

Results of the 1970 CQ World Wide DX (C.W.) Contest

BY FRANK ANZALONE,* W1WY

CONDITIONS were not too bad for this one, (Nov. 1970). Even 10 meters produced some good activity. CX1AAC set a new record on that band. On 21 mc it was TJ1AW for a new mark and on 14 mc KV4FZ, who else. The Europeans had a ball on 160 with DL1ICE at the top also with a new mark to shoot at. And the real big one, the "Flying Expedition" PJ0FC in the multi-multi category. If that gang gets any bigger they will have to charter a 747 to get them all down to Curacao.

I'm sure there are many other records that I have overlooked, but Freddie will give you a full report in next month's issue.

We would have settled for the same number of returns as last year, but we were more than pleased after we had totaled them all up and found that the 1718 entries represented a 5% increase over last year. Add that to the 1425 logs in the phone contest and we have a grand total of 3143, which really puts us in the "cat bird seat" as the biggest contest going.

Still there are certain areas that just do not generate the activity we would like to see, especially the Caribbean/C.A. area. So once again we have left out the W3AA award for that area, keeping in mind that this award, and also the one for Africa are only available to permanent residents of those areas.

We do not go along with the reasoning that the lack of activity from the Caribbean and Central America is due to our scoring system. The two point per QSO and a special award for them only, does not seem to have any effect, so I guess it's the good life down there.

Each year I seem to find it a bit more difficult to compile all the scores and get this report out on time. Maybe I'm slowing up, or it could be because of the increasing number of returns, but some of you fellows sure do not make it any easier. Can you imagine sending in a log and not indicating what band was used? And what do you think that QSO column on the summary sheet is for? Many

of the foreign entries have the habit of bunching their multiplier in one figure, which sure does not help the chap checking his log, but probably adds a few choice words to his vocabulary.

So come on fellows, take a little more time in preparing your log before submitting it. Remember you only have to work on one, we have over 3000 to check. We do not expect you to put your log through a computer, like the ones sent in by W4BVV and W6GFS, but we do expect you to screen it for duplicates and see that it is properly scored. A summary sheet showing the number of QSOs, Zones, Countries and final score is a must. And how do we know where to send your certificate if you do not also include your name and address?

Reporting that the PVRC gang again won the Club Plaque is getting to be old hat. But the FRC is closing the gap and a couple more "big guns" would do the trick. W3GM (old W3BES) gave a good account of itself. The single operator totals are well in favor of the Frankford boys but the multi scores kill them. This year the Contest Expedition scores had little bearing in the final outcome.



K6RU the west coast "Big Gun." Here's Cam Pierce, K6RU showing K6SEN the 3-400Z "that won the contest?" Looking on from l. to r. are W6VSS, WB6YFJ, K6SEN, K6BCE, K6QPH and WA2WMT. (Rest of crew not shown were W6NAD and K6JYO.)

*Chairman, Contest Committee.

PLAQUE & TROPHY WINNERS

Single Operator, Single Band

WORLD—North Jersey DX Association, Earl Lucas, W2JT Memorial Trophy. Won by Herb Schoenbohm, KV4FZ (14 mc)

Single Operator, All Band

WORLD—Larry LeKashman, W9IOP Trophy. Won by Jorgen Rottger, ZS3AW. **U.S.A.**—Frankford Radio Club Trophy. Won by John Lawrence, K1KTH.

EUROPE—W3AU Operators' Trophy. Won by George A. Rumiancev, UA1DZ.

AFRICA—Gordon Marshall, W6RR Plaque. Won by Gordon Hardman, ZE-1DC.

ASIA—Japan CQ Magazine Trophy. Won by Sam Edelman, UK9ABA. (UA9-AN)

OCEANIA—Maui A.R.C. Trophy. Won by Willard Myers, KH6RS. (KH6GPQ)

Multi-operator, Single Transmitter

WORLD—Dr. Anthony Susen, W3AOH Trophy. Won by Station 4M5ANT.

(Oprs. YV5AAQ, YV5AAS, YV5ANT, YV5BOA)

Multi-operator, Multi Transmitter

WORLD—Hazard Reeves, K2GL Trophy. Won by Station W4BVV. (Oprs. G5ALY, K2UYG, K3GJD, K3NPV, K3-OAE, K9OPE, W1BGD, W3BY, W3-BQV, WA3LST, W4BVV)

Contest Expedition

WORLD—Dr. Donald Miller, W9WNV, Dr. Harold Megibow, K2HLB Memorial Trophy. Won by Station ZF1AN. (opers. W2GGE, W2PCJ, W2SUC, WB2CKS)

SPECIAL CQ PLAQUE

World Champions

Multi-operator, Multi Transmitter

Station PJ0FC. (Oprs. K1UDD, K4BAI, K4BVD/6, PJ2VD, W1BIH, W1EOB, W2EQS, W2TA, W4BRB, W4DQS, W4-GF, W4KFC, W4SHB.)

Club Award

Potomac Valley Radio Club

Over on the West Coast, the Southern Cal. boys turned the tables on their Northern rivals reversing the standings of the past two years.

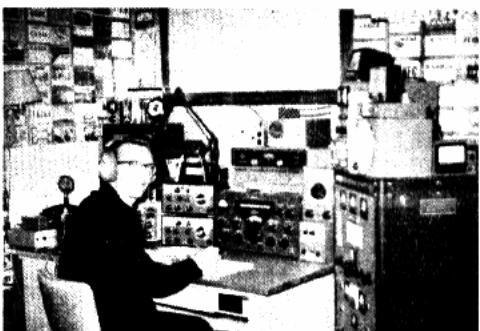
And although the Ohio Valley ARA improved their score they still are not producing the output they are capable of doing. The Florida DX group are now two up on K4IIF's Plaque and get to keep it if they win once more.

There were not too many Expedition stations in this section of the contest but it was not difficult to choose this year's winner of Don Miller's Contest Expedition Award. ZF1AN has been doing an outstanding job for the past years and improving its score each year. So we are awarding the Trophy to the "Boiled Owls" from Long Island for making the Caymans available on all bands to over 2800 contacts.

Totaling up the club scores has gotten to be quite a chore, mostly due to the sketchy information submitted by some of the club secretaries, and the failure to indicate club affiliation on the logs. Even though your club may not be in the running for top honors you probably have something going with some rival organization. Therefore it is im-

portant that your secretary submit a list of participating members and their scores, and that club affiliation is indicated on the logs. Remember that at least 3 entries are required for a club to be listed.

We always check with interest to see what YL operators were in the brawl. We were happy to see Jinny (ex-9N1RA) had organized a multi group at her new VU2IRA location. And you fellows had better watch it.



Another "Big Gun," this the mid-west multi-multi W0AIH. Paul at the main operating position is already making plans for next year's operation. Especially a better output on 10, if the band is still open, that is.

Single Operator - All Band

Station	QSO's						Zones						Countries					
	1.8	3.5	7	14	21	28	1.8	3.5	7	14	21	28	1.8	3.8	7	14	21	28
ZS3AW	6	55	793	511	1102		3	11	27	26	24		4	17	54	57	70	
KH6RS	11	167	492	442	561	598	1	16	22	31	32	28	2	16	31	58	37	33
AX6HD	62	106	766	452	455		16	20	30	30	22		23	29	78	65	58	
UK9ABA	34	287	344	279	222		17	24	34	24	25		51	61	78	69	68	
K1KTH	86	297	253	345	225		20	26	34	32	30		38	61	84	67	64	
HC2GG	146	208	399	404	403		12	16	28	31	24		13	26	64	71	49	
UA1DZ	195	185	556	249	190		16	23	33	26	29		47	51	80	60	71	
EL2CB	19	72	661	408	362		8	9	36	24	18		7	17	81	57	48	
W1BPW	66	283	244	265	181		12	23	34	30	25		36	58	95	67	61	
KH6IJ	128	216	465	534	473		8	19	28	29	21		7	21	58	35	26	

Multi-Operator - Single Transmitter

4M5ANT	2	176	301	620	662	442	2	10	17	32	27	20	2	20	42	87	60	47
ZFIAN	15	295	545	608	682	659	4	14	17	30	23	22	3	31	47	69	55	50
W3WJD	148	424	380	335	249		19	34	37	27	29		51	87	98	76	67	
CV3BH	3	15	78	696	551	799	2	7	14	31	26	28	3	7	18	67	54	77
WB2SQN	1	62	325	373	337	186	1	12	27	38	30	23	1	30	70	98	77	64
OH0AA	18	143	181	608	486	254	2	11	18	32	29	27	9	52	67	108	102	98

Multi-Operator - Multi-Transmitter

PJ0FC	92	668	1338	1974	1641	1377	8	17	26	34	34	31	8	46	75	109	84	79
W4BVV	14	173	665	810	909	485	4	25	33	38	37	31	5	56	86	122	107	80
W3AU	15	185	652	872	784	502	4	24	30	38	37	31	5	60	80	128	112	84
W7RM	14	158	752	837	747	311	7	25	33	38	34	30	6	35	78	106	88	60
W3GM	15	191	721	740	532	409	6	23	30	37	29	29	7	57	81	108	70	70
SK5AJ		394	679	793	748	305	9	32	35	32	31		43	76	91	73	82	

Band-by-band breakdown of top scores.

the multi operation at UK2BAP was an all girl team of 3 YL's. And here's more to look forward to, the operation at UK3XAM was by a 13 year old young lady. There must have been others that we unfortunately overlooked.

Many exotic calls heard during the contest never show up in the results list simply be-

cause they fail to submit a log, but it was good to receive UA1KAE/1's all the way from the Antarctic via Moscow. But we can't get one from the guy in our own backyard.

Enough of this chatter, let's see what some of the boys had to say.

