

IARU HF Championship 2014

Close races, World Radiosport Team Championships, and great conditions – records fell!

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Held during the second weekend of July (July 12 – 13, 2014), the IARU contest offers quite a bit of summer fun. Not only can you work on your CW and SSB skills, there are also multiple categories for various power levels and mode options. Chasing HQ stations increases excitement, and adding to the intrigue is the unpredictability of summer propagation. Whether you are searching for multi-hop sporadic E layer openings on the high bands, looking for polar openings at night on 20 meters, or working through the noise on the low bands, there's plenty to chase!

The Canadian Headquarters Station – VY2RAC

The IARU contest features special entries known as “Headquarters” — or “HQ” — stations representing national IARU organizations. Unique to each country, a typical HQ

station racks up thousands of QSOs, makes multiplier chasers happy, and is staffed with many operators. This past summer, the short-staffed trio of Matt, KØBBC; Ron, NØAT, and Tony, VE3RZ, put in a fantastic effort from the powerful VY2TT station on Prince Edward Island to hand out the much-appreciated RAC mult. The group racked up more than 6000 contacts to put smiles on the faces of many contesters, including the buzzing WRTC teams nearby in Boston.

After attending to a few station needs to make it ready for the three-person multi-multi squad, the team was ready for the big time action — and they got it. From NØAT's article in the Twin City DX Association's newsletter (www.tcdxa.org): “Having that much horsepower and being a new multiplier generated unlimited pileups. We could work each station on six bands and both modes.”

The idea came from a big desire to operate from VY2TT during the IARU event. While the contest doesn't have a Multioperator, Multitransmitter (MM) category, the operators wanted more time in the operating chair and decided to move forward with the request

to operate as an HQ station. VE3KI and VO1DK made the HQ operation possible. (HQ and the related Administrative Council station results are tabulated separately from the main results.)

WRTC2014 Results

Four years of serious preparation paid off in New England as a record 59 teams competed in the exceptionally well-run World Radiosport Team Championship (WRTC) in Boston. The organizers can now relax after putting together a flawless effort, which required an intense amount of planning. The eventual champions (the K1A team of N6MJ and KL9A) grabbed the lead after the first hour and never looked back as they secured their first championship after finishing 3rd in WRTC2010 in Russia. The talented team received an automatic bid to WRTC2018, which will be held in Germany (www.wrtc2018.de/en). Rounding out the top three in the 2014 event were the Slovakian team of OM3GI and OM3BH, and the German team, DJ5MW and DL1IAO. Accuracy paid off for DJ5MW and DL1IAO as their incredible 1% error rate vaulted them from 5th to 3rd place in the final standings. Amazingly, 60% of the

IARU Member Society Headquarters Stations

Headquarters and Administrative Council station scores were tabulated by the World Wide Radio Operator's Federation (www.wwrof.org) and are listed in *QST* as a courtesy to the Amateur Radio community.

