

Results of the 1963 CQ World Wide DX (Phone) Contest

BY FRANK ANZALONE*, W1WY

THIS is the year we were prepared with a good alibi if we had a poor contest, but we must be living a charmed life or know the right people. Once again W3ASK called the shots and gave us a good week-end.

With over 700 entries this just about makes us the Number One phone contest in the world. To prove our point we are awarding 289 certificates to stations in 117 different countries.

Each one of us, I am sure, has been left with his own memories and impressions of this contest. A few individual experiences should make interesting reading.

Can you imagine WB2CCO's frustration when the Base lost power for 5 hours just when 20 was hot. That's the Air Force for you Bernie.

And W3PHL's perseverance in digging thru the megawatt jammers and propaganda stations on 40 and work 42 countries. Nice going Fred.

W5DQK forgot all about the contest and was shocked when he tuned across the band on Sunday morning. He never did catch up to K5FLD.

I am sure W6BSY will remember this one for a long time. Mac's wife presented him with a son 6 hours after the contest. We'll present him with a 21 mc certificate.

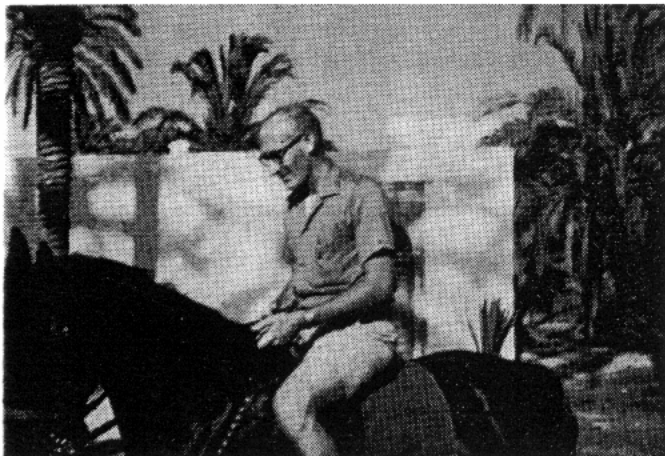
W0AIH (ex-VE3) found operating in the US phone band most confining. Rev. Paul could no longer wander around in the wide open spaces of the VE bands.

And VE3DXV sent in his log just for "laughs." His antenna was a 17-foot length of wire in a ground floor apartment. (We're not laughing Adam, at least you sent us your log.)

KP4BJD welcomed the chance of working DX which KP4's miss in other stateside contests.

You think you had troubles, VQ4RF had a

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TROPHY WINNERS

Single Operator, Single Band (14 mc)
K2IEG, Barry Briskman Trophy
won by Don Miller, HL9KH

Single Operator, All Band
W2SKE, Bill Leonard Trophy
won by Eugene Walsh, 5A1TW

Multi-Operator, Single Transmitter
W6YY, John Knight Trophy
won by DL1KB (Operated by DL1KB
& DL1JW)

Multi-Operator, Multi-Transmitter
W6AM, Don Wallace Trophy
won by CX2CO (Operated by CX2CO
& CX7CO)

real problem. Frank was invaded by a swarm of Safari Ants and had to operate with one hand while he manned a spray gun with the other.

5N2JKO found the going much easier using s.s.b. this year. Last year Dr. Mike was confined to a.m. only.

And I wonder what Susan was thinking as she was operating VQ2WZ at home. The OM, Eric was giving her competition with VQ2EZ from another location.

Both 5H3JR and 6O1WF found contest operating new and exciting but a bit confusing. They were induced to participate only a few days before the start of activities. The former was sponsored by K2MGE, who was good enough to figure out the score for Fr. Tardiff. Thanks Dorothy, but where was your report?

MP4BBW confined his operation to 7 mc only this year. Quite a change for Ian who was the single band "Champ" on 14 mc last year.

And it must have been a frustrating experience for VU2RM, Rao blew the power transformer to his linear and had to limp along on 80 watts for the rest of the contest.

It was an exciting week-end for EP2AU, Foy had received his ticket only 2 days before the contest; in two days he had 76 countries to his credit.

5A1TW—Gene Walsh took good advantage of his location and band conditions to "ride to victory" in the single operator all band category with a score of 662,546.

CE1FX—Ursula
after a success
contest

JA6YBS
on 21 mc.
Tad.

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CE1FX—Ursula (CE1DD) rewarding the OM, Bernardo after a successful contest week-end. So you don't like contests, see what you guys are missing.

JA6YBS bemoaned the lack of W/K activity on 21 mc. We just weren't getting thru to you, Tad.

While KA2RJ did not complain about the lack of activity Ron did gripe about the "liddy" operation in the Far East. It's not confined to the Far East only OM, but on the whole operation was pretty clean.

