while TMØHQ garnered 10% of their QSOs with other French stations (in addition to 20% from the U.S. and 12% from Germany).

IARU Administrative Council Stations

Members of the IARU Administrative Council and Regional Executive Committees are given multiplier status in this event. Running as an AC or R1/2/3 station provides a unique opportunity to spend the contest handing out a needed multiplier that isn't always easy to find. Leading the pace in 2015 was the effort of G3BJ with 2.6 million points and 9K2RR with 2.3 million points from Region 1. Region 2 was paced by the efforts of PT2ADM with nearly 284K points, while YBØAZ was strong from Region 3 with 399K points.

Category	Call	Score
AC	G3BJ	2,659,436
AC	VE69ØIARU	627,707
AC	LA2RR	168
R1	9K2RR	2,301,471
R1	EI3IO	123,950
R1	HB9FPM	49,573
R1	OZ7IS/M	34,560

R2	PT2ADM	284,874
R2	XE1KK	159,840

R3	YBØAZ	399,042
R3	JA1CJP	58,117

Golden Logs and Accuracy

The more QSOs a station makes, the less likely the log is perfect. It's not an easy task to put together a "golden log" of any size but it can be done. LY3CY had the most QSOs of anyone who submitted a perfect log for 2015 with 668. He did so on in the Single-Operator Unlimited, Mixed class, which makes his accomplishment even more impressive. Copying information on both CW and SSB presents challenges and operating with assistance creates even more potential logging obstacles. Clicking on spots requires extra attention to detail – if you simply click and log without listening to the call, which is often the temptation to speed up the process, it can easily lead to an error in the log. Also of note in the Golden Log arena were the 405 QSO effort of OM8ON and 353 error-free contacts by K6LRN.

Log accuracy is essential in close races and can often be the difference between winning and losing. An Accuracy Index has been created that factors in both accuracy and number of contacts made. See the table to view the stations that set the pace in terms of this index. Of note, OH6KZP was the best in the Single Operator race and was closely followed by Single Operator Mixed-mode overall winner URØMC. OH6KZP (3,092 QSOs) and

fellow countryman OH6LI (2,522 QSOs) had outstanding error rates of 0.6% and 0.7% respectively. The team at CN3A set the pace in terms of accuracy index in the multi-op race and also finished first in the world in terms of points.

Top Ten Accuracy Index Scores by Category

Call	Category	QSOs	Error %	Index
<i>Single-Op Unlimited</i>				
UA4W	SOUCW	2848	1	13.35454
OM5ZW	SOU MIX	2701	1.6	13.27152
OH1F (OH1TM, op)	SOUCW	2138	0.8	13.25001
OQ5M (ON5ZO, op)	SOUCW	2093	1	13.22077
SN7Q	SOUCW	2643	2.1	13.2121
HG8R (HA8JV, op)	SOUCW	2003	0.9	13.21168
OH6MW	SOU MIX	1944	0.8	13.2087
LZ9R (LZ3YY, op)	SOUCW	1718	0.4	13.19502
HA3NU	SOUCW	2404	1.9	13.19093
IR1G (IZ1LBG, op)	SOU MIX	2293	1.7	13.1904
<i>Single-Op</i>				
OHØX (OH6KZP, op)	SOMIX	3092	0.6	13.43024
UW2M (URØMC, op)	SOMIX	3521	1.3	13.41667
OH6LI	SOCW	2522	0.7	13.33175
RG6G	SOMIX	2917	1.4	13.32494
YT5A (YT3W, op)	SOMIX	2629	1.1	13.30979
E7DX (E77DX, op)	SOMIX	3281	2.1	13.30601
SK3W (SM5AJV, op)	SOMIX	2531	1	13.30329
DL1IAO	SOMIX	2563	1.3	13.27875
4O3A (9A3A/E73A, op)	SOMIX	2808	1.7	13.2784
CR6K (CT1ILT, op)	SOMIX	2748	1.7	13.26902
<i>Multi-Op</i>				
CN3A	MO	4395	1.7	13.47296
RM9A	MO	3616	1.5	13.40823
IR4M	MO	3486	2.1	13.33233
ES5G	MO	3128	2	13.29527
IR4X	MO	3068	2	13.28686
LY4A	MO	2977	1.9	13.28378
HG6N	MO	2605	1.5	13.26581
CQ8Z	MO	3112	2.3	13.26304
HG7T	MO	2648	2.2	13.20292
UI9I	MO	2313	1.8	13.18418
<i>Headquarters</i>				
DAØHQ	HQ	19969	0.6	14.24036
TMØHQ	HQ	16149	0.9	14.11815
C4HQ	HQ	15263	1	14.08364
EF4HQ	HQ	15220	1.2	14.06241
SNØHQ	HQ	16119	1.5	14.05734
OL5HQ	HQ	14995	1.2	14.05595
YTØHQ	HQ	14117	1.1	14.03974
R3HQ	HQ	14826	1.4	14.03102
9AØHQ	HQ	14008	1.6	13.98638
S5ØHQ	HQ	12888	1.3	13.98019

