

# Results, 1983 IARU Radiosport Championship

By Edith Holsopple,\* KA1KRQ and Bill Jennings,\*\* K1WJ

"Lucky Number Seven." The contest weekend of July 9-10, 1983 played host to the seventh running of the IARU Radiosport Championship. And "lucky" it was according to the statistics gleaned from the contest logs of the 1416 (up from 1363 in 1982) participants. Lucky that there was no repeat of the solar flares that made the "bread and butter" bands, 20 and 15 meters, next to useless for more than half of the 1982 contest. Average propagation conditions were a welcomed change. The big numbers of QSOs and a healthy multiplier total were waiting for those operators who were willing to put in the time and make the effort. As usual, strategy in looking to the low bands for those needed multipliers made a big difference to those seeking to make a world-class score — often the difference between a top score and second place.

As expected, ten meters as a reliable source of many multipliers and a healthy number of QSOs has gone the way of the sunspots — down. Even so, there were a few surprises to be found on 10. Taking the time to scan 10 meters, work a few "locals" and grab a zone multiplier or two paid off when it came time to tally the score.

The difference between the 1982 and the 1983 contests becomes quite clear in comparing the Top World Scores boxes. In each of the four categories, the average score is up in every case. It took at least a 300 kilopoint score increase over scores posted in 1982 to make the 1983 top scores listings.

CW, as usual, attracted the largest number of participants — 496 — with the breakdown of the other entry categories as follows: mixed mode — 264; phone — 342; multiop — 136; check logs — 178. These are basically the same proportions and numbers as those of the '82 Radiosport.

The seventh IARU Radiosport Championship boasted some other highlights and notable occurrences, too. With his successful 1983 effort, LU8DQ has been at the top of the CW heap,



AB3A/4X broke the two-million-point barrier, and came in eighth for worldwide multiop.

## Top WVE Scores

### Mixed

W2RQ (KQ2M)	1,359,660
N8II	1,133,040
KL7Y	1,039,390
KZ5M	1,030,400
N6ND	1,009,750
AA5B	880,310
KD4FX	805,880
KA1R	723,788
N2RM (KM3T)	594,495
N5DDO	568,290

### Phone

N5AU (WB5VZL)	1,292,544
K6HNZ	1,005,218
K5DX	844,336
K9VUW	743,880
N4ZC (N5TR)	552,558
KC2ME	491,328
N4UH	463,104
W8KKF	352,992
KE4SG	341,253
K9CLO	291,264

### CW

WA8YVR	1,044,956
KR8Y	1,027,653
K8NZ	838,737
K8LL	746,120
W3GM	707,854
WBWP	686,488
WD8AUB	553,850
KB8G	548,421
KS8S (WB8FN)	532,532
N9NB4	451,369

### Multiop

N4SR	2,481,090
N4WW	2,190,592
W5XZ	2,044,440
AH8BK	1,992,872
AD8I	1,358,088
K7NHV	1,306,902
K5QY	1,249,204
N4UM	1,039,716
KY8S	1,000,984
NL7P	990,899

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## Top World Scores

### Mixed

LZ2HE	2,075,413
W2RQ (KQ2M)	1,359,660
UQ2GDQ	1,282,896
CX7BY	1,181,224
N8II	1,133,040
UB5AAF	1,112,973
OK2FD	1,081,800
KL7Y	1,039,390
KZ5M	1,030,400
N6ND	1,009,750

### Phone

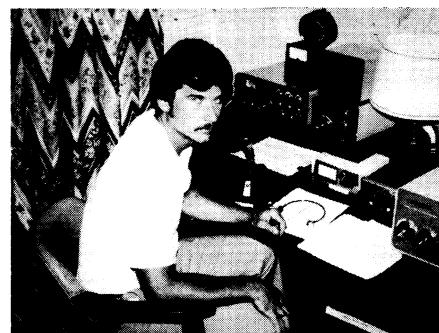
LZ2AB	1,426,138
UR2QD	1,370,965
UB5PDF	1,306,730
N5AU (WB5VZL)	1,292,544
UQ2GFN	1,256,478
LU1BR	1,088,618
OH6AM (OH6LK)	1,039,395
DL8PC	1,010,018
K8HNZ	1,005,218
JG1ZUY (JH7PKU)	900,456

### CW

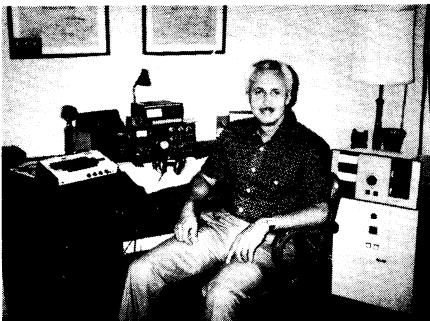
LU8DQ	1,676,010
EL2AE (K2LE)	1,432,800
HZ1AB (K5KU)	1,395,264
UA1DZ	1,184,700
WA8YVR	1,044,956
G3FBX	1,042,705
KR8Y	1,027,653
OH8PF	1,015,056
HH2VP	917,112
UW3HV	852,278

