

Results, 1st IARU HF World Championship

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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 Radiosport 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.

Top W/VE Scores

IARU Headquarters Stations		Mixed		CW		Phone		Multioperator	
Call	Score	Call	Score	Call	Score	Call	Score	Call	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	VE1CBF	198,740	N4WW	703,080		
AA4NC	329,564	N6TR	470,184	KC3EK	156,364	WB8JBM	544,096		
AA4AS	271,327	W5XZ	458,352	N4MM	128,104	WBLT	440,610		
AC8Y	222,327	AA5B	422,940	ND1X	118,698	N8CXX	386,204		
K2ZD	192,894	K2ZS	409,584	N5ECT	97,344	K9SD	275,595		
KU6J	148,960	W3GG	404,495	W1GD	95,546	WA3SPJ	244,866		
N4BP	148,616	N6ND	396,021	WA7VYJ	77,325	KT5X	215,634		
W2AF/9	137,122	K1VUT	385,000		71,442	W8IMZ	179,962		

Top World Scores

Mixed		CW		Phone		Multioperator	
Call	Score	Call	Score	Call	Score	Call	Score
OH0AM (OH6UM,opr)	985,782	R85MF	796,571	4J4F	2,551,379		
XNO,XOK,JR3FRF,ops)	845,759	OH1AF (OH1EH,opr)	664,210	R18PYL	2,186,688		
GB3RS (G3s JKS,RTE,UJV,ZAY,G4s DJX,JKS, PUR,WKJ,WLG,WSL,WVM,G0s AMG,EAC, EOW,ops)	1,282,677	UA9SA	762,640	UZ2FWA	2,159,820		
EK9AD (UA9CIU, opr)	1,098,377	OH8PF	658,770	ZP5JCY	544,530	L22KTS	2,046,240
SP5PZK	1,067,419	UL7CW	623,480	UMBMO	443,798	UB3IWA	1,606,143
4U1ITU (G4s BWP,G1R,ops)	1,011,381	UW3AA	606,080	R85DX	410,595	UZ9AXX	1,577,996
4DOP (DU1KT,DV1PX,ops)	966,910	HA0MM	584,784	DL8PC	403,208	UZ9AYA	1,394,640
H160RCD (H1B DDC,LC,ops)	870,772	UABSAU	574,188	PP2ZDD	335,736	UL8LWZ	1,342,009
9J2RSZ (9J2BO,opr)	825,285	UA1ZX	479,160	RW9UR	314,817	HG5A	1,285,550
EI0RTS (EI2CL,opr)	814,590	UB4EL	386,810	UAYP	311,055	UZ6LWZ	1,168,185
	684,087	OK3CSC	647,010	HA5NP	299,524		

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), ZPSJCY 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 LZZKTS (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/0 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 mulls for top honors in Switzerland. Fri plans to be very active in the 1987 event.



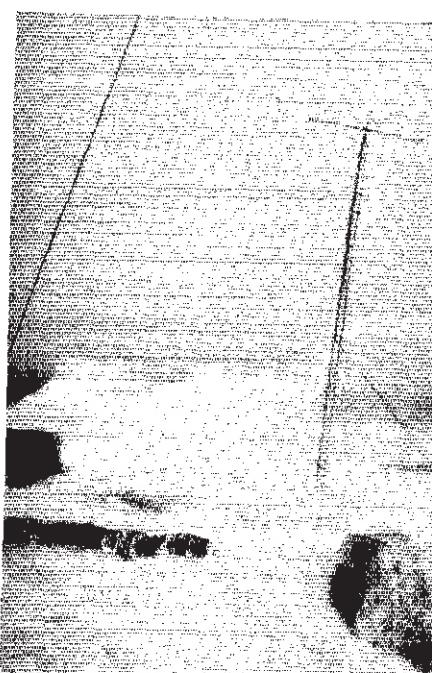
NE4L was the top CW-only scorer from Alabama.

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/OJ0 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 operator, mixed mode; B—single operator, CW only; C—single operator, phone only; D—multioperator, single transmitter.



ZONE 2

Alaska

KL7PK 10,975- 101- 26-B

Alberta

VE6DZ 71,238- 290- 67-A

ZONE 4

Quebec

VE2XL 2,982- 60- 14-C

Ontario

VE3XN 102,784- 431- 64-A

VE3KP 114,456- 500- 57-B

VE3IY 90,678- 527- 42-B
VE3AXV 35,485- 321- 35-C

ZONE 5

Greenland

DX3SG 9,880- 80- 26-C

ZONE 6

W6

WE6Q 11,180- 112- 30-A

K6CSL 7,967- 83- 31-B

KI6EZ 26,208- 204- 39-C

Los Angeles

K6EID 32,844- 187- 42-A

W6OK 9,925- 87- 25-C

W6CN 2,830- 50- 15-C

W6VPZ (AJ6F,K6e,IIE,KH,KAGE,FL,

KC7E,N6e,AXQ,JSX,W6s,CHU,

CN,GC,WBBQPO,WD6EZQ,

WN6CND,oprs)

35,796- 279- 38-L

NX6M 7,291- 109- 23-A

N6ML 15,776- 128- 32-C

KABALF (+W6MI)

186- 11- 6-D

Santa Barbara

WA6FGV 95,403- 475- 59-A

N6MA 58,212- 291- 49-B

K46VRW 45- 5- 3-C

AC8Y 222,327-1013- 83-A

N6NF 120,428- 587- 68-A

N6UW 3,247- 83- 17-A

W6SI 47,647- 262- 53-B

San Diego

NG6ND 398,021-1025-101-B

W6KUT (NI6W,opr)