Call	Score	Call	Score
TM0HQ	34,506,131	CX1AA	3,943,739
EF4HQ	31,641,120	T49C	3,604,265
DA0HQ	30,102,280	VP9HQ	3,395,748
R3HQ	26,608,000	YV5AJ	2,252,130
SN0HQ	26,327,673	ES9A	2,227,159
II0HQ	25,564,392	ZS9HQ	1,749,720
GR2HQ	25,427,236	ZL6HQ	1,627,988
OL4HQ	25,402,167	7T0HQ	1,490,032
9A0HQ	23,362,762	ZF1A	1,294,528
YT0HQ	22,583,934	YE0HQ	1,232,742
S50HQ	20,878,765	DX0HQ	1,134,840
LZ7HQ	18,873,175	ZP5AA	
YR0HQ	17,862,897	(LU8EOT, op)	930,328
SK9HQ	16,956,911	9Y4HQ	752,370
AZ0HQ	15,422,316	EI0HQ	
LY0HQ	15,267,995	(EI6JK, op)	588,200
HB9HQ	14,576,771	HS50RAST	
E7HQ	14,525,004	(HS5NMF, op)	458,040
OZ1HQ	14,343,930	9M4DXX	
OE1A	13,419,870	(9M2TO, op)	390,450
OP0HQ	12,435,780	QA4O	351,917
PA6HQ	11,887,200	XE1LM	226,848
W100AW	10,451,520	VK5WIA	214,240
ZW2HQ	10,050,156	TG0AA	
V55HQ	9,956,010	(TG9ANF, op)	192,696
EM5HQ	9,555,953	HQ2W	
YL4HQ	9,446,745	(HR2DMR, op)	167,970
NU1AW	8,636,498	V84O	147,000
SX0HQ	8,606,307	JU1HQ	
CR5HQ	6,916,875	(JT1DA, op)	130,327
VY2RAC	6,884,769	TC1HQ	88,200
8NXHQ	6,838,741	XR3HQ	62,640
UN1HQ	6,758,310	HD2A	
OH2HQ	6,429,060	(HC2AO, op)	8,294
L12HQ	6,080,250	HI8RCD	
Z30HQ	5,230,872	(HI8KW, op)	1,980
ER7HQ	4,569,084		



Showing the intensity and focus typical of all WRTC teams, K1O team member “Don,” JH5GHM (his teammate was Hajime, JA1OJE), works stations on 80 meter CW. The team finished with 3305 QSOs during the 24-hour contest. [Kristjan Kodermac, S50XX, photo]