Jan couldn't resist the temptation when he heard all the 80 meter activity in Europe and put OK1JX on the air for the last few hours.

G5ZT was determined to give it an all out effort this year, but lost his voice and title to G8FC after 44 hours of operating. You should have concentrated on three pointers, Harold.

And G3PZO must have bemoaned the fact that he was limited to a.m. on 21 mc when he heard all the s.s.b. activity, but don't worry Charlie, you still get the certificate.

Heavy QRM from the XYL was mentioned by DL3DW but he didn't go into any details. Most of us have those problems too, Rudy.

Our lone representative from Ireland, E18P was confined to his bed but managed to put in a few hours and give the boys a multiplier. Take care of yourself Joe, the gang hopes you will be up and about now with the warm weather.

GI6TK wants a 24 hour only contest so that non-contested minded stations can also operate. Well Frank, at least we only occupy one week-end.

Can you imagine VK3ATN having no intentions of operating more than a few hours with an antenna farm which includes five V beams, a Sturba and a rhombic. He did continue however and won himself a certificate.

And DU7SV never says anything, he just sends us a plain list of stations worked. Gives Ben fits, I've had it too, Volt, next time it goes in the "check list."

And so it goes, on and on. Reading the hundreds of comments, notes and letters is at least one enjoyable part of our work.

Some remarks and details regarding the Trophy winners and some of the high scorers should be in order.

This is not Gene Walsh's first crack at it from 5A1TW, but this year Gene was better equipped

	Band	Contacts	Zones	Countries	Points
CX2CO 1,026,086	1.8	3	2	3	2
	3.5	7	4	7	6
	7	29	9	13	62
	14	623	34	94	1776
	21	401	23	55	1160
	28	174	18	31	496
TOTAL		1237	90	203	3502
K2GL 956,868	1.8				
	3.5	42	13	24	107
	7	65	21	41	170
	14	403	30	92	1147
	21	375	24	88	1089
	28	45	11	19	123
TOTAL		930	99	264	2036
W6VSS 743,040	1.8	3	2	1	0
	3.5	44	9	9	104
	7	91	19	28	230
	14	421	36	97	1149
	21	271	24	67	747
	28	34	12	16	92
TOTAL		864	102	218	2322
DJ3VM 605,710	1.8				
	3.5	54	6	26	61
	7	44	8	22	87
	14	507	32	65	1402
	21	333	20	46	974
	28	8	6	7	21
TOTAL		946	72	166	2545
DL0WW 590,750	1.8				
	3.5	90	6	36	103
	7	62	8	29	76
	14	499	32	80	1328
	21	194	22	43	561
	28	23	6	16	57
TOTAL		868	74	204	2125
OH5SM 412,848	1.8				
	3.5	107	6	31	117
	7	140	7	37	145
	14	467	26	76	703
	21	236	26	54	473
	28	11	9	10	26
TOTAL		961	74	208	1464

Interested in finding out how your single-band, single-op score stacks up against some of the big guns in the multi-band, multi-op category? Here are a few of the biggest.

on 40 and 80 to take advantage of those juicy multipliers just north of him, and that's what paid off.

On the other hand Gerry Smillie, with a once-in-a-life-time call, was not equipped to span the 4000 mile jump to the 40 and 80 meter European activity and so lost valuable country multipliers. ZD7BW was also handicapped with only a trap dipole 12 ft. above ground.

Special mention must be made of the fine score submitted by K2HLB, a new high for the USA. Bob Stankus, W2VCZ was behind the mike. WA2SFP also beat the old record. Nice going Jim.

This year Don Miller concentrated on one band and HL9KH topped the field on 14 mc for the Single Band Trophy. However, it would have taken only a few more countries for VP7NS to have made his excellent contact total pay off. Don Thompson bemoaned the lack of stations from the Far East. The honors for the highest country total on a single band however goes to G3FXB, 113 countries in one week-end is quite an accomplishment.

Strangely enough both Trophies in the multi-operator groups were won by stations manned by a two man team only. We can understand two operators getting the most out of a single transmitter set-up, but only two operators at a multi-transmitter station takes a lot of doing.

Hans Pazem and Hubert Esser was the team at DL1KB, while the sleepless wonders Ricardo

Sierra, Jr. and Daniel Sosa got the most mileage out of CX2CO. Congratulations fellows.

The Radio Club of Costa Rica organized TIØRC (many stations took extra country credit for this one, no good) and under the tutodship of TI2PI made an excellent showing in the Junior division.

While in the Senior division, Bill Leonard and Company made a tremendous bid for top honors at K2GL. The fellows ran up fine multipliers, especially on 21 mc, but even on the East Coast you don't have that locational advantage.

The "Big Gun" on the West Coast was W6VSS this year, Dale Hoppe was well equipped with a fine crew and a terrific antenna farm, but California is a long way from all those European multipliers.