331,837- 917- 97-B

ZONE 1

Alaska

KL7Y 625,878-1460-109-A
WL7E 287,880- 927- 74-B
KL7UR 105,288- 424- 62-B

W6UQF	103,380- 499- 60-B	Kansas	Maryland-District of Columbia	Wisconsin	Market Reef	
AA4M	33,435- 217- 45-B	KAVGB	29,110- 260- 41-A	WZ4F9	OH&MD/OJ0 (CH2s BAZ,BH,CH0s	
AA6EE	10,175- 119- 25-B	KB6U	9,296- 79- 28-C	KD6Q	NA,RJ,W6EUF,KBs MFO,MN,oprs)	
K6NA	6,426- 86- 27-B	Minnesota	K3NA	53,016-1106-128-A	268,092-1144- 66-D	
San Francisco		NKBL	30,616- 263- 43-C	W3GG	40,496-1079- 91-B	
KU6J	148,860- 536- 76-A	WA2HFV/0	10,472- 113- 28-C	W3HXI	49,020- 282- 10-B	
WB6SRM	3,781- 61- 19-A	Missouri	WA3VPL	40,964- 300- 49-B		
K6LRN	52,735- 257- 53-B	K4VX/0 (KMP9,opn)	W3FQE	406- 12- 7-B		
WA6URB/6	14,196- 137- 28-B	WB6KTF/0	128,104- 498- 67-C	KC3EK	WB4FTU	35,560- 183- 56-C
San Joaquin Valley		WB6KTF/0 (KMB9,opn)	KM3T (+KC8C,N8U)	807,996-1689-122-D		
WC6U	(S,318- 108- 37-B	WBKKF/0	487,620-1489-105-B	Western Pennsylvania		
KD6FW (+KIBN)	82,040- 456- 56-D	WA1VH	31,198- 303- 38-C	KASHIE	23,940- 230- 30-B	
Sacramento Valley		WB6SYV	9,445- 103- 17-C			
KV6H	59,468- 236- 39-B	Nebraska	WB6SYV	8,815- 81- 21-D		
K6SG	16,928- 159- 32-C	AK6G	25,194- 275- 34-A	W4		
W7		K6SW	20,086- 224- 31-B	Alabama		
Arizona		WB6SYV	3,040- 116- 10-B	NE4L	162,412- 705- 76-B	
NN7A	3,330- 60- 18-B	ZONE 8	Georgia			
Montana		Connecticut	W4GLS	25,388- 235- 44-A		
KS7T	44,712- 310- 36-A	K1XA	538,263-1398- 81-B	K4UEE	4,988- 81- 18-B	
W7KZK	58,425- 336- 57-B	KH9VT	190,350- 685- 81-B	KJ4SB	24,250- 171- 50-C	
KW7I	2,718- 68- 14-C	W1BWS	181,956- 521- 81-B	K4GKV	11,900- 102- 35-C	
Nevada		WB1ADR	16,472- 188- 29-B	Kentucky		
WB7VVH	3,021- 43- 19-C	WB1VH	13,080- 137- 24-B	N4XM	74,200- 434- 53-B	
Oregon		N1DKQ	2,112- 74- 12-B	North Carolina		
NR6TR	470,184-1105-104-B	ND1X	97,344- 504- 49-C	AA4NC	329,564-1083- 94-A	
AD7YT	22,173- 91- 57-B	K1EFL	48,676- 274- 43-C	AA4S	271,327- 967- 83-A	
K7DBV	20,416- 194- 32-B	KA1YP	47,502- 275- 56-C	N4AA	127,308- 565- 68-A	
K57P	8,875- 74- 25-B	W1KKG	4,480- 113- 20-C	N4ZC (WA8MAZ,opn)	265,620- 989- 76-B	
K47EF	3,591- 59- 21-B	Eastern Massachusetts	K4PD	59,450- 305- 58-B		
Utah		K5ZD/1	45,201- 269- 57-A	N4UH	237,330- 807- 90-C	
WA7VYJ	71,442- 331- 54-C	K1VUT	385,000-1074- 88-B	K4RVS	62,272- 411- 56-C	
Washington		N4A1R	110,142- 465- 72-B	KJ4TI	10,362- 126- 33-C	
KT7G	37,674- 208- 48-A	KA1DWX	61,192- 307- 56-B	KB4LFD	9,020- 227- 22-C	
WA7EGA	154,703- 605- 67-B	K1XM	60,450- 298- 50-B	KF4MZ	3,312- 70- 23-C	
WT7CLN	11,178- 90- 27-B	W1OPJ	1,903- 39- 11-B	WD8BQO	1,160- 32- 10-C	
N7DKD	32,670- 202- 38-C	WB1ET	1,695- 39- 11-B	Northern Florida		
KE7C (+WB7OJV)	9,570- 101- 30-C	K1M2B	30,960- 198- 40-A	WC4E	174,300- 736- 75-B	
	7,392- 50- 33-D	K1SA (+KB1U,KO1V,KY1K,N1AFC, W1OO,K3OPR)	385,000-1074- 88-B	WA4WQ	22,656- 311- 32-C	
W5			KV4AM	1,573- 29- 13-C	NW4WW (+NX4N,K0LUZ24)	703,080-1654-126-D
Arkansas		WB1END	93,398- 445- 87-D	Southern Florida		
W6ELU	2,898- 61- 14-B	New Hampshire	N4BP	148,616-1108- 52-A		
N3ECT	98,546- 67B- 43-C	W2UP	5,760- 85- 18-B	WB4TDH	241,546- 770- 89-B	
Louisiana		W1END	396- 20- 9-B	WD4AHZ	53,265- 359- 53-B	
KC5D	192,894- 682- 78-A	Rhode Island	N8NB	39,980- 353- 40-B		
NJ8Z/5	8,828- 115- 24-A	KA1GOW	111,476- 468- 62-B	W4YN	20,178- 120- 38-B	
W5XZ	458,352-1120-108-B	KS1J	98,780- 457- 55-B	WA4PZV	31,883- 205- 43-C	
Mississippi		Western Massachusetts	NU4B	15,885- 131- 45-C		
WA5OYU	90,584- 415- 67-A	KR1R	29,575- 265- 35-A	Tennessee		
New Mexico		KZ1M	9,044- 110- 34-B	AA4DO	106,865- 503- 67-A	
NSDVY	71,080- 453- 55-A	W2DW	35,646- 220- 39-B	N4ZZ	264,887-1070- 79-B	
AA5B	422,940-1116-105-B	WB2GKZ	21,844- 148- 43-A	N4IR	49,356- 422- 37-B	
KJ3U5	46,289- 298- 41-B	K2SKX	143,836- 572- 76-B	NU4B	5,375- 93- 25-B	
W6SX	36- 6- 3-B	KD2HE	5,200- 103- 18-B	K4JHT	33,793- 205- 47-C	
NSHH	60,788- 304- 48-C	KC5CKU	62,800- 376- 40-C	Virginia		
KT5X (+AG5S,NSEPA,W5KH, WA6OTU)	215,634- 745- 89-D	KS2G	9,048- 114- 28-C	K4PPF	16,950- 131- 30-A	
Northern Texas		K2RYYI	4,440- 82- 15-C	W4XD	14,336- 140- 32-B	
K5MR	40,986- 286- 46-A	K2KTT	1,335- 25- 15-C	N4MM	118,698- 420- 73-C	
WM5K	39,890- 313- 42-A	Northern New Jersey	WU4G	45,073- 287- 47-C		
K5NW	268,256- 880- 86-B	WB2GKZ	21,844- 148- 43-A	W8		
K45W	220,884- 765- 79-B	KC5CKU	143,836- 572- 76-B	Michigan		
W6PLN	35,120- 290- 40-C	KD2HE	5,200- 103- 18-B	N8CQA	10,240- 10B- 32-A	
N15M	27,600- 155- 40-C	KC5CKU	43,440- 232- 48-A	KBDU	99,072- 466- 64-B	
K26CU/5	3,080- 40- 20-C	K2SKS	409,584-1006-106-B	KBCV	32,718- 363- 38-B	
Oklahoma		WA2ASQ	9,858- 108- 22-B	N8CXX (+NE8T)	388,204-1249- 91-D	
NW5H	44,842- 444- 34-C	KW4E	7,872- 124- 24-B	Ohio		
KF5DA	33,815- 239- 45-C	W1GID	77,325- 283- 75-C	W8LNO	900,958-1002- 83-B	
Southern Texas		K3PNW	24,276- 116- 51-C	WDBAUB	209,124- 754- 74-B	
NS1VF	73,461- 525- 47-A	KC2NF	3,855- 93- 17-C	KV8Q	186,710- 725- 83-B	
WSPWV	44,914- 427- 34-A	WB1END	109,678- 550- 58-A	KQ9M	196,430- 682- 80-B	
N25V	24,698- 250- 36-A	WB2GKZ	43,440- 232- 48-A	KR8Y	110,088- 437- 72-B	
N5JJ	7,695- 151- 19-A	WA2ASQ	409,584-1006-106-B	N8BC	98,525- 374- 65-B	
WN5R	6,620- 100- 20-B	KW4E	9,858- 108- 22-B	WB8KKI	46,110- 208- 63-B	
WN4KKN	1,625- 39- 15-B	W1GID	7,872- 124- 24-B	NA8W	2,128- 44- 14-C	
NR5M (+K2TNO,KE5IV,KG6U,N5DU, NM5M,NT5D)	752,400-1831-120-D	KW2J	42,354- 202- 39-B	WB8JBM (KA8ETK,KC8MK,KV8M, KW8N,N8AT,DCU,WD8J,PK8,opn)	312,657- 737- 89-A	
Wyoming		W2Y2	28,280- 208- 36-B	WA8LBT	544,096-1209-112-D	
K7MM	10,192- 100- 26-A	W2Y2I	7,436- 98- 26-B	WD8XIE,opn)	12,250- 104- 25-B	
KB7M	402- 25- 6-C	W3		WU1FTU	10,355- 111- 19-C	
Colorado		Eastern Pennsylvania		Paraguay		
W6IZV	8,438- 67- 29-A	WB3GN	53,067- 294- 49-B	ZP5JCY	544,630-1074-105-C	
N2IC/6	650,426-1468-107-B	N3DRM	4,270- 96- 14-B	Zone 13		
AC6S	154,301- 865- 67-B	K3LUE	342,147- 888- 93-B	Brazil		
NMFZ	7,852- 100- 26-B	W3GM	144,000- 667- 60-B	PY1AJK	3,900- 80- 10-B	
AD8O	198,740- 813- 76-C	K3PK	129,114- 583- 54-B	Zone 14		
WB8WJ	1,343- 25- 17-C	KQSF	53,067- 294- 49-B	Argentina		
KJ8VZ	840- 34- 10-C	WA3ARK	4,270- 96- 14-B	KU4KG	346,368- 927- 82-B	
KC6HH (+NDEKK,WA6AU)	139,840- 674- 64-D	WB3BN	342,147- 888- 93-C	UA9KBY	127,743- 575- 49-B	
Iowa		WB3BN	244,866- 889- 74-D	UA9AX	107,219- 481- 63-B	
KE6Y	26,280- 162- 36-B	KQ3V (+K3ZLK,K3A3,DJ,WJA,PKN, N3e CIX,CHL,WB3es EPW,FPA)	WB3BN	65,550- 320- 50-B		
WDPFF	360- 16- 6-C	WB3BN	57,812- 340- 57-D	UA9KK	62,228- 299- 47-B	
W3		WB3BN		UA9XL	1,899- 93- 9-B	
Eastern Pennsylvania		WB3BN		UA9CQ	1,899- 93- 9-B	
West Virginia		WB3BN		UA9ZCWG (UA8s CPL,154-894, UVCC,opn)	205,200- 642- 72-D	
West Virginia		WB3BN		AZ8DDQ (LUDQ,opn)	151,185- 71- 49-D	
Indiana		WB3BN		UZ1XXM (+UA9KO)	70,312- 340- 47-D	
Aland Island		WB3BN		Zone 20		
Aland Island		WB3BN		Asiatic RSFSR		
Aland Island		WB3BN		U99XR	346,368- 927- 82-B	
Aland Island		WB3BN		UA9KBY	127,743- 575- 49-B	
Aland Island		WB3BN		UA9AX	107,219- 481- 63-B	
Aland Island		WB3BN		UA9KK	65,550- 320- 50-B	
Aland Island		WB3BN		UA9XV	62,228- 299- 47-B	
Aland Island		WB3BN		UA9XL	1,899- 93- 9-B	
Aland Island		WB3BN		UZ1XXW (+UA9KO)	98,032- 613- 48-D	
Aland Island		WB3BN		Zone 21		
Aland Island		WB3BN		Asiatic RSFSR		
Aland Island		WB3BN		RA5JR	562,700-1274-100-A	
Aland Island		WB3BN		UA9CK	127,134- 661- 42-B	
Aland Island		WB3BN		UA9BDW	32,828- 260- 22-B	
Aland Island		WB3BN		Zone 22		
Aland Island		WB3BN		Asiatic RSFSR		
Aland Island		WB3BN		UA9BEO	70,560- 376- 42-B	
Aland Island		WB3BN		UA9SZ	75- 5- 5-B	
Aland Island		WB3BN		Zone 23		
Aland Island		WB3BN		Asiatic RSFSR		
Aland Island		WB3BN		UA9QDL	268,309- 867- 71-B	
Aland Island		WB3BN		UA9QF	168,840- 585- 70-C	
Aland Island		WB3BN		UZ9QWT (3 opns)		
Aland Island		WB3BN		UZ9QWE (UA8s QG,CJ,382-167,opns)	161,101- 783- 61-D	
Aland Island		WB3BN		UA9QWE (UA8s QG,CJ,382-167,opns)	150,104- 569- 52-D	
Aland Island		WB3BN		Zone 24		
Aland Island		WB3BN		Asiatic RSFSR		
Aland Island		WB3BN		UA9QGY	6,510- 63- 30-B	
Aland Island		WB3BN		Zone 25		
Aland Island		WB3BN		Asiatic RSFSR		
Aland Island		WB3BN		UA9KA	14,275- 192- 25-A	
Aland Island		WB3BN		UA9KSV	43,792- 292- 34-B	
Aland Island		WB3BN		Zone 27		
Aland Island		WB3BN		Asiatic RSFSR		
Aland Island		WB3BN		UA9QTY	3,426- 45- 29-C	
Aland Island		WB3BN		UA9ZAA	216- 9- 8-C	
Aland Island		WB3BN		UA9HAC (OH6es CS,WB,opn)	684,210-1409-127-C	
Aland Island		WB3BN		WB8BH	490,854-1505- 93-D	
Aland Island		WB3BN		WB8BH	275,595-1075- 95-D	
Aland Island		WB3BN		Aland Island		
Aland Island		WB3BN		Aland Island		
Aland Island		WB3BN		France		
Aland Island		WB3BN		F6EPQ	62,577- 390- 37-B	
Aland Island		WB3BN		F8TM	14,432- 107- 44-B	

