

# Results, 7th IARU World HF Championship

This is what this contest should be: fun, lots of contacts and great DX—*Shawn, N1HOQ*

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There was a big difference between 1992's IARU HF World Championship and those of the past several years. Poor band conditions had led to a decline in scores and interest in the contest. The great propagation we enjoyed this year, however, has turned things around. The old adage proved true: When there are good band conditions, it's easy to work plenty of people and everyone has a good time while doing so. Participation in this year's contest, the weekend of July 11-12, really sprang to life! The level of enthusiasm was high. At ARRL HQ, the first thing we noticed was that entries increased 21% over the previous year and the number of Headquarters stations more than doubled from nine last year to 19 this year. It didn't take long to fill our filing cabinets with contest entries this time around.

Fifteen meters was wide open for the entire contest! For example, Charlie, K3WW, started on 15 meters and worked more than 700 stations in the first 11 hours of the contest. In fact, he was making five-point QSOs on 15 as late as 0230Z! Andy, UX6B, ran Japanese stations on 15 well into the night, finishing with more than 2000 QSOs and 78 multipliers on this band alone. Fifteen meters is becoming more of a mainstay, as 10 meters gets sluggish at this point in the solar cycle.

Although the usual summertime static appeared on the low bands, it didn't slow anyone down. The better-than-average conditions down there allowed people to make contacts that would have been much tougher to work in 1990 or 1991. Tony, ZL2AGY, concentrated on 40-meter CW and made 193 contacts with 100 watts and a dipole. Don't overlook this band! Forty meters can be a good backbone for working local stations, while the higher bands may only be good for long-haul DX.

A look at the Top-10 boxes shows how good things were. Scores were up dramatically over last year. Many overall winning scores from the past two years would have had a hard time just making the boxes this year. Forty-two zone records were set, most dating to 1989, the last year we had decent conditions. Three of the top four overall-score records were broken, as Gyozo, HA0MM, beat his previous mixed-mode record by 345k, and the team at UX1A de-

stroyed the previous multioperator mark by more than 2.7 million points. In the US, the KA5W multioperator crew in Texas topped N5AU's five-year-old record by 140k

## IARU Headquarters Stations

HG92HQ (HA1s VQ,WD,YA,YU,HA2RX,HA4s YD,XT,HA5s AWH,BGG,FA,FM,GF,IW,MK,ML,OM,OR,UA,HA6s GK,GM,IDL,ND,NF,NQ,ON,OO,VH,VR,VX,WP,WX,ZQ,HA7RY,HA0s DU,HG,LC,NAR,HG5CC,HG6GD,ops)	10,169,166	9920	294
DA0HQ (DF7RX,DG1RMP,DL1s DTL,SBR,DL2s NBU,SAX,DL3s OI,VHF,DL4NAC,DL5s ARX,LYM,DL6FBL,DL8WAA,Y21CW,Y28EK,Y32VK,Y33s UL,VL,Y42s IK,LK,MK,OK,Y54NL,Y57UG,Y77VH,ops)	9,751,980	10813	294
YP0A (YO2BV,YO3s APJ,AWT,FU,JF,YO4s ATW,BEX,HW,NF,SI,XF,YO6AWR,YO8s AXP,BAM,CMB,YO9s BEI,FE,HP,ops)	4,813,042	6421	247
ZA1A (DF3CB,KC6KOU,OH1MKT,OH2s BH,BSI,OH6EI,ZA1s B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z,ops)	3,809,520	8067	195
W1AW (N1CC,K2WR,KR2J,N2KW,WB2DIN,K3IPK,N3ADC,WN3K,ops)	2,188,480	4652	180
GB4HQ (G0HSD,op)/GB5HQ (G3OZF,op)/GB8HQ (G0MFO,op)	1,729,760	3220	160
SK3HQ (SM3s BDZ,CER,DMP,RAB)	1,503,212	2670	158
OT2O (ON4s ACG,KAR,VT,XG,ON5WL,ON6s NL,WL,ONL-8945,ops)	1,403,832	2570	174
4U1TU (IK2NCJ,IV3TAN,ops)	1,102,815	1953	111
FF1REF (F1s HXH,HYH,JTL,RWA,F11KV5,ops)	824,145	1896	105
JA3RL (JA3MAU,JG3RPL,J1SERV,J3WPF,JN3s QLL,VOG,JQ3OZY,JR4ISF,ops)	714,816	1406	153
OG8C (N6HR,op)	517,854	1289	102
TU2CI (TU2OP,TU2XZ,TU4EF,ops)	512,475	1375	75
LA7HQ (LA4s OFA,YW,ops)	403,798	1273	101
OE1XHQ (OE1s MCU,TKW,ops)	313,320	703	120
SV1SV (SV1s AHV,AOZ,BDO,BKE,MF,QN,ops)	216,580	926	98
PY5A	6,664	81	24