Top Ten — US and Canada			Top Ten — World-Wide		
Single Operator, Mixed Mode, QRP	AB3RW K9JK KK7VL VE5DLD	2,673 1,302 876 448	Single Operator, CW Only, LP	W4IX W1RM K7SV NA8V W1NN WJ9B K1MI WB4TDH VE1RGB W7Yaq	1,151,955 1,132,203 1,054,144 783,450 771,274 747,285 688,524 670,662 596,778 590,472
K0OU NA4CW KT8K KU4A K8ZT K1LT KC5WA W4DFG (W1TEF, op) AF9J NN7SS (K6UFO, op)	231,870 87,138 45,140 19,320 17,298 9,835 7,920 2,781 1,088 996		Single Operator, CW Only, HP	AA3B VE3JM N4QGW VA2EW W0UA K7GM K3EL K9CT N5XZ K2SSS	2,897,100 2,767,694 2,120,676 2,090,848 1,963,704 1,853,670 1,530,816 1,445,026 1,439,465 1,383,824
Single Operator, Mixed Mode, LP	AA4NC N5DO N5ZC K8UE K9OM N4OQ VE3BR W0DLE K0AD W6AWW	1,104,495 798,930 707,460 683,000 657,845 645,120 624,792 544,765 420,046 361,921	Multioperator	K5TR KD4D W3UA K5RX N1LN N3RS WW4LL K5RT KD2RD VE7ZO (@VE7UF)	2,817,848 2,570,425 2,435,028 2,094,400 1,942,655 1,919,148 1,792,792 1,728,396 1,329,333 1,283,469
Single Operator, Phone Only, LP	N1UR KT4ZB VE1WOW (K1WO,op) W4FT VE3VE K6GHA VA3GKO N9DFD H13K K5DHY	882,336 265,950 204,672 197,349 162,500 153,034 144,353 133,168 129,528 128,340	Single Operator, CW Only, QRP	VA3SB K8CN N7IR K3TW AC8AP W1WBB K9JWV N1RU A19K K0MP	256,818 228,200 157,398 51,798 51,392 28,860 27,750 25,956 15,662 15,365
Single Operator, Mixed Mode, HP	KQ2M VE3AT K6XX W2FU (N2ZN, op) W0EWD (@N0NI) K4AB K3ZO W04O W1WMU VE3OI	3,785,940 3,222,115 3,045,750 2,437,358 1,653,093 1,648,992 1,548,072 1,430,702 1,412,580 1,333,150	Single Operator, Phone Only, HP	W6QU (W8QZA, op) NT4TS WB0IWG N4ZAK K7RLL KK6RF	78,078 61,544 7,200 5,472 3,432 2,684
Single Operator, Phone Only, QRP	EA8MT UX9Q (UR9QQ, op) E1IA (ON4EI, op) HA3DX (HA4XH, op) EE7Y (EA7ISH, op) YV1KK RA3Y N1UR KP2/AA1BU G3VAO	1,964,314 1,602,992 1,347,192 1,296,625 1,085,088 1,023,400 890,813 882,336 834,426 736,296	Single Operator, CW Only, HP	UW1M A65BP KQ2M KP3Z (NP4Z, op) UP0L VE3AT K6XX OH6LI EU1A	4,023,788 3,974,580 3,785,940 3,351,600 3,253,104 3,222,115 3,045,750 2,848,225 2,842,775
Single Operator, Mixed Mode, QRP	DK3WE UT5UN OK7CM SP5DDJ K0OU US2IZ 9A2EY LZ5QZ IZ8JFL DL6OCH	654,408 443,016 433,020 325,251 231,870 202,583 184,832 142,800 130,686 122,952	Single Operator, Phone Only, HP	FY5FY DL8LR HA5NB DK0TC (DL1APQ, op) SP7VTQ UR5IPW US5ZCW W6QU (W8QZA, op) HB9EGA NT4TS	1,074,258 371,209 310,980 155,848 113,918 108,429 98,905 78,078 62,048 61,544
Single Operator, Phone Only, LP	EA8MT UX9Q (UR9QQ, op) E1IA (ON4EI, op) HA3DX (HA4XH, op) EE7Y (EA7ISH, op) YV1KK RA3Y N1UR KP2/AA1BU G3VAO	1,964,314 1,602,992 1,347,192 1,296,625 1,085,088 1,023,400 890,813 882,336 834,426 736,296	Single Operator, CW Only, QRP	UATCUR	157,480
Single Operator, CW Only, LP	LY5R IO4T UA3RF WP3C W4IX W1RM DD5M (DJ0ZY, op) YR9F (YO9FNP, op) K7SV SP4JCQ	1,523,319 1,419,075 1,360,510 1,346,730 1,151,955 1,132,203 1,092,168 1,077,858 1,054,144 1,049,489	Single Operator, CW Only, HP	RM9A CR3T UA4M HG1S HG7T UR7GO DL2CC IR8C K5TR SP8R	4,576,196 4,317,392 4,087,280 3,936,845 3,819,202 3,362,115 3,301,812 3,142,731 2,817,848 2,791,565
Single Operator, Phone Only, HP	CN2R 5B4AIF P.J4DX H2T (5B4XF, op) HG8R (HA8JV, op) IW2HAJ IK0PHY ESSRW R.J4P ED8W	5,203,660 3,691,008 2,726,205 2,684,640 2,494,570 2,192,226 2,171,430 2,169,490 2,115,840 2,030,072	Multioperator		
Single Operator, CW Only, QRP	UC7K LZ2RS UA8AA DD1IM VA3SB K8CN DL4SDW UX2MF UATCUR	531,180 405,790 316,840 271,852 256,818 228,200 179,655 171,684 157,480			



Adam, K7ST/mm, operated aboard the *Bravo*, loading up an insulated backstay, putting Zone 56 in more than 150 logs. Adam and Cindy, KF7UPI, have been sailing the Pacific for a couple of years with ham radio never far away. [Cindy Brennan, KF7UPI, photo]

contacts made during the event were cross-checked in just a 6-hour log-submission window for non-WRTC competitors. Competitors had only a 30-minute window to submit their logs to the event's judging team.

New Records in 2014

While many were focused on the outcome of the World Radiosport Team Championships that ran simultaneously with the contest, many others had their hopes set on grabbing some glory for themselves. With solid HF conditions and increased participation, a total of 42 records were set during the 2014 running of the IARU HF Championship.

The records ranged from new all-time high scores in the HQ category by TMØHQ and for Single Operator, High Power (SOHP) SSB category, by CN2R from ITU zone 37, to a new record set by AL4Y with just three points in the Single Operator, Mixed Mode, Low Power category for Zone 1.