F9BB	402- 15- 6-B	HG5A (HA8s FM,GF,LN,MK,RV,SU, UA,WE,oprs)	OL9CTG	1,134- 69- 9-B	Y51TG	23,552- 170- 46-A	Y09YE	12,480- 255- 20-B	
F8WE	63,312- 400- 48-C	1,285,550-2164-175-D	OK1DWJ	1,080- 54- 10-B	Y21TL/A	20,340- 193- 36-A	Y04DCF	10,640- 253- 16-B	
FE8DRP	12,308- 160- 21-C	OL48OR	930- 57- 10-B	Y48YN	16,570- 205- 26-A	Y05NU	7,750- 157- 31-B		
F6VB	12,025- 179- 25-C	OK5MVT/P	784- 36- 7-B	Y42YG	15,542- 182- 38-A	Y05ALH	7,510- 103- 21-B		
F6FHA	7,898- 111- 22-C	OK1DZD	816- 26- 7-B	Y46WA	13,528- 123- 38-A	Y03BWK	6,952- 90- 22-B		
FD1LMG	1,859- 43- 13-C	OK3CX5	230- 38- 5-B	Y26JD	12,788- 239- 23-A	Y03BFJ/S	3,910- 81- 17-B		
England		OK2PKN	212- 31- 4-B	Y35WF	12,412- 161- 29-A	Y05QCI	3,096- 47- 18-B		
G3SJK	149,550- 614- 75-A	OK3CPY	195- 24- 5-B	Y32CD	8,991- 148- 27-A	Y06AW	2,651- 69- 11-B		
GM8EV	131,108- 566- 73-A	OK1DRO	60- 20- 3-B	Y54ZF	8,866- 140- 22-A	Y06HQ	2,628- 74- 9-B		
G3XTT	51,260- 270- 55-A	OK2BQL	85,392- 374- 72-C	Y27AJ/A	6,369- 85- 33-A	Y06MK	1,872- 80- 12-B		
G4ZFE	14,544- 254- 18-A	OK2KNP	35,598- 343- 34-C	Y39XK	4,650- 57- 26-A	Y02GU	1,800- 80- 10-B		
G3TXF	287,023- 896- 97-B	OK2HI	22,506- 272- 33-C	Y39SH	4,256- 66- 14-A	Y05HG	1,043- 65- 7-B		
G4DRS	131,897- 1031- 41-B	OK2B8I	21,648- 172- 44-C	Y59ZF	1,815- 39- 15-A	Y04CLC	812- 42- 5-B		
G3E3F	107,008- 503- 64-B	OK1CRH	16,962- 182- 33-C	Y25PE	30- 6- 3-A	Y05KGH	270- 25- 6-B		
G8EOW	55,713- 383- 49-B	OK2PCL	11,400- 123- 24-C	Y31MO	256,872- 1043- 77-B	Y05BTY	51- 17- 3-B		
G9/KB4GID	52,668- 302- 57-B	OK2MAJ	10,018- 169- 22-C	Y47VM	239,436- 795- 81-B	Y02AOB	80,650- 494- 70-C		
G8BAR	260,988- 826- 91-C	OK2BXA	5,516- 120- 14-C	Y512E	186,138- 762- 81-B	Y05DIA	38,001- 241- 53-C		
G4WZA	81,315- 408- 65-C	OK2BSQ	3,838- 64- 5-C	Y25F/A	140,832- 739- 72-B	Y02BEH	22,720- 285- 24-C		
G3NT	14,611- 214- 21-C	OK3KV	2,710- 105- 10-C	Y25TG	103,600- 499- 74-B	Y05CEB	20,396- 311- 21-C		
G3WKS/P (G4s KIU,MXL,OTV,UPI, GBZXC,oprs)	93,940- 509- 61-D	OK3KAG (+ oprs)	57,255- 414- 55-D	Y26BH	6,988- 307- 68-B	Y05BVG	14,400- 132- 32-C		
G8OI (G4s IEB,XOM,YBT,G6VAT, GBAGH,oprs)	62,434- 531- 38-D	HA7KMP (2 oprs)	49,000- 323- 49-D	Y21D/G/A	51,191- 227- 71-B	Y05CZW	13,048- 228- 29-C		
G8AOJ/A (+ G6s CMK,ECS,G1MXL)	20,524- 501- 14-D	HA6KNX (4 oprs)	33,858- 357- 38-D	OK2KMI (OKs FD,JS,PTW,PZW,oprs)	Y53TA	34,071- 280- 41-B	Y05F/N	11,077- 264- 19-C	
Luxembourg		32,040- 322- 40-D	OK2OSN (+ oprs)	513,416- 1361- 118-D	Y22UB	32,348- 203- 54-B	Y04AHX	10,058- 139- 27-C	
Scotland		Italia	OK2RAB (OK2s PDM,PKD,oprs)	119,262- 615- 68-D	Y25QE	31,201- 309- 41-B	Y05BOT	9,724- 186- 17-C	
GM8SQ	3,780- 57- 20-A	HB9QA	973- 45- 7-A	OK3RMH (+ oprs)	394,119- 1221- 99-D	Y53XNP	25,626- 211- 43-B	Y05DHY	7,222- 114- 23-C
GM4ELV	22,678- 301- 29-C	HB9CSA	279,104- 910- 98-B	OK2OSEN (+ oprs)	707,397- 1758- 141-D	Y52TE	24,645- 216- 37-B	Y05FCB	6,770- 251- 22-C
GM4WEW	14,352- 169- 23-C	HB9DX	32,214- 325- 42-B	OK2RAB (OK2s PDM,PKD,oprs)	73,408- 408- 96-D	Y27NMA	23,750- 167- 50-B	Y05KPM	5,856- 67- 24-C
Luxembourg		HB9DX	12,270- 181- 30-B	OK1ORA (OK1s AYD,22310,23662, oprs)	154,700- 693- 65-D	Y24JJ	13,770- 200- 27-B	Y02ASJ	4,958- 145- 18-C
HB9CXR	6,800- 124- 20-E	HB9AAA	62,350- 310- 50-C	OK2KPS (+ oprs)	107,350- 604- 50-D	Y24SH/A	12,995- 158- 36-B	Y09FL	4,950- 93- 22-C
HB9HRB	65,000- 432- 52-C	HB9JW	52,946- 345- 33-B	OK3KSQ (+ oprs)	34,425- 322- 45-D	Y23CM	12,716- 102- 34-B	Y03DCO	3,450- 50- 23-C
HB9LBB	56,084- 988- 73-D	HB9JW	56,202- 351- 58-C	OK2OSU (+ oprs)	13,040- 117- 40-D	Y21EA	12,224- 152- 32-B	Y02CBF	2,928- 108- 16-C
Netherlands		Poland	OK2RAB (OK2s PDM,PKD,oprs)	4,176- 190- 12-D	Y22PM	11,320- 218- 20-B	Y03YB	2,592- 54- 18-C	
PA3AIK	92,331- 257- 39-A	HB9QA	973- 45- 7-A	SP6CIIK	111,881- 500- 77-A	Y24WB	9,016- 102- 23-B	Y05HP	2,100- 51- 12-C
PA2NUN	18,964- 114- 44-A	HB9CSA	279,104- 910- 98-B	SP3BYZ	76,164- 391- 88-A	Y23OH	990- 50- 11-B	Y05BXE	2,028- 76- 14-C
PA8INA	78,012- 385- 66-B	HB9DX	32,214- 325- 42-B	SP3PL	75,260- 313- 71-A	Y53ED	940- 24- 12-B	Y05CUF	1,456- 35- 16-C
PA6VHS	61,530- 347- 53-B	HB9AAA	62,350- 310- 50-C	SP3BFK	66,906- 375- 63-A	Y26VG	638- 30- 11-B	Y05CRO	128- 24- 4-C
PA3CWL	44,856- 263- 56-B	HB9JW	52,946- 345- 33-B	OK3KSQ (+ oprs)	17,500- 338- 57-A	Y31XN	7,920- 92- 33-B	Y05AXB	66- 13- 3-C
PA3BLU	26,136- 163- 44-B	HB9JW	56,202- 351- 58-C	OK2OSEN (+ oprs)	10,070- 334- 55-B	Y37RB	6,463- 105- 23-B	Y06KAL (Y02CJX,Y06s BZH,EV,EX, oprs)	175,064- 860- 79-D
PA3BNT	17,571- 116- 47-B	HB9JW	56,202- 351- 58-C	SP2AYC	37,952- 416- 32-A	Y62QH	5,522- 120- 22-B	Y05KDW (Y06s AXM,BHZ,BYV,oprs)	54,648- 346- 65-D
