

Results, 8th IARU HF World Championship

I guess it'll be several years before DX conditions get better, but I'll keep trying.—*Bill Littlewood, W9HE*

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

This contest is the cure for the summertime blues! On the weekend of July 10-11, 1993, while thousands spent time sweating in the hot sun, fighting off mosquitoes or getting sunburned at the beach, hams took to their cool basements (or air-conditioned shacks) for a welcome break from the drudgery of mowing lawns and washing cars, to give the International Amateur Radio Union (IARU) HF World Championship a whirl.

Contests attract people for many reasons—some for the competition; some to work DX; others, like Dan, N9XX, get on to collect wallpaper. As he puts it, "Other than for the pure pleasure of getting in the fray, a primary motivator is the award endorsements for 250 QSOs and 50 multipliers. If I could have operated 24 hours, I would have done so. The availability of these awards is reason enough to hang in there a while longer and ferret out another multiplier or one or two more QSOs."

In the DXing department, the group at SU2MT attracted a lot of attention. Not only was it a Zone 38 multiplier, it was a new country for many DXers. Other choice DX spots were active during the contest, such as Market Reef and St Paul Island.

One thing is sure, this contest is fun and it attracts a lot of interest, especially in Europe and among hams in the Commonwealth of Independent States (the former Soviet Union). The key to your score in this contest is how many Europeans you can work. A scan through the Top 10 boxes shows that to make it to the top, you needed

to be in Europe (like HA0MM) or in a place where you could work a lot of Europeans (such as 4X/S59PR or PY0FF). In fact, 29 of the top 40 stations worldwide were in Europe.

How did this year's contest go? Conditions were off a bit from last year, and many people remarked that they seemed more like the norm for this contest, at least judging from the past several years. Summer propagation makes for rough going on 80 and 160 meters, and at the present point in the sunspot cycle, there isn't much to work on 10 meters. Yet, even with conditions lacking, activity edged upward by 2.7%. Can it be that contesting is on the rise?

IARU Headquarters Stations

HG93HO (HA1s VQ,WD,YA,YU,HG1W,HA5s AWH,BGG,FA,FM,GF,JW,LN,MK,ML,OM,TI,UA,WE,HG5CCG,HA6s DX,FQ,GK,GM,IAB,IOB,KNV,ND,NF,NG,NQ,NY,OB,OI,OO,OO, OY,PN,PX,VH,VR,WI,WP,YR,ZV,HG6GD,HA7s JES, PO,RY,VB,HA8s IE,RG,TK,HA0s DU,NAR,ops)	7,246,498	8598	283
DA0HQ (DL1s AKW,DTL,EMY,IAO,SBR,DL2s DRT,EBX,KDM,SAX,SDN,DL3s AOK,ART,DX,DZZ,OI,RMA,VHF,DL4NAC,DL5s ANT,ACM,ARX,ATD,AXX,LYM,SFI,DL6s CKF,FBL,DF7RX,DJ7AA,DL7sUTA,VNF,WAA,ops)	6,409,408	9098	272
YP0A (YO2s BBT,DFA,GZ,YO3s AC,APJ,CDN,FRI,FU,JF,XL,YO4s AB,ATW,HW,NF,SI,SF,YO6s AWR,CFB,JN,YO8s AXP,BAM,BIG,CMB,RSL,YO9HP,ops)	4,966,200	7318	267
OL1HQ (OK1s ARN,AYP,CF,DFP,DRU,DWX,DXS,FCW,FIA,FMJ,FUA,HH,II,JDX,JJB,MPP,NK,TW,ops)	4,721,888	6518	244
EM5HQ (RB4QR,RB5s QA,QDP,QMA,QRQ,QRW,QW,UB0QQ,ops)	4,809,375	5302	295
LZ7A (LZ2s AI,AP,PP,UU,ZF,LZ3s AW,BG,DJ,FM,SM,UA,LZ4AX,ops)	2,557,720	4501	220
OT3H (ON1AKP,ON4s AMI,AXV,KAR,VT,XG,ON5DO,ON6s JG,LO,NL,ON7s BW,SF,ZM,ops)	1,753,092	2970	198
SK3HQ (SM3S BDZ,CER,DMP,RAB,SM0JHF,ops)	1,574,911	2935	169
GB4HQ/GB5HQ (G3s OZF,XMZ,G4s DWW,WNX,ops)	1,533,506	2806	169
W1AW (KC1XM,NJ1F,W1WEF,WZ1R,K2WR,KR2J,N2BCC,WB2DIN,K3PK,N3ADL,ops)	796,543	2577	121
P20A (P29s DX,JA,NAG,ops)	763,767	1399	113
OE1XHQ (OE1s MCU,TKW,YU4JJ,ops)	664,249	1405	151
Z30RSM (Z37CEF,op)	615,600	2485	108
LU4AA (LU1CN,LU5DZ,LU6BDG,ops)	425,829	649	129
JA3RL (JA3MAU,JE3EIG,JG3RPL,JJ3ERY,JJ3WPF,JN3s QLL,VOG,JP3LKR,JQ3OZY,JR4ISF,ops)	361,928	1626	92
PI4AA (PA0LOU,op)	272,034	827	102
SP3PZK (SP3s AMZ,FEI,FHK,MEP,VKK,VKO,ops)	146,804	611	198
VE5QST (VE5s JZ,PE,PF,SV,SZU,UO,VA,XP,ops)	81,770	696	37