NOTE: Index=log(QSOs)+10 * (1 - Error in%/100)

Records

There was only one category with a new record this year: Headquarters. C4HQ led all HQ stations with 37.1 million points, setting a new goal for all HQ stations to aspire. Stavros, 5B4AFM, said this of the fantastic effort:

“We had a great bunch of operators on the team that were all ready to go the extra mile to make this event a success, not only as a contest entry but also as a means to promote amateur radio in Cyprus and stimulate local HF activity.”

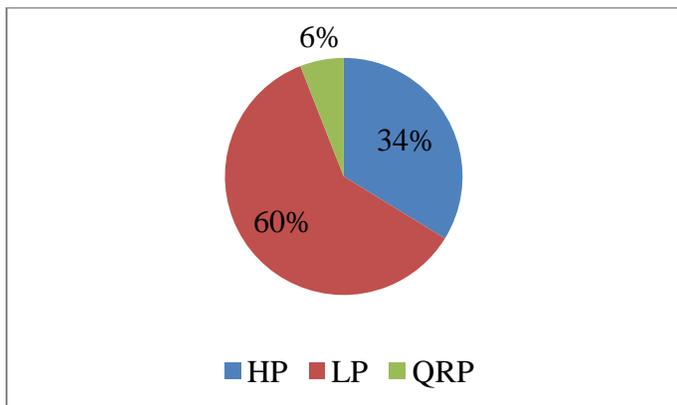
Since the Single-Operator, Unlimited class was added in 2015, including all power levels and modes, the stations winning those categories this year have set new records. Setting the pace with the highest Unlimited score for 2015 was SN7Q in the High Power CW only category with 3.82 million points. Not far behind, also CW only, were UA4W with 3.76 million points and HA3NU with 3.4 million points.

Mults and Qs

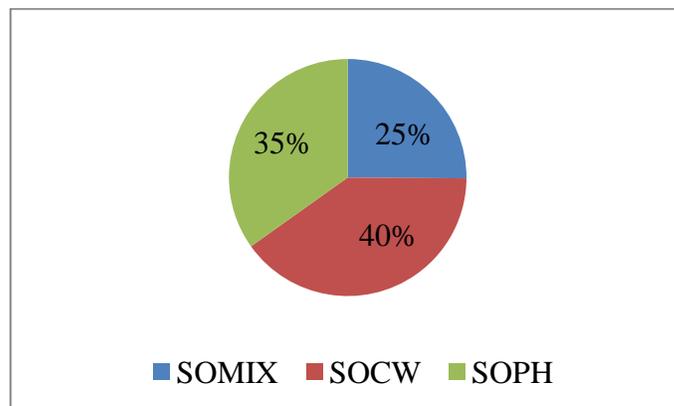
The HQ stations always rack up huge QSO counts on many bands. Superstations with operators dedicated to one band and mode for 24 hours produce incredible statistics. However, other incredible numbers can be amassed by talented individuals. The highest single operator QSO total was made by UW2M but the highest multiplier total unassisted was not made by an eventual winner. With an impressive tally of 407 mults, UT2G was the only Single-op to pocket more than 400 mults. He was sixth overall in the Single-Operator, Mixed, High Power category. For overall mults for single ops, IR1G tallied 425 in the newly created Unlimited category.