Ray, 3B8CR in faraway Mauritius was plagued with duplicate QSOs, wants a fool-proof system of eliminating 'em before they occur. Apologies to those who tried to work his 28 mc harmonic. To those who worked his 14 mc fundamental twice, "Rats," and to the two who managed 3 QSOs, "Ah! I can just hear them asking all their friends, how do you get a card out of 3B8CR?"

You think you have TVI troubles? Alex, UA3RH found conditions on 80 outstanding, and two broken windows by TV lovers.

John, G3HCT, the big signal on 21 mc, had no problem working Zone 29 now that his brother Mich, ex-G3HDA is signing AX6HD.

And G2BW arrived at 9H1CH just in time
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EA2FA, one of the few active c.w. stations out of Spain, most of the operation seems to be on phone. Maybe Jesus can stir up more contest activity in the next one.

TOP SCORES

TOP SCORES SINGLE OPERATOR ALL BAND

ZS3AW	2,098,466	HC2GG	1,533,728
KH6RS	2,064,575	UA1DZ	1,398,688
AX6HD	2,007,852	EL2CB	1,373,415
UK9ABA	1,719,663	W1BPW	1,361,808
K1KTH	1,632,480	KH6IJ	1,355,508

SINGLE BAND

28 mc		14 mc	MULTI-OPERATOR
CX1AAC	681,636	KV4FZ	908,514
ZE1BT	263,430	PY2BGL	673,679
9J2XZ	197,910	PY4AP	652,974
ZS2HI	149,645	CR6IK	549,180
KILWI	138,132	3B8CR	450,018
K1DIR	136,885	CR6AI	339,068

21 mc		7 mc	MULTI TRANSMITTER
TJ1AW	549,888	W6ISA	131,214
OA3Y	434,231	W2LXK	116,905
CX1JM	378,392	W5WZQ	114,002
G3HCT	317,312	YV5AW	87,730
WA8LYF	286,767	K1ZND/1	87,482
YU3TVP	225,877	YV5KL	80,288

Number groups after call letters denote the following:
 Band (A-all); Final score;
 Number of QSOs; Zones and Countries. Certificate winners are listed in **Bold Face**.

SINGLE OPERATOR NORTH AMERICA

United States

K1KTH A 1,632,480 1206 142 314

W1BPA W 1,361,808 1059 124 317

K1NOL A 1,274,286 995 126 316

K0DQ1/1 A 909,230 754 122 297

W1PLN " 699,352 713 101 243

WIEZD " 333,675 501 73 152

W1OR " 175,175 251 85 160

W1DIT " 129,592 234 71 123

W1CNU " 117,150 241 52 113

W1WY " 87,101 197 56 108

W1CHA " 82,458 187 58 104

W1FLN " 66,178 151 62 101

W1AFBX " 60,984 141 49 105

W1ARR/1 " 55,937 152 48 83

K1VTM/1 " 23,594 96 36 58

W1IQD " 23,000 84 39 61

G3XPM/W1 13,104 73 30 61

W1EGM " 6,670 42 25 33

W1CZC " 5,670 48 20 25

W1PLJ " 1,596 20 13 15

K1LWI 28 138,132 442 30 78

K1DIR 28 138,885 410 33 92

W1NU " 78,351 300 27 64

W1CYT " 22,980 134 18 42

K1HVV 21 190,722 566 33 81

W1MDO 21 173,124 471 34 92

WA1FCN/1 1,241 27 6 11

W1WAI 14 180,608 457 36 100

W1LWV " 1,360 28 6 14

K1ZND/1 7 87,482 369 21 62

W7TML/1 3.5 38,559 207 15 32

WICKA " 14,640 88 19 42

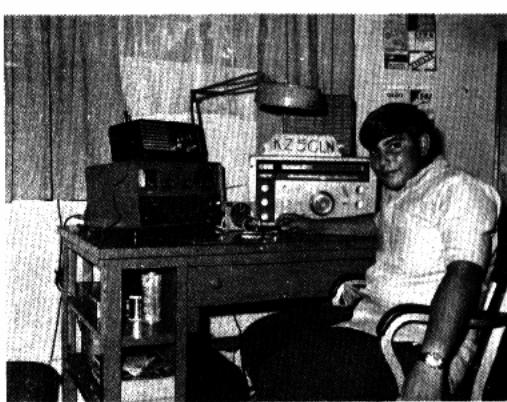
WISWX " 6,902 43 17 41

W1FTD " 1,902 32 9 15

W1HGT 1.8 1,160 28 8 12

VE2MW/W2A	W3AIZ	W3KVG	W4DW	A 738,276 736 113 244	
K2INP	494,382 584 99 199	W3GRS	252,047 366 84 154	W4DW " 393,390 490 93 185	
K2QIL	A 374,825 468 100 175	W3QOR	236,522 300 95 191	W4FW " 381,710 461 95 195	
W2U1	333,540 471 72 182	W3NK	228,663 330 85 158	K4CTY " 325,920 522 59 151	
W2CP	122,199 202 66 165	W3QDR	213,864 333 76 152	W4PS/P " 322,350 370 103 204	
W2IR	105,525 215 67 108	K3TGM	206,354 347 69 142	K4KQ " 325,146 415 93 186	
W2YCW	93,280 185 65 111	W3NNK	203,680 277 94 174	W4WSF " 295,404 435 89 186	
W2HL	72,772 158 65 96	W3KWT	179,352 204 67 145	W4PGW " 292,058 427 80 159	
K2DDK	71,442 136 68 121	W3FA	158,604 269 74 134	K4CE " 236,898 341 86 160	
W2DF	60,270 142 44 103	W3ALB	145,160 216 61 129	W4TMR " 217,422 309 93 163	
WB2GG	43,318 126 43 78	W3AZD	134,305 276 62 109	K4OD " 216,568 325 90 163	
WA2VYA	42,097 163 29 60	W3GID	128,581 207 77 140	K4ZA " 198,531 291 88 186	
W2HUG	40,875 130 28 78	W3GDH	121,752 247 63 108	W4SGE " 192,920 312 71 141	
W2CKR	35,035 134 27 64	W3DRD	116,090 211 65 125	W4HOS " 161,938 244 92 151	
WA2LOG	31,105 108 60 63	W3AJH	94,640 189 69 113	K4XSD " 151,278 457 33 81	
W2HO	21,008 76 43 61	W3ENM	87,675 189 66 109	K4XKV " 79,056 171 60 102	
K2SHL	11,242 59 30 43	W3HVM	45,012 131 48 73	W4TUE/4 " 55,892 127 54 103	
WA2BEX	5,824 39 28 78	W3ZJ	43,648 123 48 76	WB4JEZ " 54,955 140 59 88	
W2UJ	5,390 34 25 30	W3CGS	42,003 122 45 72	W4BJ " 48,909 140 48 71	
W2MB	2,175 22 12 17	WA3JZR	36,594 116 43 71	W4VC " 31,080 102 39 60	
W2HAE	1,550 18 14 17	K3DRT	25,048 95 36 65	K4AEH/4 " 21,600 87 37 53	
WA2MSF	630 14 6 9	W3KRA	20,526 92 29 47	WB4PQC " 18,960 112 32 47	
WA2HZR	28 66,839 258 26 63	W3CFB	20,405 89 21 56	K4OCE " 17,424 76 38 63	
W2NEP	19,800 101 20 46	W3AEL	18,571 114 36 74	W4WR " 13,983 64 36 43	
W2WD	21 156,116 428 33 91	W3TV	12,008 54 32 47	K4PR " 13,510 70 28 43	
W2EUO	43,659 185 23 58	W3YSH	7,874 44 25 37	K4JO " 7,308 45 25 33	
WB2MQI	11,954 96 12 31	W3CRE	6,028 50 16 28	W7KMS " 6,464 37 28 10	
WB2KSK	2,220 29 11 19	W3ML	5,406 38 20 21	W7BBX/4 " 1,178 21 15 10	
W2BHJ	14 40,107 159 28 59	W3EVW	4,324 31 22 25	W4SPQ " 247 7 6	
WA2AUB	29,808 114 28 64	W3EKZ	3,515 34 12 25	K4JWM " 28 104,944 342 34 78	
W2LXK	7 116,905 388 27 76	K3JLI	2,752 25 19 24	K4KJN " 93,330 316 30 72	
K2EKM	2,835 31 14 27	W3CSZ	2,688 32 9 19	K4CYU " 81,641 272 31 70	
W2Y	3.5 16,801 116 12 41	W3PZW	28 114,290 350 32 78	W4CRW " 68,068 256 25 68	
W2BHK	2,220 29 11 19	K3JGJ	58,328 217 27 63	WB4SPK " 23,392 122 22 46	
W2BHN	14 40,107 159 28 59	W3EZZ	3,515 34 12 25	K4UAA " 714 13 10 1	
W3AIXW	" 37,418 177 24 54	WA3HMM	49,581 189 25 62	WB4IAE " 6,930 53 1 29	
W3QL	" 88,300 303 29 71	W4EEO	46,892 218 25 61	WB4RYZ " 3,024 25 17 29	
W3AJGY	" 76,140 281 27 67	K4PDV	105,909 285 35 94	W4JMV " 98,479 218 25 61	
W3TMZ	" 41,148 172 23 58	WB4QKE	65,752 204 35 83	W4JGK " 47,428 218 25 61	
K0QET/3	" 16,821 93 18 45	K4TBW/4	14,283 74 27 47	W4E4Z " 7 8,756 70 12 32	
W3UHN	" 12,644 75 18 40	W4E4Z	7 8,756 70 12 32	W4ZRT " 1 2 2 1	
W3LRN	" 12,852 82 16 38	K4ARP	3.5 9,936 83 14 34	W4AR	3 0 1 1
W3MWP	" 45,155 35 17 26	W4ONQ	8,184 72 15 29	WB4LDM	4,760 56 14 21
W3MFJ	" 361,501 432 102 199	W4ADM	1,617 31 8 1	WB4SJG	" 1,617 31 8 1
K3WIV	" 369,075 456 94 191	W4WHD	A 1,018,139 883 122 279	WB4SJG	" 1,617 31 8 1
W3AXW	" 361,501 432 102 199	W4WHD	A 1,018,139 883 122 279	WB4SJG	" 1,617 31 8 1
W3MWP	" 45,155 35 17 26	W4WHD	A 1,018,139 883 122 279	WB4SJG	" 1,617 31 8 1
W3QMO	" 45,155 35 17 26	W4WHD	A 1,018,139 883 122 279	WB4SJG	" 1,617 31 8 1
W3MWF	" 60,768 221 28 68	W4WHD	A 1,018,139 883 122 279	WB4SJG	" 1,617 31 8 1

