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# 1997 IARU HF World Championship Results

**T**his year's contest won't go down in the record books by any means, but everyone reported having a good time. Even with all the complaints about poor propagation, band conditions were actually quite good for that point in the sunspot cycle.

Twenty meters was the life blood of this year's contest. You can usually count on 20 coming through, and it surely did. It was quite easy for W/VE stations to work into Europe, and rack up some pretty high QSO and multiplier totals, even from modest stations. Franklin, KB8IBS, reports, "Twenty meters was really the hot spot this year. The band was open to Europe most of the contest."

Ten and 15 meters also enjoyed some nice band openings. During this year's contest, Europeans were reporting good openings on both bands into North America. If you didn't rack up some of these easy QSOs, you missed out on a few good openings. In a 24-hour contest, it's important that you try not to miss any band openings—you don't get a second chance to exploit them, as you might in a 48-hour contest.

The key to any contest is participation. Even with great band openings, without good participation there won't be those endless pileups of stations to work. That's the problem with some of the less popular contests—a lack of stations to work. This isn't a problem with the IARU HF World Championship. This year's Championship garnered substantial participation. Although it can't quite compare with last year's bountiful harvest of 1503 entries, 1329 entries is still a worthy number. (Last year, we had the WRTC stations attracting a lot of folks, and creating excitement on

the bands.) CW continues to be the most popular entry category, followed by phone and mixed modes.

We had 31 IARU member-society headquarters stations submitting their logs this year, with 14 breaking the 1-million point mark. Eighth place finishers last year, EM5HQ, got their act together and finished in first place among the headquarters stations. The Germans at DAØHQ completed the most QSOs, but lacked the needed multiplier total for first place. They had to settle for second place with OL7HQ coming in third. All three top finishers completed over 10,000 QSOs each. What an impressive job!

The Washington based W1AW/7 finished in 13th place this year. Their effort was from Rush Drake's super station (W7RM). Another surprise was NU1AW showing up on the bands. This 11-operator IARU headquarters station finished in 10th place.

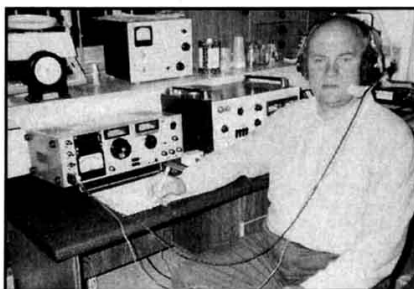
Hrane, YT1AD, operating at 3V8BB, broke the 2 million point mark to win the mixed mode category. Canada's best, VE3EJ, scored 1.7 million points and finished in second place worldwide and first in W/VE. Great going John! UA3RAR was third place in the world scoring 1.3 million points. Other W/VE stations to break in to the top ten world wide were K3MM in

## Top World Scores

Mixed Mode		CW Only	
Call	Score	Call	Score
3V8BB (YT1AD,op)	2,206,464	P40W (W2GD,op)	2,195,754
VE3EJ	1,768,200	HA3O (HA3UU,op)	1,907,486
UA3RAR	1,525,764	HG0D (HA0DU,op)	1,574,800
K3MM	1,313,340	UT4UZ	1,436,784
KW9KW (at K4VX/0)	1,300,887	OH1AF	1,429,914
RK9CWW	1,298,860	(OH1NOA,op)	
DJ0FX (OE2VEL,op)	1,296,380	UN8LW (UA3DPX,op)	1,377,075
KQ2M	1,216,224	LY1DS	1,355,952
RZ9OO	1,209,990	IR2W (I2VXJ,op)	1,237,740
RA3AUU	1,051,800	SP7GIQ	1,199,658
		OH7MA	1,109,260
Phone Only		Multioperator	
Call	Score	Call	Score
C40M	1,806,525	H22A	4,883,725
4X2F (4Z5JK,op)	1,674,328	HG1S	3,847,788
UA2FZ	1,559,140	RZ3Q	3,191,070
OH7LNI	1,423,968	EU8T	3,019,710
LY5A (LY3MM,op)	1,198,208	HG6N	2,893,440
H25X (5B4XF,op)	1,002,393	UR4E	2,863,686
UV7D (UT7DX,op)	980,934	IR4T	2,200,656
ZW5B	901,800	UU5J	2,189,734
IR4R	764,660	OT7T	2,165,400
K1YR	695,618	RZ9AZA	2,077,208