### Multiop

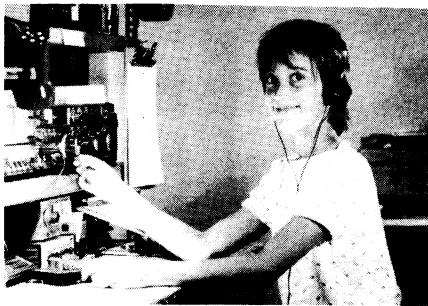
UK9AAN	3,048,144
UK2PCR	2,828,425
4J4F	2,798,877
HG5A	2,740,881
HG6V	2,479,362
NA5R	2,461,090
UK8AMM	2,392,830
AB3A/4X	2,375,423
UK5IBB	2,213,190
N4WW	2,190,592



KE4SG pulled in a decent score operating phone from GA.



K2LE opr. of EL2AE scored second worldwide in CW from Liberia.



Mary Louisa, daughter of EA4AXW, concentrates on developing good listening techniques.



W4YOK/C6A operated from the Holiday Inn on Paradise Isle, Nassau.



TO6HOY knew how to play it cool.

worldwide, every year since the Radiosport Championship began in 1977. Seven world bests — Good show! UA1DZ has also been a world leader in his chosen class in each of the seven contests — five world class finishes in the mixed-mode category for the first five years, then changing to CW-only in 1982 and 1983 for world class finishes in that category also. Well done! G3FXB and K6LL are two more calls that don't seem strange appearing in the top scores listings. Each of these operators has been outstanding in his chosen entry category over the years.

The IARU Radiosport Championship is not merely about individual achievements. The very essence of the contest and the very spirit of the IARU itself provide for a friendly competition that embodies all of the goodwill and camaraderie of radio amateurs sharing a common experience in international communication.

The 1983 IARU activity may have been the last in its present format; the Radiosport Championship may have served its purpose of enhancing worldwide IARU activities. Now may be the proper time to entertain other, more innovative, ways to meet those objectives of international goodwill. Thus, an informal IARU study group is now reviewing possible alternate plans for a new IARU activity for the weekend of July 14-15. Let's see what they come up with.

Congratulations to all of those participants who over the years have made the Radiosport such a success.

## SOAPBOX

There was very good 20-meter band propagation (JH7DNO). Ten meters was stinko. I couldn't get anything at all. Eighty, on the other hand, was open but vacant. I can't figure out what everybody had against 80-meter CW! (EA4AXW). This year's contest was a winner. I had a great time and experienced some of the oddest propagation. I worked KC4AAA with my beam pointed north! (AL7EN). There was no propagation to N.A. or S.A. on 28 MHz (JF1EQA). My friend JP1DYZ made more contacts than I. His rig is really wonderful! (JA6-9330). My low score reflects maximum effort with very low emergency power under the absolute worst conditions of propagation and interference. A major disaster in AK could be served by this QRP configuration (KL7DG). This had to be the first contest where Murphy didn't show his face all weekend. Maybe that's why the Europeans were so loud out west (WA7UEC). We wish that QSOs via RS or OSCAR could be included in contest rules in the near future (UK6AMM). You can be sure that when IARU Radiosport weekend comes up, the sun comes through the clouds and the family wants to go to the beach. Of course they insist on yours truly to come along. I hope for rain next year (SM2CEW). It gave me a new country (PA3BTH). Because of natural band-to-band differences and incomparable propagation, there should be separate band classifications, especially for satellite operation (SP9DH). I'm very happy with my first IARU contest (YO7FO). I want challenge next year (JA3UCO). I was very surprised to work more than 1000 stations in just 19 hours! There were nice conditions on 40 and 20 meters and also 80 meters, with one CE8, but 10 meters was very poor (HB9CSA). I enjoyed working in the contest except for the bad propagation to the Americas. I hope to participate in this contest again (JM1IFB). Good contest, but too large in spectrum! Try single band for next one (YO3KWJ). Thanks for the beautiful contest weekend. Unfortunately there was low activity from many ITU zones (UA3AGW). We had beautiful shortskip conditions on 10 meters from southern Germany the week before the contest, but the coming weekend, the band closed nearly totally ... (DL8MBS). With my 9 watts I was like a mosquito among giants, but my squeak was heard