WAASGF	1.8	448	27	7	9
K4DBV	"	312	18	6	7
W5JAW	A	870,909	744	140	271
W5KGJ	"	367,722	464	99	180
W5LJJ	"	318,784	398	104	180
W5QNY	"	150,381	242	93	138
W5U5CT	"	136,374	258	74	117
W5ZSX	"	130,600	189	79	121
W5OSJ	"	130,453	246	76	115
W5OB	"	92,296	185	82	114
W5FCX	"	84,968	199	59	83
W5ASSOG	"	17,170	73	36	49
K5ABV	28	56,964	213	30	64
WA5RXT	"	51,531	204	26	63
W5RMC	"	42,640	191	27	55
W5GO	21	121,440	360	33	82
W5RTQ	"	98,273	350	30	71
W5OYH	14	25,502	86	31	51
W5WZQ	7	114,002	330	32	87
W5SBX	3.5	9,246	80	17	29
W5KC	"	3,370	43	11	20
W5RSZ	"	1,380	30	9	11



KZ5CLN is a Novice station in the Canal Zone. Guy had to explain to other novices that he was in a contest, so contacts were slow and drawn out. (We'll send you a certificate for your efforts Guy.)

W6RR	A	975,066	1040	118	208
K6AHY	A	956,484	1010	127	199
W6MAR	A	864,058	911	132	202
K6SDR	"	779,220	836	122	202
W6DGH	"	513,906	631	122	169
W6CYX	"	453,654	577	115	164
W6DQX	"	431,230	524	121	169
K6NA	"	355,328	451	106	150
W6WX	"	340,360	487	111	157
W6T2D	"	285,824	435	94	138
W6BH	"	284,752	465	77	131
W6NKR	"	208,951	366	87	136
W6MOR	"	203,983	329	77	144
W6IPH	"	196,600	349	90	110
WA6DKF	"	195,980	306	101	138
DX6RX/W6	"	171,648	328	88	112
W6APW	"	166,158	324	77	104
K6DC	"	156,599	362	62	87
W6ISQ	"	139,275	227	101	124
K6YGS	"	110,346	254	68	91
W6CLM	"	97,097	247	64	79
K4TKM/6	"	84,150	198	67	83
W6EJ	"	77,244	174	62	95
W6EJJ	"	75,957	163	80	93
K6CYX	"	73,700	178	69	84
WA6CMX	"	67,990	182	60	70
K6HH	"	62,602	191	51	62
W6HQN	"	54,279	122	72	91
W6JKJ	"	52,736	150	62	66
W6WE	"	51,205	163	49	64
W6KPJ	"	42,007	133	56	63
W6JKR	"	38,070	110	64	77
WB6WAY	"	28,424	112	43	45
WA6KHE	"	22,989	105	36	43
K6TXA	"	15,247	68	34	45
W6KHS	"	14,454	73	30	42
W6EIF	"	13,650	72	32	33
K6OC	"	12,128	115	17	20
WGNT	"	10,575	77	23	24
W6GLY	"	9,627	46	32	33
W6GBY	"	9,338	69	22	24
W6EJA	"	8,256	59	23	25
W6CLP	"	7,590	50	26	25
WB6KOR	"	5,244	44	23	23
K5MHG/6	"	4,403	47	26	23
W6YFY	"	2,432	29	20	18
W6RQZ	"	1,173	28	9	8
W6BIL	"	924	14	9	13
WAGNGG	28	51,012	226	27	51
WB6AQF	"	48,840	256	26	40
K6AO	21	21,896	117	24	44
W6HJ	"	15,635	93	22	37
K6EBB	14	151,095	491	33	72
K6OZL	"	84,985	262	35	80
K6IH	"	67,748	235	34	68
K6OZ	"	66,543	191	37	86
WA6IQM	21	57,134	201	34	64
K6QW	"	52,421	203	32	57
W6ISA	7	131,214	484	33	60
W6MVA	"	52,575	254	29	28
W6ITY	3.5	15,000	117	22	28
W6NJU	1.8	80	10	4	4

W7CFJ	A	820,938	810	131	235
W7RS	"	309,120	371	110	170
W7NP	"	243,390	454	75	108
WA7CGR	A	195,446	426	68	90
W7AYY	"	50,436	172	49	59
W7QN	"	15,836	74	35	39
W7IEU	"	15,824	66	40	46
WA7MMK	"	4,150	30	25	25

VE1AE	14	15,600	94	19	41
VE1AIH	7	34,580	198	20	50
VE2UN	A	798,876	1042	93	220
W2DXL/VE2	"	644,259	1247	84	147
VE2AYU	"	552,475	764	93	194
VE2BZD	"	278,016	393	85	171
VE2NV	"	221,276	424	61	127
VE2DKJ	"	161,700	368	52	113
VE2AIL	"	24,990	286	40	45
VE2AL	"	20,010	224	29	29
VE3BUV	A	90,258	296	59	88
VE3BMV	7	6,670	59	17	36
VE3CDX	3.5	32,565	194	21	44
VE3KZ	"	54,834	444	18	39
VE6MZ	A	20,794	125	34	40
VE7BZC	A	231,616	634	64	90
VE8BB	A	211,770	840	50	67
Canal Zone					
KZ5CU	A	92,105	365	44	72
KZ5CLN	21	2,840	68	9	11
Costa Rica					
K1WKK/T12	A	110,134	490	48	58
Dominican Rep.					
H13KAM	A	26,038	287	24	23
HIBLC	14	42,029	320	23	38
Greenland					
OX3WQ	A	626,772	1154	54	172
OX3AX	14	99,400	600	22	48
Guadeloupe					
FG7XF	14	7,587	134	11	16
Honduras					
HR2GK	A	6,468	93	17	16
Nicaragua					
HT1MG	A	540	14	10	10
Panama					
HP1BR	14	9,288	68	21	33
Puerto Rico					
KP4DJII	A	142,437	601	38	41
KP4DXK	7	73,570	548	19	51
Virgin Is'ands					
KV4AM	28	19,960	239	20	20
KV4FZ	14	908,514	2315	36	117
AFRICA					
WA0CPX	A	88,200	208	56	91
WA0YEF	"	10,360	59	35	39
WA0JOO	"	43,617	167	30	63
KQMMH	7	14,630	102	20	35
WB0SCD	"	27,880	146	26	42
WB0KBG	"	20,646	115	21	41
WB0ACVS	21	168,386	493	33	85
WB0BEM	"	9,256	67	21	31
WB0BPQ	"	1,575	25	13	12
WB0YJH	14	152,208	360	39	105
WB0CSR	"	67,973	236	30	71
Angola					
CR6IK	14	549,180	1375	34	101
CR6AI	"	339,068	989	32	84
Ascension Is.					
ZD8H	A	96,434	352	34	59
TJ1AW	ZI	549,888	1447	35	93
Cameroon					
EABBK	A	127,925	356	41	78
EA8FH	"	6,804	67	15	21
Cape Verde Is.					
CR4BV	14	2,314	31	10	16
Canary Islands					
Ivory Coast					
TU2BW	28	45,300	257	16	44
Kenya					
SZ4LW	A	135,767	344	50	87
Liberia					
EL2C8	A	1,373,415	1522	95	210
EL2BZ	14	162,603	624	27	62
Madeira Is.					
CT3/DJ1QP	A	1,014,448	1209	81	203

Malawi 7Q7AA A 735,750 831 88 162
 Mauritius 3B8CR 14 450,018 1159 35 103
 Morocco CN8DW 3.5 15,759 153 9 26
 Rhodesia ZE1DC A 519,912 1001 70 104
 " " 60,860 351 21 47
 ZE1BT 28 263,430 983 26 64
 ZE1BL 21 98,637 431 26 51
 ZE1CU 14 332,010 951 34 85
 ZE2KV " 284,144 858 35 77

Seychelles VQ9TF 14 20,515 131 24 31

South Africa ZS2CW A 60,372 190 40 77
 ZS2HI 28 149,645 616 25 57
 ZS6AYU 21 116,058 451 30 57
 ZS5EY 14 140,650 499 30 67