While CN2R's all-time mark is quite impressive, there were several other impressive record-setting performances. Among them are new W/VE marks for Single Operator, Mixed Mode: for High Power by KQ2M and for US Low Power by AA4NC. Also of note from around the globe were outstanding performances by VE3AT, VE3JM, W7WA, WJ9B, K5TR, AA3B, W4IX, EA8MT, A65BP, JS3CTQ, VK2DX, and HSØZKX. All of these stations set new zone records. These and more records can be found online at arrrl.org/contest-records. All IARU records were recently updated by a talented group of volunteers including K3WA, N3ND, EA4ZK, N1RR, AB1J, N5KM, and N1JM.

Close Races

When looking back on a contest, it becomes easy to question a decision or period in which one may have relaxed too much, made a bad decision, or just goofed up in a way that may

W/VE Region Leaders

Table shows Call, Mode, Power, and Score

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)							
K1LT	Mix	QRP	9,835	NA4CW	Mix	QRP	87,138	KT8K	Mix	QRP	45,140	K0OU	Mix	QRP	231,870	NN7SS (K6UFO, op)			
NQ2T	Mix	QRP	404	KC5WA	Mix	QRP	7,920	KU4A	Mix	QRP	19,320	N5DO	Mix	LP	798,930	W6AWW	Mix	LP	361,921
VE2AWR	Mix	LP	210,328	W4DFG (W1TEF, op)				K8ZT	Mix	QRP	17,298	N5ZC	Mix	LP	707,460	NN6CH	Mix	LP	307,436
WA2JQK	Mix	LP	143,184	AA4NC	Mix	LP	1,104,495	K9OM	Mix	LP	657,845	W0DLE	Mix	LP	544,765	WA6FGV	Mix	LP	302,016
KB1HNZ	Mix	LP	141,372	KU8E	Mix	LP	683,000	VE3BR	Mix	LP	624,792	W0EWD (@N0NI)				K6LA	Mix	HP	1,244,310
KQ2M	Mix	HP	3,785,940	N4OX	Mix	LP	645,120	N8VV	Mix	LP	211,640					W6AFV	Mix	LP	302,016
K6XX	Mix	HP	3,045,750	K4AB	Mix	HP	1,648,992	VE3AT	Mix	HP	3,222,115					K6LA	Mix	HP	1,244,310
W2FU (N2ZN, op)				WO4O	Mix	HP	1,430,702	VE3OI	Mix	HP	1,333,150					N6NF	Mix	HP	447,120
	Mix	HP	2,437,358	N8II	Mix	HP	1,122,160	WR9D (KB9UWU, op)								N6MI	Mix	HP	376,090
AB3RW	Ph	QRP	2,673	NT4TS	Ph	QRP	61,544									W6QU (W8QZA, op)			
N1UR	Ph	LP	882,336	N4ZAK	Ph	QRP	5,472	K9JK	Mix	HP	1,037,321						Ph	QRP	78,078
VE1WOW (K1WO, op)				KT4ZB	Ph	LP	265,950	K9VE	Ph	QRP	1,302						Ph	QRP	3,432
	Ph	LP	204,672	W4FT	Ph	LP	197,349	VE3VE	Ph	LP	162,500						Ph	QRP	2,684
KA2KON	Ph	LP	99,064	N9DFD	Ph	LP	133,168	VA3GKO	Ph	LP	144,353						Ph	QRP	153,034
K1PLX	Ph	HP	261,136	WA5OYU	Ph	HP	556,248	VE3MV	Ph	LP	96,798						Ph	LP	129,528
WA1NPZ	Ph	HP	207,360	K5ER	Ph	HP	537,119	KE8FT	Ph	HP	212,220						Ph	LP	78,795
K2JMY	Ph	HP	77,100	K8AQ	Ph	HP	114,000	AJ4A	Ph	HP	146,016						Ph	HP	1,851,816
K8CN	CW	QRP	228,200	K3TW	CW	QRP	51,798	VA3ZNQ	Ph	HP	106,862						Ph	HP	385,402
W1WBB	CW	QRP	28,860	K4MF	CW	QRP	14,960	VA3SB	CW	QRP	256,818						Ph	HP	363,924
WK2T	CW	QRP	8,052	N2WN	CW	QRP	10,076	AC8AP	CW	QRP	51,392						CW	QRP	157,398
W1RM	CW	LP	1,132,203	W4IX	CW	LP	1,151,955	N1RU	CW	QRP	25,956						CW	QRP	15,365
K1IMI	CW	LP	688,524	K7SV	CW	LP	1,054,144	NA8V	CW	LP	783,450						CW	QRP	8,814
VE1RGB	CW	LP	596,778	WB4TDH	CW	LP	670,662	W1NN	CW	LP	771,274						CW	LP	747,285
AA3B	CW	HP	2,897,100	N4OGW	CW	HP	2,120,676	KV8Q	CW	LP	480,006						CW	LP	590,472
VA2EW	CW	HP	2,090,848	K7GM	CW	HP	1,853,670	VE3JM	CW	HP	2,767,694						CW	LP	431,406
K3EL	CW	HP	1,530,816	N4ZZ	CW	HP	1,341,198	K9CT	CW	HP	1,445,026						CW	HP	431,406
KD4D	Multi	HP	2,570,425	N1LN	Multi	HP	1,942,655	N8BJQ	CW	HP	769,699						CW	HP	385,402
W3UA	Multi	HP	2,435,028	WW4LL	Multi	HP	1,792,792	NV9L	Multi	HP	1,067,840						CW	HP	363,924
N3RS	Multi	HP	1,919,148	N6AR	Multi	HP	621,150	K8BL	Multi	HP	382,158						CW	HP	157,398
								K8PGJ	Multi	HP	335,750						CW	HP	15,365
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IARU Administrative Council Stations