Many entrants thought that, outside of 20 and 15 meters, conditions were dead, but that wasn't so. Each of the top finishers reported making 100 to 200 contacts on 10 meters, and each made 250 to 300 QSOs on 40 meters. This shows that a band may not be as dead as you think—everyone else might be *listening*, too. There are people who let conditions challenge them and others who challenge the conditions. Which are you? Bill, 5Z4FO, reported, "Who said that 10 meters was dead? I worked VP2EY at 1824Z, a distance of 10,700 km!"

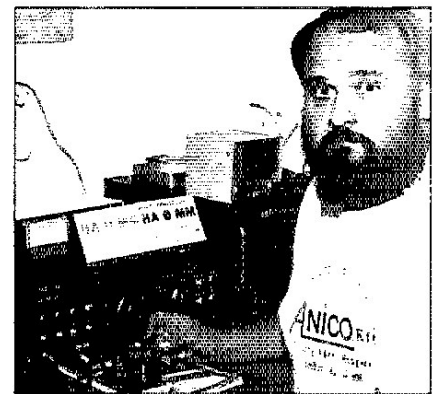
Top Finishers

In the Mixed-Mode competition, Gyozo, HA0MM, fought off a strong challenge from Robert, 4X/S59PR, who had more QSOs, but came up short on multipliers. HA0MM did a great job on 20 and 15 meters; more than 50% of his QSOs were on 20 meters and 25% were on 15. He made 200 QSOs in his first hour on 20, working mostly stations to the east. He was even working stations at a good clip in the wee hours of the morning, 0300 to 0500Z; and he made 162 contacts on 20 in the last hour of the contest.

For Radiroje, YU1RL, operating PY0FF on CW, and Atilano, PY5EG, operating as ZW5B, the story was much the same, although Radiroje made more QSOs on 15 meters than on 20. As they started the contest, 15 meters was wide open to Europe and they made good use of it.



Operating at W1AW is so exciting! Rich Gelber, K2WR, takes an unplanned break from 40 meters, while Brian Szewczyk, NJ1F, hands out multipliers on 15.



Gyozo Macsuga, HA0MM, looks stunned after his First-Place, Mixed-Mode, World effort.

Top World Scores

Mixed Mode

Call	Score
HA0MM	1,999,404
4X/859PR	1,862,764
RB5FF	1,313,435
US51 (RBS1M.op)	1,155,684
UT4UZ	1,022,286
LY2IJ	961,865
UA3RAR	839,581
LY1DS	806,494
ZV7A (YT1AD.op)	771,284
GI0KOW	742,560

Phone Only

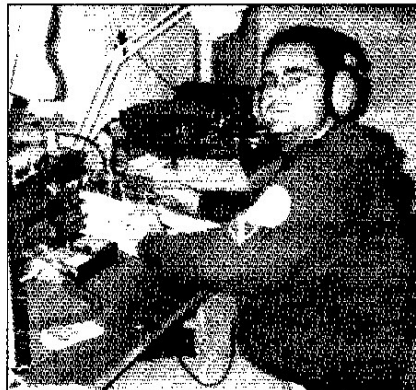
Call	Score
ZW5B (PY5EG.op)	1,649,071
CT4NH	1,348,032
S52AA	1,309,128
S53EA	1,008,120
ON6TT	947,760
TU5DX	886,816
5Z4BI	820,704
YT7A (YZ7UN.op)	755,090
GM0ECO	734,544
OH1EH	692,664