Southwest Africa ZS3AW A 2,098,466 2467 91 202

Swaziland ZD5X A 130,350 284 65 100

Tristan da Cunha ZD9BM A 115,340 344 43 67

Zambia 9J2ZX 28 197,910 749 29 66

ASIA Bahrain MP4BHM A 173,376 363 55 117

Hong Kong VS6BL A 160,427 655 49 88

India VS6AF 21 124,200 763 31 69

Iran EP2BQ A 1,084,870 1198 88 226

Israel EP2FB " 251,771 503 54 127

Japan 4X4VF 28 18,040 142 12 32

JA2HO A 220,782 496 83 103

JA5BJY A 206,504 447 76 90

JH1MRS A 145,690 337 81 89

JA7AD " 142,104 316 83 103

JA6CLO " 138,857 302 86 99

JA3BKC " 138,566 334 62 96

JA3HTT " 99,448 303 55 69

JA7ARZ " 98,889 297 56 63

JA1AYO " 96,026 292 65 68

JA8DIM " 80,370 301 55 59

JR1OUU " 72,292 231 55 69

JA3FYC " 61,716 225 55 56

JA1KZP " 61,132 203 54 62

JH1WIX " 58,235 223 43 52

JA2CEC/1 " 53,245 118 56 59

JA2HNP " 51,600 114 56 64

JA1JKG " 45,592 284 28 28

JA1AS " 39,790 145 57 58

JA6MG " 28,158 134 30 48

JA3CKR " 26,544 162 42 37

JA1AFF " 23,577 108 45 42

JH1DJD " 23,254 119 37 40

JA9CWI " 16,820 112 25 33

JA5AF " 13,529 72 41 42

JA3OLQ " 12,529 84 33 34

JA1BZM " 12,376 93 29 27

JA3XNL " 10,472 68 33 35

JA6DD " 9,900 60 28 27

JA30EA " 5,952 59 24 24

JH1IWW " 4,095 43 20 19

JA2SHV " 3,306 58 9 10

JA9EDG " 2,670 34 12 16

TOP U.S.A. SCORES

Single Operator

All Band	KIKTH	1,632,480
28 mc	K1LWI	138,132
21 mc	WA8LYF	286,767
14 mc	K8MMM	269,552
7 mc	W6ISA	131,214
3.5 mc	W3MFV	60,768
1.8 mc	W1HGT	1,160

Multi-Operator

Single Trans.	W3WJD	2,259,075
Multi Trans.	W4BVV	5,552,352

Kirghiz A 391,564 763 62 2

UM8FM " 3,982 67 6

Tadjik UJ8BQ A 10,920 92 19

UJ8AB 14 3,597 45 12

UJ8AW 7 9,180 93 12

Turkoman UH8CS A 148,000 326 59 1

UH8BO " 141,000 278 66 1

UH8DC " 16,878 117 25

UH8DK " 14,204 90 25

UH8BZ 14 2,700 52 8

Uzbek UK8IAA A 70,300 209 35

UI8BL 14 2,356 59 11

EUROPE

Austria OE3AX A 36,295 207 40

Belgium ON4XG A 337,457 705 67 1

ON5GQ 21 110,308 482 29

Bulgaria LZ2PG A 330,505 694 74 1

LZ2RF " 224,609 579 64 2

LZ2KKZ " 153,216 518 47 1

LZ2IM " 37,320 205 41

LZ2KAF " 15,969 231 38

L71XZ " 14,213 197 14

LZ2RN " 5,831 95 14

LZ2RH " 1,080 59 5

LZ1BM 28 39,600 218 31

LZ1CW " 27,875 168 22

LZ1GU 21 19,720 199 19

LZ2EE 14 20,898 182

LZ1NJ 7 56,644 546 16

LZ1AG 145,072 400 18

LZ1VM " 23,814 318 12

LZ2KG0 " 22,308 334 12

LZ1MD 3.5 8,015 195 8

Czechoslovakia OK2RZ A 932,256 1182 110 2

OK1PD A 908,556 980 117 2

OK1ARN A 294,576 750 63 1

OK1AGI " 167,055 413 69 1

OK1AOR " 149,139 348 63 1

OK1ACFK " 107,865 405 48

OK2BNZ " 100,800 305 56 1

OK1KY5 " 97,470 332 51 1

OK3ER " 86,625 335 38

OK1KZ " 56,461 258 40

OK2BMF " 54,990 303 37

OK1MSP " 39,750 170 41

OK1DIM " 34,500 306 18

OK3EE " 33,184 128 49

OK2BWI " 30,888 164 34

OK1KCD " 27,775 150 33

OK2BEC " 26,404 218 27

Armenia UG6JJ 14 82,800 408 25 55

UK6GAE " 28,704 196 18 34

UG6EA " 25,960 171 19 40

UG6AD 3.5 76,012 436 13 49

UG6AV " 493 12 6 11

Azerbaijan OK1BLU " 5,472 82 19

OK1KDM " 4,446 114 7

UD6AM A 331,449 623 69 132

OK1DZS " 3,744 47 19

UD6BQ " 233,334 473 52 122

OK2PCL " 2,844 49 11

OK2BXA " 2,220 40 14

UD6FA " 14,602 108 13 36

OK2BMH " 1,891 21 14

UDGBW 3.5 8,262 95 6 28

OK3EQ " 1,755 29 12

Georgia OK2KMB " 1,652 73 8

UF6LA A 577,486 823 52 135

OK2BC1 " 1,632 27 13

UF6CX " 10,440 285 13 22

OK2BBQ " 1,410 45 9

UK6QAA 14 85,728 437 24 52

OKIGT " 28,104,834 376 32

UF6DD " 14,152 179 8 20

OK1KTL " 15,812 96 23

Kazakhstan OK1MGW " 15,552 116 21

OK3CDN " 5,472 82 19

OK1BLU " 4,446 114 7

OK3AS " 5,952 62 12

OK7CA " 114,807 302 45 102

OK3S " 3,744 47 19

OK2QX 21 149,036 593 31

OK1LZ " 60,916 278 28

OK2DK " 16,878 117 25

OK1ZL " 14,204 90 25

OK2BKR " 54,880 250 29

OK2PAE " 27,170 185 20

OK1DN " 23,900 185 19

OK1MX " 21,672 121 26

OK2WDC " 14,805 117 20

OK2PAD " 7,804 90 14

OK3AS " 5,952 62 12

OK3UL " 18,568 158 16 28

OK1DN " 17,194 130 13 35

OK1LMX " 17,194 130 13 35

OK2PCN " 16,796 139 19

OK1CJ " 5,715 47 21

OK3QQ " 4,131 57 12



Don't know if Biu, PY4AP is pulling our leg but he claims this is his final, and that he is looking for a new country on 14 mc. Evidently he did not find enough of them. (PY2BGL nosed him out.)

OK3CEG " 1,188 18 13 14
OK3OM 14 140,112 661 30 82
OK3ZFM 14 55,298 400 24 62
OK2BFS " 48,149 293 24 65
OK3ALE " 48,140 308 27 56
OK3DT " 42,679 268 27 64

Denmark
OZ1LO

France
FBTC A 281,253 754 55 122

France
FBTO " 178,972 390 60 142
FBTM " 88,509 295 49 114
F2PO " 18,468 109 35 41
F6ACV " 4,558 52 18 35
F6API " 4,223 55 15 25
F8SF " 1,794 42 14 25

Germany
DL7AA A 544,150 740 89 189

Germany
DL6WD A 487,340 806 71 165

Gibraltar
ZB2AV A 66,330 363 32 78

Hungary
SV4WP 14 134,400 1016 26 54

OK1AMF " 26,725 178 28 55
OK1EP " 20,748 153 22 54
OK1DBM " 18,632 123 22 46
OK3CEA " 17,485 149 20 45
OK3CES " 13,200 140 17 43
OK2BBJ " 10,032 149 12 36
OK2BNI " 9,850 148 14 36
OK2PBG " 4,928 71 14 30
OK3KGQ " 3,219 85 8 21
OK3CGT " 1,404 52 5 21

England
G3FKB

A 1,121,445 1218 103 248

A 261,820 475 66 181
G3ESF " 223,839 545 60 155
G3RUX " 134,640 370 57 123
G2AJB " 114,660 359 55 125
G2BOZ " 100,596 467 26 57
G3CWL 28 1,955 37 10 13
G3MCT 21 317,312 924 38 96

England
DL1MD

A 224,740 485 73 156

Greece
SV4WP 3.5 1,480 80 4 16

Hungary
DL2XP " 218,808 486 67 149

OK1AIN " 1,080 31 9 18
OK1AEH " 494 18 6 13
OK2PEQ " 418 20 7 12
OK1ATT 7 38,290 362 18 52
OK2BOL " 12,300 173 12 38
OK2PDL " 7,266 108 9 33
OK2BIP " 6,895 87 12 23
OK2PAW " 5,950 119 9 26

England
G3JXY

A 1,121,445 1218 103 248

" 226,389 545 60 155
G3ESF " 223,839 545 60 155
G3RUX " 134,640 370 57 123
G2AJB " 114,660 359 55 125
G2BOZ " 100,596 467 26 57
G3CWL 28 1,955 37 10 13
G3MCT 21 317,312 924 38 96

A 14 22,620 217 20 40
DL1ES " 211,344 461 80 158
DL8FD " 206,307 375 78 165
DL1JF " 180,245 496 58 107
DL2JJC " 145,527 345 60 119

Hungary
HA5HS A 91,186 408 38 89

Hungary
HA8CH " 7,755 135 12 43

Hungary
HA9PE " 5,014 110 12 34

OK1KXW 3.5 59,598 586 17 60
OK2RO " 19,224 299 9 45
OK2H1 " 14,418 240 10 44
OK2ALC " 3,108 112 5 23
OK3BHU " 2,652 100 6 20
OK3YCL " 2,160 98 4 20
OK3TOA " 1,888 49 8 24
OK3CGI " 1,701 59 6 21
OK2PDM " 1,265 58 4 19
OK1HBD " 954 55 3 15
OK2BR " 563 43 4 9
OK2BSA " 450 25 5 13
OK3TBC " 133 19 2 13
OK1ATP 1.8 2,844 165 3 15
OK1KRS 1.8 2,176 135 3 13

England
G3KMA

" 30,488 219 17 57
G3XAP " 30,912 153 40 56

DL1GN " 30,912 153 40 56
DL6BP " 30,912 153 40 56
G3JXY " 30,912 153 40 56
G3CXX " 39,370 330 17 50
G3KMA " 33,098 318 17 50

Hungary
DL1GN " 107,520 281 55 105
DL2XP " 102,060 292 48 114
DL8FD " 95,400 227 68 132