points. As the sunspot cycle declines, these records will be hard to beat.

It wasn't just the "big gun" operators who enjoyed this contest, however. The challenge of contesting is for everyone, and just about anyone can get on and have a good time. The incentive of earning certificates for making 250 QSOs or 50 multipliers adds to the fun of participating in the IARU HF World Championship. This way, you don't have to win to come away with an attractive certificate for your effort. Mike, KB9BIB, exclaimed, "I was hoping to make at least 200 QSOs, but I was surprised when I made 688!" Rita, KD1BM, remarked, "It was quite a contest, but I worked my heart out and qualified for my first contest certificate!"

The competition among IARU Headquarters stations was closer this year, with the Deutscher ARC's effort from DA0HQ giving a strong challenge to perennial top finishers HG92HQ from MRASZ. The German group topped the Hungarian's QSO total, but didn't make enough of the valuable five-point contacts to win. We welcome the IARU-member society headquarters stations from Albania, ZA1A, and the Ivory Coast, TU2CI, on their first entries in this contest.

The Radio Society of Great Britain (RSGB) took advantage of the rules for HQ stations and split its effort into three entries this year to maximize its score, while minimizing interference between its stations.



The team that put ARRL HQ station W1AW on for the contest included (l-r) Doug, N3ADL; John, KC1XM; Jim, N1CC; Bob, KR2J; Allen, N2KW; Bob, WN3K; Rich, K3IPK; and Rich, K2WR.

GB4HQ operated on the 80- and 40-meter bands; GB5HQ operated on 160 and 15 meters and GB6HQ operated on the 20-meter band. Their combined efforts gave the RSGB team a score of 1,729,760.

If this year's contest was a harbinger of things to come, you won't want to miss the next IARU HF World Championship. If you've never contested before, this is a great opportunity to get your feet wet. Thanks to Contest Assistant Anne Jaworski for her help in preparing these results. The 8th IARU HF World Championship is July 10-11, 1993.

### SOAPBOX

It was a nice contest, but to make a good score, I'll need better antennas (OD5/SP1MHV). What a difference a year makes! Conditions were much better than last year, with 15 meters open 24 hours a day and Europeans starting to come in on 10 Sunday morning. The hardest part of the contest was having to tell ZA1A he was a dupe (WD4AHZ). This is my first contest since getting my ticket in January. It's all new to me, but I enjoyed it very much (KQ4AX). I was surprised to find 21 MHz so good after several weeks of it being almost dead! (LA2AD). It was my first, but not last, IARU HF championship. I'm looking forward to next year (OZ9AEC). This was my first serious participation in this contest and I enjoyed it very much (ON4APA). I was happy to work two new countries during the contest (JA1ASO). Using only a temporary setup, I managed to have lots of fun! (YB3ASQ). Since 1983, this is the first time I've been able to take part in the contest and it was great to be back! I've retired to my country home on a few acres of land, and now I'm growing antennas as a hobby—unfortunately, they're slow growers (VK2AYD). The contest was lots of fun. I worked many familiar call signs and many new ones. My main interest this year was to give 40 meters most of my attention (ZL2AGY). It was a great contest for me as a 16-year-old boy. I found it an interesting challenge (Y24AO). This was the first time we used a linear amplifier. It arrived the day before the contest (5B4ACY). It was great to only have to search and pounce three times on 20, and it was great when ZA1A answered my CQ (KB9BIB). I seemed to be a multiplier for everyone. It was great! I'll be back next year, for sure (CT1BWW). It was difficult to operate in the contest, but at the same time, it was a pleasure! Next year I hope to do better (YO5BQ). This is the first time I participated in this contest. I found propagation to be very good! (UX6B). The contest was nice. It was too bad I missed the 80-meter openings (UA6BPJ). Although I only had a few hours to work this contest, it was nice (LA0CX). We had to use our home station, as the antennas at our club site crashed during a heavy



Lionel, G5LP, listens intently for another contact at the well-equipped GB4DX.