by several JAs and even one statesider (UA4CIF). I was happy to work all six continents in my first international contest (Y63UG). The conditions on 20 meters were FB, but 10 was completely dead on Sunday. I spent 36 hours in 35°C weather in my shack, HI (OK2FD). The best propagation was Sunday evening (OK1HH). I'm looking for DX activity on 160 meters during the contests (WA9CBD). I very much enjoyed the contest. Ten, 40 and 80 meter bands were practically closed all the time. Conditions were excellent on 15 meters, and working it was a pleasure (HI8GB). Murphy really set me up in this one! Having started the contest with no amplifier and no low-band antenna, I got an amp on Saturday morning and an 80-m dipole up on Saturday night. Just when I thought I was set, my rig broke, and put me QRT for the rest of the weekend! (N9NB/4). About 2 weeks before the contest, I started to get TVI, RF in the shack and phone interference even while I ran low power. Saturday night our neighbors called with TVI. I changed amps and even took down a new 4-el 15-meter beam making its debut, but it didn't help. I got back on at 10:30 local and to try and catch up and save some off time for Sunday afternoon, I decided to operate all night. I was able to keep a decent JA rate going on 20 and work stateside and add multipliers on 40 and 80. There were no major solar disturbances and I managed to raise my points per QSO to approximately 3.45. I really enjoy Radiosport (N5DDO). Chronology of bizarre contest: 2353 Fri., amp relay cord shorts; 0008 Sat., TS-830 fuse blows; 0015, 15-m beam 90° off calibration; 0027, contest starts; 0145, 20-m beam 135° off. Working Europe with beam west; 0215, 15-m rotator jams west; 0330, 20-m rotator jams west; 0415, both direction indicators dead; 0630, KR2N convinces me not to quit; 1045, futility and despair with both beams jammed west; 1400, W2RQ helps unjam rotators; 1415, beam direction by "dead reckoning," 1430, all hell breaks loose (KQ2M op W2RQ).

## Feedback

Please see page 83 of February 1983 *QST* for the following corrections to the 1982 IARU Radiosport Championship.

The first-place mixed-mode score in the Kansas Sec-



KC3EK led the phone score in the MDC area.

tion belongs to WBØYJT, not WBØJYT.

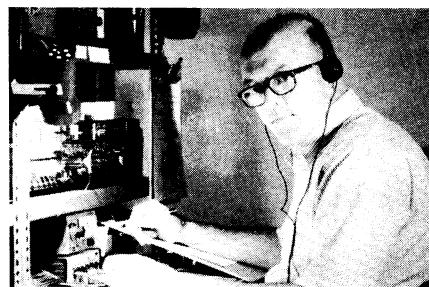
In Zone 18, OZ1CTK should have been listed as the top CW-only score in Denmark, not the top phone-only score. KA3HIE was listed in the Eastern Pennsylvania Section, but is really from Western PA.

## Scores

Scores are listed by ITU zone, then by country within that zone. The line score (example — KL7Y 1,039,390-2312-110-A) indicates the call sign used, the total score, the number of valid contacts, the number of ITU zone 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.



OK2FD from Czechoslovakia came in seventh worldwide for mixed mode.