CW Only

Call	Score
PY0FF (YU1RL.op)	1,580,436
P40WW (KD6WW.op)	1,410,886
RZ9UA	1,176,751
GR8ZZ (K1ZZ.op)	1,046,760
7Q7XX	964,541
US8I (RB1IZ.op)	955,890
UT5UGR	949,975
SP6YAO (SP3ASN.op)	754,120
ZL3GQ	708,698
OH2PM	675,240

Multipoperator

Call	Score
HG73DX	3,195,000
C49C	2,077,507
LZ5W	1,737,120
UY7E	1,683,045
R6L	1,667,160
UZ6AXS	1,581,085
9A1A	1,470,084
URBJ	1,416,780
US7I	1,138,080
IR2W	1,080,785



Javier Campos Jr, AH6MM, was part of the team that put OJ0/OH1VR on Market Reef on the air for the contest.

Top WVE Scores

Mixed Mode

Call	Score
N6NMX	542,503
N4ZC	246,468
N6IP	233,714
N6NF	229,420
WA5OYU	208,350
W1GD	180,395
KZ1M	175,316
K8UNP	154,133
KC6CEX	131,436
AG8L	127,882

Phone Only

Call	Score
KW8N	489,041
K5XI	387,436
WB2K	352,108
N6WLX/B	184,675
WB2NQT	164,528
AA4NU	141,911
KE2JO	133,668
KB2R	116,578
WM2V	115,344
NB1B	115,068

CW Only

Call	Score
K5GN	622,636
N2BA (K8HVT.op)	617,858
KT3Y	520,028
N6TH	512,556
K5MR	437,895
W6YA	431,760
AA6TT	397,116
WZ3Q	377,330
K4LTA	284,695
N8LXS	280,462

Multipoperator

Call	Score
WX0X	840,420
W5WMU	766,035
K5NA	666,624
K9SD	448,008
KN2T	403,920
K9SF	397,167
W4AQL	395,460
K6XT	392,730
KR0B	380,928
W6AQ	337,120

North American stations didn't start showing up in their logs until about 1600-1700Z and disappeared about 90 minutes later. PY0FF's somewhat rare location attracted hordes of European stations and being from South America allowed the operator there to make a larger number of five-point QSOs.

Headquarters Stations

In the IARU Member-Society Headquarters Stations competition, the group from MRASZ in Hungary, HG93HQ, rolled up another bonecrushing score, finishing with 7.2 million points. The Germans of the Deutscher ARC, operating DA0HQ, put in a good effort, again finishing ahead on QSOs, but behind by 11 multipliers and the important three- and five-point contacts. All together, 18 IARU member-societies handed out multipliers this year.

Let your friends suffer in the heat while you have a good time—the next IARU HF World Championship is July 9-10. Be on the air; you'll have a good time! Thanks to Contest Assistant Anne Jaworski for her help in preparing these results.

SOAPBOX

Conditions were poor and I didn't get a lot of sleep. I'll see you next year from somewhere else! (HB0/DL7VOA). Three days before the contest, storms wiped out my electricity! I was forced to use a generator during most of my operating time. When the electricity eventually came back on, the HF bands were too noisy to continue, forcing me to stop (N0UAX). I enjoyed the contest and look forward to my certificate (JK1AJX). This is a great contest! (VK2ARJ). Ten meters was dead the entire weekend (VK2AYD). I encountered many familiar call signs and many new ones. I had a lot of fun and I'm already looking forward to next year (ZL2AGY). The conditions were ordinary, but we had a lot of fun (OK5A). After last year's good propagation, we went back to the "normal" lousy conditions of previous years (P20A). Conditions were worse than last year, but this was no big surprise (VK2APK). It was a good contest, but this



Robert Kasca, 4X/S59PR, put up a strong fight for first place in the Mixed-Mode category, finishing just short of the top spot.