DXpeditions, the frosting on the contest, were again in evidence. The most successful of these being 9A1AIJ, a four man crew headed by I1AIJ. Armando and the boys found weather conditions in San Marino extremely bad, with rain and high winds adding to the operating difficulties.

Once again Harold McBirney made his annual trip to Sint Maartin and improved his score from PJ5MC. Mac feels he can do even better. A little healthier multiplier would do the trick.

Ed Cushing, W4QVJ did a solo this year and made a trip to Juan Fernandez but the returns from CEØZI were less productive than what Ed and the boys made from HKØZU in last year's c.w. contest. "I called CQ on both 15 and 20 for long periods with no takers," said Ed, "was surprised that rare CEØZI would go begging." Conditions did not follow the pattern that existed on the mainland where CE's were working W/K's left and right.

W2YTH and a group of VP9's made a trip to the Caribbean and made an appearance as VP2KI on Anguilla where they ran up a nice contact total of W/Ks but not much of a multiplier.

The ever increasing popularity of the Single Band competition is again reflected in the many entries in that category.



G3FXB—Al had the highest country total (113) in the contest. Little Jackie is wondering if she should take up this crazy business.

Once again LUIDAB came up with his amazing score on 28 mc. The equipment he used is not extraordinary, 500 watts to a TA-33. With the N/S path open to the US and an occasional sprinkle of Africans and Europeans for his multiplier, Jaycee once again proved that 10 meters is not dead, at least not down South American way.

The 21 mc openings were both surprising and welcome. Surprising too was the fact that the top score on this band was made by a station in the US. W1RIL's equipment is all home brew, but Ken did not give any information as to the sky wire. In spite of the overwhelming use of s.s.b. there was also a.m. activity on 21 mc as well as 28 mc and both modes were necessary to buck the competition. W1HQV and some others were limited to a.m. operation only.

It was the 14 mc band that provided most of the activity and the high scores. The leaders on this band have already been covered, and you will note that all the top scores on this band were in six figures. A tip of the hat to K2HFX. Bob was the only W/K that was in this select group.

Activity in the 7 mc band was rather limited in this hemisphere and besides the already mentioned W3PHL who lead the world, K6AHV, W8JIN and WØGKB/Ø also bucked the QRM and came up certificate winners. Of course the all-banders took advantage of the additional multipliers on this band.

The 80 meter activity was almost non-existent over here which seemed strange since the multi-operator stations did well on this band. The Europeans however made good use of the band with G13CDF taking honors but with a lower score than 4X4DK because of his locational handicap. You will note that Les had a higher contact and multiplier total but most all his contacts of course were 1 pointers while Ami was making hay with 3 pointers.

We are always happy and pleased to hear (and work) the YLs in the contest. This year we had a nice turn out. I have already mentioned Susan, VQ2WZ, then there was Molly, ZE1JE and in the multi-operator groups, Ursula at CE1FX, Hilda at CT1EY, Monique at FG7XL and Carola at OH5SM; just to mention a few.

We had our usual problems this year; unscored logs from stations in uninformed countries, wrongly scored logs from stations who should know better and some of our own indifferent operators who expect us to check for duplicates and correct their scores. They could take a lesson from Jan, 9M2JJ who discovered *one* duplicate after he had mailed his log and advised us by air mail to make the correction.

This year we put our Hon. Ed. Arnie Trossman to work but we suspect that most of the real work was done by Toby, his most efficient secretary. (See May CALENDAR) Not that Ben, W2JB and Andy, W1GYE have had it easy. I'm really the only one that has had it easy. If they think they have had it rough, wait 'til they tackle the c.w. logs.

73 for now, Frank, W1WY

ALL

ZD7BW
5N2JKO
CX3BH
4X4AS

TIØRC
HC2JT

K2GL
W6VSS

Number groups a
note the followi
Final Score; Num
and Countries. Ce
listed in **bold face**

Phone SINGLE O North A

	United	
W1JFG	A	101
K1IMD	"	25
W1WY	"	23
W1BIH	"	4
W1PLJ	"	1
K11JU	"	
W1RIL	21	59
K1OSY	"	33
W1HQV	"	15
K1VWL	"	2
K1WJL	"	2
W1FDL	"	1
W1ZFV	14	77
W1PIV	"	61
W1DPJ	"	8
WA1ANR	"	30
K2HLB	A	324
WA2SFP	"	289
WA2IEK	"	76
W2QKJ	"	15
WA20JD	"	11
W2SNI	"	59
K2DNA	"	25
W2JKH	"	12
W2JB	"	4
W2TVR	28	24
K2YFE	"	4
K2DGI	21	11
WA2QNW	"	11
K2MPS	"	99
W2GKZ	"	73
W2GRS	"	53
WB2CAS	"	31
WB2FJX	"	26
K2KXW	"	20
K2HFX	14	121
WB2CNA	"	81