Hungary
HA5AM A 14 51,110 291 31 64

Hungary
HA7MC " 5,187 97 11 28

Iceland
HA5OF " 1,300 43 7 18

G3ATD 3.5 10,280 142 9 31
OK3YCF " 795 62 2 13
OK1JJB " 468 38 2 11
OK3CCC " 207 26 2 7

England
G5ATD

A 28 133,455 478 32 73
G3TWW " 21,594 212 12 47
G5AQO " 8,160 150 8 40
G3ATD 3.5 10,280 142 9 31
G5ATD " 15,330 167 13 57

DL1HT " 11,929 144 12 67
G5ATD " 9,765 105 30 63

Hungary
HA9OX " 7,300 883 7 63

Hungary
HA3GO 3.5 6,888 154 9 32

Iceland
K2LQQ/TF 14 136,980 954 26 64

E15F	Ireland	A 8,178	58	21	26	SP5OD	" 20,960	190	24	56	
E19ONE	I.B.	A 2,041	157	2	11	SP9AAB	" 20,340	210	20	70	
GD3AIM	Isle of Man	A 41,216	236	31	61	SP9PT	" 14,790	63	42	45	
II1BQI	Italy	A 492,915	892	74	181	SP9AGS	" 12,629	136	19	54	
ICV	"	A 38,770	247	26	56	SP5ATO	" 6,039	39	27	34	
IMMR	"	A 32,065	400	11	42	SP6PBA	" 4,680	64	21	31	
Contest Scores Gal. 6	"	"	"	"	"	SP2AN	" 2,451	60	10	33	
II1AMD	"	A 11,400	143	12	28	SP2AHD	" 1,600	32	14	26	
IROKGM	"	A 7,700	145	7	28	SP9AVZ	" 580	30	6	14	
II1ANP	"	A 7,626	148	8	33	SP3DOI	28 47,112	215	25	53	
II1YCZ	"	A 4,384	106	5	27	SP1AGE	" 35,910	158	29	61	
II1HL	"	A 3.6	722	38	4	SP8AWL	" 21,352	121	24	44	
ITU	"	"	"	"	"	SP3AK	" 6,169	72	14	17	
4U1ITU	A	659,360	1,286	80	180	SP3AOT	" 2,100	31	12	13	
DJ6SI/LX	Luxembourg	A 359,030	872	72	158	SP1CTN	" 1,911	31	10	11	
9H1CH	Malta	A 38,532	268	24	52	SP9ZD	" 1,278	25	9	9	
PA0INA	Netherlands	A 313,690	640	76	171	SP2UU	" 792	18	8	10	
PA0VB	"	A 102,354	354	52	104	SP5ZA	21 26,082	150	24	45	
PA0WAC	"	A 17,010	147	23	31	SP8AG	" 11,800	79	25	41	
PA0PHK	"	A 6,627	47	19	28	SP8SHR	" 11,374	98	17	30	
PA0QUV	"	A 28,134	113	20	28	SP9CAV	" 8,372	104	17	29	
PA0ABM	"	A 36,852	348	19	55	SP1EUF	" 2,754	60	17	17	
PA0PN	1.8	198	22	2	7	SP9BPF	" 2,120	51	12	14	
LA1OA	Norway	A 561,834	1,050	80	154	SP6CXC	" 384	14	5	7	
LA6GF	"	A 338,500	583	80	170	SP2AVE	14 86,900	443	33	77	
LA8OM	"	A 146,327	477	44	87	SP9ADU	" 78,480	428	31	78	
LA4EJ	"	A 103,704	375	47	102	SP8CP	" 74,547	433	28	71	
LA2Q	"	A 68,900	326	39	91	SP5BAK	" 40,016	299	25	57	
LA4ZL	"	A 42,543	216	39	48	SP7ASZ	" 26,568	219	22	50	
LA3HN	"	A 21,168	129	31	53	SP2AJO	" 17,500	150	23	47	
LA1P	"	A 7,584	78	16	32	SP2KDS	" 5,382	87	13	26	
LA9M	"	A 540	23	6	14	SP6UK	" 3,400	75	11	29	
LA8WG	14	27,531	249	17	36	SP1BLE	" 1,769	51	7	22	
LA6U	"	A 19,520	170	9	52	SP9DOW	" 1,066	32	8	18	
LA8XM	"	A 3,078	58	10	28	SP6TQ	7 49,544	359	23	65	
LA6XI	"	196	13	4	10	SP8AQN	" 10,868	126	14	38	
SP8CNR	Poland	A 156,210	403	59	146	SP9CS	" 6,600	98	11	29	
SP9CTW	"	A 133,678	460	53	125	SP2PAH	" 6,279	148	7	32	
SP8CUJ	"	A 115,005	394	55	110	SP9DBK	" 4,932	112	8	28	
SP8BAJ	"	98,072	332	50	94	SP8KID	" 3,192	109	9	19	
SP5AFL	"	94,183	347	57	130	SP2BMX	" 2,929	103	5	24	
SP8AWP	"	54,480	285	39	81	SP5DRE	" 1,750	64	6	19	
SP1CQN	"	34,840	292	28	76	SP9EML	" 924	32	6	15	
SP8MJ	"	34,823	210	36	67	SP9PBZ	" 238	12	5	12	
SP5AIB	"	32,895	153	42	87	SP9DH	3.5 48,107	534	16	57	
SP9ABE	"	28,840	139	35	50	SP5ELA	" 2,904	121	4	20	
ISIAOV	Portugal	A 21	82,144	622	23	45	SP2LV	" 2,002	82	5	21
CT1SH	"	14	1,180	33	5	15	SP6DHH	" 658	49	4	10
JW5NM	Romania	A 233,168	696	55	97	SP9EEE	" 234	27	3	6	
SP7DQR	"	"	"	"	"	SP7DQR	" 90	10	3	7	



Jussi, OH7OQ claims to be the youngest radio amateur in Scandinavia, probably in all of Europe. He was a Novice in '69 and operating in the contest 2 days after receiving his full ticket. How about that!



The multi-multi group of VU2IRA in what we believe was the first multi operation out of India. L. to R.—VU2BEO, VU2OLK, VU2OMR, Jinny VU2IRA and VU2KV.

SM3BIZ	Sweden	A 242,464	662	90	232	YU3EY	A 38,985	635	81	184
SM4DHF	"	A 287,260	589	74	138	YT1ECD	" 50,046	261	32	82
SM7ID	"	A 239,000	571	63	167	YT1ER	28 86,789	374	29	64
SM2COR	"	A 192,140	414	81	179	YT1JS	" 75,360	375	26	72
SM0BDS	"	A 158,543	397	67	136	YT1UBOP	" 13,965	104	21	36
SM2EKM	"	A 129,685	320	61	124	YT1VTP	21 22,575	885	35	28
SM7TV	"	A 122,536	334	60	132	YT1UAPR	7 66,251	413	22	61
SM7EAN	"	A 55,085	246	46	69	YT1TFU	" 22,500	273	17	43
SM7WT	"	A 45,276	140	57	97	YT1USF	" 12,480	242	10	38
SM0FO	"	A 37,044	210	36	62	YT1NPZ	3.5 10,836	239	8	35
SM5ERP	"	A 35,475	163	39	90	Wales	GW3NJW	21 109,600	671	25
SM0BYD	"	A 33,465	167	38	77	Yugoslavia	SM5API	" 52,949	495	22
SM7AIL	"	A 30,200	154	32	68	SM5GM	" 50,758	434	20	62
SM5QU	"	A 25,520	180	30	58	SM4APZ	" 9,350	137	11	39
SM2EDE	"	A 23,433	120	34	93	Switzerland	HB9ADD	A 276,640	454	73
SM6CKU	"	A 21,965	96	38	77	HB9AGH	" 158,788	389	67	147
SM7QY	"	A 19,662	88	39	48	HB9PQ	" 68,045	274	52	103
SM4CJY	"	A 13,940	135	21	64	HB9QA	" 45,175	171	39	100
SM7BUG	"	A 12,350	76	37	58	HB9IX	" 26,228	174	23	56
SM4AZD	"	A 7,749	97	21	42	HB9KC	" 8,610	75	21	21
SM7EH	"	A 4,730	38	19	24	HB9UB	28 111,435	448	30	65
UA1DZ	A	1,398,688	1375	127	309	HB9ANR	" 39,816	217	28	44
UA3RH	A	1,100,736	1445	122	310	HB9DX	21 67,988	305	28	64
UW3HW	A	793,104	1132	106	286	HB9UD	14 2,430	35	12	18
UW6CY	"	"	"	"	"	HB9NL	1.8 3,536	222	2	14



K2CQQ/TF was the only c.w. entry from Iceland, so we had to use this photo of Clint, even if it would have been more appropriate for the phone contest.

