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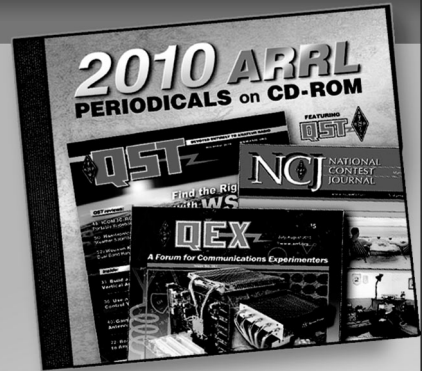
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# Results, 5th IARU HF World Championship

By Billy Lunt, KR1R and Warren C. Stankiewicz, NF1J  
Contest Manager Assistant Contest Manager

The 1990 IARU HF World Championship was held the weekend of July 14-15. Although this year's contest didn't measure up to the 1989 contest when it came to propagation and band openings, every entry class crushed ITU-Zone records. Thirty-five records went by the wayside: five on mixed mode, 11 on phone, 11 on CW and eight multioperator.

This summertime contest is always fun and morale was as high as usual. John, WB6DFA, exclaims, "I had a great time! Band conditions on the West Coast weren't as good as last year, but I was still able to add five new countries to my totals." ZM2AGY conveys, "Conditions seemed a little spotty, but that's half the fun." WA6HRK claims, "Even though the solar flux was down from last year, I still made 50% more QSOs." Peter, WW2Y, reveals, "The high bands weren't as good as last year's contest, but 80 and 40 were in great shape this time around."

This year's contest attracted 1166 entries from 43 ITU zones. CW remains the most popular entry category in the 24-hour contest. Second on the list is phone-only, followed by mixed mode and multioperator.

Eleven IARU member-society HQ stations submitted their logs, with five breaking the

1-meg mark. Congratulations in particular to the MRASZ station HG90HQ, whose 8.7M score topped the list. They are followed by Y61HQ with 8.4M; YP0A with 3.5M; W1AW with 2.4M; and GB5HQ with 1.3M points. Thanks to all the HQ stations that participated and gave us those extra multipliers.

Tom, 5H3TW (K3TW, op), boosted his last year's second-place effort by 400k points, winning the world mixed-mode category for 1990 with 1.8M points. Great going, Tom! Ben, DL6FBL, finished in second-place world with an impressive 1.3M points. Rich, K1CC, moving up from sixth-place world last year, finished in third-place world and first-place W/VE, scoring 1.0M points. Fred, K3ZO, placed seventh in the world and second for W/VE, scoring 907k points. Howard, K4PQL, was tenth-place world and third-place W/VE with 716k points.

Serge, UT5DK, scored 845k points to take first-place world phone. Janez, YU3HR, moved up the ladder from eighth place in 1989 to second-place world phone this year, scoring 822k points. Jack, W1WEF, moved up a notch from sixth place last year to fifth-

place world and first-place W/VE phone, with 733k points. Bob, KW8N, finished eighth-place world and second-place W/VE, scoring 658k points.

On the CW-only front, Steven, WB2Q, moved up in the standings by seven notches to win first-place worldwide CW for 1990, scoring 1.2M points. Bill, KM9P, guest operating at N4RJ, finished second-place world CW with 1.0M points. Brass pounder Al, G3FXB, scored 974k points to finish third-place world. Dan, K1TO, finished sixth-place world and third-place W/VE, scoring 904k points. Ralph, N5RZ, was seventh-place world and fourth-place W/VE with 872k points. Dave, K5GN, scored 711k points, finishing eighth in the world and fifth for W/VE. In ninth-place world and sixth-place W/VE was Dave, K6LL, scoring 711k points.

In the multioperator category, there was a fierce battle for the world top spot between two Hungarian stations. When the dust settled, HG1S finished on top with 3.3M points, setting a new all-time score record. The crew at HG0X wasn't far behind with 3.2M points in second place. Last year's multiop winner, UC10WA finished third with 2.7M points. The gang at K8AZ edged out K3EST and friends for first-place W/VE multiop.

