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QST Issue: Feb 1987

Title: Results, 1st IARU HF World Championship

Author: Robert Halprin, K1XA

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Results, 1st IARU HF World Championship

By Robert J. Halprin, K1XA
Deputy Manager, ARRL
Membership Communications Services

and Billy Lunt, KR1R
Assistant Contest Manager,
ARRL

While Ted Turner's Goodwill Games—an off-year Olympics, perhaps—were going full throttle last summer, Amateur Radio had its own version of a world-class track meet—the first running of the IARU HF World Championship.

The HF World Championship is a slimmed-down version of the IARU Radio-sport Championship, which had been an annual July event for the past nine years (itself having its genesis in the 1976 Bicentennial Celebration). The International Amateur Radio Union (IARU), which is the Amateur Radio equivalent of the United Nations, took some steps to streamline the event and increase the international flavor in 1986, first by the new name (which by definition no longer credits VHF activity), second by adjusting the contest period to 24 hours, and third, by providing a bonus-multiplier system for working IARU member-society HQ stations. These enhancements seemed to have worked, since activity and enthusiasm (and log entries—1397 this year vs 1297 last year!) increased significantly. Even with the abridged operating-manhours, scores were quite respectable, indeed. We don't know for sure how the Goodwill Games did, but we know that the IARU HF World Championship was a resounding success. Radiosporting,



The crew of OH0MD/OJ0 racked up over 1100 QSOs during the 1986 IARU HF World Championship. From left to right: OH2BAZ, K8MFO, OH0RJ, OH0NA, OH2BH, W6EUF and K8MN.

IARU Headquarters Stations

Y81HQ (Y21YK, Y23EK, Y24UK, Y42s LK, MK, NK, oprs) 2,167,488-4496-159
 YO0A (YO3s AC, CD, FU, JW, QK, YO4s ASV, ATW, BEX, BQV, FM, HW, PX, UC, XF, YO8s AHL, BAM, YO9AGM, oprs) 1,767,568-4186-166
 OH7C (OH7s KA, MA, RS, UE, VR, XI, YF, oprs) 1,589,947-3439-131
 W1AW (AK4L, AK7M, K1K1, KA1CV, KA2MXO, KB9NM, KH6CP, KJ4KB, KU7G, N1CIX, N7IAL, NJ2L, W1OD, WB1CRI, oprs) 1,196,520-2651-156
 HG6N (HA6s ND, NF, NN, NQ, NY, ON, OQ, PF, oprs) 1,108,200-2326-150
 TI0RC (TI2s CCC, IY, KD, LC, LCR, TI4BGA, oprs) 746,235-1899-105
 VP2MU (K2s MFY, OVS, KD2SX, W2JGR, oprs) 526,419-1591-81
 HS0A (HS1s ALV, AMH, AOL, BG, BKA, oprs) 360,542-1041-91
 JA3RL (JA3AQF, JF3AXZ, JG3s RPL, VOD, JI3s OYM, XNQ, XOK, JR3FRF, oprs) 301,052-1952-73
 GB3RS (G3s JKS, RTE, UJV, ZAY, G4s DJX, JKS, PUR, WKJ, WLG, WSL, WVM, G0s AMG, EAC, EOW, oprs) 197,145-962-65
 SP5PZK 122,130-886-59
 4U1ITU (G4s BWP, GIR, oprs) 120,175-872-55
 4D8P (DU1KT, DV1PX, oprs) 105,420-510-42
 HI0RCD (HI8s DDC, LC, oprs) 27,408-306-24
 9J2RSZ (9J2BO, opr) 12,064-264-32
 EI0RTS (EI2CL, opr) 4,602-69-26