**EA4AXW sent CW with his left hand while writing with his right hand.**

WESTERN NEW YORK		N9NB/4	451,369-1104-101-B	INDIANA		ZONE 13		
NA2Q	4518- 75- 18-A	WB4TDH	397,410-1177- 78-B	KC9FC	67,800- 356- 50-A	BRAZIL	SM2CEW 50,457- 374- 33-B	
W2FTY	146,089- 489- 77-B	WD4AHZ	99,594- 557- 54-B	W9XD	58,988- 364- 54-A	SM5RE 35,373- 253- 39-B		
W2FUI	65,431- 328- 59-B	W4BV	65,682- 184- 89-B	WD9BDP	48,720- 335- 48-B	SM6DED 26,825- 249- 29-B		
KW2J	56,154- 228- 49-B	K4JUN	650- 14- 13-B	K9VG/B9	46,384- 324- 52-B	SM9BDS 24,309- 159- 37-B		
W2AWF	10,962- 88- 29-B	K8UNP	200,560- 714- 80-C	WB9POH	23,219- 194- 31-B	SM5LRM 13,350- 124- 25-B		
		WK4F	32,160- 162- 48-C	K9CLO	291,264-1020- 82-C	SM6NWL 5100- 64- 20-B		
		N4UM (+ N4BP,WA1AYWE)	1,039,716-2690-108-D	N9BUC	67,580- 372- 60-C	SM2LWU 212,341-1025- 59-C		
W3	K1ZX (+ net)			N9DHX	11,700- 170- 30-C	SM7K1L 39,872- 324- 28-C		
			372,109-1195- 89-D	WD9EME	10,023- 75- 39-C	SM7HSP 13,630- 124- 29-C		
				WB9IWN	7201- 109- 19-C	SM6MML 747- 19- 9-C		
DELAWARE								
K3WGR	13,090- 116- 34-B	TENNESSEE		WISCONSIN				
AC3T (+ KA3B, N3s AYE, DIP, DLW)	206,208- 921- 64-D	K4OAQ	186,048- 780- 78-B	KO9Q	159,929- 623- 77-A	ZONE 14	SM2CEW 50,457- 374- 33-B	
		KAXO	2190- 30- 15-B	KB9S	174,800- 739- 72-B	PS7KM 42,874- 258- 34-C	SM5RE 35,373- 253- 39-B	
		N4FBN	28,525- 261- 35-C	K9GDF	152- 14- 4-B		SM6DED 26,825- 249- 29-B	
		N4BSN	4356- 40- 22-C	KQ9L	69,046- 416- 46-C		SM9BDS 24,309- 159- 37-B	
EASTERN PENNSYLVANIA				ZONE 9			SM5LRM 13,350- 124- 25-B	
N2RM (KM3T, opr.)	594,495-1745- 99-A	VIRGINIA		MARITIMES-NEWFOUNDLAND			SM6NWL 5100- 64- 20-B	
		K3ARK	143,520- 474- 69-A	K4FPF	149,340- 529- 76-A	CX7BY	1,181,224-1924-124-A	
		K3ND	21,982- 92- 58-A	WA6CFE	31,236- 256- 38-A	LU1EWL 164,190- 514- 65-B	UA1ZCZ 396,440-1153- 88-A	
		W3GM	707,854-1720- 98-B	K4LHB	6357- 143- 13-A	LU9ABD	14,308- 117- 28-B	SM5RE 35,373- 253- 39-B
		N3AOT	9786- 142- 19-B	K4PQL	389,940-1013- 97-B	LU1BR	1,088,618-2059-107-C	SM6DED 26,825- 249- 29-B
		N3CZP	4432- 77- 16-B	WC4CB	200,550- 802- 75-B	LU9A	122,286- 545- 46-C	SM9BDS 24,309- 159- 37-B
		WB3HX	65,300- 344- 50-C	W3HHG	59,192- 328- 49-B	LU6EM	35,204- 281- 26-C	SM5LRM 13,350- 124- 25-B
		K3DXY	32,144- 224- 41-C	W4XD	44,419- 327- 43-B	LU4B	3294- 39- 18-C	SM6NWL 5100- 64- 20-B
		WB3CQN	7776- 72- 24-C	N4MM	166,374- 608- 78-C	URUGUAY	UA1NBF 126,880- 672- 61-A	
		K3GQ (+ KA3DSW, N3s CHL,CIX)	KB8C/A	103,309- 507- 59-C	VE1CJK	2222- 48- 11-B	UA1DZ 1,184,700-2184-132-B	
		WB3s EPW, FPA, FYL)	K4WHN	59,125- 311- 55-C	VE1OU	18,720- 244- 20-C	UK1AFA (UA1AZA, UA3s DPX, VIM, oprs.)	
		290,850-1061- 75-D	K4ARVS	47,398- 341- 41-C	VE1OC	12,847- 99- 29-C	PARAGUAY 247,786- 836- 77-C	
		K1EFS/4	32,188- 155- 52-C	ST.PIERRE & MIQUELON			WB1WM 34,151- 285- 37-C	
		W4KMS	12,168- 128- 26-C	FP9HOQ (NS4M,opr.)	PY2ERA	27,993- 133- 43-B	UK1AAW (UA1AZA, UA3s DPX, VIM, oprs.)	
				665,847-1863- 91-B	PY1ZFO	16,250- 127- 26-B	446,042-1471- 83-D	
				FP9HSW (K9AQW,K8BHW,KC8KQ,	PY1AJK	10,200- 87- 24-B	EK1O (30prs) 27,030- 608- 30-D	
				WB4HRE,WD8CRY,WD9INF,ops)	PY3BC	1800- 30- 12-B		
				601,992-1831- 81-D	PP2ZDD	726,480-1629- 90-C		
					PY1NEZ	78,128- 416- 38-C		
					PY3JC	50,949- 37- C		
					PY1QQ	45,000- 229- 40-C		
MARYLAND -- D.C.								
K13L	163,797- 563- 71-A	W8		ST.PIERRE & MIQUELON			ASIATIC R.S.F.S.R.	
WA3VPL	65,372- 328- 59-A	K8Q		FP9HOQ (NS4M,opr.)	PY2ERA	27,993- 133- 43-B		
K3TW	37,392- 261- 41-A	K9QJ		PY1ZFO	16,250- 127- 26-B			
W3FQE	6624- 82- 16-A	MICHIGAN		PY1AJK	10,200- 87- 24-B			
W4KM	186- 9- 6-A	AC8Y	464,828-1360- 93-A	PY3BC	1800- 30- 12-B			
WB8IOJ	53,800- 304- 50-B	KS8Q	103,149- 439- 73-A	PP2ZDD	726,480-1629- 90-C			
NA5E3	43,104- 306- 48-B	W8YZVR	1,044,956-2010-127-B	PY1NEZ	78,128- 416- 38-C			
NN3SI (W4KM, opr.)	1950- 34- 15-B	K9QJ	109,272- 542- 58-B	PY3JC	50,949- 37- C			