### Top World Scores

#### Mixed

Call	Score
HA0MM	2,274,024
KL7Y	1,421,676
UA3RAR	1,293,872
UT4UZ	1,275,092
RT9I	
(RB5IM,op)	1,239,480
UT5UGF	1,209,274
YU7AV	1,157,518
K3WW	1,150,876
A17B	1,137,300
OG6NIO	1,098,495

#### Phone

Call	Score
RY7D	1,257,450
UX6B	1,239,087
ON6TT	1,175,850
GM0ECO	1,065,991
5Z4BI	1,033,965
DLBPC	1,013,595
YU3HR	991,935
K4XS	
(WC4E,op)	960,644
Y23A	
(Y23EA,op)	934,768
WB2K	891,648

#### CW

Call	Score
ZY1R	
(YU1RL,op)	2,053,014
SB4ADA	1,601,600
CO8M	
(CT1BOH,op)	1,492,590
K1TO	1,164,670
G3FXB	1,121,400
EX0S	
(UA0SAU,op)	1,101,168
ZD8LII	1,037,088
W0ZV	1,020,537
9A1CCY	
(9A3NM,op)	957,768
WQ5W	933,910

#### Multioperator

Call	Score
UX1A	6,065,368
HG1S	3,214,827
RY0Q	2,932,440
4K5Z1	2,711,520
EZ6L	2,116,980
R9J	1,962,584
KA5W	1,776,349
GB4DX	1,688,487
9A1CRT	1,217,610
UB3JWW	1,189,377

### Top WVE Scores

#### Mixed

Call	Score
K3WW	1,150,876
A17B	1,137,300
K25D	831,174
KW8N	
(NZ4K,op)	802,961
WX9U	570,696
VY2SS	568,242
W1GD	487,320
CJ4VV	449,955
KN1M	441,843
KG5YA	401,744

#### Phone

Call	Score
K4XS	
(WC4E,op)	960,644
WB2K	891,648
WB5NXH	788,222
N4UH	536,507
N1HOQ	403,624
K4VUD	398,820
AA4NU	331,315
KM6HD/5	305,286
N6WLX/8	303,698
W8KKF	266,196

#### CW

Call	Score
K1TO	1,164,670
W0ZV	1,020,537
WQ5W	933,910
KB0G	829,184
W1WFF	788,956
KT3Y	774,400
N6TR	732,814
AD5Q	688,250
K5RC	
(K5GN,op)	674,520
WA6AUE	571,692

#### Multioperator

Call	Score
KA5W	1,776,349
N2IC/0	1,174,497
W1W2Y	891,328
K9FD	788,891
NC0P	703,647
K9SD	646,410
WX0X	643,200
KS1A	574,902
NR1L	565,425
W8IQ	547,200