Top W/VE Scores

Mixed	Score	CW	Score	Phone	Score	Multioperator	Score
K3NA	534,016	N2IC/0	590,426	VE1NG	361,872	KM3T	807,396
K9ZO	434,304	K1XA	536,263	N4UH	237,330	NR5M	752,400
WB9JKI	381,546	K4VX/0 (KM9P, opr)	487,620	AD00	198,740	N4WW	703,080
AA4NC	329,564	N6TR	470,184	VE1CBF	156,364	WB8JBM	544,096
AA4S	271,327	AA5B	422,940	KC3EK	128,104	WBLT	440,610
AC8Y	222,327	W5XZ	458,352	N4MM	118,698	N8CXX	386,204
KZ5D	192,894	AA5B	422,940	ND1X	97,344	K9SD	275,595
KU6J	148,960	KZ2S	409,584	N5ECT	95,546	WA3SPJ	244,866
N4BP	148,616	W3GG	404,495	W1GD	77,325	KT5X	215,634
WZ4F/9	137,122	N6ND	396,021	WA7VYJ	71,442	W8IMZ	179,962
		K1VUT	385,000				

Top World Scores

Mixed	Score	CW	Score	Phone	Score	Multioperator	Score
OH0AM (OH6UM, opr)	1,282,677	AZ8DQ	985,782	RB5MF	796,671	4J4F	2,551,379
RB5IM	1,098,377	RB5GW	845,759	OH1AF (OH1EH, opr)	684,210	RL8PYL	2,186,888
UA0QA/6	1,067,419	UA9SA	752,640	ZP5JCY	544,530	UZ2FWA	2,159,820
EK9AD (UA9CIU, opr)	1,011,381	OH8PF	658,770	UM8MO	443,798	LZ2KTS	2,046,240
UA1DZ	966,910	UL7CW	623,480	RB5DX	410,595	UB3IWA	1,606,143
RL7GA	870,772	UW3AA	606,080	DL8PC	403,208	UZ0AXX	1,577,996
UA9YX	825,285	HA0MM	584,784	PP2ZDD	335,736	UZ9AYA	1,394,640
RB5FF	814,590	UA0SAU	574,188	RW9UR	314,817	UL8LWZ	1,342,009
IO2UIY	684,087	UA1ZX	479,160	UA9YV	311,055	HG5A	1,285,550
OK3CSC	647,010	UB4EL	386,610	HA5NP	299,524	UZ6LWZ	1,166,185

by any name, is an avid, worldwide pursuit. DX entries numbered 1150 (plus a host of checklogs): Of those, 475 were CW only, 263 were phone only, 212 were mixed mode and an even 200 were multioperator, single transmitter. For W/VEs, 104 were CW only, 72 were phone only, 53 were mixed mode and 18 were multioperator, single transmitter, for an overall total of 247.

Although the name of the contest has changed, one feature has remained constant: the continued and total domination by LU8DQ (this year operating under the nom de plume of AZ8DQ) of the single-op category. Operating code only, Jorge has reigned supreme for each of the 10 years in the July event.

The number-one world phone-only entry was that of RB5MF, followed by OH1AF (OH1EH op), ZP5JCY and others. OH0AM (operated by OH6UM) took the top spot in the world mixed-mode category, followed closely by RB5IM, UA0QA/6 and EK9AD

(UA9CIU, op), all of whom reached the megapoint range! The multioperator, single transmitter winner was 4J4F, leading the way with 2.5M points. In hot pursuit were RL8PYL (2.18M), UZ2FWA (2.15M) and LZ2KTS (2M), who was last year's winner in this category.

In the special IARU HQ station class, there were 16 entries, with five of them breaking the 1-megapoint barrier. Congratulations in particular to the GDR station, Y61HQ, whose 2.1M score was alone at the top of the pyramid, followed by YQ0A, OH7C, W1AW and HG6N, all with fine scores. It was great having so many of the society stations on the air, particularly on relatively short notice. Undoubtedly, more will participate in the 1987 event.

For W/VE single-ops, CW-only seemed to be the way to go. All of the top-ten CW-only finishers had higher scores than the number one phone-only competitor, and were higher than all but two of the mixed-mode entrants. N2IC/Ø prevailed in the CW-only category by a margin of approximately 10 multipliers over the second-place finisher (A word to the wise: Don't forget to hunt down those crucial multipliers!), while VE1NG and K3NA, respectively, mastered the phone and mixed categories. The multioperator prize was claimed by KM3T, who managed to outlast NR5M by about 50k points.