KC3EK	133,635- 671- 59-C	K8SIA	57,684- 293- 46-B	PY1QQ	45,000- 229- 40-C			
K3VY	34,074- 171- 54-C	N8EA	47,700- 292- 50-B					
W3MSN	3107- 51- 13-C	K8DU	36,834- 268- 42-B					
		W8UVZ	16,088- 200- 26-B					
		WB8GUS	52,311- 275- 53-C					
		KM8V	19,145- 215- 35-C					
		WABMTX (KABLAR,KD8DA,KMBY, W8YZ,WB8SEZ,WD8QKJ, oprs.)						
		73,505- 360- 81-D						
WESTERN PENNSYLVANIA		OHIO		DOMINICAN REPUBLIC				
K3UA	203,796- 659- 81-A			ST. MARTIN			ASIANIC R.S.F.S.R.	
KG3KB	90,840- 448- 60-A			FP9HOQ (NS4M,opr.)	PY2ERA	27,993- 133- 43-B		
NBDH/3	102,245- 434- 65-B			PY1ZFO	16,250- 127- 26-B			
KAH3IE	47,900- 308- 50-B			PY1AJK	10,200- 87- 24-B			
W3KYN	2912- 40- 16-B			PY3BC	1800- 30- 12-B			
				PP2ZDD	726,480-1629- 90-C			
				PY1NEZ	78,128- 416- 38-C			
				PY3JC	50,949- 37- C			
				PY1QQ	45,000- 229- 40-C			
W4		W8LT (K3JT, opr.)						
		392,280-1122-110-A						
ALABAMA	K2BY	177,562- 545- 77-A						
NE4L	342,063-1173- 81-B	N8BJQ	157,725- 601- 75-A					
KF4VV	8310- 120- 30-B	N8TN	58,854- 376- 51-A					
WD4PZN	78,590- 433- 58-B	W8UPH	41,560- 313- 40-A					
		K8AUT	15,312- 134- 29-A					
GEORGIA	K8APPJ	15,262- 211- 26-A						
W4GLS	79,947- 401- 63-A	K8N8Z	836,1781-1781-123-B					
W4IR	35,278- 155- 62-A	WD8AUB	553,850-1537- 95-B					
WB4MBN	24,072- 242- 34-B	KS8S (WB8N,opr.)	532,532-1434- 91-B					
KE4SG	341,253-1265- 81-C	KW8J	182,910- 755- 67-B					
KD4W	197,374- 807- 83-C	N8BC	120,006- 465- 59-B					
N4BFA	130,060- 598- 70-C	KJ8I	95,408- 414- 67-B					
		KY8F	64,973- 454- 43-B					
		KQ8X	49,020- 285- 38-B					
		W8KFK	352,992-1098- 96-C					
		KC8JH	179,280- 800- 72-C					
		WD8MCH	24,414- 168- 39-C					
		W8IMZ	19,008- 134- 32-C					
		N8EBA	18,042- 158- 31-C					
		K18O	2340- 50- 15-C					
		W8VPV (KD8GC,opr.)	1131- 39- 13-C					
		K8HF	608- 16- 8-C					
		AD8I (+ K8EM,KUBE,WD8XE)	1,358,088-2468-142-D					
		WB8KKI (+ KC8ZH)	376,508-1271- 86-D					
		WD8LLD (+ KA8NUV)	366,357-1145- 87-D					
NORTH CAROLINA								
N4AYJ	66,636- 404- 54-A							
N4EU	50,922- 306- 54-A							
K4PB	132,894- 566- 69-B							
K4HF	2790- 64- 15-B							
N4ZC (N5TR, opr.)	552,556-1414-114-C	N8II	1,133,040-2305-120-A					
N4UH	463,104-1289- 95-C	WA8YTM	107,334- 528- 67-B					
KF4HK	242,128- 998- 74-C	KB8FJ	49,236- 301- 44-B					
WD4AVY	164,864- 753- 64-C	WB8VEN	42,734- 275- 48-C					
		WD8CZA	7080- 100- 20-C					
NORTHERN FLORIDA		W9		MONTSERRAT				
KD4FX	805,980-1988-114-A							
W4QV	125,800- 374- 85-B	WB9JKI	392,238-1248- 99-A					
AC5R	34,317- 233- 41-B	KK9A	33,304- 250- 46-A					
WC4E	9724- 186- 22-B	WD9DGE	25,992- 258- 36-A					
NO4J	160,992- 893- 48-C	WB9MRU	18,164- 168- 38-A					
W4WKQ	110,336- 530- 64-C	K9MFJ	342,313-1013- 97-B					
WB5YL	73,408- 413- 64-C	WD9DBC	172,630- 843- 61-B					
WA4MOJ	62,448- 379- 48-C	WD9HMQ	92,340- 577- 60-C					
N4WW (+ AA4NA, N4SA, NX4N, WA4SVO)	2,190,592-3428-172-D	KB8AC	46,976- 280- 64-C					
		KR9G	31,168- 110- 64-C					
		K9SD (+ K9BGL,DZY,HWU,K09FU, KC9GL,KD9WM,WB9CA)	418,840-1141- 74-D					
SOUTHERN FLORIDA		W4BAA	813,562-1938-127-D	SURINAM				
W9								
ILLINOIS								
WEST VIRGINIA								
INDIANA								
BELIZE								
BOLIVIA		V3TV	53,798- 426- 37-C	MONTSERRAT				
COLOMBIA								
SWEDEN								
DENMARK		OZ7JZ	71,655- 337- 51-A					
		OZ8EI	19,304- 125- 38-A					
		OZ7BW	40,664- 192- 46-B					
		OZ1DYU	28,077- 137- 49-B					
		OZ5PA	5832- 54- 27-B					
		OZ4HW	5263- 69- 19-B					
		OZ8ZB	2275- 49- 13-B					
		OZ2E	1636- 30- 17-B					
		OZ8E	1681- 37- 11-B					
		OZ5EV	47,098- 297- 56-C					
		OZ1APA	20,925- 115- 45-C					
		OZ1CFV	12,276- 112- 31-C					
		OZ1ASP	12,120- 122- 30-C					
		OZ1ACB	4242- 60- 21-C					
		OZ8T	3700- 49- 20-C					
		OZ1DYI	259- 11- 7-C					
SCOTLAND								
WALES								
WALES								
WALES								
WALES								
WALES								