## Top W/VE Scores

Mixed Mode		CW Only	
Call	Score	Call	Score
VE3EJ	1,768,200	N2IC	1,049,764
K3MM	1,313,345	K3ZO	1,026,855
KW9KW (at K4VX/0)	1,300,887	VE7NTT	909,832
KQ2M	1,216,224	AA4NC	880,464
N9AG (at N8NR)	828,497	K1VUT	767,040
N0AV	738,360	AA3B	713,648
K4AB	679,725	N2MM	656,742
N2PP	671,517	W7GG	652,830
W6XR	670,433	N6ZZ	642,764
WW4RR (N4ZZ,op)	648,826	W7VJ	546,210
Phone Only		Multioperator	
Call	Score	Call	Score
K1YR	695,618	N3BB	1,276,464
WB9Z	673,920	N1BB	1,179,232
W7NN	511,872	W4AN	1,068,454
N2QT	499,044	W7OM	965,526
W4SVO	487,202	KC1XX	911,232
K3WW	453,936	WU4G	853,344
AA4NU	432,160	W8AV	847,161
N4UH	409,860	W5WMMU	804,648
WA42XA	402,082	K5MDX	618,967
KK1L	400,625	K4FCC	605,430



Serge, 4Z5JK, operated 4X2F. He finished second place world wide, single operator, phone only.



Gerald, OE2GEN, operated mixed mode from Austria in Zone 28.



Rizal, YC6PUP, operated mixed mode from Zone 54 in Indonesia.

fourth place, KW9KW (at K4VX/0) in fifth place, and KQ2M in eighth place.

Stavros, C40M, from Cyprus, scored 1.8 million points to take first-place world phone. Serge, 4Z5JK, operating at 4X2F, finished second place with 1.6 million

points. Igor, UA2FZ, was third with 1.5 million points. K1YR was the only W/VE to make the world top ten. Lou finished in 10th place world, and first place W/VE. Phone only was the only category in which all 10 world finishers didn't score over a

million points.

On the CW front, John, W2GD, operating at P40W, took first place world CW with 2.1 million points. Janos, HA3UU, operating at HA3O, finished in second place with 1.9 million points. Istvan, HA0DU, at HG0D, was third with 1.5 million.

In the multioperator category, the entire top ten scored over 2 million points each. The H22A crew finished in first place world with 4.8 million points. The Hungarian crew, HG1S, was second, scoring 3.8 million points. The Russian team, RZ3Q, was third with 3.1 million points.

The IARU HF World Championship offers something for everyone. You have a choice of operating CW only, phone only, both modes, single operator or multioperator. You can contact anyone in the world for credit, with a QSO point structure emphasizing contacts with stations in other continents, but not ruling out QSOs with your own country or continent. Almost any station can be competitive in the IARU HF World Championship. It doesn't take big antennas or a lot of power. You can even earn some wallpaper. Everyone who makes at least 250 QSOs or works 50 multipliers gets a certificate. If you like competing for the top spots, the IARU HF World Championship offers some first rate competition.

See you next July 11-12 for the 1998 IARU HF World Championship.