At least on this side of the Atlantic, the HF Championship was essentially a two-band contest—20 meters during the day and 40 at night. Conditions on those two bands were excellent. Contacts made on the other bands were limited, sort of like going through the motions, which is totally understandable based on the time of year and the lackluster conditions at this point in the sunspot cycle. It does help, therefore, to have some kind of enhanced antenna system for 40 meters. Armed with a 2-element 40, it was possible to manage in the neighborhood of 400 CW contacts from the East Coast into Europe between 0000 and 0400Z. Without a 40-meter twirly, it's like being in a different contest. It's still a fun contest, nevertheless, but requires an adjustment in strategy.

Also, it was a bit disconcerting when the curtain came down at 1200 UTC Sunday, when band conditions and one's adrenalin flow were at their peak. However, the revised rules represent a compromise that benefits the entire international community. Overall, the IARU negotiators did a most commendable job in defining the parameters of this excellent operating event. International communication



HB9CSA managed 910 QSOs and just under 100 multipliers for top honors in Switzerland. Fri plans to be very active in the 1987 event.



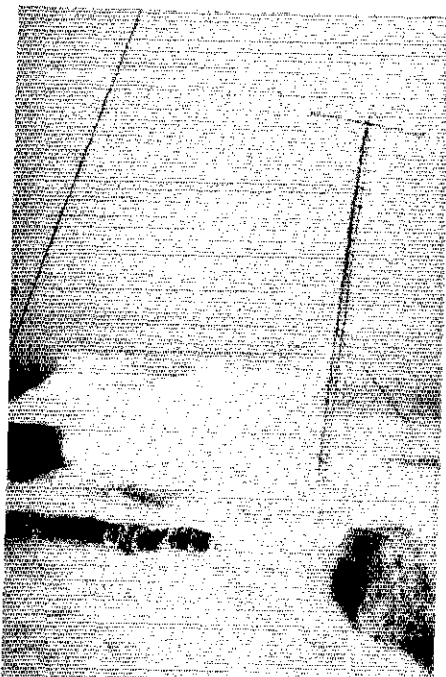
NE4L was the top CW-only scorer from Alabama.

goes to the heart of what Amateur Radio and the IARU HF World Championship are all about.

Don't miss the 1987 event; it promises to offer even better conditions and increased activity. The IARU HF World Championship is scheduled for July 11-12. Be there!

FEEDBACK

Please refer to February 1986 QST, p 86, for the following correction. In the Southern Florida Section, Section leader was WB4BBH.



One of the skyhooks used at OH0MD/OJØ was located on the "DXCC Shelf." This shot was taken just minutes before the tower and beam were washed into the sea.

Scores

Scores are listed by ITU zone and then by country within that zone. The line score (example—KL7Y 625,878-1460-109-A) indicates the call sign used, the total score, the number of valid contacts, the number of multipliers and the entry class. The entry class letters indicate: A—single operator, mixed mode; B—single operator, CW only; C—single operator, phone only; D—multioperator, single transmitter.



Zone	Country	Call Sign	Score	Contacts	Multipliers	Class	
ZONE 1	Alaska	KL7Y	625,878	1460	109	A	
		WL7E	287,880	927	74	B	
		KL7UR	106,288	424	62	B	
ZONE 2	Alaska	KL7PK	10,975	101	25	B	
		Alberta	VE6DZ	71,288	290	67	A
			VE2XL	2,982	60	14	C
			VE3XN	102,784	431	64	A
	VE3KP	114,456	500	57	B		
ZONE 3	Quebec	VE2XL	2,982	60	14	C	
		Ontario	VE3XN	102,784	431	64	A
			VE3KP	114,456	500	57	B
ZONE 4	Greenland	OX3SG	9,880	80	26	C	
		W6	VE3IY	90,878	527	42	B
			VE3AXV	35,485	321	35	C
ZONE 5	East Bay	WE6G	11,780	112	30	A	
		KE6GL	7,967	83	31	B	
		K6EZ	28,208	204	39	C	
ZONE 6	W6	W6BQ	35,786	279	38	B	
		Orange	NX6M	7,291	109	23	A
			NM6L	15,776	128	32	C
			K6ALF (+W6M)	186	11	8	D
ZONE 7	Los Angeles	K6EID	32,844	187	42	A	
		W6OK	9,925	87	25	C	
		W6ON	2,390	50	15	C	
		W6VPZ (AJ6F, K6E IIE, KH, KAGEFI, K6TE, N6S AXQ, JSX, W6S CHU, CH, GC, W6BQPO, WD6EZO, WNBOND, oprst)	35,786	279	38	B	
ZONE 8	Santa Barbara	W6FGV	95,403	475	59	A	
		N6MA	58,212	291	49	B	
		K6GVRW	45	3	3	C	
ZONE 9	Santa Clara Valley	AC8Y	222,327	1013	63	A	
		N6NF	120,428	587	68	A	
		N6IUV	3,247	35	17	A	
		W6SI	47,647	262	53	B	
ZONE 10	San Diego	N6ND	398,021	1025	101	B	
		W6KUT (N6W, opr)	331,837	917	97	B	