Category	Call	Score
AC	VC6IARU	73,395
R1	NB2T (@K6ND)	1,988,520
R1	OK8JOE	13,616
R1	LZ1US	2,106
R1	DF3IAL	1,148
R2	KK1Z	3,111,516
R2	PT2ADM	789,760
R3	YB0AZ	582,736
R3	JA1CJP	261,188

K6ND for the top spot from Region 1 and was second overall with just under two million points. Rounding out the top three was PT2ADM with 789K points from Brazil.

Soapbox Musings

Reading through the post-contest soapbox entries offers quite a bit of perspective on the event. While WRTC participants were pouring every ounce of radiosport know-how into the event, others were either celebrating birthdays, chasing wallpaper or plaques, just trying to work what they heard, or simply experiencing the thrill of making contacts.

Perhaps one of the more interesting outings was the effort of K7ST, who was maritime mo-



No one stopped for a minute during WRTC2014! The N1M team of Fred, K9VV, and John, VE3EJ, were in the final third of the contest as the Moon rose over their Boston-area Field Day-style station. [Danny Pease, NG9R, photo]

bile in the waters of Fiji (ITU Zone 56). Adam and his wife, Cindy, KF7UPI, were in the midst of a Pacific cruise on his sailboat, *Bravo*, and he decided to hand out Zone 56. Signing K7ST/mm apparently threw off several operators but he managed 156 contacts with 100 W and a wire. From Adam's soapbox:

Wow, what an exercise in frustration. Using /mm instead of /3D2 since no Fiji license, and I was at sea in Zone 56... Nearly every one of the 156 Qs challenged the zone, telling me I was in Zone 6. Couldn't get any rate going with 100 W and a random length wire (insulated backstay on the boat), even with the Zone 56 "amplifier effect..." Great contest, though, and those WRTC ops (the few I could hear) were doing a great job. All sounded very equal from down under.