### SOAPBOX

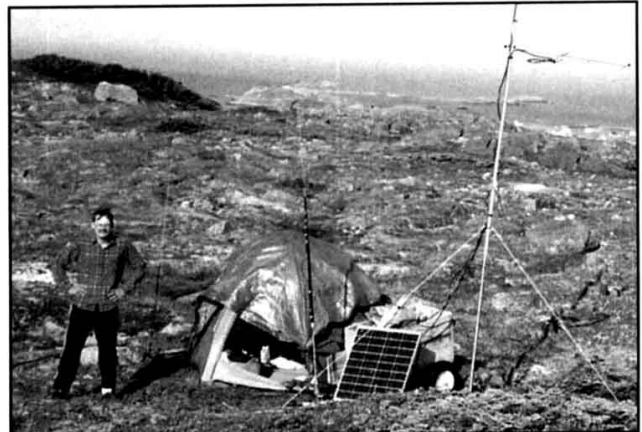
For the first time ever Denmark was represented as a headquarters station. We only had a few operators, but it was a lot of fun. Sometimes we felt like a rare DXCC country, we had so many pileups (OZ7D). Conditions were abysmal, but a good time was had by all. We operated from a woolshed and Murphy ordered us a very heavy frost for the first 8 hours. It's amazing how woolly hats absorb audio (ZL6A). Very poor band openings and too much noise, but lots of fun (PT2AA). It was a pleasure working in this contest and representing India (AT0ITU). Bands were great. 40 and 80 were open during our midnight sun. Surprise! (VY1JA). A great contest with lots of good DX (VA3NR). Very bad conditions from Greenland. If a signal reached S 2 or 4, it was considered very strong! K7SV must have very big ears. After we made contact I discovered that I had worked him with less than 1 W! (OX/OZ8AE). It seemed like there were more stations on the air this year. I wish I could have worked