UW3UO	"	212,496	517	69	159	UA3ST	"	4,040	70	12	28
UA3QO	"	189,981	630	63	146	UA3VA	"	3,066	81	9	12
UK6AAB	"	183,300	423	75	160	UA3SS	"	2,378	46	11	30
UW3EH	"	120,200	309	59	141	UA4WAE	"	2,145	52	13	20
UA4IV	"	108,466	456	58	135	UA3CU	"	1,010	43	11	19
UA1UD	"	49,500	288	35	90	UA1ZF	"	316	10	8	10
UW6AO	"	48,287	162	47	62	UW3IY	"	130	12	4	9
UA3AB	"	43,200	151	46	89	UK3ABO	28	60,364	248	27	66
UA4MA	"	37,596	219	33	78	UA4DK	"	23,870	131	22	48
UA3NG	"	35,568	135	48	104	UA6JWW	"	22,400	235	17	43
UW3TR	"	22,590	105	33	57	UW1YY	"	9,750	159	15	35
UA3TA	"	15,795	98	27	54	UA1MV	"	7,680	62	20	40
UW3UV	"	12,024	127	19	53	UK3XAM	"	3,168	49	13	23
UK1ABC	"	10,353	91	19	32	RA3LAN	"	2,760	40	13	17
UK3VAJ	"	9,027	137	15	36	UA4BI	"	2,739	67	9	24
UA1DI	"	7,600	74	18	22	UA3DD	"	2,240	65	8	20
UA6PAA	"	4,988	66	16	27	UA3DL	"	1,770	30	10	20
UV3HD	"	4,545	77	12	33	RA1ALU	"	1,568	32	12	16

UA1ZK	21	173,670	738	31	74	UR2GT	"	2,337	56	13	28
UA4QX	"	89,570	496	30	76	UK2RZC	"	462	24	6	15
UV3GW	"	48,587	329	22	52	UR2EK	28	29,925	178	24	51
UW3NE	"	35,721	205	24	57	UR2QD	"	7,020	65	18	34
UA3YI	"	31,990	258	19	51	UR2OV	21	1,034	31	8	14
UA4MX	"	12,393	165	13	38	UR2L0	14	43,500	274	22	53
UA6LC	"	7,020	78	8	22	UR2JW	7	15,510	234	13	34
UA3YR	"	4,343	53	11	32	UR2FQ	3.5	26,015	398	12	43
UA3LAB	14	101,808	537	29	72	UR2AO	"	15,456	222	13	43
UA6UO	14	70,200	382	29	71						
UWGNM	"	59,682	329	30	68						
UK1ZAB	"	58,432	339	26	57						
UA1ZL	"	34,816	198	24	44						
UW4IK	"	31,840	186	28	52						
UA4LK	"	22,032	299	13	39						
UA3JD	"	21,762	208	18	50						
UK1ZAN	"	21,672	204	19	37						
UA4IW	"	19,635	118	27	58						
UW6CW	"	18,837	170	20	43						
UA3PE	"	18,526	182	18	41						
UA4BB	"	13,750	262	12	38						
UA3AJ	"	13,212	219	12	31						
UA6BV	"	12,620	131	17	43						
UA1XI	"	10,187	106	15	45						
UA3FK	"	9,120	90	20	37						
UV3NC	"	8,073	115	12	27						
UA3GP	"	6,392	69	14	33						
UW3HY	"	5,440	80	11	23						
UK3YAA	"	3,737	61	11	26						
UA6AAQ	"	2,104	74	8	24						
UA3XAW	"	1,400	36	7	21						
UK3PAG	"	1,104	26	9	15						
UK3TAG	"	1,034	23	8	14						
UW6FDA	"	890	27	6	10						
UW6MD	"	704	30	5	17						
UA3HE	"	702	30	6	13						
UA1CI	"	120	5	4	4						
UA3LM	7	64,064	509	24	64						
UA3DAK	"	3.5	18,821	236	14	45					
UA6AL	"	17,013	249	11	42						
UA3LAA	"	11,662	208	11	38						
UA4APU	"	2,850	87	7	23						
UA3XT	"	437	22	5	14						
UA3YH	"	234	19	4	9						
UR2QI	A	208,780	649	69	151	Estonia					

[Cont. on page 108]

CLUB SCORES

United States

Potomac Valley Radio Club	32,219,333
Frankford Radio Club	28,831,275
Southern California DX Club	18,244,499
Northern California DX Club	15,606,300
Western Washington DX Club	10,205,232
Golden Triangle DX Club (Fla.)	4,271,425
128 Contest Club (Mass.)	4,250,010
Florida DX Club	4,244,868
Murphy's Marauders (Conn.)	3,562,818
Order of Boiled Owls (N.Y.)	3,391,398
Central Michigan A.R.C.	2,867,946
Ohio Valley Amateur Radio Assoc.	2,304,190
Metro Detroit DX Association	2,045,600
Richardson A.R.C. (Texas)	2,005,262
Minnesota Wireless Association	1,319,934
Columbus A.R.A. (Ohio)	1,059,289
Detroit A.R.C. (Mich.)	653,140
West Park Radiops (Ohio)	635,635
Northern Illinois DX Assoc.	613,982
Blossomland A.R.A. (Mich.)	572,738
North Carolina DX Club	519,239
Oak Park A.R.C. (Mich.)	391,218

Canada

McGill University A.R.C.	3,114,140
Calgary Amateur Radio Assoc.	1,262,943
Laurentian DX Club (Que.)	1,087,448
Edmonton DX Club	332,860

Foreign Clubs

Rhein-Ruhr DX Assoc. (Germ.) ..	15,633,036
Saar-Pfalz Radio Club (Germ.) ..	10,902,357
Uruguay DX Club	7,590,614
Kaunas Poly. Tech. A.R.C. (Lith.) ..	7,095,603
Honolulu DX Club	4,513,422
Leningrad Radio Club (U.S.S.R.) ..	4,513,145
Radio Club Venezolano	4,209,954
Chelyabinsk Radio Club (U.A.) ..	3,829,524
Lampertheim-Bergstr. (Germany) ..	3,147,984
Kiel Canal Radio Club (Germany) ..	2,296,512
VFDB Radio Club (Germany)	1,841,207
Coral Isle A.R.C. (Guam)	1,699,470
Swiss DX Club	1,660,534
YU DX Club (Yugoslavia)	1,388,684
LVOVDX Club (Ukraine)	1,180,268
SP DX Club (Poland)	975,023
Moscow City Radio Club	769,449
Radio Club of Tallinn (Estonia)	610,865
Krasnoyarsk Radio Club (U.A.) ..	517,248
Dniepropetrovsk Radio Club (UB5) ..	403,239
Novosibirsk Radio Club (UA9)	375,880
DM DX Club (East Germany)	364,154
Vitebsk City Radio Club (UC2)	349,299
Kiev Radio Club (Ukraine)	269,884
Murmansk Radio Club (U.S.R.)	263,840
Hiraishin Radio Club (Japan)	153,170
MHSZ Radioklub (Hungary)	118,896
Vladivostok Radio Club (UA0)	114,612
Crimean Radio Club (Ukraine)	63,045

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C.W. Results [from page 60]

RP2BCD	28	3,429	50	11	16	OCEANIA
UP2ON	21	103,400	511	31	69	Australia
UP2UN	"	5,764	.72	.14	.30	AX2GW
UP2AW	14	14,841	206	13	38	A 296,835 619 68 97
UP2BV	"	12,760	151	19	30	VK3RA
UP2BB	"	6,665	117	11	32	28 66,650 365 21 41
UP2CY	7	65,352	542	22	62	AX2APK
UP2NA	"	9,200	196	10	30	14 268,096 776 36 82
UP2PAP	"	656	35	5	11	AX3XB
UP2GF	3.5	19,306	335	11	38	A 26,966 100 42 58
UP2QO	"	8,897	203	9	32	VK3AHQ
						28 61,938 283 26 48
						AX3AXK
						21 112,104 484 26 55
						VK3QI
						7 43,414 303 23 26
						AX3APN
						" 42,504 254 22 35
						AX3OP
						" 40,800 274 20 30
						Moldavia
UO5AP	A	206,498	579	67	156	AX4XJ
UO5WU	"	38,054	242	33	73	A 28,2760 60 21 25
UK5OAA	"	17,112	198	14	48	VK4SS
UO5GR	28	8,304	86	16	30	7 10,080 85 17 23
UO5FP	21	24,012	257	19	39	AX5NO
UO5GS	14	95,790	520	32	71	1.8 305,244 872 37 85
UO5SA	"	52,725	289	28	83	VK5KO
UO5DN	7	8,855	150	10	35	AX6HD
						A 2,007,852 1841 118 253
						AX6AJ
						14 33,120 161 26 46
						Guam
KG6JAR	A	127,776	346	44	48	KG6JAC
KG6JAK	"	85,400	475	31	30	1.8 19,304 176 18 20
KG6JAK	14	19,304	176	18	20	KG6ASP
						" 2,522 70 6 7
						Hawaii
KH6RS	A	2,064,575	2270	130	177	KH6IJ
						A 1,355,508 1816 105 147
						VK6HGL
						21 15,054 194 14 12
						VK6BZM
						" 60 5 2 2
						W4FAY/KH6
						14 137,418 449 35 76
						WJDAD/KH6
						" 24,486 106 32 45
						KH6HCW
						3.5 11,286 200 10 6
ZM1AJU	A	1,009,750	1380	95	155	New Zealand
ZM1AFW	"	83,864	329	43	45	ZL1AMO
ZL1AMO	14	265,625	725	38	87	ZL1ARV
						" 13,468 99 25 27
						Argentina
LUGAX	A	65,726	207	53	65	LU2DKG
						21 208,128 729 35 61
						LU3FG
						" 151,962 595 36 50
						LU9FAN
						" 40,800 336 26 42
						LU1DSI
						" 40,755 233 25 33
						LU5AES
						" 39,644 257 24 29
						Brazil
PY1ADA	A	283,201	582	72	101	PY1BLG
						126,144 309 65 79
						PY3APB
						" 1,166 21 8 14
						PY4ABH
						28 126,876 449 30 67
						PY2BPH
						" 702 13 6 12
						PY2BGL
						14 673,679 1390 38 125
						PY4AP
						14 652,974 1496 36 111
						PY2ACT
						" 92,718 480 33 69
						PY1JS
						" 5,270 62 14 17
						CE2DK
						A 181,324 450 65 78
						CE2CR
						A 14,960 76 37 43
						CE3CF
						14 100,214 388 30 59
						Easter Island
CEOAE	A	78,029	373	38	33	Guyana
						ECUADOR
HC2GG	A	1,533,728	1560	111	223	WAAOPV/8RI
						A 13,395 101 20 27
						PY1BLG
						21 434,231 1229 36 83
						Peru
						Suriname
PZ1AH	3.5	34,914	256	13	33	PY2BWA
						Trinidad
9Y4VU	A	168,634	462	48	81	PY2WAE



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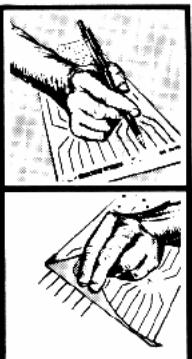
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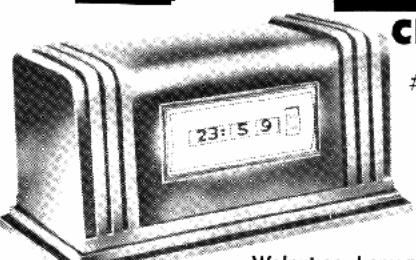


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CX1AAC	28	Uruguay	Azerbaijan
		681,636 1711 36 93	51,486 358 31 ..63
CX1JN	21	378,392 1102 36 80	Georgia
		Venezuela	494,050 758 63 178
YV5DEG	21	216 13 4 2	Kazakh
YV5AW	7	87,730 476 17 45	443,484 695 78 176
YV5KL	7	80,288 509 15 37	65,284 317 33 43
YV4NO	3.5	1,296 56 4 4	Turkoman
YV1OB	1.8	1,656 63 4 5	120,150 331 53 97

MULTI-OPERATOR Single Transmitter

NORTH AMERICA U.S.A.