EA8AMX 6.672- 60- 24-C	JA2YKA (JF2DQ,opr) 342,804- 907- 84-A JH4UYB 209,948- 756- 73-A JA6BIF 150,146- 548- 74-A JO1NZT 93,555- 373- 63-A JA9RPJ 76,960- 302- 65-A JA2UOT 72,704- 324- 84-A JE1AER 70,556- 308- 62-A JA7FAS 31,380- 255- 30-A JA2YDC (J12R1Q,opr) 21,294- 177- 42-A JA6BCV 10,230- 88- 31-A JA6IP 9,731- 83- 37-A JH6TYD 5,018- 69- 24-A JG3SVP 3,808- 66- 16-A JA3UWJ 3,744- 90- 18-A JH0XUP 3,538- 82- 17-A JA8PIF 1,260- 56- 9-A JH7BME 448- 22- 7-A JO1QYI 264- 22- 4-A JH7LVK 341,040- 818- 98-B JAMDAI 217,086- 510- 97-B JR8BOT 134,826- 489- 69-B JA1BNW 67,158- 380- 41-B JA3EA 62,985- 233- 65-B JA1KFX 60,769- 255- 67-B JE6JRY 60,062- 230- 59-B JHSJAJ 55,476- 262- 48-B JH1SWD 45,880- 260- 40-B JA3ARM 39,034- 163- 58-B JR3WXA 36,006- 210- 51-B JH3JYS 19,760- 156- 38-B JA1OP 19,264- 122- 43-B JH7XGN 14,178- 80- 51-B JA1WYQ 10,990- 84- 35-B JH1MTR 9,975- 73- 35-B JA2KPV 9,744- 86- 29-B JA7ASD 7,700- 73- 28-B JN1YUB 6,250- 72- 25-B JA1AAT 5,934- 61- 23-B JA2SAP/H 5,575- 43- 25-B JG2LGM 5,359- 55- 25-B JR4SK 3,717- 65- 21-B JR3KEX 2,786- 45- 14-B JA1NYV 2,108- 28- 17-B JS1OSP 1,830- 30- 15-B JABEJO 1,300- 29- 19-B JE7VP 1,030- 23- 19-B JA1QYB 56- 6- 4-B JR6PGB 158,282- 513- 79-C JA1YFG 96,816- 529- 48-C JH3DPB 90,504- 384- 54-C JA2VY 78,368- 339- 48-C JA7YFB 53,391- 305- 37-C JAMAD 25,515- 169- 35-C JA1KTR 14,065- 119- 29-C JA2FSM 12,872- 126- 22-C JH7XWT 9,504- 101- 32-C	JA2BEY 9,030- 68- 30-C JE4NOI 7,800- 128- 24-C JR7XYW 6,177- 73- 29-C JA1IT 3,111- 39- 17-C JQ1WJP 2,223- 29- 19-C JL3WSL 1,656- 40- 12-C JE4MYT 980- 24- 10-C JA6TIT/I 580- 14- 8-C JA3SSB/I 544- 24- 8-C JH6FTJ 472- 21- 8-C JR3KAK 355- 21- 6-C JG6LGE 350- 20- 7-C JA3RBC 180- 15- 4-C JF4ECI 169- 10- 6-C JH2WHS 162- 9- 6-C JH1XN/JI 148- 9- 4-C JE1TTO 8- 2- 2-C JF2LTH 4- 2- 2-C JF6PWT 3- 1- 1-C JA1YWX (JG1IMM,JI1QQL,JI1HJR, JM1s CAX,LPN,MCF,JO1s BMV, NAH,JI2IWL,JI2UT,JR4NI, JEMII,JH7PKU,JA6-9330,opr) 880,002-1410-143-D JA3YBF (JA3-3035E,JE6BJX,JI9s GRM,JFH,opr) 512,246-1251- 98-D 366,118- 981- 83-D JA9YBA (JA9s QWJ,VDA, -19148,-19150,JH7UJR,opr) 366,118- 981- 83-D JA1YAD (JN1HYU,JP1DMX,JS1s KNE,PAQ,JH5GHM,JH7UCC, JH8UYB,JH9AMJ,opr) 