### IARU Headquarters Stations

EM5HQ (UR4MS,UR5IFX,UR5MA,UR5MAF,UR0MM,US11TU,US21R,US7MM,US7MQ,UT21A,UT21D,UT21Y,UT22B,UT3EC,UT3EW,UT3IZ,UT3MM,UT5MB,UT5UIA,UT0MF,UX1MM,UX2MF,UX2MM,UX7MM,UX8MM,UX0MM,UX71A,UY3IM,UY3QW,UY5QQ,ops)	12,641,940	10444	369
DA0HQ (DK4WA,DK7YY,DK8YY,DL1AOB,DL1AOQ,DL1ASA,DL1AUZ,DL1AWI,DL1DTL,DL1EM,DL1EY,DL20BF,DL20E,DL2SAX,DL3ABL,DL3ALI,DL3AFO,DL3DX,DL3OI,DL3TD,DL4A1,DL4CA,DL4LQM,DL4MM,DL5ANT,DL5AOL,DL5AWI,DL5AXX,DL5LYM,DL5MX,DL5XU,DL5YY,DL6MHV,DL7AO,DL7BY,DL7IO,DL7IQ,DL7UBA,DL7URH,DL7UTM,DL7VQA,DL7VRO,DL8AKA,DL8AUA,DL8DYL,DL9AWI,ops)	10,043,970	11840	335
OL7HQ (OK1AU,OK1AXB,OK1AY,OK1CF,OK1CM,OK1CW,OK1DG,OK1DNR,OK1FJD,OK1FLM,OK1FUA,OK1HSK,OK1JN,OK1MD,OK1MKI,OK1MR,OK1NI,OK1RF,OK1RI,OK1RR,OK1TA,OK1TN,OK1TP,OK1WF,OK2FD,OK2XT,ops)	9,862,632	10059	312
OM7HQ (OM3GI,OM8AA,OM8AU,OM8CW,OM5RW,OM5RM,OM3E1,OM3GB,OM2TW,OM2DX,OM2ZA,OM3BH,OM3PA,OM3PC,OM7DX,OM5ZM,OM3NA,OM5DX,OM2RA,OM3EA,OM3LU,OM3RM,OM5XX,OM5DP,OM5MZ,OM8AM,OM8FF,OM0WR,OM8FM,OM3DX,OM5CD,OM5NA,OM5CW,OM3JW,OM5FM,OM5MF,ops)	9,577,273	9981	323
9A0HQ (9A9A,9A5W,9A2EU,9A7R,9A2TN,9A6KCL,9A4LA,9A5I,9A2OM,9A2TR,9A2SD,9A1AA,9A2VR,9A2AJ,9A2CY,9A5AZ,9A4OZ,9A3NM,9A3LG,9A2D,9A7W,9A8A,9A3TR,9A3OS,9A2ME,9A7V,9A4RX,ops)	9,476,400	9960	318
S50HQ (S50A,S50Q,S51Z,S53BB,S53C,S53G,S53RM,S53Z,S54E,S55OO,S56M,S57AD,S57AL,S57C,S57NAG,S59A,S59L,ops)	8,179,401	8539	321
YP0A (YO2AUN,YO2AQQ,YO2BBT,YO2BP,YO2BV,YO2DFA,YO2GL,YO2LDC,YO3AC,YO3APJ,YO3AV,YO3FF,YO3FU,YO3GDA,YO3ND,YO4ATW,YO4HW,YO4SI,YO4WZ,YO4XF,YO5BLA,YO5TE,YO6AWR,YO7DAA,YO8BAM,YO8BIG,YO8MI,YO8SS, YO8WW,ops)	7,473,585	7294	327
YU0HQ (YU7AC,YU7AL,YU7AV,YU7AX,YU7BJ,YU7BW,YU7CB,YU7CM,YU7CP,YU7DR,YU7FN,YU7GO,YU7GW,YU7JX,YU7LM,YU7NW,YU7OA,YU7YG,YT7KF,YT7TY,YT7TY,YT7WA,YZ7AA,YZ7UN,4N7CA,4N7DW,4N7ZZ,ops)	7,304,512	8272	304
R3HQ/6 (UA6LO,UA6LV,UA6LU,UA6LQ,UA6LFQ,UA6LCJ,UA6LTI,UA6LUQ,UA6NP,UA6ADC,RA6LW,RA6LRT,RA6LBX,RA6AX,RA6YJ,RA6YD,RA6LFO, RN6BN,RN6MM,RN6LE,RV6LNA,RV6LOB,RW6BQ,RW6YY,RX6BA,RA4AJF/6,UR8MA,UT61Z,ops)	7,297,962	7412	309
NU1AW (K1CC,K1KI,K1RO,K1TO,K1ZZ,K2KQ,KA1T,KG1D,N1RL,W1OD,WA2GO,ops)	7,100,940	7154	290
PA6HQ (PA3BBP,PA3DMH,PA3EBT,PA3ERL,PA3ERC,PA3EWP,PA3FQA,PA3GBQ,PB0AIC,NL9447,ops)	5,345,340	5596	267
ER7A (ER1AM,ER1LW,ER3DX,ER3OO,ER3AL,ER5AA,ER5WU,ER5GB,ER5OK,EXOFF,ops)	2,996,490	4689	210
W1AW/7 (W7RM,W7BX,K4VX,W7YAQ,K7QQ,W7WA,N6TR,N0AX,K16FE,K7SS,AA7KF,K7JA,W2VJN,W7HUY,WJ7R,N7TO,KJ7OY,KC7WLR,K7NT,ops)	2,832,138	2558	179
SK0HQ (SM0DRD,SM0JHF,SM0KCO,SM0BTU,ops)	2,406,654	3827	186
5N0HQ (5N0T,5N0YL,5N0FFK,ops)	861,880	1258	145
ON4UBA	570,141	1338	143
OZ7D (OZ1JSH,OZ8NJ,OZ5ABD,OZ1FTU,OZ2ELA,ops)	536,769	344	129
ZL6A (ZL2AGY,ZL2BSJ,ZL2IN,ZL2BHS,ZL2AMI,ZL2BA,ZL2DX,ops)	395,044	788	107
P43ARC (P43A,P43AO,P43E,P43GM,P43HK,P43HOT,P43JB,P43RR,P43T,P43W,YV4DPS/P4,ops)	380,606	883	94
VR2HK (VR2IL,VR2KM,VR2LC,R2PM,VR2SS,VR2XMT,VR2XRW,VR2ZYW,ops)	368,386	1163	94
VE7RAC (VE7CFD,VE7CQK,VE7CA,VE7QH,VE7NS,ops)	329,296	1190	88
HA4YF	181,104	535	112
PT2AA (PT2BW,PT2TF,PT2OM,PT2NP,PT2AW,PT2SA,PT2QX,PT2IW,PT2ON,PT2ADM,PT2PC,ops)	175,050	451	90
8J3XHQ (JA3MAU,JA3NDM,JG3RPL,JH3ERW,JH3HOA,JJ3KOM,JJ3WPF,JK3RXY,JK3NEY,JP3DZA,JO3SLN,ops)	161,468	1178	74
LZ0HST (LZ1UQ,ops)	137,281	575	107
OY6A (DL1MGB,ops)	124,980	727	60
SM5ARL	123,664	303	118
OE1XHQ (OE1AKB,OE1JNB,OE1PPA,OE1TKW,ops)	74,971	371	73
VK1WI (VK1FF,VK1AUS,ops)	29,392	150	44
AT0ITU (VU2UR,ops)	18,000	121	40
CT4DX	9,880	118	2