Top Ten ALL BAND—SINGLE OPERATOR

5A1TW	662,546		
ZD7BW	598,647	K2HLB	324,352
5N2JKO	543,415	I1BAF	310,128
CX3BH	446,558	ZE1JE	295,095
4X4AS	402,391	WA2SFP	289,835
JA1BRK	273,581		

Top Five MULTI-OPERATOR SINGLE TRANSMITTER

DL1KB	623,948		
TI0RC	595,358	9A1AJ	446,145
HC2JT	499,722	UA9KCF	433,780

Top Five MULTI-OPERATOR MULTI-TRANSMITTER

CX2CO	1,026,086		
K2GL	956,868	DJ3VM	605,710
W6VSS	743,040	DL0WW	590,750

Continental Leaders SINGLE BAND

28 Mc		14 Mc	
LUI DAB	95,353	HL9KH	318,960
W2TVR	2,464	VP7NS	308,175
UB5FG	378	G3FXB	270,692
JA1HGY	352	ZE4JO	170,800
		PJ2AA	163,817
		ZL1AAS	159,507

21 Mc		7.0 Mc	
W1RIL	59,373	W3PHL	10,980
5N2CKH	49,440	UB5KCA	5,289
4X4ON	44,325	MP4BBW	5,181
PZ1AX	41,410	ZL4BO	1,512

3.8 Mc			
I1SF	35,322	4X4DK	20,416
W7UXP/KH6	23,218	GI3CDF	16,092

U. S. A. Leaders and Runners-up

All Band	W4BVV	202,306
28 Mc	K6CT	2,268
21 Mc	K1OSY	33,777
14 Mc	K2HFX	121,278
7 Mc	K6AHV	8,188

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.

Phone Results SINGLE OPERATOR

North America

United States					
W1JFG	A	101,598	296	31	87
K11MD	"	25,500	111	26	59
W1WY	"	23,545	104	28	57
W1BIH	"	4018	34	14	27
W1PLJ	"	1400	22	8	17
K11JU	"	63	4	3	4
W1RIL	21	59,373	255	20	61
K1OSY	"	33,777	150	21	60
W1HQV	"	15,552	110	14	34
K1VWL	"	2800	30	14	26
K1WJL	"	2574	33	4	22
W1FDL	"	1656	23	4	20
W1ZFV	14	77,064	259	28	76
W1PIV	"	61,920	220	27	69
W1DPJ	"	8862	74	14	28
WA1ANR	"	3069	34	12	21
K2HLB	A	324,352	458	79	177
WA2SFP	"	289,835	442	75	170
WA2IEK	"	76,880	192	51	104
W2QKJ	"	15,611	86	22	45
WA2QJD	"	11,008	66	24	40
W2SNI	"	5978	48	19	30
K2DNA	"	2556	27	16	20
W2JKH	"	1219	19	9	14
W2JB	"	480	13	6	10
W2TVR	28	2464	32	13	19
K2YFE	"	450	13	6	9
K2DGI	21	11,774	76	16	42
WA2QNW	"	11,628	78	18	39
K2MPS	"	9968	69	17	40
W2GKZ	"	7379	59	13	34
W2GRS	"	5320	50	13	25
WB2CAS	"	3132	46	13	23
WB2FJX	"	2695	30	15	20
K2KXW	"	2072	32	12	16
K2HFX	14	121,278	345	32	90
WB2CNA	"	81,196	269	30	76