PA0LKR	2,826- 61- 15-B	HB9OMH	40,443- 545- 39-B	SP2BMX	14,242- 152- 12-B	Y25PA	5,160- 152- 12-B	Y05KBM (Y06s AHP,DDF,oprs)	56,691- 1688- 93-D
PA3EJR	63,394- 359- 58-C	Sardinia	1V3BLQ/I1L3 (+IV3KL5)	SP9ADY	11,674- 152- 22-A	Y31NJ	4,222- 72- 21-B	Y05KKK (Y06s QCO,UF,oprs)	26,884- 224- 47-D
PA00X	42,439- 423- 31-C	Bulgaria	74,580- 583- 44-D	SP9BBH	2,016- 52- 18-A	Y41NK	28,728- 178- 56-C	Y05ZB	892- 56- 8-D
PA0DUO	4,524- 134- 13-C	HB9OMH	40,443- 545- 39-B	SP9BFK	19,722- 548- 43-B	Y23VJ	7,498- 132- 23-C	Yugoslavia	
PA3COA	4,410- 97- 15-C	HB9OMH	40,443- 545- 39-B	SP9HEK	14,710- 124- 41-C	Y41OH	15,170- 143- 41-C	YU1EXY (YU1s LA,WR,oprs)	954,740- 1955- 135-D
PR0MGS	1,215- 47- 9-C	HB9OMH	40,443- 545- 39-B	SP6JTR	75,518- 354- 61-B	Y48ZA	14,724- 167- 36-C	YU1ILM	27,269- 234- 37-A
PA0KHS (+ PA3DQW,PE1LBX)	375,840-1174- 90-D	HB9OMH	40,443- 545- 39-B	SP9PFR	70,070- 334- 55-B	Y57ED	10,800- 212- 24-C	YU3XJ	23,958- 1089- 22-A
ZONE 28		Poland	SP9PDF (SP9NDR,SP9B2420,oprs)	SP9PDT	67,728- 354- 51-B	Y22VI	7,498- 132- 23-C	YU7SF	114,967- 492- 77-B
Federal Republic of Germany		Austria	SP9PDT	64,413- 441- 51-A	Y44ZD	10,440- 181- 20-B	YU4EJC	103,785- 639- 55-B	
DL7RAI	358,668-1012-123-A	HB9OMH	40,443- 545- 39-B	SP1AEH	12,300- 181- 20-B	Y24PM	30- 4- 3-C	Y7TKW	26,600- 444- 25-B
DL7YS	54- 12- 3-A	HB9OMH	40,443- 545- 39-B	SP1AUJ	5,355- 96- 17-B	Y44ZL	10,720- 132- 23-C	YU2AKL	19,920- 281- 30-B
DL7MAE	333,586-1012-108-B	HB9OMH	40,443- 545- 39-B	SP1CVM	50,440- 269- 65-C	Y25ML	5,082- 95- 22-C	YU7MGU	17,175- 195- 25-B
DL3HAH	222,042-1095- 65-B	HB9OMH	40,443- 545- 39-B	SP1BMQ	15,425- 201- 25-C	Y45ZM	3,850- 54- 25-C	YU7AM	8,354- 187- 17-B
DL1TH	53,928- 300- 59-B	HB9OMH	40,443- 545- 39-B	SP1MQE	13,340- 189- 23-C	Y44WA	2,899- 105- 13-C	YU3ATW	6,368- 117- 16-B
DL1QZ	24,309- 259- 37-B	HB9OMH	40,443- 545- 39-B	SP1PAZ (SP6DVP,oprs)	52,065- 204- 48-B	Y26YM	2,717- 53- 19-C	YU3HR	195,534- 776- 71-C
DK7QB	6,180- 210- 11-B	HB9OMH	40,443- 545- 39-B	SP2BMX	17,790- 231- 30-B	Y62ZL	52,078- 1410- 133-D	YU1EXY (YU1s LA,WR,oprs)	954,740- 1955- 135-D
DF5WN	4,994- 92- 22-B	HB9OMH	40,443- 545- 39-B	SP4AVG	14,256- 124- 36-B	Y35WE	504- 20- 9-C	YT3L (YU1s RG,OH,oprs)	566,091- 1688- 93-D
DL4BBO	1,341- 43- 9-B	HB9OMH	40,443- 545- 39-B	SP6CIIK	10,400- 178- 20-C	Y44ZU (+ Y26DI,Y44U)	704,700- 1779- 121-D	YU2B (YU2s NK,SD,RS801,RS805, oprs)	398,820- 1317- 102-D
DL3ME	272- 28- 4-B	HB9OMH	40,443- 545- 39-B	SP6CYV	8,867- 105- 27-C	Y33ZL (+ Y28IL,Y33VL)	52,078- 1410- 133-D	YU4IEF (+ YU2K)	263,536- 1046- 88-D
DL8PC	403,208-1150-104-C	HB9OMH	40,443- 545- 39-B	SP6CIV	8,867- 105- 27-C	Y54ZA (Y25JL,Y54s TA,VA,oprs)	325,583- 1068- 103-D		
DL5ZBA	21,684- 223- 32-C	HB9OMH	40,443- 545- 39-B	SP6DMJ	10,800- 178- 20-C	Y54ZA (Y25JA,Y54s TA,VA,oprs)	319,980- 1214- 95-D		
DJ4PV	10,991- 151- 29-C	HB9OMH	40,443- 545- 39-B	SP3IBS	8,867- 105- 27-C	Y54ZL (Y41RM,Y54QL,oprs)	263,101- 1064- 91-D		
DF3IS	3,864- 94- 12-C	HB9OMH	40,443- 545- 39-B	SP5PKW	8,860- 120- 20-C	Y66EST (Y25IE,Y32z KE,ZE,oprs)	263,520- 1194- 72-D		
DL2RG	574- 30- 7-C	HB9OMH	40,443- 545- 39-B	SP4HKN	7,875- 135- 21-C	Y43ZO (+ Y21RO,Y43GO)	12,210- 107- 37-C		
Hungary		HB9OMH	40,443- 545- 39-B	SP3OEH	7,266- 145- 21-C	Y44ZM (+ Y44TN)	225,432- 989- 93-D		
HA8UB	436,646-1211-105-A	HB9OMH	40,443- 545- 39-B	SP9AVZ	4,152- 140- 12-C	Y47ZN (+ Y475s)	104,725- 552- 71-D		
HA7UI	225,548- 829- 87-A	HB9OMH	40,443- 545- 39-B	SP4JYH	3,173- 59- 19-C	Y47ZN (+ Y475s)	384,626- 1266- 102-D		
HA9PG	205,221- 902- 67-A	HB9OMH	40,443- 545- 39-B	SP9MRO	3,026- 45- 17-C	Y56ZF (Y23PF,Y24VF,Y56YF,oprs)	101,925- 422- 75-D		
HASHM	58,272- 409- 48-A	HB9OMH	40,443- 545- 39-B	SP9FTJ	1,768- 28- 17-C	Y43ZD (Y21D,Y25ID,Y43WD,oprs)	34,392- 1145- 98-D		
HA9RT	48,412- 314- 52-A	HB9OMH	40,443- 545- 39-B	SP1PBW (+ oprs)	808- 39- 8-C	Y55ZA (Y55s JA,KA,NA,oprs)	54,855- 381- 53-D		
HA9TA	33,056- 329- 32-A	HB9OMH	40,443- 545- 39-B	SP3PLD (SP3NYS,SP-0078-ZG,oprs)	77,908- 456- 67-D	Y55ZA (Y55s JA,KA,NA,oprs)	54,855- 381- 53-D		
HA1UB	29,400- 297- 28-A	HB9OMH	40,443- 545- 39-B	SP5PEN/4 (2 oprs)	51,156- 345- 58-D	Y56ZB (Y33ZB)	47,840- 338- 52-D		
HABEN	27,755- 252- 35-A	HB9OMH	40,443- 545- 39-B	SP1NQQ	244- 33- 4-C	Y56ZB (Y33ZB)	101,925- 409- 44-A		
HA6IAR	10,926- 181- 18-A	HB9OMH	40,443- 545- 39-B	SP3HD	210- 24- 5-C	Y56ZB (Y33ZB)	101,925- 409- 44-A		
HA6MM	58,784-1430-131-B	HB9OMH	40,443- 545- 39-B	SP2ZPI	64,812- 577- 66-A	Y56ZB (Y33ZB)	101,925- 409- 44-A		
HA8VK	228,201- 854- 87-B	HB9OMH	40,443- 545- 39-B	Y53NJP	65,708- 243- 76-A	Y56ZB (Y33ZB)	101,925- 409- 44-A		
HA6LZ	192,090- 572- 95-B	HB9OMH	40,443- 545- 39-B	Y45RN	71,981- 428- 57-A				