## IARU Headquarters Stations

HG90HQ (HA1YU,HA4s XT,ZZ,HA5s GF,IW,LN, MK,WE,HA6s NF,OQ, HA7JAO,HA8s FM, IE,ops) 8,740,732- 10,218- 259- D

Y61HQ (DF7RX,DK3EI,DL2NBU,DL3OI,DL4NAC, DL6RAI,Y21s EF,TL,Y23EK,Y24UK,Y24VF, Y32s NJ,QD,TK,VK,Y33VL,Y37XJ, Y42s IK,LK,MK,OK,PK,QK,Y58WA,Y77VH,ops) 8,404,968- 9891- 264- D

YP0A (YO2BV,YO3s APJ,FU,YO4s AVR,BEX, BQV,FM,HW,UC,YO6AWR,YO7UP,YO8s AXP,BAM,DDP,EB,YO9s AGM,BEI,FE,ops) 3,558,126- 6082- 202- D

W1AW (KA2AEV,KQ2M,KR2J,KZ2S,N2KW, NQ2D,W6LC,N18L,ops) 2,439,500- 5169- 164- D

GB5HQ (G3CZF,G4s JUG,RTO,G0HSD,ops) 1,347,260- 2218- 155- D

4U1ITU (N6TR,op) 976,752- 2402- 126- C

JA3RL (JA3MAU,JG3s KUT,RPL,J13ERV, JJ3WPF,JP3LKR,JR4ISF,JR5NMD,ops) 788,358- 2347- 118- D

SK3SSA (SM3s OSM,SGP,ops) 495,390- 1466- 105- D

E10RTS (EI2s EZ,FN,GS,EI3GU,EI4s GK,HE, EI5CZB,EI7CX,EI9FL,ops) 469,371- 1471- 103- D

VE3QST (VE3XN,op) 163,785- 755- 81- A

SN9C (SP9s ADV,GDO,JPA,MZP,ops) 147,390- 976- 85- D



Operators at JARL headquarters station JA3RL in Osaka, Japan, are busy securing their seventh-place finish.



John Anderson, WB6DFA, of Laguna Hills, California, had a great time operating phone-only from the Orange Section in Zone 6.

**Top World Scores**

Mixed		CW	
Call sign	Score	Call sign	Score
5H3TW	1,859,822	WB2Q	1,270,620
DL6FBL	1,366,014	N4RJ	1,017,640
K1CC	1,057,383	(KM9P,op)	
RW9WA	1,010,096	G3FXB	974,974
RH0E	963,010	RZ9UA	947,525
(RH8EA,op)		UL7CW	913,118
EX3A	917,769	K1TO	904,400
(UW3AA,op)		N5RZ	872,395
K3ZO	907,531	K5GN	747,826
EX6S	808,119	K6LL	711,674
(UA0SAU,op)		OH1AD	693,852
RW4LYL	767,167	<b>Multipoperator</b>	
K4PQL	716,001	Call sign	Score
<b>Phone</b>			
Call sign	Score	Call sign	Score
UTSJK	845,427	HG1S	3,342,547
YU3HR	822,780	HG0X	3,253,341
LYZZO	800,640	UC1OWA	2,716,532
(LY1R1-751,op)		RT1U	2,517,972
UA0TO	737,832	RQ9W	2,133,224
W1WEF	733,134	R6L	2,118,741
OH2BU	721,356	4L4F	2,009,250
(OH1EH,op)		UW2F	1,877,213
GM0ECO	686,488	UB3WA	1,824,992
HA0NAR	674,576	P30S	1,424,970
KW8N	658,750		
LY3BH	632,672		