storm earlier this year (PI4COM). A barefoot transceiver and a few pieces of wire equals summertime fun! (AA6DX). This was my first participation in any contest. I enjoyed it very much (7K2DOD). This is my first time in this contest and I enjoyed it. I managed to work two new countries. My goal was to make 250 contacts and I was pleased when I did (N9MDW/5N6). The contest was excellent, with excellent conditions and excellent operators, but the W/Ve turnout was poor. I love the 24-hour format! (N6EE). It was a nice contest, and I enjoyed it (RB5EL). This was only the second contest I've worked. It was definitely the best! I was able to make contacts with many countries (N1KFN). Thank you for an excellent contest! (LZ3FN). To me, the contest was certainly a challenge this year because prior to the contest, all of our antennas were destroyed during a June 19 storm, except for our 2-element 40-meter beam at 20 feet, fixed NE. I'll be back for the next IARU contest (N5CG). I used 100 watts and low dipoles. I want to thank the operators who pulled me out of the noise! It was a fun contest (KB1GW). Thank you for a nice contest (YL2GVV). The first two hours were great, then the amplifier broke! It was 2100Z before I was able to get it to work again. I found the low bands disappointing, but the 15- and 20-meter bands made up for it. Thanks to YJ8RN for the new multiplier and an all-time new one (KM6HD/5). This being my introduction to the IARU contest, I found it enjoyable! (NH6HF). Even with bad propagation, the contest turned out nice. I hope next year is better! (IK0HBN). It was a great contest with unexpectedly good band conditions. I waited too long to go to 40 meters. Where were all the multipliers? (NP2I). It was a good contest with much better conditions than last year, except activity on 10 meters was too low (PA0IJM). This is the first contest I've participated in, and it was great fun. This was also the first time I spent any time on 40 meters, which I found enjoyable (N7UJJ). Without the solar storms, propagation was better than last year (KE2JO). What else is there to do when the temperature is 110° F but work a contest! (WA0KDS). This was my best score ever! What more could a suburban ham ask for? CU next year (WB2K). The conditions were 10 times better than last year! The 15-meter band was great through the whole contest (NR1L). At last, Lady Luck smiled on me in this contest! The competition was enjoyable. Thanks a million! (UB5LCV). It was a good contest, and not a marathon. The 24-hour length suits me fine! (ZD8LII). Having a lot of QRM/QRN made for poor conditions (HA5LZ). The bands were better than last year, but there seemed to be less participation. CW was more productive (N5NMX). I'm 17 years old and this was my first contest (OE1MBB). It was a great contest! (DL2MEH). Thank you for a nice contest! If possible, I'll take part again next year (DL9MFL). After lightning had disabled most of the station, it was a challenge to get on the air.



Members of the Albanian Amateur Radio League activated ZA1A in Tirana as an IARU HQ station for the first time in this contest.



Sixth-place mixed-mode finisher Dmitry, UT5UGR, of Kiev, remarked, "Conditions were great this year and I can't wait to do it all over again."



Ivo, 5B4ADA, of Nicosia, Cyprus, sits in front of the 14-element log periodic that helped him to his second-place overall, CW-only finish.

Then, more thunderstorms came and a blown amp took us off again! Regardless, the young operators that we had performed well (WX3N, op at WXØX). As I'm getting older, I'm getting better (AE2N). It was a good contest! (UA1NDV). It was hard to participate in the contest, as it was a beautiful summer day! (WAØOU). Let's hope this contest is as much fun when the sunspots go away! (K1TO). Did anyone else do better this year than last? This is what the IARU should be---fun, lots of contacts and great DX. I only wish I'd done more "sleep preparation" for the contest (NIHOQ). Graduate school has kept me away from the radio for almost two years. It was nice to dust off the rig and find the contest! (NZ3O). This was my first attempt in a foreign contest. I was glad I took part, as it was fun (JQ1OCR). I had a lot of fun with my window antenna! (DL1OO). We seldom have such good conditions. The only trouble was the QRN on the lower bands! (DL8PC). I didn't expect the 15-meter band to be so good! This year's score will be hard to beat (AD5Q). Propagation was good, but signals were weak! It was a pleasure to compete for the full 24 hours, and I enjoyed meeting new and old friends, using my usual ineffective hunt-and-pounce technique (VE1REC). It was an interesting contest! My special thanks to Rolf, PY1RO, and Sonta (YU1RL/ZY1R). I almost doubled last year's score (IG8R). This was our first contest where we worked as a team. We hope we'll do better next year (DL1RNH). It was difficult to run in the contest during Stampede Week in Calgary! (VE6SH). I've been an SWL for years. This is my first contest, as I've been licensed for only three weeks (GIØSAP). Propagation was excellent and the level of activity was good. I enjoyed it. (ON6TT). I get a lot of pleasure participating in this contest (ON6TJ). I found 10 meters nearly dead and 40-meter phone was too crowded. It was a nice contest, but I'm hoping for better conditions next



Well-known contester Jan, PAØIJM, led The Netherlands in the phone-only category. He claimed, "It was a good contest with much better conditions than last year."

year (DLØTO). As I was tired because of a university examination, I could only stay awake for 10 hours (LZ3YY). I found conditions on the 10-meter band poor. Next year, I hope to have a decent antenna, so watch out! (OZ2ZZZ). Thanks for a nice contest (4K5ZI). The conditions were good, which made this a good contest! (OK3ZBU).