The crew at OK5A found it easier to participate with someone else helping to take care of cooking and other details. Shown here are (l-r) Vitek Kuncar, OK2PSZ; Jana; Sarka; and Zdeno Sterbacek, OK2PZW.

year it was awfully tough to pull the Europeans through from here (VE6BIR). I wanted more from the IARU contest, but the passing electrical storms prevented that (N0FBA). Propagation was good to Africa! (OH2BLF). It was a pleasure to work this contest, even though propagation wasn't always friendly (Y05BQ). The conditions on high bands were poor, but I enjoyed the contest (JA1BNW). Conditions on the equator were very poor during the contest, and as a result, I fell far short of my scores over the past two years (5Z4B1). This wasn't my day to contest. Band conditions were poor at the start, I got stung by a wasp, and after the band opened up, my power amplifier gave up the ghost

with a bang! I'm hoping for better luck next year (VE3CWE). The contest was great! See you next year (KJSCZ). I worked the contest with my 20-meter dipole in the attic and 100 watts, which partially accounts for my poor signal and poor showing. Many thanks to all who persevered to pull me through and give me another contact (AA3CN). This is my first contest. I was overwhelmed by "mike fright" at the start (HASCAC). It was a nice contest and we're already looking forward to next year (9A1CED). We were happy to take part in the IARU contest (UZ9CYA). We were surprised to have better rates on CW than on phone! Conditions were poor on the lower bands (C49C). Conditions were poor this year. Let's hope they'll be better next year (DL2DRZ). After three hours into the contest, I discovered that my 20-meter antenna wasn't working well. My brother tried to fix the quad, but without luck (S51DX). The conditions were poor, but I enjoyed the contest (UA3DPX). The contest was fun, but the bands were terrible. It was great to work SU2MT on 40 meters (K9SD). I enjoyed the contest despite the poor conditions and I'm looking forward to next year (VE3EL). This is always a good contest, but DX conditions this time were only a shadow of those of last year. Only a few DX stations received here had an S7 signal and most were S5-6. I was lucky to be received with an S5, judging from the trouble some had in getting my call sign correct. I guess it'll be several years before DX conditions get better, but I'll keep trying (W9HE). During the night, propagation was down, but we decided to go on, as this is a nice contest (CT3EE). Conditions were so poor that I didn't work a single JA on 15 meters. I still can't believe it! (OH1EH). Even Marconi would have flipped the switch on this one! (N6PEQ). This contest is one of my favorites and the closest thing to a perfect contest. The multipliers are numerous enough to be fun, and the point system lets you work Stateside when conditions are poor and still put together a decent score (KB4G1D). I enjoyed operating for a few hours while on vacation (EI/G4BUO). The conditions were more challenging this year (AA2GS). I thought it was a great contest! (LZ3HI). Thanks to all for an enjoyable contest (LZ2HM). Because of too much work at the office, I got a late start in the contest. I need to get a new job that doesn't interfere with contesting so much! I worked some VKs on 15 meters at 0525Z long after the band had closed for everyone else (K5XI). Despite poor HF conditions, it was again a great contest (F6IIE). It was fun and I was pleased to take part in this worldwide contest operating QRP! (UL7IDX). To my regret, I was unable to break the pileup and work SU2MT (JF3IUC). This is my first contest after many years off the air. I enjoyed it and I like the 24-hour format (KW8J). This contest is one of the nicest. It was fun for all the operators (UR8J). I heard a lot of weak stations calling from Europe on 20, but I couldn't copy most of them (KE2JO). Band conditions were terrible and my old amplifier

bit the bucket (KA1J). Conditions were poor during the contest period (G0NKL). I lost a lot of time because of electrical storms (N6QLQ/YB5). I used the occasion to have a homecoming event for past Louisiana contesters and I hope to make this an annual event (W5WMU). This was my first time participating in this contest and I had a great time (WQ2M). It was a good contest. I was pleased to receive an award for last year's operation (PA0MIR). This was our first effort! We look forward to next year (SU2MT). The conditions on 21 and 28 MHz were poor (5N0MVE). The conditions on 20 meters weren't very good in the morning, but improved as the day went on. I ended up staying on 20 meters because 15 and 10 meters seemed dead. I found a lot of activity and plenty of new stations to work and as usual, it was a fun contest (AA0NB). The contest was nice, but the conditions were not! (OH3OJ). Conditions weren't too bad and as usual, it's always fun to participate (DL8PC). Conditions weren't too good this year (YL2SW). We entered this contest for the first time as multiops and, needless to say, we had lots of fun! (KN2T). Propagation was significantly worse compared to last year. I found almost no JA or Stateside stations on 15 meters, but I had a good Stateside friend on 20 meters (ON6TT). I enjoyed the con-