W3WJD	2,259,075 1536 146 379	Austria	239,256 561 78 158
WB2SQN	1,701,723 1284 131 340	Bulgaria	1,224,828 1772 109 287
K4HF	1,519,706 1214 129 302	Club Stations	502,208 1131 80 186
W9EWG	1,327,880 1050 141 304	LZ1KVV	339,076 809 65 141
K6CQF	1,015,488 1073 125 203	LZ2KAD	276,738 772 58 173
K8UDJ	928,796 809 119 285	LZ1KRD	161,755 594 52 135
WGHX	895,806 1001 121 192	LZ1KKZ	151,360 581 53 123
WA4JDR	681,204 679 106 240	LZ1KEZ	137,268 469 43 143
WA6IVM/6	674,238 745 119 190	LZ2KCS	136,045 526 49 112
K2BK	583,484 680 92 206	LZ1KWF	89,999 407 37 124
K3JY	578,744 671 98 206	LZ1KML	89,999 407 37 124
W4JD	561,372 560 102 224	LZ2KPD	73,787 420 38 89
K9CUY	482,040 554 104 205	LZ2KGB	58,138 498 20 62
K6AN	466,905 575 105 150	LZ2KRS	43,442 311 36 71
W6KG	348,300 566 86 129	LZ1KBZ	39,560 342 23 69
W6BIP	325,666 365 88 174	LZ1KRZ	37,471 248 33 68
WA0YAW	287,130 415 99 156	LZ1KBD	32,148 256 22 72
W3YIK	235,764 365 71 151	LZ1KBD	23,696 222 28 65
WAGEPQ/6	214,000 334 83 117	LZ2KRE	11,610 199 10 33
		LZ1KHB	2,208 92 5 18

VE7AZT/W7

201,348	474 71 82	Czechoslovakia	92,568 391 47 105
WA3JYB	139,730 271 55 123	OK1KZD	82,500 272 58 107
W5RGG	104,280 305 35 85	OK2KMR	17,556 200 16 16
WA8TOR	92,170 255 49 81	OK3RK	13,608 154 19 26
WA1KZE	52,542 161 46 80	OK2KUF	En'sland
WA2LYM	3,440 35 19 21	G3KWK	305,696 612 79 159
		G3VYI	300,576 .689 .56 130

VE1ASJ

1,075,647	1300 111 228	Faro Islands	48,107 322 23 50
VE4MF	199,880 424 83 107	Fin'land	
		OH1VR	812,032 919 122 294
		OH5AB	133,940 .417 ..59 126
		F6KAW	482,526 1005 68 130
		F6AA5	103,435 357 47 146

VE1ASJ

2,343,665	2804 110 255	France	1,385,878 1576 105 248
ZFIAN		DL8CM	619,080 969 89 175
		DL8FR	582,966 880 86 192
		DLOWN	507,940 1042 75 158
		DL0JRA	364,325 714 88 159
		DL0BH	359,480 701 74 146
		DL0NS	107,214 642 55 112
		DL5ZN	99,185 416 47 102
		DM2ATD	1,105,632 1553 107 242
		DM3BE	72,698 274 55 108
		DM5DL	65,394 364 32 94

VE1ASJ

1,115,064	1333 117 189	Germany	1,385,878 1576 105 248
W6DLE/4X	160,565 680 27 58	DL8CM	619,080 969 89 175
		DL8FR	582,966 880 86 192
		DLOWN	507,940 1042 75 158
		DL0JRA	364,325 714 88 159
		DL0BH	359,480 701 74 146
		DL0NS	107,214 642 55 112
		DL5ZN	99,185 416 47 102
		DM2ATD	1,105,632 1553 107 242
		DM3BE	72,698 274 55 108
		DM5DL	65,394 364 32 94

VE1ASJ

1,115,064	1333 117 189	Hungary	756,141 1071 97 210
		HA5KDQ	Club Stations
		HA4KYH	161,700 542 63 102
		HA3KNA	98,842 464 37 99
		HA2KRB	88,970 308 57 82
		HA2KME	33,756 212 34 22
		HA2KMR	31,314 227 31 71
		HA3KGC	27,864 350 22 50
		HA3YGC	17,841 365 8 41
		HA4KIV	7,473 147 14 33
		HA4KPE	5,152 114 13 33
		HA4KOV	3,420 75 11 27
		HA3YGB	2,545 202 4 15
		HA9YON	435 30 4 11

VE1ASJ

1,233,040	1764 119 201	Italy	515,610 943 76 179
		IC1CRC	Poland
		SP5PKW	139,320 500 54 128
		SP3KCL	111,220 655 37 97
		SP9KHR	34,272 264 26 76
		SP6PWT	24,564 152 30 62

VE1ASJ

1,233,040	1764 119 201	Sweden	60,384 376 35 76
		SM7CZL	



The OH2AA operation took place at Sigge's OH2NI location. In the operating position, l. to r.—Martti OH2BH, Sigge and Ville OH5SE. (OH2MM took the foto.)

HB9AHP	Switzerland 63,591 .261 40 83	U5ARTEK 18,422 204 18 43
	Yugoslavia	UK5ICA 11,570 138 23 42
		UK5QC 8,568 64 15 36
YU1BCD	1,126,224 1179 119 277	White Russia UK2WAF 228,717 .798 60 137
YT2FVW	906,098 1404 102 242	UK2AAC 141,593 581 48 121
YT2BHI	568,113 919 86 187	UK2SAA 15,075 195 25 42
YU1AHI	314,550 725 87 183	UK2OAA 6,848 83 19 45
YU1EFG	183,600 438 72 153	
		OCEANIA
		Australia AX2BKM 949,750 1121 108 182
	U.S.S.R.	Guam
UK3AAQ	1,308,600 1180 127 323	KGGAY 242,901 591 61 76
UK6GLAZ	1,140,300 1468 126 324	
UK1AAA	810,084 1106 107 254	SOUTH AMERICA
UK1AAA	734,445 1154 85 200	ANTARCTICA
UK1ABA	645,840 1061 84 186	UA1KAE/1
UK1ABA	351,702 684 75 159	1,229,304 1420 74 202
UK1AAG	296,834 678 50 143	Uruguay
UK1TAA	247,248 617 63 141	Venezuela
UK4WAC	169,338 666 45 124	4M5ANT 2,657,892 2423 108 258
UK4WAB	167,902 573 49 130	MULTI-OPERATOR
UK4AAB	144,478 556 53 138	Multi Transmitter
UK1AAQ	128,484 461 61 111	North America
UK1ADK	115,440 460 45 103	W4BVY 5,552,352 3056 168 456
UK3EEA	108,108 534 38 116	W3AU 5,536,851 3010 164 469
UK1TAB	97,812 292 45 111	W7RM 4,346,460 2819 167 373
UK6UAA	90,534 335 47 109	W3GM 4,076,791 2608 154 397
UK3XAI	16,320 180 17 43	K6RU 2,860,116 2104 157 318
UK1ACT	6,000 101 1 29	W0AIH 1,308,391 1180 127 282
UK1AAN	5,440 112 14 26	W6GFS 1,167,427 1155 134 233
	Estonia	W3MWC 1,032,804 908 119 274
UK2RAN	215,046 889 40 77	WA3ATX 724,113 .735 111 240
UK2RAJ	71,551 480 29 88	W5IVN 392,814 .512 102 176
	Kaliningrad	
UK2FAM	178,651 739 40 109	AFRICA
	Latvia	ET3USA 989,175 1204 83 192
UK2GAA	335,124 901 58 156	
UK2GAY	124,243 581 39 110	ASIA
UK2GBY	2,982 53 14 28	VU2IRA 2,273,616 2128 125 307
	Lithuania	
UK2PAB	861,360 1019 109 261	EUROPE
UK2BBB	821,470 1116 101 254	SK5AJ 2,987,204 2919 139 365
UK2BAP	303,099 900 56 157	DK0KC 2,296,512 2481 127 316
UK2PAN	30,378 353 15 68	LZ1KAB 1,936,368 2469 122 330
UP2BAE	20,865 130 24 41	DL0PG 1,851,255 2287 114 283
	Ukraine	UK2PAA 1,744,925 2244 114 299
UK5IAZ	931,736 1115 120 283	OH3AA 1,717,404 2452 118 289
UK5IAA	723,840 955 111 305	OK3KAS 734,440 1562 87 218
UK5UAL	381,640 795 70 165	0Y6FRA 615,588 1576 69 189
UK5KAA	351,078 631 71 186	LA2T 600,944 1176 92 191
UK5LAK	258,780 521 66 161	HASKBM 91,728 335 48 96
UK5UAO	184,680 604 55 135	Y09KAG 59,875 314 36 89
UK5UAI	132,363 540 54 137	
UK5MAA	123,735 552 35 78	SOUTH AMERICA
UK5ZAA	81,952 338 36 68	PJ0FC 11,586,428 7090 150 401
UK5VA	50,397 319 33 74	
UK5UAK	33,908 307 31 45	