The IARU HF World Championship offers something for everyone. You have the choice of operating CW and phone or just one mode, if you like. Anyone, anywhere in the world can be contacted for contest credit, with a QSO point structure emphasizing contacts with stations in other continents, but not ruling out QSOs with colleagues in your own continent or country. Multipliers are the 90 ITU zones and IARU headquarters stations around the world. Almost any station can be competitive in the HF World Championship. It doesn't take big antennas or a lot of power to enjoy it, as Dan, AA6LM, expresses, "I didn't need anything fancy to join the fun!" You don't even have to win in your Section or country to qualify for "wallpaper" in this one. You can earn a contest certificate just by completing 250 QSOs or getting 50 multi-

pliers and submitting your entry. If you demand a more intense challenge, such as finishing in first place or making the top ten, the championship offers plenty of tough competition.

See you in next year's championship, the weekend of July 13-14, 1991.

**SOAPBOX**

I passed my Extra Class exam the day of the contest and decided to give my new privileges a new try, and I even worked some new countries (N6NMMH). This wasn't much of an effort, but I had a lot of fun (WX0B). I enjoy the format of this contest! (W7YAO). I'll be better prepared next year (N7LOX). Conditions were good, although not as good as last year (AD5Q). I always enjoy the contest (W5NR). It was a great contest, as always, but propagation was not as good as it was last year. Even though I was tired in the wee hours of the morning, I still wish the contest was longer than 24 hours (WB7EZO). I'll see you next year, the good Lord willing (W1CNU). I didn't pay much attention to last year's results until I got the certificate in the mail (KC2TA). The propagation on 10 and 15 wasn't as good as last year and it seemed that the participation was down (K3IXD). This was my first DX contest (W3NGO). These were the worst conditions I've ever seen in a contest. What happened to the sunspots? (KD3GC). Although conditions seemed much better this year than last year, I still came out with about the same score (W9HE). I was glad to be able to do it again (PP7JCO). This was my first IARU contest, but not my last (LA9DFA). I had a nice holiday with my XYL (OH0/OZ1JVN). This contest is one of our favorites (OH1EH). I enjoyed every minute of the contest (OH6YF). It's good this contest lasts only 24 hours (OH5NFS). It was an interesting contest (OH3YM). 10 meters was a disappointment (OZTAX). It was an excellent contest, though conditions were not quite as good as last year. We're planning for next year already! (EJ1D). Conditions were not good on 10 or 15, but the QSO rate on 20 was better than usual (G4BKI). I enjoyed the contest, and hope to do better next year (GW0AJI). It was a good contest, but my going to bed at night cost me about 300 QSOs (PA0IJM). This is always the nicest contest of the year. I always anticipate it and the heat wave it brings with it (PA3EMN). It was hard to be active with the 35 °C temperatures (PA0DOM). It was a pity that activity from Africa and Oceania on CW seemed so low

**Top W/VE Scores**

Mixed		CW	
Call sign	Score	Call sign	Score
K1CC	1,057,383	WB2Q	1,270,620
K3ZO	907,531	N4RJ	1,017,640
K4PQL	716,001	(KM9P,op)	
KZ5D	623,691	K1TO	904,400
WD8LLD	577,096	N5RZ	872,395
(WD8AUB,op)		K5GN	747,826
WA3LFY	352,704	K6LL	711,674
WF5E	312,067	N2BA	674,730
K8AQM	280,600	(K8HVT,op)	
KY2J	261,970	N16W	659,475
WA5OYU	254,616	K8CC	646,668
		N6TV	579,852
<b>Phone</b>			
Call sign	Score	Multipoperator	Score
W1WEF	733,134	Call sign	Score
KW8N	658,750	K8AZ	1,010,940
K6SVL	361,485	K3EST	1,004,289
WB2K	360,360	K4VX/0	960,480
KASWSS	338,400	N8CXX	708,495
AA9A	308,976	K6XT	680,218
N6YKL	265,866	WW2Y	625,510
KB2BF	227,664	KA5W	600,288
KA1ION	220,168	KR0B	536,928
WW6O	152,470	NF7P	498,496
		K9SD	462,840