UW3TU	72,354- 355- 62-B	UZ3AXH (3 oprs)	111,910- 498- 62-D	UB3EDU	208,924- 805- 76-C	UP2BII	6,436- 110- 23-C	Kazakhstan	
UA6BPU	71,285- 521- 49-B	UZ6HXK (UA6s-108-1736-189-1834, oprs)	89,440- 573- 52-D	RB3HT	145,468- 554- 82-C	UP2BQQ	116- 19- 4-C	UL7CW	623,480-1232-110-B
UA1AFM	68,324- 401- 62-B	UZ3KWM (UA3es XEC,XEO,XEU,oprs)	87,269- 615- 49-D	UB4JO	61,930- 390- 65-C	UP1BWW (UP2s BIJ,BKH,BMW,BO, -038-692,203-1952,oprs)	UL7EDR	65,920- 389- 40-B	
UA1NA	62,244- 488- 57-B	UZ3EXA (UA3 es EHV,EW,EZ,oprs)	66,645- 515- 45-D	RB5EG	58,625- 257- 75-C	618,205-1558-119-D	UL7LBI	43,580- 311- 33-B	
RZ3AW	61,752- 330- 62-B	UZ3RZZ (UW3RR,UA3s-157-48,-157-69,-157-78,opr)	64,866- 386- 57-D	RB4EE	51,180- 294- 80-C	UP1BXB (RP2s HYB,BIT, UP2-038-1289,oprs)	UL7LFL	40,432- 338- 28-B	
RU3AL	60,720- 251- 66-B	UZ3EXA (UA3 es EHV,EW,EZ,oprs)	64,866- 386- 57-D	RB5IO	47,687- 389- 43-C	31,752- 435- 28-D	RL7CT	8,119- 98- 23-B	
UA4AL	60,420- 385- 57-B	UZ3RZZ (UW3RR,UA3s-157-48,-157-69,-157-78,opr)	64,866- 386- 57-D	UB7QD	42,976- 281- 44-C	UP1BZM (UP2s-038-1744,-038-1751, oprs)	UL7TT	563- 11- 7-C	
UA3QAI	57,478- 321- 58-B	UZ3RZZ (UW3RR,UA3s-157-48,-157-69,-157-78,opr)	64,866- 386- 57-D	UT5RY	25,058- 216- 36-C	18,180- 481- 16-D	RBLPYL (UL7s PAE,PAC,CZL,R7s PHO,PHL,PKL,RL8s PA,PY,oprs)	1,188,688-2688-192-D	
UA3RFV	56,668- 356- 42-B	UZ3RZZ (UW3RR,UA3s-157-48,-157-69,-157-78,opr)	64,866- 386- 57-D	UB2JWS (+ oprs)	Latvia	2,188,688-2688-192-D	UL8LWZ (UL7s LEG,LER,LEZ,LO, -426-177,oprs)		
UA3WW	55,620- 311- 60-B	UZ3DZD (RA3DSD,UA3s DTQ, -142-918,oprs)	63,996- 458- 42-D	UT4UXW (UB5XSM,UT4UZ,oprs)	111,957- 663- 67-A	1,342,008-2375-127-D	UL8LWO (UL7LFB,RL7LFA,oprs)		
UW4CN	42,420- 308- 43-B	UZ3RZZ (UW3RR,UA3s DTQ, -142-918,oprs)	63,996- 458- 42-D	UB4WZA (UB3es ICXV-969-535,oprs)	2,706- 121- 11-A	52,832- 555- 32-D	UL8PWW (RL7BPH,UL7s PEQ, -823-442,oprs)		
UA4LX	41,262- 271- 48-B	UZ3RZZ (UW3RR,UA3s DTQ, -142-918,oprs)	63,996- 458- 42-D	UB4QWW (RB5GD,UB4QG,	313,832-1151- 98-B	18,128- 468- 16-D	UP1BZM (UP2s-038-1744,-038-1751, oprs)		
UA3XBB	41,250- 244- 55-B	UZ3PWJ (UA3es PLS,PNN,PNO,oprs)	62,040- 373- 56-D	UB5-084-886,oprs)	203,688- 927- 82-B	44,842- 317- 54-D	19,800- 481- 16-D		
UA3ART	40,474- 311- 49-B	UZ3QWM (RW3QA,UA3s GLJ, -121-316,oprs)	62,018- 425- 47-D	UB4JWP (+ oprs)	Latvia	105,138- 538- 66-B	Latvia		
FA4SB	39,775- 319- 43-B	UZ3QWM (RW3QA,UA3s GLJ, -121-316,oprs)	62,018- 425- 47-D	UB4JWP (+ oprs)	175,160-1788-120-D	11,350- 190- 26-B	UQ2GKL		
UA3LDZ	39,702- 297- 39-B	UZ3QWM (RW3QA,UA3s GLJ, -121-316,oprs)	62,018- 425- 47-D	UB4JWP (+ oprs)	264,808- 983- 89-D	11,350- 190- 26-B	UQ2GHB		
RA3ACD	36,924- 216- 51-B	UZ3DXF (RA3DLA,UA3s-142-242, UA4-133-1288,oprs)	62,018- 425- 47-D	UB4HWB (+ oprs)	251,655- 876- 95-D	11,350- 190- 26-B	UQ2GQ		
HA3GJ	34,765- 303- 35-B	UZ3DXF (RA3DLA,UA3s-142-242, UA4-133-1288,oprs)	62,018- 425- 47-D	UB4FWC (UB5BZ,FB,FV,oprs)	177,120- 766- 88-D	11,350- 190- 26-B	UQ2GE		
HA3VX	33,655- 310- 37-B	UZ3DXF (RA3DLA,UA3s-142-242, UA4-133-1288,oprs)	62,018- 425- 47-D	UB4FWC (UB5BZ,FB,FV,oprs)	202,048- 891- 82-D	11,350- 190- 26-B	UQ2GFU		
UA3GEC	32,895- 321- 32-B	UZ3QWJ (UA3es QSC,-121-95,-121-81, oprs)	61,689- 312- 57-D	UB4FWA (RB5WW,UB5Bs -068-517, -068-844,oprs)	105,138- 538- 66-B	11,350- 190- 26-B	UQ2GH		
UA4CHK	32,637- 293- 43-B	UZ3QWJ (UA3es QSC,-121-95,-121-81, oprs)	61,689- 312- 57-D	UB4FWA (RB5WW,UB5Bs -068-517, -068-844,oprs)	175,098- 928- 95-B	11,350- 190- 26-B	UQ2GQ		
UA3TFZ	27,925- 255- 37-B	UZ3DXW (UA3es MDL,-158-532, -168-551,oprs)	61,689- 312- 57-D	UB4FWA (RB5WW,UB5Bs -068-517, -068-844,oprs)	176,820- 807- 70-D	11,350- 190- 26-B	UQ2GQ		
UA4YZ	27,280- 262- 31-B	UZ3DXW (UA3es MDL,-158-532, -168-551,oprs)	61,689- 312- 57-D	UB4JXZ (3 oprs)	917,202-1899-143-D	11,350- 190- 26-B	UQ1GXJ		
UA4FEU	27,222- 268- 39-B	UZ3DXW (UA3es MDL,-158-532, -168-551,oprs)	61,689- 312- 57-D	UB4JXZ (3 oprs)	163,050- 678- 75-D	11,350- 190- 26-B	UQ1GXJ		
UA3AGF	26,470- 248- 27-B	UZ3TWL (3 oprs)	61,744- 354- 32-D	UB4MZL (UB4MH,UB5MVX,oprs)	197,120- 766- 88-D	11,350- 190- 26-B	UQ1GXJ		
RA4HW	24,076- 277- 28-B	UZ3TWL (3 oprs)	61,744- 354- 32-D	UB4MZL (UB4MH,UB5MVX,oprs)	130,620- 639- 70-D	11,350- 190- 26-B	UQ1GXJ		
UV6AY	24,012- 252- 29-B	IUZBAFK (RA6AIN,UA6s AOC,ARQ, oprs)	60,555- 268- 35-D	UB4VWA (+ oprs)	99,008- 474- 68-D	11,350- 190- 26-B	UQ1GXJ		
UA4YCK	22,684- 277- 32-B	IUZBAFK (RA6AIN,UA6s AOC,ARQ, oprs)	60,555- 268- 35-D	UB4VWA (+ oprs)	178,820- 807- 70-D	11,350- 190- 26-B	UQ1GXJ		
UA3ECQ	21,774- 263- 38-B	Ukraine		UB4LWY (+ oprs)	917,202-1899-143-D	11,350- 190- 26-B	UQ1GXJ		
UA1CED	19,616- 282- 32-B			UB4LWY (+ oprs)	163,050- 678- 75-D	11,350- 190- 26-B	UQ1GXJ		
UA3LAR	19,360- 222- 114- 55-B			UB4LWY (+ oprs)	177,120- 766- 88-D	11,350- 190- 26-B	UQ1GXJ		
UA2HCE	18,096- 222- 26-B			UB4LWY (+ oprs)	202,048- 891- 82-D	11,350- 190- 26-B	UQ1GXJ		
RW3AX	17,402- 349- 22-B			UB4LWY (+ oprs)	105,138- 538- 66-B	11,350- 190- 26-B	UQ1GXJ		
UA3XAZ	15,630- 181- 30-B			UB4LWY (+ oprs)	175,098- 928- 95-B	11,350- 190- 26-B	UQ1GXJ		
UA3XCC	13,311- 121- 29-B			UB4LWY (+ oprs)	176,820- 807- 70-D	11,350- 190- 26-B	UQ1GXJ		
UA3TU	11,424- 54- 51-B			UB4LWY (+ oprs)	180,000- 375- 76-B	11,350- 190- 26-B	UQ1GXJ		