UK5DAA (UB5s,DBC,DCW,oprs)	UK8SAA (2oprs.)	ZONE 37	JA1BNW	11,283- 101- 23-B	ZONE 57	
45,623- 334- 43-D	40,528- 286- 34-D		J1PCN	11,191- 137- 19-B	REPUBLIC OF SOUTH AFRICA	
UK5ICX (EZ7AAJ,UB5-73s 3745, 3825,oprs)	UK9CFR (UA9CGL,UA9CID, UA9-23071,oprs)	PORTUGAL	JA1BN	10,944- 94- 24-B		
41,514- 330- 37-D	2268- 44- 12-D	CT1CBW	JA2KPV	8790- 91- 21-B	ZS1CT 14,098- 177- 16-B	
UK5OAR (3 optrs)	41,488- 535- 28-D	SPAIN	JN1ENK	7258- 119- 19-B		
			JH5OXF	5898- 82- 22-B		
			JA2SAP/1	5840- 79- 16-B		
LATVIA	EUROPEAN RUSSIAN R.F.S.R.		JAT7J	5346- 69- 18-B	ZONE 58	
	UA4HLX 137,150- 702- 50-B		JA8CAQ	5336- 50- 23-B		
UQ2GDQ 1,282,898-2212-144-A	UK4WAB (4oprs)	EA2CR	JA2EII	5280- 71- 16-B	AUSTRALIA	
UQ2GLW 46,530- 359- 47-A	1,054,944-2238-111-D	EA4AXW	JA1KEG	4580- 60- 16-B		
UQ2GFN 1,256,478-2536-122-C		EA2ALW	JABGGD	1694- 42- 11-B	VK8NCW (+VK8NSD)	
KAZAKH	PCZ,UL7-923-434,oprs)	EA3BOW	JA1OYB	627- 17- 11-B	154,835- 807- 39-D	
	2,053,976-3239-152-D	EA3AQS	JH7RZW	3- 1- 1-B		
WHITE R.S.S.R.		EA4YD				
UC2DQ 115,840- 476- 70-A	UL7IBZ 128,172- 642- 44-B	EA1CIM	JG1ZYU (JH7PKU,opr.)			
UC2WBC 7505- 113- 19-A	ULTAAS 84,884- 484- 39-B	EA1BIM	900,567-1892-102-C			
UC2BA 1022- 17- 14-A	UK7PAL (UL7s PAE,PAO,PAZ,PBY,	EA2AX	595,826-1820- 77-C			
UC2WAZ 142,844- 802- 67-B	PCZ,UL7-923-434,oprs)	EA7ECT	JH3DPB	250,743-1004- 53-C		
UC2WBL 118,940- 441- 76-B	2,053,976-3239-152-D	EA1AWW	JA1YCL (JH8DUG,opr.)			
UC2SE 101,588- 436- 69-B		EA4HD	152,700- 837- 60-C			
UC2AFF 51,435- 382- 45-B		EA7CWA	JR1WHW	117,938- 494- 54-C	VK2BQQ 158,200- 469- 70-B	
UC2ACT 46,588- 269- 55-B		EA4Z0	JR4RHK	68,770- 362- 65-C	VK3AEW 80,886- 301- 56-B	
UC2WBj 22,044- 266- 22-B	UH8EAD 77,704- 408- 44-B	EA2SN	JA2BNM	46,096- 271- 43-C	VK2AYD 51,000- 211- 51-B	
UC2AQH 8975- 180- 25-B	UH8HCN 24,612- 197- 26-B	EA3DXD	JM1MGP	41,572- 322- 38-C	VK3FY 8474- 92- 19-C	
UC2AFZ 3218- 83- 16-B		EA5DIT	JI3IFY	34,496- 186- 47-C	VK2WU (+VK2s CIA,CK,NYA)	1,384,254-2653-108-D
UC2AHY 2171- 59- 13-C		EA3BUK	JA8TPE	32,745- 304- 37-C		
UK2AAW (UC2s ACE,ACF,ACU, CFG, optrs)		EA7CEC (+EA7s CFW,TH,EC7CIZ)	JF2IGP	25,143- 273- 29-C		
870,390-2372- 95-D		1,210,835-2506-115-D	JH1UUT	22,410- 257- 30-C	ZONE 60	
UK2OAM (UC2s OBB,OCN,PCB, optrs)	UI8BI 353,004-1269- 69-B		JA8EFT	18,090- 170- 27-C	NEW ZEALAND	
117,136- 732- 53-D			JO1LDY	14,202- 172- 27-C		
UK2AAG (UC2s 756,UC2-899- 498,UA9FAJ,oprs)	ZONE 31	BALEARIC ISLANDS	JA6QDU	12,844- 103- 29-C	ZM2RY 99,351- 329- 63-B	
60,420- 436- 57-D		EA6RCM	JF8CVK	11,780- 341- 20-C	ZM2BR 63,591- 303- 41-B	