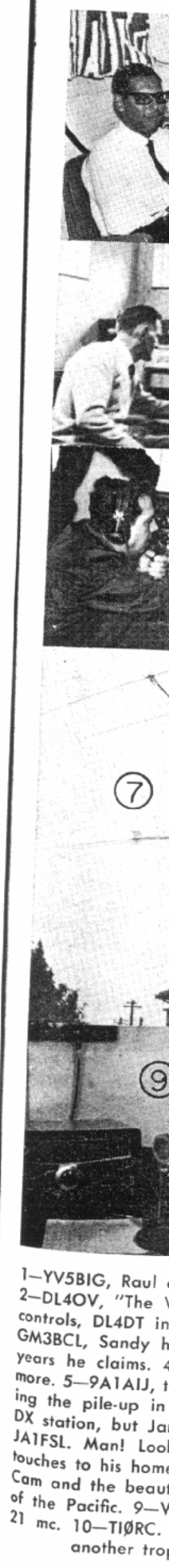
K2JGG	"	69,966	224	34	83
K2JMY	"	20,370	103	22	49
W2WZ	"	2675	38	7	18
W2WE	"	2380	28	14	20
W3ZKH	A	181,746	324	67	140
W3OCU	"	66,672	180	48	96
W3ZAO	"	58,437	160	38	91
K3TPL	"	43,800	125	37	83
K3BNS	"	34,800	127	30	70
W3FDH	"	24,400	96	38	65
W3MCG	"	8316	55	24	39
W3EGD	21	6360	57	10	30
W3GKM	14	73,290	247	28	77
W3JTC	"	59,118	180	33	85
K3TBC	"	1012	21	10	12
W3PHL	7	10,980	75	19	42
W4BVV	A	202,306	370	84	167
W4OPM	"	48,906	154	38	76
W4NJF	"	48,888	143	42	84
W4ZYS	"	48,555	151	34	83
W4EEU	"	36,822	130	30	72
W4LSG	"	31,824	124	39	65
W4MUB	"	22,008	101	31	53
W4HVU	"	14,823	69	32	49
W4OM	"	14,124	76	23	43
W4LRN	"	11,385	62	23	46
WA4ARV	"	11,316	73	25	44
K4QWM	28	2064	32	8	16
K4HPR	"	594	14	10	12
W4RLS	21	30,889	151	25	54
K4IIF	"	15,600	96	17	43
K4QVK	"	6045	54	11	28
WA4AGC	"	2040	38	12	18
K4VFY	"	882	20	9	12
W4EEO	"	448	10	6	10
W4BCV	14	65,730	224	30	75
K4WHD	"	47,672	169	28	73
K4PDV	"	27,768	113	25	64
W4PRP	"	26,487	131	26	55
W4HKJ	"	16,566	94	22	44
WA4NGO	"	10,472	71	19	37
W4HA	"	4551	46	13	28
W4TUC	"	3298	39	11	23
K4VWH	7	196	8	7	7
K5MDX	A	106,752	224	66	126
W5EGS	"	14,359	71	34	49
K5FLD	21	15,309	89	20	43
W5DQK	"	12,915	76	19	44
W5JWM	"	11,926	66	21	46
W5ALB	"	10,545	68	20	37
W5ACBE	"	6800	55	15	35
W5LCI	14	20,054	104	23	51
W5KC	"	9790	79	20	35
W5DNL	"	2052	25	14	22

WA6SBO	A	111,315	232	67	114
W6RCD	"	79,913	195	60	97
W6LCX	"	67,678	182	50	87
K6SEN	"	60,016	198	48	73
WA6GFY	"	37,026	140	35	64
W6GRX	"	35,828	126	39	67
K6AEZ	"	26,132	120	37	57
W6YMV	"	20,967	84	37	57
WA6QGW	"	19,780	84	33	53
K6HZU	"	6877	68	27	48
W6AUD	"	2665	26	17	24
WA6WPG	"	585	16	7	8
K6CT	28	2268	33	13	15
W6BSY	21	15,012	104	19	35
W6FET	"	2414	28	14	20
W6YEJ	"	2030	27	12	17
W6RKP	14	26,642	162	26	51
WA6HGC	"	16,226	110	20	41
K6SOK	"	8480	64	22	31
WA6QWN	"	8404	70	16	28
WB6FGT	"	4972	43	17	27
K6AHV	7	8188	56	18	28
W7ACD	A	48,387	151	49	73
W7BTH	"	2870	31	14	21
W7DIS	21	4216	53	14	17
K7VYU	"	1518	24	9	14
W7KOI	"	96	9	2	2
W7DQM	14	9555	71	17	32
K7UKC	"	4785	49	11	22
W7DLR	"	4452	42	16	26
K8JWC	A	69,412	187	42	92
W8BQH	"	51,831	168	38	79
W8RXY	"	34,404	130	32	62
W8BKO	"	26,448	116	27	60
W8WUO	"	23,023	100	31	60
W8UMR	21	24,092	118	19	57
W8WT	"	12,925	85	17	38
K8NMG	"	7728	58	15	33
K8WOT	14	33,033	131	26	65
W8JIN	7	4275	38	19	26
K8WVF	"	1188	20	12	15
K9VFF	A	12,719	67	33	46
W9JJV	"	6048	52	21	33
K9ECE	21	29,260	143	20	56
K9PPX	"	21,097	110	22	51
K9OYD	"	6615	53	18	31
WA9BWW	"	5640	52	16	31
WA9EOS	"	1550	23	13	18
K9PNV	14	22,630	118	22	51
WA9ENB	"	9898	97	20	37
K9ZJV	"	576	19	9	9
W0GUV	A	20,394	86	41	58
K0JPL	"	1884	24	14	19