Entries by Mode & Power

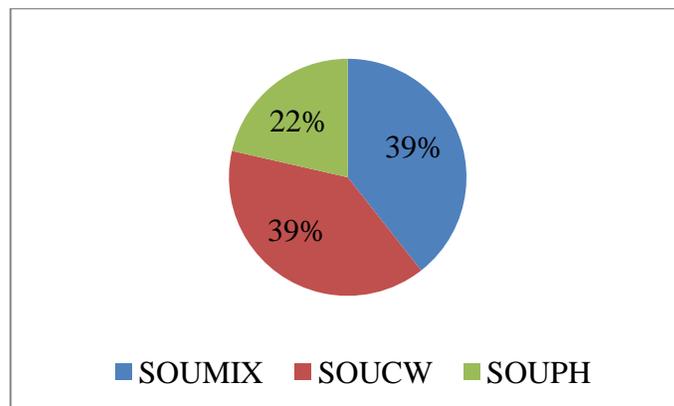
Of the 4200+ entries in the contest, about 60% were in the Low Power categories, with 34% High Power and 6% QRP.



The Single-Operator category was split among modes, with 40% entering CW-only, 35% Phone-only, and 25% Mixed.



Interestingly, the picture is different in the Single-Operator Unlimited category. Here, Phone-only is the smallest segment, with only 22% of the entries, while CW and Mixed are equal at 39%. Why is Mixed so much more popular among the Unlimited operators?



2016

It is not too late to start planning for the 2016 IARU HF Championship. While the current cycle is starting to fade away, that doesn't mean that there is no fun to be found during a contest. The 2016 event is scheduled for July 9th. As always, the contest begins at 12Z and runs for 24 hours. Keep in mind that activity will be high, especially considering the event is a WRTC 2018 qualifying event. For more information related to WRTC 2018, visit <http://www.wrtc2018.de>.