### 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 = multioperator, single transmitter.

Zone	Country	Call Sign	Score	QSOs	Multipliers	Entry Class	
Zone 1	Alaska	KL7Y	1,421,676	2432	138	A	
		NL7HT	20,202	130	37	B	
		KL7FAP	5,420	67	20	B	
Zone 2	Alberta	VE6GEL	132,812	488	72	B	
		VE6SH	462	23	11	B	
		CJ6BF (VE6BF,op)	140,475	484	75	C	
Zone 3	Ontario	VE3TFE	1,666	27	17	A	
		VE3TPB	3,040	44	16	B	
Zone 4	Quebec	CJ2AWR	42,732	301	36	A	
		VE2WAT	63,950	301	50	C	
Zone 5	Ontario	VE3ZD	41,344	180	84	B	
		VE3WDJ	8,840	84	24	B	
		VE3OMU	3,703	41	25	B	
		VE3KP	313,860	814	84	C	
Zone 6	East Bay	KK6XA (+KD6s AQB,JSC)	29,250	126	45	D	
Zone 7	California	W6WV	58,724	274	58	B	
		W6AUE	571,692	1073	132	C	
Zone 8	Connecticut	KJ4KB	2,576	38	28	A	
		KD1BM	60,456	230	66	B	
		K1TO	1,164,870	1595	170	C	
		K1ZF	185,944	541	88	C	



Czechoslovakia

Table with columns for country code, value, and other metrics. Includes entries like OK1FKV, OK1KZ, OK3CDZ, etc.

Slovenia

Table with columns for country code, value, and other metrics. Includes entries like YU5DZG, YU3HR, YZ3A, etc.

Poland

Table with columns for country code, value, and other metrics. Includes entries like SP9LJD, SP9TCE, SP3DIK, etc.

Romania

Table with columns for country code, value, and other metrics. Includes entries like YO2DFA, YO7LJV, YO5BO, etc.

Yugoslavia

Table with columns for country code, value, and other metrics. Includes entries like YU7AV, YU7KM, YU7JK, etc.

Zone 29

Estonia

Lithuania

Table with columns for country code, value, and other metrics. Includes entries like LY5R, LY1BC, LY2BN, etc.

Kaliningrad

European Russia

Table with columns for country code, value, and other metrics. Includes entries like UA3RAR, UX3D, RA6LW, etc.

Moldova

Latvia

Zone 30

European Russia

Asiatic Russia

Turkmenistan

Uzbekistan

Kazakhstan

Uz7BN

Kirghizia

Zone 31

Asiatic Russia

Kazakhstan

Zone 32

Mongolia

Asiatic Russia

Zone 33

Asiatic Russia

Zone 34

Asiatic Russia

Zone 35

Asiatic Russia

Zone 36

Canary Islands

Zone 37

Portugal

Spain

Balearic Islands

Belarus

Zone 39

Israel

Cyprus

Lebanon

Zone 41

India

Zone 44

China

Korea

Zone 45

Japan

Uzbekistan

Kazakhstan

Uz7BN

Kirghizia

Zone 31

Asiatic Russia

Kazakhstan

Zone 32

Mongolia

Asiatic Russia

Zone 33

Asiatic Russia

Zone 34

Asiatic Russia

Zone 35

Asiatic Russia

Zone 36

Canary Islands

Zone 37

Portugal

Spain

Balearic Islands

Belarus

Zone 39

Israel

524BL

524TT

Zone 50

Philippines

Zone 51

Papua New Guinea

Zone 53

Malawi

Zimbabwe

Zone 54

Indonesia

Zone 55

Australia

Zone 57

South Africa

Zone 58

Australia

Zone 59

Australia

Zone 60

New Zealand

Zone 61

Midway Island

Hawaiian Islands

Zone 63

French Polynesia

Zone 64

Zone 65

Federal States of Micronesia

Zone 66

Ascension Island

Checklogs

Nigeria

Niger

Zone 46

Nigeria

Zone 47

Central African Republic

Zone 48

Kenya