RA3DNC	11,154- 177- 26-B			UB4LWY (+ oprs)	211,220- 838- 89-D	11,350- 190- 26-B	UQ1GXJ		
RA3DUU	8,180- 157- 24-B			UB4LWY (+ oprs)	215,655- 876- 95-D	11,350- 190- 26-B	UQ1GXJ		
UA1WAK	7,182- 193- 18-B			UB4LWY (+ oprs)	218,020- 840- 92-D	11,350- 190- 26-B	UQ1GXJ		
UA3MED	6,680- 163- 20-B			UB4LWY (+ oprs)	221,480- 854- 98-D	11,350- 190- 26-B	UQ1GXJ		
UA4LAF	6,182- 171- 13-B			UB4LWY (+ oprs)	224,930- 868- 104-D	11,350- 190- 26-B	UQ1GXJ		
UA4ACR	3,790- 62- 21-B			UB4LWY (+ oprs)	228,382- 880- 114-D	11,350- 190- 26-B	UQ1GXJ		
UA1WEJ	3,773- 241- 11-B			UB4LWY (+ oprs)	231,830- 894- 134-D	11,350- 190- 26-B	UQ1GXJ		
UA3MBE	2,873- 79- 17-B			UB4LWY (+ oprs)	235,280- 908- 154-D	11,350- 190- 26-B	UQ1GXJ		
UZ3DXW	2,086- 50- 12-B			UB4LWY (+ oprs)	238,730- 924- 174-D	11,350- 190- 26-B	UQ1GXJ		
UA3IAK	1,275- 29- 15-B			UB4LWY (+ oprs)	242,180- 938- 194-D	11,350- 190- 26-B	UQ1GXJ		
UA3XCM	45- 5- 5-B			UB4LWY (+ oprs)	245,630- 952- 214-D	11,350- 190- 26-B	UQ1GXJ		
UA6ADC	172,840- 810- 83-C			UB4LWY (+ oprs)	249,088- 968- 234-D	11,350- 190- 26-B	UQ1GXJ		
UA6LG	127,236- 557- 69-C			UB4LWY (+ oprs)	252,536- 982- 254-D	11,350- 190- 26-B	UQ1GXJ		
UA3TN	92,080- 351- 80-C			UB4LWY (+ oprs)	256,982- 996- 285-D	11,350- 190- 26-B	UQ1GXJ		
UA4CO	87,834- 377- 77-C			UB4LWY (+ oprs)	260,408- 1002- 304-D	11,350- 190- 26-B	UQ1GXJ		
UA4NC	80,480- 360- 80-C			UB4LWY (+ oprs)	264,808- 1016- 324-D	11,350- 190- 26-B	UQ1GXJ		
RW4CA	72,064- 390- 64-C			UB4LWY (+ oprs)	268,208- 1030- 344-D	11,350- 190- 26-B	UQ1GXJ		
UW3EQ	53,092- 305- 52-C			UB4LWY (+ oprs)	272,608- 1044- 364-D	11,350- 190- 26-B	UQ1GXJ		
UA1CK	50,765- 251- 85-C			UB4LWY (+ oprs)	276,008- 1058- 384-D	11,350- 190- 26-B	UQ1GXJ		
UV3TE	47,196- 274- 46-C			UB4LWY (+ oprs)	280,408- 1072- 404-D	11,350- 190- 26-B	UQ1GXJ		
UA6HCK	33,429- 343- 26-C			UB4LWY (+ oprs)	284,808- 1086- 424-D	11,350- 190- 26-B	UQ1GXJ		
UA3DKT	22,540- 805- 26-C			UB4LWY (+ oprs)	288,208- 1090- 444-D	11,350- 190- 26-B	UQ1GXJ		
UA4ACP	21,604- 149- 44-C			UB4LWY (+ oprs)	292,608- 1104- 464-D	11,350- 190- 26-B	UQ1GXJ		
UZ3FD	19,400- 177- 40-C			UB4LWY (+ oprs)	296,008- 1118- 484-D	11,350- 190- 26-B	UQ1GXJ		
RA3AC	14,187- 189- 31-C			UB4LWY (+ oprs)	300,408- 1132- 504-D	11,350- 190- 26-B	UQ1GXJ		
UA8XBT	13,440- 267- 21-C			UB4LWY (+ oprs)	304,808- 1146- 524-D	11,350- 190- 26-B	UQ1GXJ		
UW3DX	10,224- 140- 16-C			UB4LWY (+ oprs)	308,208- 1160- 544-D	11,350- 190- 26-B	UQ1GXJ		
UA8WS	9,616- 93- 28-C			UB4LWY (+ oprs)	312,608- 1174- 564-D	11,350- 190- 26-B	UQ1GXJ		
UA3TEP	6,600- 194- 15-C			UB4LWY (+ oprs)	316,008- 1188- 584-D	11,350- 190- 26-B	UQ1GXJ		
UV3NB	5,253- 83- 17-C			UB4LWY (+ oprs)	319,408- 1198- 604-D	11,350- 190- 26-B	UQ1GXJ		
4J4F (UA4s FA0,FB,FD,FE,FER, FZ,oprs)	2,551,739- 379- 3956- 199-C			UB4LWY (+ oprs)	323,808- 1212- 624-D	11,350- 190- 26-B	UQ1GXJ		
UB3WA (RB5e ID,UB5FZ,IKZ, FIM,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	327,208- 1226- 644-D	11,350- 190- 26-B	UQ1GXJ		
UZ8LWZ (UA6s LCT,LDX,LE,LF,LN, MN,oprs)	1,628,143- 2448- 187-D			UB4LWY (+ oprs)	330,608- 1236- 664-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,618,165- 1978- 179-D			UB4LWY (+ oprs)	334,008- 1246- 684-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCT,LDX,LE,LF,LN, MN,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	337,408- 1256- 704-D	11,350- 190- 26-B	UQ1GXJ		
UZ3DXW (UA3es DDF,DOF,-142-1916, -142-1944,oprs)	305,718- 1130- 87-D			UB4LWY (+ oprs)	341,808- 1266- 724-D	11,350- 190- 26-B	UQ1GXJ		
UZ1T1WB (UA1s TAE,TEL-144-380, -320-1029- 85-D, optrs)	436,810- 1301- 110-D			UB4LWY (+ oprs)	345,208- 1276- 744-D	11,350- 190- 26-B	UQ1GXJ		
UZ6AWF (UA6s AB,CO,LUW6CA,oprs)	425,844- 118- 108-B			UB4LWY (+ oprs)	348,608- 1286- 764-D	11,350- 190- 26-B	UQ1GXJ		
UZ3DXW (UA3es DDF,DOF,-142-1916, -142-1944,oprs)	305,718- 1130- 87-D			UB4LWY (+ oprs)	352,008- 1296- 784-D	11,350- 190- 26-B	UQ1GXJ		
UZ4WWB (+ oprs)	436,810- 1301- 110-D			UB4LWY (+ oprs)	355,408- 1306- 804-D	11,350- 190- 26-B	UQ1GXJ		
UZ6AWF (UA6s AB,CO,LUW6CA,oprs)	424,244- 1015- 82-D			UB4LWY (+ oprs)	358,808- 1316- 824-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LWZ (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,618,165- 1978- 179-D			UB4LWY (+ oprs)	362,208- 1326- 844-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	365,608- 1336- 864-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	369,008- 1346- 884-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	372,408- 1356- 904-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	375,808- 1366- 924-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	379,208- 1376- 944-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	382,608- 1386- 964-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	386,008- 1396- 984-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	389,408- 1406- 1004-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	392,808- 1416- 1024-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	396,208- 1426- 1044-D	11,350- 190- 26-B	UQ1GXJ		
UZ6LZB (UA6s LCJ,LCN,LT,LFO, -166-1319,oprs)	1,608,143- 2448- 187-D			UB4LWY (+ oprs)	400,608- 1436- 1064-D	11,350- 190- 26-B	UQ		