Our thanks to the following stations who submitted their logs for checking purposes:
KDA, **H40KHP**, **H40YHC**, **K8BYH**, **KV4AA**, **LA4NE**, **LA4CE**, **OH1XO/9**, **OH3KU**, **OH5WX**, **OH7NJ**, **OK1AFN**, **OK1AOU**, **OK1ARH**, **OK1BJD**, **DM2BOB**, **DM2BOV**, **DM2CF**, **DM2BVJ**, **DM2CBE**, **DM2DGO**, **DM2DPL**, **DM2DSD**, **DM3LOG**, **DM3NIG**, **DM3PQQ**, **DM3RFC**, **DM3T**, **DM3UDM**, **DM3WSO**, **DM4CF**, **DM4PSM**, **DM4RFM**, **DM4VOL**, **DM4WKL**, **DM4ZWD**, **F8RU**, **HA1SB**, **HA1YSB**, **HA4KYB**, **HA5FA**, **HA5KFC**, **HA6KNB**, **HA6NA**, **HA6NC**, **HA6NJ**, **HA6YNB**, **HA7KLF**, **HA7PQ**, **HA7RS**, **HADC**, **HA8QC**, **HA9KOL**, **HA9KOZ**, **HA9PDD**, **HA9Q**.

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Station Operators

Multi-operator Single Transmitter

AX2BKM & **OK3UH**, **CV3BH**: **CX3BH**, **CX7BBU**, **CX8BBH**, **CX9BT**, **DJ5ZJN** & **DK2VQ**, **DK2YJ**, **DLC8CM** & **DLC8CH**, **DL6FR** & **DL8AJ**, **DLOBHD**: **DJ8CY**, **DK1EI**, **DK1VM**, **DK4PE**, **DK4PH**, **DJ9PS**, **DLOJRA**: **DL7BQ**, **DL7HN**, **DL7ON**, **DL7OR**, **DL7PVZ**, **DLOJNS**: **DJ4AN**, **DJ5ZV**, **DJVH**, **DL2TE**, **DL7WN**: **DJ2SL**, **DJ3GY**, **DJ7IK**, **DJ9CB**, **DJ8JX**, **DJ8LC**, **OK5HRO**, **OH5TY**, **OH5UN**, **OH5YF**. **OH5AA**: **OH2BH**, **DK4TP**, **DM2ATD** & **DM2DTC**, **DM3BEE** & **DM3KBE**, **DM5SSL**, **DM5SDL**, **DM5VDL**, **F6AAS** & **F6BAZ**, **F6KAW** & **F3QQ**, **F6AGN**, **F6ASS**, **F6AUO**, **F90E**, **FG7TG/F0**, **FG7XJ/F0**, **G3KWR** & **G3RZI**, **G3WJN**, **G3VYI** & **G3SJX**, **G3WRR**, **G3UYF**, **HASKDQ**: **H5AD**, **H5FMS**, **H5HJP**, **H5JQI**, **H9AHF** & **HB9AI**, **HB9AIW**, **HB9AKM**, **I1CRC** & **I1ALU**, **KA8FY**: **WB2MRD**, **WB4HKM**, **WA8WPW**, **K2BK** & **WB2ZPW**, **K3JYZ** & **WB3XJX**, **K4HF**: **K4AJU**, **W4ETO**, **W4LCP**, **W4QKB**, **K4THA**, **W4WS**, **K6AN** & **K6AUL**, **K6CQF** & **W6UF**, **K8UDJ** & **K7NHV**, **K8MFO**, **WA8LWK**, **K9CUC** & **W9EIJ**, **WA9RQY**, **KG6AYA**: **K3JSV**, **WA4DFE**, **WA5AK**, **WA6JYD**, **WB4CMP**, **OE1XRA**: **OE1JBA**, **OE1ZK**, **OH1VR** & **OH3YI**, **OH5AB**: **OH5PA**, **OH5RO**, **OH5TY**, **OH5UN**, **OH5YF**. **OH5AA**: **OH2BH**, **OH2MM**, **OH5SE**, **OH5NI**, **OH6RNA**: **0YIF**, **0YJP3**, **0Y4M**, **0Y7S**, **SM7CZL** & **SM7EXL**, **SP3KCL**: **Club**, **SP5PWK**, **SP5AGU**, **SP5ARP**, **SP5SIP**, **SP9AWV**, **SP6PWT**: **SP3BCB**, **SP3CHN**, **SP4CFD**, **SP8BPY**, **SP8EHQ**, **SP9DLQ**, **SP9KHP**, **SP9AKG**, **SP9AOX**, **SP9AQH**, **SP9AOH**, **VE1ACU**, **VE1DH**, **VE4MF** & **VE4JB**, **VE7AZT/W7** & **WA7HCL**, **W4XZ**, **W3WJD** & **W3YUW**, **WA2BLW**, **W3VYI** & **W3JLT**, **W4JD** & **W4CHK**, **W4DMS**, **K4LRL**, **W4JDR** & **W4LBW**, **W4ZCB**, **W6BIP** & **K6OSQ**, **WA6DJI**, **W6DLE/4X**: **TA1SK**, **4X4XX**, **W6HX** & **WB6OLD**, **WB6WIT**, **W6KG** & **W6DDQ**, **W6RGG** & **K6ALH**, **W9EWG** & **W9AQW**, **W9SZR**, **WA1KZE** & **WA1LAIK**, **WA2LYM** & **WN2LYN**, **WA3JYB** & **WA3LAB**, **WA6EQP/6** & **WA6GLD**, **WA6IVM/6** & **WA6IVN**, **WA8TOB** & **WA8RSG**, **WA8YAW** & **WA8ZRD**, **WB2SQN** & **K2KUR**, **W2WIC**, **WA2HIN**, **YU1BCD**: **YU1NOQ**, **YU1NQW**, **YU1PCF**, **YU1QBC**, **ZFIAN**: **W2GGE**, **W2PCJ**, **W2SUC**, **WB2CKS**, **4M5ANT**: **YV5AAQ**, **YV5AAS**, **YV5ANT**, **YV5BOA**.

Multi-operator Multi Transmitter

DK0KC: **DJ3JB**, **DJ4FZ**, **DJ6TN**, **DJ7SN**, **DL1FL**, **DL2ZT**, **DL0PG**: **DJ1FC**, **DK6TK**, **DK9IQ**, **DJ9TS**, **DK3BJ**, **DK3HV**, **DK7QV**, **DL6WE**, **ET3USA**: **Club**, **HA5KBM**: **Club**, **K6RU** & **K6BCE**, **K6JYQ**, **K6QPH**, **K6SEN**, **W6NAD**, **W6VSS**, **WA2WMT**, **WB6WFJ**, **LA2T**: **LA3PK**, **LA3VK**, **LA5YJ**, **LA8GK**, **LA8HK**, **LZ1KAB**: **Club**, **PJ0FC**: **KA1UDD**, **K4BAI**, **K4BVD/6**, **PJ2VD**, **W1B1H**, **W1EOB**, **W2EQS**, **W2TA**, **W4BRB**, **W4DQS**, **W4GF**, **W4KFC**, **W4SHB**, **OH3AA**: **Club**, **OK3KAS**: **OK2IX**, **OK2PC**, **OK2VLH**, **OK3CBY**, **OK3CCK**, **OK3CDL**, **OK3CFP**, **OK3CFZ**, **OK3CIG**, **OK3QF**, **OK3QQ**, **0Y6FRA**: **0Y2H**, **0Y2J**, **0Y3B**, **0Y3H**, **0Y400**, **0Y4R**, **0Y55**, **0Y5Q**, **0Y7M**, **0Y9M**, **0Y9L**, **SK5AJ**: **SM5AD**, **SM5CAK**, **SM5CBN**, **SM5CEU**, **SM5CNQ**, **SM5DJZ**, **SM5EXE**, **UP2PA**: **UP2OE**, **UP2QO**, **UP2PA**, **UP2PAV**, **UP2PAX**, **UP2PX**, **UP2QA**, **VU2IRA** & **VU2BEO**, **VU2KV**, **VU2OLK**, **VU2OMR**, **VU2REG**, **W3AU** & **K3EST**, **K3NZV**, **W3IN**, **W3MVB**, **W3ZKH**, **W4TFX**, **WA3CVU**, **WA3GPV**, **WA3HRV**, **WA3HWN**, **WA3IAQ**, **WA3LXV**, **W3GM** & **K4WVY**, **W3EAN**, **W3GHW**, **W3JSX**, **W3LTU**, **W3NOH**, **W3SS**, **WA3DJZ**, **W3MWC** & **K3JLI**, **K3JKL**, **W3YCI**, **W4BVF** & **G5ALY**, **K2UYG**, **K3GJD**, **K3NPV**, **K3OAE**, **K9OPF**, **WB1BGD**, **W3BY**, **W3BQV**, **WA3LST**, **W5IVN** & **WA5LES**, **W6GFS**: **WB6IWS**, **WB6KBL**, **W7RM** & **K7HTZ**, **K7JCA**, **K7JUL**, **K7VPF**, **W5QOO**, **W7EXM**, **W7YGN**, **WA0JYH**, **WA0JPR**, **WA0RBW**, **WA0TWW**, **WA0UCU**, **WA0WIS**, **WA0WEZ**, **WA0YMM**, **WA3ATX** & **WA3COJ**, **WA3JYT**, **WA3KNB**, **Y09KAG**: **Y09AFT**, **Y09AFY**, **Y09AVD**, **Y09HT**.