A lot of the soapbox comments were related to the abilities shown by the WRTC operators. Many stations were busy hunting down all 59 teams for a shot at the available prizes as well as extra points for the ARRL Centennial QSO Party. K2PS, who was chasing the 1 x 1 WRTC participants, had this to offer:

Working all those great WRTC ops was amazing. My sigs were pretty weak with LP and only a 40 meter dipole, up about 12 - 15 feet. But every WRTC station copied me somehow (at least on CW), where much louder Zone 8 stations CQed in my face. Congrats to them all!

Next Year

While the current solar cycle was slow to start, it has provided very solid HF conditions during the past 2 years, and hopefully the Sun will produce a few more exciting events for contesters before it slowly goes to rest. The 2015 IARU contest is scheduled for July 11 and 12. Start planning now, because it is just a few months away. Set your sights on a new personal goal, a certificate, a plaque, a new all-time record, or simply just to have a blast!

Full Results are a Click Away

You can find the complete writeup of the 2014 IARU HF Championship contest online at www.arrl.org/contest-results. You'll find more in-depth analysis, photos, and individual soapbox entries to enjoy.

Records Set in 2014

Zone	Category	Power	Call	Score	Location
All-Time Category Record					
37	Ph	HP	CN2R	5,338,937	Morocco
Zone Record					
1	Mix	LP	AL4Y	3	Alaska
1	Mix	LP	AL4Y	3	Alaska
3	Ph	QRP	K7MQL/VE4 (K7MQL, op)	420	Manitoba
3	Mult	HP	VE4EA (VE4EA, VE4SNA, VE4DRK)	615,330	Manitoba
4	Mix	HP	VE3AT	3,337,500	Ontario
4	Ph	LP	VA3GKO	187,680	Ontario
4	CW	HP	VE3JM	2,878,888	Ontario
4	CW	QRP	VA3SB	288,267	Ontario
6	Ph	HP	W7WA	1,869,020	Western Washington
6	Ph	LP	K6GHA	165,927	Santa Clara Valley
6	Ph	QRP	W6QU (W8QZA, op)	79,120	San Diego
6	CW	LP	WJ9B	816025	Idaho
6	CW	QRP	N7IR	157509	Arizona
7	Mix	QRP	K0OU	246074	Missouri
7	Ph	LP	K5DHY	133,985	Kansas
7	Ph	QRP	KC5R	172,080	North Texas
7	Mult		K5TR (K5PI, K5TR)	2,910,467	South Texas
8	Mix	HP	KQ2M	4,071,018	Connecticut
8	Mix	LP	AA4NC	1170792	North Carolina
8	CW	HP	AA3B	2,969,421	Eastern Pennsylvania
8	CW	LP	W4IX	1,190,462	South Carolina
33	CW	QRP	BA2BI	9,509	China
36	Ph	LP	EA8MT	2,004,750	Canary Islands
37	Ph	HP	CN2R	5,338,937	Morocco
39	Mix	HP	A65BP	4,192,244	United Arab Emirates
43	Mix	HP	BD9XE	353,668	China
45	Mix	LP	JR4GPA	403,191	Japan
45	CW	LP	J11RXQ	539,790	Japan
45	Mult	n/a	JS3CTQ	1,844,649	Japan
49	Mix	HP	XW1IC (E21EIC, op)	1,007,288	Laos
49	Ph	LP	HS0ZHC	280,841	Thailand
49	CW	HP	HS0ZKX	743,225	Thailand
49	CW	LP	E21YDP	77,691	Thailand
51	Ph	LP	YB9WAN	12,198	Indonesia
55	Ph	HP	VK4TS	231,564	Australia
56	CW	LP	3D2KM (W6ZL, op)	35,868	Fiji
57	Mix	LP	ZS2NF	56,316	South Africa
57	Ph	LP	ZS1BHQ	15,750	South Africa
58	Mix	HP	VK6SMK	14,196	Australia
58	Ph	LP	VK6RC	7,920	Australia
59	CW	HP	VK2DX	1,352,370	Australia
59	CW	LP	VK2GR	221,622	Australia
69	CW	HP	RI1ANT (RW1AI, op)	110,763	Antarctica