W0QFQ	21	12,180	77	16	44
W0AIH	"	4545	51	15	30
K0BFR/0	14	3534	41	15	23
K0CER	"	3344	38	14	24
W0GKB/0	7	3610	46	15	23
K0MQS	"	3150	49	13	22
Bahamas					
VP7CC	A	93,615	550	30	49
VP7NC	21	33,464	225	18	44
VP7CX	"	23,535	235	14	31
VP7NX	"	17,900	148	16	34
VP7NS	14	308,175	1357	28	77
VP7BY	"	42,790	355	15	40
Bermuda					
W1HJT/VP9	14	7917	134	9	20
Canada					
VE1TG	21	6501	75	12	21
VE1CS	14	45,323	275	17	44
VE2WA	A	4005	35	16	29
VE2AFC	21	6864	75	11	22
VE2AMW	14	20,130	128	18	43
VE2BCK	"	9350	68	14	36
VE3PV	A	38,316	174	31	62
VE3BMB	"	20,935	117	31	48
VE3ES	"	13,144	88	21	41
VE3CBY	14	20,064	152	18	39
VE3RCS	"	15,974	136	14	35
VE3DYB	"	13,737	91	16	41
VE3EBU	"	10,780	100	12	32
VE3DXV	"	372	14	5	7
VE7MT	14	5846	61	13	24
VE8AH	14	24,624	182	20	34
VE8DX	"	360	12	3	7
V01BR	14	35,926	189	18	53
Canal Zone					
KZ5AZ	14	10,206	105	16	26
Cuba					
C08RA	A	32,224	190	30	46
Costa Rica					
T12JIC	14	74,172	351	27	57
T12PT	21	10,934	242	11	11
Dominican Rep.					
H18MMN	A	72,680	435	28	51
Greenland					
KG1BX	14	1768	50	9	8
Mexico					
XE1ZE	A	146,278	636	42	67
XE2VY	14	3596	52	10	19
Panama					
HP1JF	A	4428	76	12	15
HP1AC	21	868	30	6	8
Puerto Rico					
KP4A00	A	256,384	924	51	77
KP4BJD	"	28,567	252	19	34
KP4BBN	21	31,720	285	18	34
W7YMW/KP4	"	5925	110	10	15
KP4BJU	14	10,933	179	11	18
St. Vincent					
VP2SY	21	47,472	268	19	50
Sint Maartin					
PJ5MC	A	125,952	737	34	48
Africa					
Angola					
CR6DX	21	5986	58	13	28
Congo Republic					
TN8AA	A	21,329	133	24	53
Ghana					
9G1DV	14	2828	36	12	16
Kenya					
VQ4RF	14	149,677	437	34	87
Libya					
5A1TW	A	662,546	891	68	189

Mauritius					
VQ8AM	A	1829	23	13	18
Morocco					
CN8AW	14	45,187	213	20	53
Mozambique					
CR7GF	14	12,474	76	24	39
Nigeria					
5N2JKO	A	543,415	763	69	182
5N2CKH	21	49,440	282	19	61
5N2HJA	14	81,092	283	27	70
Republic of Congo					
9Q5TL	21	3690	49	12	18
9Q5AB	14	630	15	7	11
Reunion Island					
FR7ZD	A	589	15	8	11
Rhodesia, Northern					
VQ2WZ	A	226,227	386	59	160
VQ2EZ	"	77,220	231	44	86
Rhodesia, Southern					
ZE1JE	A	295,095	557	62	129
ZE4JO	14	170,800	549	29	85
Saint Helena					
ZD7BW	A	598,647	1034	66	137
Somali Republic					
601WF	A	164,049	397	45	104
South Africa					
ZS6NM	21	21,600	215	13	23
Sudan					
ST2AR	14	38,552	176	24	55
Tanganyika					
5H3JR	14	1872	55	6	6
Tchad					
TT8AN	14	102,912	394	28	68
Asia					
Aden					
VS9AMN	A	15,708	87	27	41
Bahrain					
MP4BBW	7	5181	57	9	24
Ceylon					
4S7IW	A	30,780	143	28	62
Cyprus					
5B4JF	A	46,410	188	20	65
India					
VU2RM	14	28,386	139	23	60
Iran					
EP2AU	14	81,224	284	28	76
Israel					
4X4AS	A	402,391	603	58	175
4X40N	21	44,325	204	18	57
4X4HW	14	164,808	533	30	79
4X4DI	"	1638	24	9	17
4X4JA	"	1575	28	6	15
4X4DK	3.8	20,416	159	8	36
Japan					
JA1BRK	A	273,581	522	67	120
JA1FSL	A	200,304	500	55	89
JA1DMX	"	12,320	92	20	35
JA1RH	"	6160	59	17	23
JA1BUJ	"	4305	46	17	24
JA1EHA	"	2752	33	15	17
JA1HGY	28	352	9	7	9
JA1HKP	"	198	10	4	7
JA17UJ	21	19,095	118	22	35
JA2BGW	21	12,750	91	21	30
JA3BOY	21	9840	88	19	21
JA3EUA	"	3996	42	16	20
JA1GDE	"	2944	51	11	12
JA8ADQ	"	2675	38	12	13
JA9ZJ	"	2356	28	13	18
JA1GKB	"	2184	31	12	14