EABAMX	6,672-	60-	24-C	JA2YKA (JF2DQ,opr)	342,804- 907- 84-A	JA2BEY	9,030- 68- 30-C	ZONE 53	UV1OO	7,980- 250- 14-B
ZONE 37				JH4UYB	209,948- 756- 79-A	JA4NOI	7,800- 128- 24-C	Tanzania	ZONE 90	
Portugal				JA6BF	150,146- 548- 74-A	JR7KYW	6,177- 73- 29-C	SH3ZR	4,876- 48- 23-A	Minami Torishima
CT1CWT	3,357-	104-	25-B	JA1NZT	93,555- 373- 63-A	JA1IT	3,111- 29- 17-C		7J1ACH	30,600- 130- 51-A
CS2DZ	34,944-	280-	42-C	JA2UOT	72,704- 324- 84-A	JG1WJP	2,223- 29- 19-C	Checklogs		
CT1QF	5,526-	81-	18-C	JE1AER	70,556- 308- 62-A	JA4MYY	980- 24- 10-C	YA2FEA	22,072- 144- 31-B	
CT1BWW	3,488-	52-	17-C	JA7FAS	31,380- 258- 30-A	JA6TT/1	580- 14- 8-C	YB4FNN	17,689- 189- 19-B	
CT1TM	1,058-	28-	13-C	JA2YDC (J2RIO,opr)	21,294- 177- 42-A	JA3WSL	1,858- 40- 12-C	YB2SV	88,892- 345- 52-C	
Spain				JA6BCV	10,230- 88- 31-A	JG8LGE	350- 20- 7-C	YC6EMJ	26,514- 297- 18-C	
EA1CIM	153,975-	621-	75-A	JASIP	9,731- 83- 37-A	JA3RBC	180- 15- 4-C	YC0SY	24,498- 274- 18-C	
EA2CR	24,376-	182-	44-A	JH6TYD	5,018- 69- 24-A	JF4ECI	168- 10- 8-C	YC7DF	8,736- 112- 16-C	
EA5FWU	177,385-	865-	05-B	JG3SVP	3,808- 66- 16-A	JH2WHS	162- 9- 8-C	YB2EJB	4,480- 49- 20-C	
EA1NZ	57,456-	268-	63-B	JA3UWB	3,744- 90- 18-A	JS1XNU/1	148- 9- 4-C			
EA3DXD	55,396-	377-	44-B	JH0XUP	3,538- 82- 17-A	JE1TTO	8- 2- 2-C	ZONE 55		
EA3EYB	3,638-	80-	17-B	JA0PIF	1,260- 56- 9-A	JF2LTH	4- 2- 2-C	Australia		
EA5TF	2,856-	119-	8-B	JH7BMF	448- 22- 7-A	JF6WFT	3- 1- 1-C	VK4XA	69,550- 288- 60-B	
EA7PUR	51,414-	353-	41-C	J01OYI	264- 22- 4-A	JA1YWX (JG1IMM,J1QCI,J1HJR, JM1s CAX,LPN,MCF,JO1s BMV, NAH,JF2IW,J12GUT,JR4NIV, JE6MII,JH7PKU,JA6-9336,ops)	JA1YWX (JG1IMM,J1QCI,J1HJR, JM1s CAX,LPN,MCF,JO1s BMV, NAH,JF2IW,J12GUT,JR4NIV, JE6MII,JH7PKU,JA6-9336,ops)	VK4TT	7,150- 67- 22-B	
EA2BUF	48,914-	438-	37-C	JH7LVK	341,040- 818- 98-B	JM1s CAX,LPN,MCF,JO1s BMV, NAH,JF2IW,J12GUT,JR4NIV, JE6MII,JH7PKU,JA6-9336,ops)	JA8YBA (JA9s CWJ,VDA, -10148,-10150,JH7UR,ops)	ZONE 59		
EA7AVU	41,545-	378-	35-C	J80AI	217,086- 510- 97-B	JH2WHS	162- 9- 8-C	Australia		
EA3ERT	37,800-	333-	35-C	JR3BOT	134,826- 498- 69-B	JE6MII,JH7PKU,JA6-9336,ops)	JA3YBF (JA3-32358,JE8BXJ,JH9s GRM,JFH,ops)	VK2APK	184,289- 483- 63-B	
EC3CJE	32,688-	439-	24-C	JA1BNW	67,158- 380- 41-B	JA3YBF (JA3-32358,JE8BXJ,JH9s GRM,JFH,ops)	VK5AGX	31,800- 183- 36-B		
EA4CTU	15,813-	253-	21-C	JA3EA	82,985- 233- 65-B	JA3YBF (JA3-32358,JE8BXJ,JH9s GRM,JFH,ops)	VK2KL	147,735- 522- 63-C		
EC3CGJ	10,635-	241-	15-C	JA1KFX	80,769- 255- 67-B					
EA1AH4	7,975-	106-	25-C	JE6JRY	80,062- 230- 69-B					
EA6EFV	6,480-	84-	13-C	JH3AU	55,476- 262- 46-B					
EA5DT	5,478-	51-	28-C	JH1SWD	45,680- 280- 40-B					
EA3FQV	1,808-	73-	8-C	JA3AFM	39,034- 163- 58-B					
Balearic Islands				JR3WXA	38,006- 210- 51-B					
EA6WX	16,080-	282-	20-A	JH3YVS	19,760- 156- 38-B					
ZONE 39				JA1OP	19,264- 122- 43-B					
Israel				JH7XGN	14,176- 80- 51-B					
4X4FL	7,966-	71-	27-C	JA1WYQ	10,990- 84- 55-B					
4X8IF (+4Z9BAA)	41,004-	232-	36-D	JH1MTR	9,975- 73- 35-B					
Cyprus				JA2KPV	9,744- 86- 29-B					
OH1RY/5B4	222,420-	708-	66-C	JA1AAT	5,934- 61- 23-B					
ZONE 44				JA2SAP/1	5,575- 43- 26-B					
Korea				J02LGM	5,359- 55- 23-B					
HL4RW	10,440-	346-	10-A	JA4EJO	1,300- 28- 10-B	J2BDS	6,448- 100- 13-B			
HL1ABR	79,086-	625-	42-C	JE7IVP	1,030- 23- 10-B					
HL1AQB	83,694-	655-	17-C	JA1OYB	56- 6- 4-B					
HL5VC	13,668-	268-	17-C	JR6PGB	158,262- 513- 79-C					
HL8K (HL2IDN,HL3EAT,ops)	113,092-	766-	49-D	JH3DPB	90,504- 384- 54-C					
ZONE 45				JA2IVY	75,368- 339- 48-C					
Japan				JA7YFB	53,391- 305- 37-C					
JH1YDT (JH4UTP,opr)	468,410-	890-105-A		JA8AD	25,515- 169- 35-C					
				JA1KTR	14,065- 119- 29-C					
				JA2FSM	12,672- 126- 22-C					
				JH7XWT	9,504- 101- 92-C					