(PA0LOU). The power supply for my amplifier blew up at midnight (DL8PC). This is the best contest of all (DL20BF). Two watts worked great from here (DL/WC6U). The bands weren't good. Starting the contest at 4 AM was a change (AL7CQ). It was a lot of fun to enter a contest from my home town, where I hadn't been active for 15 years (IX1MOL). It was a good experience (IK3ORD). The tower and 20-meter antenna were destroyed in a heavy storm 12 hours before the contest (IV3TQE). This was an interesting contest (SP3XR). I ran out of electricity! (SV1RP). Conditions were bad this year (Y21CL). This was my first try at this contest (Y0SCTY). Although the propagation was poor, it was a nice contest (4N3AA). The contest was enjoyable in spite of the poor propagation (UA3DPX). It was an FB contest (UA3JD). We used four separate receivers coupled to a single exciter/PA (LY2WW). It was a nice contest! (YL2PJ). It was a good contest, but the conditions were bad here (ES4XB). The contest could have been great, as usual, if the propagation was as good as it should have been. I missed the skip to the Pacific on 10 meters, which cost me four multipliers (RV9CFA). This was my first contest! (UL7NEA).

**Scores**

Scores are listed by ITU zone and then by country within that zone. The line score indicates the call sign, final score, QSOs, multipliers and entry class. The entry class letters indicate the following: A = single operator, mixed mode; B = single operator, phone only; C = single operator, CW only; D = multipoperator, single transmitter.

<b>Zone 1</b>	K6SVL	361,485	977	87	B
<b>Alaska</b>	N6RVZ	148,434	505	78	C
KLYY	758,375	1539	128	A	
AL7CQ	367,520	1132	82	B	
AA6DX/KL7	218,198	681	79	C	
<b>Zone 2</b>	<b>Orange</b>				
<b>Alberta</b>	N8TIB	144,367	670	61	A
VERGEL	24,318	159	42	B	
<b>British Columbia</b>	NX6M	19,584	179	36	A
VG7ARS	65,721	348	57	A	
VE7XO	4,422	51	22	B	
VE7CC	688,995	1345	133	C	
<b>Zone 4</b>	N6WK	10,881	103	27	A
<b>Ontario</b>	N6YKL	285,866	972	73	B
VE3TJL	2,320	55	16	A	
VE3BXY	64,042	254	71	B	
VE3KP	254,088	827	76	C	
VE3OSZ	26,415	101	65	C	
<b>Zone 6</b>	WB6DFA	42,030	292	45	B
<b>W6</b>	N16W	658,475	1235	135	C
<b>East Bay</b>	W6SX	55,275	301	55	C
K160Y	1,108	27	14	B	
N6EK	277,276	742	103	C	
NF6S	277,090	613	110	C	
<b>Los Angeles</b>	AA6LM	1,785	39	B	
N6BP	42,849	173	69	A	
	<b>Santa Barbara</b>				
	WA6FGY	121,408	658	56	A
	W6BKY	11,760	137	28	C
	N6NMMH	8,568	65	24	D
	(+WA6IET)				
	<b>Santa Clara Valley</b>				
	NGIP	109,344	378	67	A
	NGJM	54,340	210	65	A
	N8NF	14,582	210	23	A
	KE8ZF	119,988	418	77	B
	WA8HRK	21,462	151	42	B
	N6TV	579,852	1178	126	C
	AD6E	91,016	400	62	C
	WX0B	88,440	338	66	C
	K6MJ	67,162	193	64	C
	<b>San Diego</b>				
	K16ZH	39,219	213	51	B



The operators of MRASZ headquarters station HG90HQ celebrate their first-place finish. Pictured (l-r) standing: Peter, HA5WE; Tibor, HA5LN, and his wife, Eva, HA5YLN; and Tomi, HA7RY; sitting: Simon, HA5IW; Peter, HA5MK; Zoli, HA5ML; Sanyi, HA5GF in front.