Regional Leaders

SOQRP/LP/HP = Single-Op All-Band; SOULP/HP = Single-Op Unlimited

Northeast Region			Southeast Region			Central Region		
New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections			Delta, Roanoke and Southeastern Divisions			Central and Great Lakes Divisions; Ontario Section		
Call	Score	Category	Call	Score	Category	Call	Score	Category
W1KM	1,786,320	SOCWHP	NY4A (N4AF, op)	1,424,906	SOCWHP	W9RE	1,318,563	SOCWHP
K1ZD (K1ZZ, op)	1,753,342	SOCWHP	KØEJ	886,833	SOCWHP	K9NW	1,176,960	SOCWHP
WC1M	1,565,312	SOCWHP	K4RO	826,246	SOCWHP	K8GL	385,236	SOCWHP
W1UJ	506,920	SOCWLP	WA4PSC	410,130	SOCWLP	W1NN	627,443	SOCWLP
K1IMI	470,276	SOCWLP	WB4TDH	393,821	SOCWLP	VE3XB	324,311	SOCWLP
NB1N	328,280	SOCWLP	K4SXT	245,280	SOCWLP	N8VW	125,265	SOCWLP
K8CN	177,858	SOCWQRP	K3TW	70,599	SOCWQRP	AI9K	12,584	SOCWQRP
AA1CA	22,857	SOCWQRP	K4MF	59,892	SOCWQRP	VE3XD	9,856	SOCWQRP
WI2E	12,852	SOCWQRP	KB8V	31,270	SOCWQRP	VA3PCJ	9,664	SOCWQRP
VY2ZM	2,536,404	SOMixHP	NQ4I (VE7ZO, op)	1,444,592	SOMixHP	CK3AT (VE3AT, op)	2,032,604	SOMixHP
WR1TC (K5ZD, op)	2,388,750	SOMixHP	K4AB	1,226,946	SOMixHP	KG9N	23,276	SOMixHP
K1LZ	2,201,280	SOMixHP	K4BAI	903,807	SOMixHP	NJ9T	5,348	SOMixHP
VE9AA	941,068	SOMixLP	NR3X (N4YDU, op)	1,010,412	SOMixLP	NA8V	784,900	SOMixLP
WA1Z	900,705	SOMixLP	AD4Z	939,159	SOMixLP	N4TZ	528,000	SOMixLP
W1UE	763,059	SOMixLP	N4XL	339,112	SOMixLP	VE3BR	259,260	SOMixLP
			W1TEF/4	8,514	SOMixQRP	KU4A	11,424	SOMixQRP
						AF9J	1,767	SOMixQRP
N2QV	236,026	SOPHHP	N4MM	124,122	SOPHHP	KE8FT	212,256	SOPHHP
K2JMY	67,251	SOPHHP	AB4EJ	103,836	SOPHHP	KB8O	130,005	SOPHHP
N2MUN	47,188	SOPHHP	NJ2F	82,336	SOPHHP	VA3ZNQ	73,605	SOPHHP
VE1WOW	109,599	SOPHLP	NT4Z	27,135	SOPHLP	ND4Y	144,399	SOPHLP
KB1RWI	48,900	SOPHLP	WA4JA	26,832	SOPHLP	KB8UUZ	59,072	SOPHLP
VE9ZZ	37,222	SOPHLP	NW4KU	26,752	SOPHLP	KEØL	50,996	SOPHLP
AB3RW	528	SOPHQRP	N4ZAK	5,960	SOPHQRP	N9NBC	1,216	SOPHQRP
AA9DY	27	SOPHQRP				KC9AMM	728	SOPHQRP
K1MK @K1TTT	1,023,776	SOPHQRP				K9JK	21	SOPHQRP
N3RS	962,736	SOUCWHP	K5KG	1,296,126	SOUCWHP	K9CT	1,542,840	SOUCWHP
K2MK	482,030	SOUCWHP	N4ZZ	1,126,089	SOUCWHP	N4QS	140,595	SOUCWHP
W3KB	362,880	SOUCWLP	N4BP	1,057,689	SOUCWHP	K3WA	90,954	SOUCWHP
KM1X	159,900	SOUCWLP	WD4AHZ	431,604	SOUCWLP	K1LT	188,600	SOUCWLP
K2DSL	90,986	SOUCWLP	WA1FCN	360,220	SOUCWLP	WK4AA	187,600	SOUCWLP
K2AL	3,630	SOUCWQRP	W3CL	95,445	SOUCWLP	VE3IAE	164,640	SOUCWLP
WB2ART	120	SOUCWQRP	WA8HSB	7,733	SOUCWLQRP			
NA1DX (NA3DX, op)	72	SOUCWQRP	K4AQ	7,420	SOUCWLQRP			
			AI4SV	4,152	SOUCWLQRP			
VA2EW	1,623,250	SOMixHP	N8OO	1,742,196	SOMixHP	VE3CX	603,480	SOMixHP
K3MD	793,224	SOMixHP	N4UU	1,091,643	SOMixHP	N2BJ	213,885	SOMixHP
K3WW	778,473	SOMixHP	WO4O	604,132	SOMixHP	W9AV	162,288	SOMixHP
W2AW (N2GM, op)	41,265	SOMixLP	AA4NC	722,042	SOMixLP	K9OM	663,400	SOMixLP
W1WBB	37,392	SOMixLP	KK4R	12,474	SOMixLP	NE9U	343,200	SOMixLP
N1DBL	18,865	SOMixLP	WU2T	3,973	SOMixLP	K8GT	157,878	SOMixLP
			N4HH	3,753	SOMixQRP			
W3LL	640,989	SOUPHHP	N4LA	133,224	SOUPHHP	AJ4A	95,608	SOUPHHP
N2GZ	43,068	SOUPHHP	N2LEE	24,840	SOUPHHP	W9ILY	90,168	SOUPHHP
K1MO	22,557	SOUPHHP	KE4YOG	15,478	SOUPHHP	NA9RB	20,519	SOUPHHP
KA2KON	61,272	SOUPHLP	KCØMCK	37,400	SOUPHLP	KK4BKD	11,160	SOUPHLP
WT1A	37,497	SOUPHLP	KJ4VTH	8,775	SOUPHLP	VE3JSO	11,025	SOUPHLP
AB1J	32,636	SOUPHLP	AA5BE	3,648	SOUPHLP	N9VPV	2,912	SOUPHLP
KD4D	2,484,720	Multiop	AA4HP	865,904	Multiop	VE3UTT	1,923,105	Multiop
KD2RD	859,280	Multiop	KC4D	545,413	Multiop	VE3MIS	1,227,876	Multiop
VE2BWL	743,360	Multiop	NK9N	430,172	Multiop	K9ZO	763,560	Multiop