UK2AAP (3 optrs)	23,424- 170- 32-D	EA6OA	JA7RXU	11,718- 120- 21-C	ZL1AIZ 10,668- 81- 28-B	
		EA6GP	JA8AD	10,686- 106- 21-C		
			JL1KCO	9980- 105- 22-C		
			JL1EJU	9252- 140- 18-C	ZONE 61	
			JG2VMN	7942- 87- 22-C		
			JR3QIB	7790- 94- 19-C	HAWAII	
			JA5EPE	7194- 72- 22-C		
MOLDAVIA	RA9UD (UA9s,UELLUN,UPL,oprs)	SAUDI ARABIA	JP1HDK	6385- 81- 19-C	KH6CP 52,675- 267- 43-A	
	268,432- 894- 76-D	HZ1AB (K5KU,opr.)	JK3FXN	6084- 87- 18-C	KH6IJ 4575- 61- 15-B	
	UK8UCZ (UA9UPs,UA9-138-178, UA9-139-526,oprs)	1,395,264-2806-104-B	JG2NOS	5909- 91- 19-C	AH6EK 9492- 112- 21-C	
UO5OWN 88,682- 422- 58-A			JM1FB	5850- 71- 18-C	AH6BK (+N6TU,WH6B)	
UO5OWC 88,074- 519- 54-B	83,094- 563- 33-D		JA1IT	5072- 65- 16-C	1,992,872-3042-133-D	
UK5OAA (UO5s OAO,OHD,OHH, OHI,OHK,OIE,ZEO,oprs.)			JA1LOM	4693- 51- 19-C		
735,456-1990- 96-D			JE7CEG	4246- 41- 24-C		
LITHUANIA	KAZAKH	AB3A/4X (+4X6DX,4X6FR)	JA1AAT	4180- 48- 19-C	ZONE 64	
		2,375,423-3863-131-D	JA1DCO	3471- 57- 13-C		
	UL7QF 756,900-1783-100-A		JE1GZB	2414- 30- 17-C	GUAM	
	UL7PFH 22,792- 188- 28-B		JF8NVK	2380- 267- 7-C		
			JI3JQO	2171- 37- 13-C	WD5BJT/KH2	11,135- 134- 17-C
			JI3IDG	1392- 38- 12-C		
			JE7MLJ	975- 27- 15-C		
			JV7VEI	890- 23- 10-C		
			JI3QPN	682- 16- 11-C	ZONE 66	
			JH1FKJ	608- 16- 8-C		
			JA1AV	210- 7- 6-C	ANTARCTICA	
			JO1JKH	138- 7- 6-C		
			JA5DDJ/5	80- 8- 4-C	4K1B (UA6LHK,opr.)	
			JA4PA	80- 4- 4-C	175,248- 495- 72-B	
			JA9YBA (JA9s,LNJ,OTX,QCE, QWJ,VBW,VDA,JH8CAZ,oprs)			
				1,301,776-2507-112-D		
					Checklogs	
					5N6SKD,CT1AIU,EA3JC,EA4CFZ, EA5AEH,EA5CVN,PK8E,HA1ZG, HA3KMA,HA6KAZ,J6AFYM, KA0NNF,KB3ZS,LA1AA,LA8CJ, LZ1GD,LZ1IA,LZ1KHY,N2BXV, N2DZI,OH8SU,OK1AD,OK1DMP, OK1US,OK2FD,OK2TE, OK3CQR,ON5FL,OZ1FGG,OZ3Q, OZ4ZT,PAB1E,PA8PHE,EZE,KKT,oprs)	
					421,596-1139- 84-D	
					JA6YAJ (JE8s,MQW,UV1,JI6VLF, JH8FCK,JI6E,EEZ,KKT,oprs)	
					83,816- 408- 52-D	
					PA8TV,PA8UR,PA2DXY,PA3BWQ, PA3CNV, PY2NGLSM5APS, SM8AYM,SP2UU,SP3XR,SP8BEN, SP8GSC,TU4AT,UA8CCW,UA8LCZ, UA8BSLN,UA8SLP,UA1WAP, UA1ZCP,UA3ACJ,UA3AGI, UA3AJU,UA3ALS,UA3DFV, UA3DJG,UA3DNV,UA3DUF, UA3MDX,UA3TM,UA3VA, UA3VAQ,UA3VEF,UA3XBV, UA4FDU,UA4NDJ,UA4PNP, UA4QK,UA4SBF,UA4YAT, UA4YAZ,UA8AQJ,UA8AKI, UA8ARP,UA8AUW,UA8BJZ, UA8HNJ,UA8LUE,UA8LZR, UA8WS,UA8YCK,UA9AFG, UA9CQJ,UA9QAA,UA9WFU, UA9X5Q,UA9YAR,UA9YBR, UB5AEU,UB5AEZ,UB5EF,UB5EU, UB5FDG,UB5FV,UB5GAY, UB5HBT,UB5IPD,UB5MDP, UB5MGZ,UB5SBM,UB5UEG, UB5UYR,UB5VAA,UB5WBY, UB5ZEQ,UC2LBE,UG6-004-148, UK8SAV,UK1OAQ,UK1ZAA, UK2FAQ,UK3ACB,UK3DDC, UK3RAE,UK4CBL,UK5EDJ, UK5LBJ,UK5UDX,UK5VBW, UK9ADA,UK9AE,UK9HAC, UL7EAH,UL7GBP,UL7PBI, UM6MAZ,UM8MM,UP2NO, UR2RCU,UT5HP,UV3MM,UV3RR, UW3UO,UV4NP,UV6OE,UY5GG, VE3LKR,W2LPV,W5KH,W9YDP, WB8GOB,WB8ZPY,WDBCIJ, Y2-16835/G,Y22TD,Y24BH,Y24WL, Y25GHA,Y25TO,Y26HO/P,Y26J, Y26MH,Y26SO,Y26WMIA,Y2FH1L, Y38ACF/S, Y38ADC,Y38AIC, Y38RM,Y33UO,Y33VL,Y36VM, Y38YK,Y42YG,Y43VI,P,Y42ZIP, Y49RF,Y51WO,Y63ZA,Y83GST, YL5MG,Y02AQD,Y03QK, Y07AO7,TU7RS772	