JA6PL	"	2156	31	13	15
JA1KVT	"	1550	24	12	13
JA6COP	"	1176	20	12	12
JA6YAX	"	1026	24	9	9
JA6AZQ	"	520	14	6	7
JA3BBG	"	375	10	7	8
JA6PY	"	364	11	7	7
JA6YBS	"	253	11	5	6
JA3DQH	"	104	6	4	4
JA1WA	"	70	5	3	4
JA1BK	14	150,311	487	34	75
JA1CWP	14	67,732	300	28	54
JA8BI/1	"	30,739	186	24	35
JA2ADH	"	25,200	173	21	35
JA2JW	"	17,500	102	27	43
JA1ALX	"	5984	71	13	21
JA1ANA	"	5453	53	17	24
JA3AVO	"	3636	41	14	22
JA0AC	"	3002	33	15	23
JA6ACZ	"	1269	22	13	14
JA1BWA	"	6	1	1	1
JA1INJ	7	2964	43	11	15
KA2RJ	14	49,059	227	27	52
KA2CM	"	28,014	177	26	43
KA2BW	"	26,565	171	24	31
Korea					
HL9KH	14	318,960	826	37	107
HM4AQ	A	11,567	165	20	23
Lebanon					
OD5LX	21	13,095	99	11	34
West Malaysia					
9M2JJ	14	11,400	80	20	40
Mongolia					
JT1CA	14	31,844	173	25	51
JT1KAA	"	12,544	110	21	35
Ryukyu Islands					
KR6OF	14	13,166	118	22	36
KR6LJ	7	1890	43	10	11
Union of Soviet Socialist Rep. Asiatic					
UA0EH	A	40,824	231	34	47
UA9KQA	"	4329	53	11	26
UA0GF	"	2925	75	11	14
UA9XR	14	48,777	238	18	53
Azerbaijan					
UD6FA	A	2247	42	5	16
Kirghiz					
UM8KAA	A	16,491	109	24	45
UM8FZ	14	26,628	121	21	64
Turkoman					
UH8BO	14	180	11	5	7
Uzbek					
U18AG	14	17,892	118	19	44
U18LB	"	3540	46	10	20
Europe					
Aaland Island					
OH0NI	A	10,452	138	17	50
Austria					
OE1WP	A	26,877	169	30	63
Bulgaria					
L22KRZ	7	108	13	3	6
Czechoslovakia					
OK3CDR	A	95,418	329	49	113
OK1ADP	"	26,460	213	25	65
OK1ZL	"	17,473	138	27	74
OK2QU	"	15,600	120	22	43
OK1AFB	"	6840	103	15	42
OK3IR	"	5457	97	11	40
OK1VK	"	2301	47	10	29
OK1GT	21	3996	47	14	22
OK2KJU	"	520	20	4	9
OK3CDP	14	5160	95	11	32
OK1AVT	"	2212	71	7	21
OK2KRO	"	1850	63	5	20
OK1VB	"	1296	45	5	19
OK1MP	7	2553	65	6	31
OK2KOJ	"	1092	55	4	17
OK2OP	3.8	4875	118	7	32
OK1JX	"	1120	50	4	18
OK3YE	"	819	39	4	17



1-YV5BIG, Raul
 2-DL4OV, "The V
 controls, DL4DT in
 GM3BCL, Sandy H
 years he claims. 4
 more. 5-9A1AJ, t
 ing the pile-up in
 DX station, but Ja
 JA1FSL. Man! Loo
 touches to his home
 Cam and the beaut
 of the Pacific. 9-V
 21 mc. 10-TI0RC.
 another trop

6	31	13	15
0	24	12	13
6	20	12	12
6	24	9	9
0	14	6	7
5	10	7	8
4	11	7	7
3	11	5	6
4	6	4	4
0	5	3	4
1	487	34	75
2	300	28	54
9	186	24	35
0	173	21	35
0	102	27	43
4	71	13	21
3	53	17	24
6	41	14	22
2	33	15	23
9	22	13	14
6	1	1	1
4	43	11	15
9	227	27	52
4	177	26	43
5	171	24	31
r			
0	826	37	107
7	165	20	23
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5	99	11	34
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0	80	20	40
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4	173	25	51
4	110	21	35
lands			
6	118	22	36
0	43	10	11
ocialistic Rep.			
4	231	34	47
9	53	11	26
5	75	11	14
7	238	18	53
jan			
7	42	5	16
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1	109	24	45
8	121	21	64
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0	11	5	7
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2	118	19	44
0	46	10	20
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land			
2	138	17	50
a			
7	169	30	63
ia			
3	13	3	6
vakia			
8	329	49	113
0	213	25	65
3	138	27	74
0	120	22	43
0	103	15	42
7	97	11	40
1	47	10	29
3	47	14	22
0	20	4	9
0	95	11	32
2	71	7	21
0	63	5	20
6	45	5	19
3	65	6	31
2	55	4	17
5	118	7	32
0	50	4	18
9	39	4	17