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
100	100	50	10
185 K4DZP	137 N5HYV	63 N4MW	13 W5DFU
186 K5MA	138 KD9JQ	64 KC8OG	14 K7AUO
187 WB0VZW	139 NC9F	65 KA0ABA	15 WB2NPE
188 KC9NV	140 K8UC	66 K8UC	
189 N7DB	141 W2GU	67 KB8ZW	
190 AA4FS	142 HB9RUZ	68 N8EKT	3.4 GHz
191 N4AVV	143 NB9F	69 WB9UQE	5
192 K3QM	144 W8FY	AA4FS 60	11 WB5APY
193 WA9FIH	145 AA4FO	WB4NXY 90	12 K7AUD
194 N9CC	G6DZH 125	K5YY 100	13 WBSLUA/5
N3BBI 250	WA1OUB 150	WB8BKC 100	
N4MW 150	KSYY 250	NC8F 60	
W4QO 250	WB8BKC 125	W9RAP 150	5
K4RPW 175	K9MRI 275	W9RRY 120	
W5OZI 175	W6FY 125		8 K7AUO
WB6KLL 125	WB1Z 125		
N7DB 200			
W7IAH 225			
WB8BKC 250	50		
WB8CTX 175			
K6GQB 150	13 WB2NPE	30 W5DFU	
KBVKZ 375	14 K5UR	31 W5NZS	
WA9FIH 125	WB8BKC 70	32 N8O	10 K5PJR
WA9FYB 150		33 K0SMI	
WA0DYU 175			5
		WB5AFY 40	11 WB2ELB
		WB8BKC 40	12 K5Z
		K8WW 40	13 W7UDM
			14 K7AUO
			K2DNR/7 10 (DM42)