Regional Leaders					
SOQRP/LP/HP = Single-Op All-Band; SOULP/HP = Single-Op Unlimited					
Midwest Region			West Coast Region		
Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections			Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections		
Call	Score	Category	Call	Score	Category
WØUA	1,257,120	SOCWHP	K6NA	959,850	SOCWHP
K5YAA	1,111,176	SOCWHP	N5ZO	875,824	SOCWHP
N3BB	301,440	SOCWHP	K6NR	506,574	SOCWHP
WXØB (AD5Q, op)	934,250	SOCWLP	W6YX (N7MH, op)	602,984	SOCWLP
W5RYA	230,317	SOCWLP	W7YAQ	530,025	SOCWLP
KØAV	141,960	SOCWLP	WJ9B	337,870	SOCWLP
W7FB	119,883	SOCWQRP	N7IR	5,516	SOCWQRP
WDØT	99,353	SOCWQRP	N7RCS	2,268	SOCWQRP
KEØG	12,924	SOCWQRP	AB7MP	583	SOCWQRP
K5WA	1,380,064	SOMixHP	K6XX	1,664,278	SOMixHP
K5CM (W5CW, op)	361,725	SOMixHP	N9RV	1,652,974	SOMixHP
KØ7X	222,261	SOMixHP	K7RL	1,214,939	SOMixHP
N5AW	1,029,710	SOMixLP	VE6EX	176,337	SOMixLP
KØAD	406,844	SOMixLP	WA5TVO	85,050	SOMixLP
VE4YU	143,832	SOMixLP	K7PGL	32,886	SOMixLP
			KA7T	36,800	SOMixQRP
			K2GMY	9,690	SOMixQRP
K5TR	1,218,315	SOPHHP	NR6Q	278,096	SOPHHP
K3PA	477,984	SOPHHP	W6AFA	148,584	SOPHHP
AD5XD	292,790	SOPHHP	W7PU	15,631	SOPHHP
K5DHY	96,516	SOPHLP	K6GHA	77,714	SOPHLP
N7MZW	60,588	SOPHLP	N3XRU	37,522	SOPHLP
WA5IYX	20,520	SOPHLP	W7OID	31,212	SOPHLP
WBØIWG	1,404	SOPHQRP	KK7VL	68	SOPHQRP
VE5DL	476	SOPHQRP			
N5JR	424,080	SOUCWHP	N7AT (K8IA, op)	1,047,480	SOUCWHP
K2DSW	291,060	SOUCWHP	K6LL	739,735	SOUCWHP
WØLFA (AA7XT, op)	185,136	SOUCWHP	KU1CW	476,858	SOUCWHP
N5DO	569,490	SOUCWLP	K6WSC	133,416	SOUCWLP
K5NZ	108,480	SOUCWLP	KØMP	86,880	SOUCWLP
KØRI	103,550	SOUCWLP	VE7KW	63,555	SOUCWLP
K9JWV	5,346	SOUCWQRP	WØ7R	2,058	SOUCWQRP
WØGJ	1,548	SOUCWQRP			
K5NA	479,747	SOUmixHP	K3EST	615,462	SOUmixHP
KØKX	280,449	SOUmixHP	KA6BIM	480,480	SOUmixHP
KEØUI	194,292	SOUmixHP	VE7ACN	195,160	SOUmixHP
			K6JEB	17,244	SOUmixLP
			VE6AX	14,520	SOUmixLP
			W6JBR	12,672	SOUmixLP
N1CC	56,620	SOUmixQRP			
K5LLA	258,515	SOUPHHP	NK7U (K7MK, op)	54,128	SOUPHHP
W5GFI	104,442	SOUPHHP	WR5G	11,890	SOUPHHP
KØYB	1,620	SOUPHHP	KE7SW	2,200	SOUPHHP
AB5NX	39,652	SOUPHLP	AG6AN	23,064	SOUPHLP
KF5GTX	2,760	SOUPHLP	W7MCP	7,449	SOUPHLP
KØAP	1,742	SOUPHLP	WA7YXY	2,242	SOUPHLP
KØBJ	956,535	Multiop	N6DZ	1,146,600	Multiop
KDØWAK	393,210	Multiop	NX6T	578,664	Multiop
WR5O	231,516	Multiop	N7BV	366,177	Multiop