The crew at N3BB finished first place W/VE multioperator. From left to right, K5NA, N5LT, N3BB, K5TR, and AB5EB.



Ken, FP/AA3GM, operated a small solar-powered station on the Island of St. Pierre.

them all. Great contest even with the poor band conditions (K16OY). I must be getting old. I couldn't stay awake for the whole thing this year. Working all the headquarters stations was fun and having NU1AW out there was a nice bonus. I look forward to more headquarters stations getting involved in the future (KQ6ES). I was surprised to find W1AW/7 and NU1AW on the air. Great to hear them both (W6TKV). It was nice to hear Europe, but where were the South American stations (N6MI)? This was our first experience with the Championship—we really enjoyed it (NN6NN). Where were 15 and 10 Meters? I thought that the sunspots were on the way up. During the contest the flux dipped to 67 (N7VY). Conditions were okay to Europe. Not much on 15/10 Meters (K7ABV). Sure missed the WRTC as they kept the action up last year (N7WA). Good results on 80, even with the usual summer noise. Ten was disappointing. Please send sunspots (N6ZZ). The contest seems to have taken on a new life. Good participation especially from Eastern Europe. Nothing from Africa. Very little from South

America, Central America or the Caribbean. Fifteen meters wasn't playing yet. Maybe next year (K5XR). Toughest contest I've ever worked QRP. Everyone had their beams aimed at the DX (AE0Q). We had a fun time even though propagation was very poor (N2GA). Interesting conditions. Twenty started out pretty dead, but improved with age. Had a great opening to the Far East the last hour of the contest (K3MM). First time for me to operate from the US. It was great fun. Tnx to all for the QSOs (K2XS, DL50BZ). A great contest. Things were very good except 15 and 10 meters were poor (WA4JUK). This remains my favorite contest (N2QT). Great to find out how well contesters can hear QRP (K8CV). My first attempt at IARU from home. A good start but we'll be back next year for more fun (KG8CW). This was my first CW effort as a DX station. Conditions were reasonably good and quite a lot of activity. Even 160 and 80 were usable despite the high summer noise levels in the Caribbean. I look forward to going back next year (V26E). Very poor conditions, but I did my job. I

had fun (YV5NWG). Thanks for the nice contest (LA9PJA). I was very happy that 15 and 10 were open at last here in the north. I like this contest very much (OH5PA). Great propagation on all bands (OH1AF). First time in this contest. Lots of stations, even on CW. Had fun, thanks (OH8BQT). Thanks for the nice contest. Propagation was very bad in Syktyvkar. I hope to see you all next year (RN9XA). Nice to be the subject of some pile-ups, a sign of the enthusiasm for this contest (F2NH). Our first try at this contest. We combined this with a BBQ for all the contest club members and had a ball. Conditions were reasonable, weather was superb and everybody could operate. It was fun for all involved. I like the mixed-mode approach. It allows specialists in both modes to participate (OT7T). Very nice contest. Worked my first US station on 10 with a simple vertical antenna. Fifteen was much better than expected (ON6ZX). It was our pleasure to bring the VERON multiplier to this contest (PA6HQ).

### Scores

Scores are listed by ITU Zone and then by country, ARRL section, or Canadian Province within the zone. Line scores indicate call sign, final score. QSOs, multipliers, and entry class (A = single operator, mixed mode; B = single operator, phone only; C = single operator, CW only; D = multioperator, single transmitter).