GEORGIA	ZONE 32	ASIATIC R.S.F.S.R.	JA7DNO	535,116-1490- 76-A		
			JH8JYV	215,166- 584- 82-A		
			JF1EOA	166,635- 507- 69-A		
			JA3AA	129,940- 426- 73-A		
			JH8TRP	93,268- 386- 52-A		
			JH1KLN	67,180- 345- 60-A		
			HL1ACW	34,992- 630- 18-C		
			HL1QT	13,454- 313- 14-C		
ARMENIA	UK8AMM(UA8s,AAK,ADR,UA8- 163-729,oprs)	JA1HTR	JH3YJM (JA3s,BAG,QGI,XGF, JI3AFL,JK3QZU,oprs)	421,596-1139- 84-D		
		JA1OZC	64,080- 226- 60-A			
		JA7DOT	61,380- 299- 44-A			
		JA8BMS/1	56,100- 319- 51-A			
		JA1EEK	30,348- 269- 36-A			
		JR7CDL	27,128- 184- 33-A			
		JA1BU1	26,356- 180- 44-A			
		JA1YES(JH8USD,oprs)	JA7YDQ (JE8s,PSL,PSV,JI6TAW, JI6s GHN, QHk, QPb, PKj, oprs)	168,898- 611- 68-D		
				192,445- 157- 35-A		
				195,908- 748- 67-D		
				JA8YEL (JE8VQY,JI6DQG,oprs)		
				83,816- 408- 52-D		
				JA7YFB (JH7MZO,JI1GXY, JR7JVO,oprs)		
				30,072- 256- 28-D		
				5526- 69- 18-D		
ESTONIA	UA8JAD	ZONE 33	JA6AZH	16,884- 143- 28-A		
			JH8WGN	10,005- 91- 29-A		
			JP3NTS	9980- 100- 27-A		
			JA8GZ	9396- 90- 27-A		
			JE7DOT	7350- 80- 21-A		
			JA1EDZ	7279- 75- 29-A		
			JF1OPL	1430- 38- 11-A		
			JA8DONS	1298- 24- 11-A		
			JL1EJO	770- 47- 10-A		
			JA8GTO	385- 11- 7-A		
			JP1DYZ	531,117-1425- 81-B	ZONE 46	
			JH8LFE	487,377-1266- 81-B		
			JA8DAI	392,847- 933- 91-B		
			JA1HGY	341,938-1028- 71-B		
			JA9CWJ	230,808- 682- 71-B		
			JA1YWW (JA8-0339,oprs)	192,477- 545- 83-B		
				14,322,800-2522-113-B		
ASIATIC R.S.F.S.R.	ZONE 35	ASIATIC R.S.F.S.R.	JA8CGJ	190,808- 622- 68-B		
			JA1GTF	149,247- 455- 69-B		
			JH7WKQ	133,762- 513- 68-B	ZONE 50	
			JR3ODV	127,710- 427- 68-B		
			JA4AMES	95,407- 525- 41-B	REPUBLIC OF PHILIPPINES	
			JR4ISK	75,452- 312- 52-B		
			JH3JYS	65,208- 322- 57-B	DU1TV 33,300- 230- 25-C	
			JA8KSD	48,488- 280- 38-B		
			JR3WXA	47,844- 256- 43-B	ZONE 54	
			JA2DN	39,109- 221- 37-B		
			JH2JEV	37,635- 235- 39-B		
			JA3UCO	35,807- 257- 33-B		
			JA1OP	34,119- 145- 51-B	INDONESIA	
			JA7EC	24,805- 127- 41-B		
			JR3XEX	23,628- 230- 22-B		
			JH7EDC	18,259- 130- 31-B		
			JH7BDS	16,830- 127- 30-B	ZONE 55	
			JR3BOT	15,840- 182- 20-B		
			JA3NKP	15,158- 129- 26-B	AUSTRALIA	
			JA7KJM	14,075- 115- 25-B		
			JA3EEM	12,480- 112- 40-B		
			VK4VU	136,728- 784- 36-C		