Division Leaders

Category Power		Atlantic	Canada	Central	Dakota	Delta	Great Lakes	Hudson	Midwest
SO CW	HP	AA3B	VO1MP	W9RE	KØJJR	KØEJ	K8GL	N2ED	ABØS
SO CW	LP	N8NA	VE3XB	K9QVB/9	KØMPH	N8FF	W1NN	W2CVW	KØIO
SO CW	QRP	WI2E	VE3XD	AI9K	WDØT	W4UT	AC8AP		W7FB
SO Mixed	HP	K3ZO	VY2ZM	KG9N		K5ACO	NC9W	N2NT	
SO Mixed	LP	N2EM	VE9AA	N4TZ	KØAD	K3IE	NA8V	WA2JQK	WØYJT
SO Mixed	QRP			AF9J			KU4A		
SO PH	HP	K3VED	VA3ZMQ	K9AMP	NØMHL	K5ER	KE8FT	N2QV	K3PA
SO PH	LP	K3CWF	VE1WOW	KEØL	KBØPPA	WA4JA	ND4Y	K52G	W7KAM
SO PH	QRP	AB3RW	VE5DLD	N9NBC	WBØIWG				
SOU Mixed	HP	K3MD	VA2EW	N2BJ	KØKX	N8OO	K8BZ	W2IRT	
SOU Mixed	LP	N3WMC	VE9OA	K9OM			K8GT	W2AW (N2GM, op)	
SOU Mixed	QRP								
SOU PH	HP	W3LL	VA2QR	W9ILY			AJ4A		KØYB
SOU PH	LP	N3YUG	VE3JSO	N9VPV	ADØFB	AA5BE	KK4BKD		KØAP
SOU PH	QRP								
SOU CW	HP	N3RS	VE7XF	K9CT	WBØN	N4ZZ	N4QS	W2LK	K2DSW
SOU CW	LP	W3KB	VE3IAE	WA9LEY	AAØAW	W4JHC	K1LT	K2DSL	KØVBU
SOU CW	QRP	NA1DX (NA3DX, op)						K2AL	WØGJ
Multi	HP	KD4D	VE3UTT	K9ZO		K5KDX	KE4KY	KD2RD	KØBJ

Division Leaders

Category	Power	New England	Northwestern	Pacific	Roanoke	Rocky Mountain	Southeastern	Southwestern	West Gulf
SO CW	HP	W1KM	K7RF	K6LRN	NY4A (N4AF, op)	WØUA	N4PN	K6NA	K5YAA
SO CW	LP	W1UJ	W7YAQ	W6YX (N7MH, op)	WA4PSC	KØAV	WB4TDH	K7WP	WXØB (AD5Q, op)
SO CW	QRP	K8CN	N7RCS		KB8V		K3TW	N7IR	WØEA
SO Mixed	HP	WR1TC (K5ZD, op)	N9RV	K6XX	AD8J	KØ7X	NQ4I (VE7ZO, op)	NN6DX (W1PR, op)	K5WA
SO Mixed	LP	WA1Z	K7PGL		NR3X (N4YDU, op)		AD4Z	WASTVO	N5AW
SO Mixed	QRP		KA7T	K2GMY	W1TEF/4				
SO PH	HP		W7PU	NR6Q	N4MM	K9MWM	AB4EJ	W6AFA	K5TR
SO PH	LP	KB1RWI	W7OID	K6GHA	K4WES	N7MZW	NT4Z	K6MUG (K14MUG, op)	K5DHY
SO PH	QRP	AA9DY	KK7VL		N4ZAK				
SOU Mixed	HP	K1AR	KA6BIM	K3EST	N4HB	KEØUI	N4UU	NC6K	K5NA
SOU Mixed	LP	W1WBB	N7JI	K6JEB	AA4NC		WS1C	W6JBR	
SOU Mixed	QRP						N4HH		N1CC
SOU PH	HP	N2GZ	NK7U (K7MK, op)		N4LA		K4SBZ	WR5G	K5LLA
SOU PH	LP	KA2KON	W7MCP		KCØMCK		AD4YQ	AG6AN	AB5NX
SOU PH	QRP								
SOU CW	HP	K1MK @K1TTT	KU1CW	W6SX	N1LN	WØLFA (AA7XT, op)	K5KG	N7AT (K8IA, op)	N5JR
SOU CW	LP	KM1X	W7VXS	K6AAB	W3CL	KØRI	WD4AHZ	K6WSC	N5DO
SOU CW	QRP				AI4SV	K9JWV	WA8HSB	WO7R	
Multi	HP	W1FM	N7BV			KDØWAK	AA4HP	NX6T	WR5O