Zone	Country	Call Sign	Score	QSOs	Multipliers	Entry Class		
Zone 1	Alaska	KA6SGT	1,955	43	17	C		
		San Joaquin Valley						
		N6MI (at N6NB)	306,720	881	96	A		
		NN6NN (W6XK,op)	111,780	496	69	A		
		KI6PG	11,439	85	41	B		
		W6GSU	102,534	424	69	C		
		K6TIT	80,700	333	75	C		
		W6UC (+N6ED,N06X)	460,742	1270	107	D		
		WM6DX (W6DPD,K6ESL,ops)	16,340	110	43	D		
		VE6BF	216,864	615	96	C		
Zone 2	Alberta	KI6PG	11,439	85	41	B		
		W6GSU	102,534	424	69	C		
		K6TIT	80,700	333	75	C		
		W6UC (+N6ED,N06X)	460,742	1270	107	D		
		WM6DX (W6DPD,K6ESL,ops)	16,340	110	43	D		
		VE6BF	216,864	615	96	C		
		Zone 3	Manitoba	KA6SGT	1,955	43	17	C
				San Joaquin Valley				
				N6MI (at N6NB)	306,720	881	96	A
				NN6NN (W6XK,op)	111,780	496	69	A
KI6PG	11,439			85	41	B		
W6GSU	102,534			424	69	C		
K6TIT	80,700			333	75	C		
W6UC (+N6ED,N06X)	460,742			1270	107	D		
WM6DX (W6DPD,K6ESL,ops)	16,340			110	43	D		
VE6BF	216,864			615	96	C		
Zone 4	Quebec	KA6SGT	1,955	43	17	C		
		San Joaquin Valley						
		N6MI (at N6NB)	306,720	881	96	A		
		NN6NN (W6XK,op)	111,780	496	69	A		
		KI6PG	11,439	85	41	B		
		W6GSU	102,534	424	69	C		
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		W6UC (+N6ED,N06X)	460,742	1270	107	D		
		WM6DX (W6DPD,K6ESL,ops)	16,340	110	43	D		
		VE6BF	216,864	615	96	C		
Zone 5	Greenland	KA6SGT	1,955	43	17	C		
		San Joaquin Valley						
		N6MI (at N6NB)	306,720	881	96	A		
		NN6NN (W6XK,op)	111,780	496	69	A		
		KI6PG	11,439	85	41	B		
		W6GSU	102,534	424	69	C		
		K6TIT	80,700	333	75	C		
		W6UC (+N6ED,N06X)	460,742	1270	107	D		
		WM6DX (W6DPD,K6ESL,ops)	16,340	110	43	D		
		VE6BF	216,864	615	96	C		
Zone 6	W6	KA6SGT	1,955	43	17	C		
		San Joaquin Valley						
		N6MI (at N6NB)	306,720	881	96	A		
		NN6NN (W6XK,op)	111,780	496	69	A		
		KI6PG	11,439	85	41	B		
		W6GSU	102,534	424	69	C		
		K6TIT	80,700	333	75	C		
		W6UC (+N6ED,N06X)	460,742	1270	107	D		
		WM6DX (W6DPD,K6ESL,ops)	16,340	110	43	D		
		VE6BF	216,864	615	96	C		
Zone 7	W5	KA6SGT	1,955	43	17	C		
		San Joaquin Valley						
		N6MI (at N6NB)	306,720	881	96	A		
		NN6NN (W6XK,op)	111,780	496	69	A		
		KI6PG	11,439	85	41	B		
		W6GSU	102,534	424	69	C		
		K6TIT	80,700	333	75	C		
		W6UC (+N6ED,N06X)	460,742	1270	107	D		
		WM6DX (W6DPD,K6ESL,ops)	16,340	110	43	D		
		VE6BF	216,864	615	96	C		
Zone 8	W1	KA6SGT	1,955	43	17	C		
		San Joaquin Valley						
		N6MI (at N6NB)	306,720	881	96	A		
		NN6NN (W6XK,op)	111,780	496	69	A		
		KI6PG	11,439	85	41	B		
		W6GSU	102,534	424	69	C		
		K6TIT	80,700	333	75	C		
		W6UC (+N6ED,N06X)	460,742	1270	107	D		
		WM6DX (W6DPD,K6ESL,ops)	16,340	110	43	D		
		VE6BF	216,864	615	96	C		