206,809- 689- 73-D JR2YYN (JH4XW,JH7s FZ1JMX,opr) 73,219- 286- 59-D	ZONE 53 Tanzania 5H3ZR 4,876- 48- 23-A ZONE 54 Indonesia YB2FEA 22,072- 144- 31-B YB4FNN 17,889- 169- 19-B YB2SV 86,892- 345- 52-C YCOEMJ 26,514- 297- 18-C YCOBY 24,488- 274- 18-C YCTDF 8,735- 112- 16-C YB2EJB 4,480- 48- 20-C ZONE 55 Australia VK4XA 69,550- 288- 50-B VK4TT 7,150- 67- 22-B ZONE 59 Australia VK2APK 184,289- 483- 63-B VK5AGX 31,800- 183- 36-B VK2KL 147,735- 522- 63-C ZONE 60 New Zealand ZL1AIZ 3,440- 40- 20-B ZL1AAS 75,488- 278- 56-C ZONE 61 Hawaiian Islands KH6JAT 9,080- 93- 20-A ZONE 63 Cook Islands ZK1XV 15,465- 205- 15-C ZONE 64 Guam NY6M/KH2 75,982- 285- 56-A KG6DX 85,949- 289- 61-B ZONE 65 Wake Island NH6FU/KH9 93,240- 473- 40-C ZONE 75 Franz Josef Land RZ1OWA 38,208- 400- 32-A	UV100 7,980- 250- 14-B ZONE 90 Minami Torishima 7J1ACH 30,600- 130- 51-A Checklogs AA2Z, CAEATZ, CT3DL, DK9FA, G1STK, GM3AKM, HA8BB, HA8ED, HA8H, HK3AJH, IK8DWN, LA7SI, LA8CE, LZ1KFA, LZ1CT, LZ2KSK, N3CZD, OE1HF, OE6IPA0PUR, OH5FA, OK1US, OK5FV, OZ1JLX, OZ1JNR, OZ2JI, OZ3FC, OZ3Q, PA8UJ, PA8BH, PY1OL, RA3PA, RA6AJ, RA6AP, RB5JX, RB5LM, RT5JZ, RTSUE, RV9UV, RW3AZ, RZ8CZ, SM3CVM, SM6GDR, SM6KM, SM6LL, SM7KWE, SP1CGP, SP1JWY, SP2GJV, SP2GWH, SP4BY, SP4GFG, SP4LDT, SP5AHT, SP5BNB, SP5ENA, SP62M/4, SP8JZB, SP8DIP, SP8GSC, SP8JAP, SP9AZL, SP9ENV, SP9PA, UA9WDF, UA1A0B, UA1APJ, UA1NCO, UA1OGA/J, UA3DAO, UA3DLO, UA3DTT, UA3EDF, UA3QQQ, UA3RDG, UA3TBW, UA4HL, UA4HLX, UA4HPN, UA4LCH, UA4YAQ, UA6AJ, UA6AK, UA8HNZ, UA8HOF, UA6JUB, UA6JDE, UA9ADD, UA9FFE, UA9MA, UA9MRA, UA9XM, UB4CWW, UB4JCV, UB4LAT, UB4LDD, UB5CJI, UB5DED, UB5EFA, UB5GDN, UB5IMD, UB5NQ, UB5QK, UB5VAA, UB5XBD, UB5ZY, UC2ADX, UC2LAR, UC2OR, UF6FFF, UL7ACI, UL8AWL, UM8MGO, UM9MWE, UP2BEF, UP2BPK, UQ2GKR, UQ2GKT, UR2QD, UV3DN, UV9UFP, UW3EG, UW3GL, UW9HS, UY5GG, UZ0KWC, UZ9WWJ, UZ1AXB, UZ1OWZ, UZ1TWC, UZ3WVO/P, UZ6HWW, UZ9XWA, W8VUV, Y21NE, Y21UD, Y22CF, Y23BF, Y23YE, Y24KG, Y24LA/P, Y25MG, Y26LG, Y26WMA, Y28GO/A, Y39YM, Y43VF, Y48ZD, Y522EA, Y53ZL, Y54QLP, Y59YM, Y61XM, Y62SM, Y68ZL, Y75YL, Y82EA, Y02KJL, Y08MH, YU2CAH
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Strays