Pat Sonnier, W5WMU, held a reunion of Louisiana contesters over the weekend with (l-r) Jim Moore, WU3V; Randy Davis, W0MJ; Pat; and Dan Edwards, W5XZ.

test! The basement ham shack I have was a comfortable place to be during our July heat wave (KA1UEH). This is my first DXpedition. I operated on the beach! (K4VUD/KP2). Even though the conditions to the US and Japan were poor, I did enjoy the contest (UT4UJ). I can only hope for better conditions next year than we had this year (N7JXS). I didn't hear a single W or JA on 10 or 15 meters, so conditions were rather poor (LA4YW). Murphy struck! The amplifier failed on the second QSO, the beam got tangled with the inverted V and wouldn't rotate, I forgot to set the computer time to UTC and I had a power failure. Conditions varied from bad to worse. I never heard a single W/VE on 15 meters (KL7Y). I enjoyed the contest, despite terrible propagation conditions here in Denmark. The skip length seemed to get shorter and shorter all the time, so much so that at the end, I think I was talking to myself! (OZZZZZ). It was a nice contest, but conditions were poor. I only hope they'll improve next year because I'll be there! (ON4ZD). I enjoyed operating from a different place than usual, it was fun. My only regret was not having had the opportunity to go head-to-head with AI, G3FXB (K1ZZ). It was good fun. A thunderstorm took out the power for about two hours and I had to sleep a little, but all else went fine (AA5ZQ).

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: 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	KL7FAP	1,785	29	15	A	
		KL7Y	373,248	978	96	C	
Zone 2	Alberta	VE6BIR	15,365	126	35	A	
		VE6BF	94,316	373	73	C	
Zone 3	Manitoba	VE4RP	12,768	146	24	B	
		VE4VY	118,638	647	58	C	
Zone 4	Ontario	VE3CWE	8,586	86	27	A	
		VE3IEE	8,088	39	24	A	
		VE3EL	15,965	126	31	B	
Zone 5	East Bay	KK6XA	608	22	8	B	
Zone 6	Los Angeles	KU6T	29,751	181	47	A	
		N6BP	16,438	84	48	A	
		K6BYX	58,212	360	84	B	
Zone 7	Arkansas	KM5G	99,769	511	59	C	
Zone 8	North Texas	K5OJ1	141,708	485	84	C	

OM3TUM 3,120 82 20 C
OM3KFF (OM3s TLU,TPG,TRG,ops)
OM3RKA (OM3s CFC,QGR,TD,TTZ,ops) 785,876 1247 182 D

RA3DFP 41,106 384 39 A
UA6BFP 193,494 648 102 B
UA6C 117,993 405 100 B
UV3DCR 83,168 276 13 B
RA3HK 61,915 353 61 B
RW3DW 31,280 782 40 B
RA3DNC 10,808 143 28 B
UA4AVN 4,655 106 19 B
RA3XO 283,290 714 142 C
RA3PP 125,045 505 89 C
UV6L,NW 162,526 586 81 C
UA3YAO 150,100 541 100 C
RA3AP 125,045 505 89 C
RA3XA 98,280 390 83 C
RA4HRL 60,900 264 75 C
RA4YJ 55,015 173 85 C
UV3DRU 52,332 166 98 C
RA1WJ 14,858 243 24 C
UA3MF 13,020 213 20 C
UA1TFP 12,213 75 59 C
UA3VHP 8,932 147 28 C
RGL,UB3W,UB3ISG,UA6s LFO,LLO,UV,UV6L,PL,UA6s-150-1403,ops) 1,667,150 2362 220 D
UZ6AXS (RW6YZ,UA6s AJJ,QA,ops) 1,581,085 2333 209 D
UZ3DZD (RV3DA,UA3-142-1896,ops) 152,334 509 103 D

RW9SW 346,032 688 118 C
UA9AKS 53,680 217 44 C
RV6C 28,520 151 46 C
UZ9CYA (+ops) 51,600 250 50 D

Korea
HL3AP 15,469 139 31 C
HL0K (HL1s LME,LUL,ODG,HL2D,N,HL3EAT,ops) 55,990 294 85 D

Zone 50
Philippines
DU9RG 230,400 549 80 B
DU7AFT 372 14 6 B



Feedback
See February 1993 QST, pp 105-108. In the W2BN (WZBN) was phone-only, and not Mixed mode. This makes him the third place, WVE, phone only; and K5ZD the tenth-place winner in the mixed-mode category.