I would like to get in touch with...

hams who are graduates of the University of Notre Dame. Tim McKeogh, N8HFS, 116 Maple Ridge Rd, Chagrin Falls, OH 44022.

anyone with a service manual for a Nelson-Ross Electronics Model PSA-532A/MF spectrum analyzer. Kirk Bailey, N7CCB, PO Box 1702, Corvallis, OR 97339.

anyone with a schematic diagram for a Galaxy MK-V. Hugo Coscio, CP5EC, PO Box 690, Cochambamba, Bolivia.

anyone with information on band-switching coils for a Hammarlund Comet Pro receiver. Edward Cambra, N9GBS, 3225 Pipers Glen Dr, Lafayette, IN 47905.

any submarine veteran/hams interested in starting a net. Greg Ocfemia, KM3I, 419 Brooks Ct, Glen Burnie, MD 21061.

VHF/UHF Century Club Awards

The ARRL VUCC numbered certificate is awarded to amateurs who submit written confirmations for contacts with the minimum number of Maidenhead grid-square locators indicated in *italics> for each band listing. Initial qualifiers are shown first, followed by those with endorsements, for October 21, 1986 through December 18, 1986. An SASE will bring you the rules and application forms.*

6 m (50 MHz)	2m (144 MHz)	70 cm (432 MHz)	2.3 GHz
<i>100</i>	<i>100</i>	<i>50</i>	<i>10</i>
185 K4DZP	137 N5HYV	63 N4MV	13 W5DFU
186 K5MA	138 KD9JQ	64 KC6OG	14 K7AUO
187 WB0VZW	139 NC9F	65 KA8ABA	15 WB2NPE
188 KC9NV	140 K8UC	66 K8UC	
189 N7DB	141 W2GU	67 K8BZW	3.4 GHz
190 AA4FS	142 HB9RUZ	68 NB8KT	5
191 N4AVV	143 N8SF	69 WB9UQE	
192 K3QM	144 W0FY	AA4FS 60	11 WB5AFY
193 WA9FIH	145 AA4FQ	WB4NXY 90	12 K7AUO
194 N9CC		K5YY 100	13 WB5LUA/5
	G6DZH 125	WB8BK 100	
N3BBI 250	WA1OUB 150	NC9F 60	5.7 GHz
N4MW 150	K5YY 250	W0RPP 150	5
W4OO 250	WB8BK 125	W0RRY 120	
K4RWP 175	K9MRI 275		
W5OZI 175	W0FY 125		
WB8KLL 125	W0IZ 125		
N7DB 200		23 cm (1296 MHz)	
W7HAH 225		25	
WB8BK 250		30 W5DFU	10 WA5ICW
WD8CTX 175		31 W5NZS	15 K5PJR
K8GQB 150		32 N8O	10 W5UGO
K8WKZ 375	13 WB2NPE	33 K8SMI	
WA9FIH 125	14 K5UR		
WA9FYB 150	WB8BK 70	WB5AFY 40	11 WB2ELB
WA0DYU 175		WB8BK 40	12 KS2Z
		K6WW 40	13 W7UDM
			14 K7AUO
			K2DNR/7 10
			(DM42)