1—YV5BIG, Raul at the compact lay-out with the BIG signal out of Venezuela. 2—DL4OV, "The Voice of the U.S. Signal Corp in Europe." Joe DL4XR at the controls, DL4DT in the background and Lt. Richardson giving his approval. 3—GM3BCL, Sandy has competed in every CQ DX contest since they started, 17 years he claims. 4—This was WA9EOS's first contest. Bet he will be back for more. 5—9A1AIJ, the San Marino DXpedition station, with Armando, I1AIJ, keeping the pile-up in line. 6—9M2JJ. It doesn't take much equipment to make a DX station, but Jan would like to have more than just a beer-can vertical. 7—JA1FSL. Man! Look at that crazy contraption. Sadahiro putting the finishing touches to his home made log periodic which covers 14 to 144 mc. 8—KH6EPW, Cam and the beautiful lay-out and location that produced the highest score out of the Pacific. 9—W1RIL's neat home made rig produced the highest score on 21 mc. 10—T1ØRC. L to r. T12SS T12PI and T12HGA. They just missed adding another trophy to the one T12PI won in last year's s.s.b. contest.

Denmark					
OZ4RT	A	54,825	222	39	90
OZ3KE	"	8294	91	18	40
OZ7FH	"	1350	48	7	19
OZ4DX	"	570	28	4	15
OZ4WR	"	220	17	7	13
OZ3Y	14	60,160	262	30	64
OZ5BW	"	41,082	205	27	55
OZ6WJ	"	1800	52	8	22
OZ3SK	3.8	3296	95	6	26
England					
G8FC	A	150,781	459	45	86
G5ZT	"	121,342	423	46	123
G6RJ	"	93,170	315	44	66
G3NFV	"	56,025	249	39	96
G3MWZ	"	6864	72	16	28
G2AJB	"	6160	87	17	39
G3FXB	14	270,692	695	35	113
G4CP	"	185,640	545	36	104
G3LSF	"	108,019	414	32	77
G3MEA	"	36,524	172	29	63
G3LNO	"	14,213	154	16	45
G3MHV	"	1488	58	6	18
G3PZO	21	7876	79	14	30
G3PRP	"	6336	66	15	21
G3FLS	"	525	15	6	9
Finland					
OH5TM	A	66,110	284	32	78
OH5YL	"	6030	127	10	35
OH2WI	"	1666	59	10	24
OH1VR	"	812	28	11	17
OH3VW	21	16,576	136	19	37
OH2BC	"	13,200	104	18	37
OH5UX	"	1020	51	5	12
OH2BS	"	120	8	5	5
OH2DX	14	63,976	302	28	60
OH2TJ	"	39,270	269	22	63
OH5OQ	"	12,528	225	10	38
OH5RZ	"	6370	159	7	28
OH2WI	"	2686	59	10	24
OH2BAZ	"	2233	63	7	22
OH5OD	"	2001	60	5	24
OH3XQ	"	816	20	8	16
OH3NY	"	527	31	4	13
OH2TH	3.8	6216	135	6	36
OH2RZ	"	1825	68	5	20
France					
F2SI	A	60,480	268	30	75
F3PK	"	45,153	209	29	58
F2MO	"	26,488	127	34	52
F8WE	"	22,880	152	29	75
F8SC	"	12,234	77	29	50
F8TM	"	7965	82	16	43
F7BK	A	196,474	522	48	145
F7CP	"	82,797	273	47	96
Germany					
DL3DW	A	130,139	279	61	120
DJ2QZ	A	127,038	340	66	120
DL90H	A	116,184	302	55	151
DL7HU	A	100,257	257	53	128
DL7EN	"	69,384	211	49	119
DJ1QP	"	68,016	191	47	109
DL7DF	"	62,597	197	39	110
DJ6QT	"	50,315	222	35	110
DJ5VQ	"	43,924	182	40	99
DL8BS	"	42,714	191	35	78
DJ8EG	"	23,868	171	20	58
DL7BQ	"	20,604	130	30	72
DJ2HH	"	19,392	161	23	78
DL3RK	"	17,400	96	30	57
DJ2WN	"	12,328	109	23	44
DJ30J	"	9452	54	28	40
DL2BB	"	9170	68	26	44
DJ2UU	"	9052	118	16	57
DL9JL	"	6435	93	14	51
DL9KP	"	5644	64	22	46
DL3TW	"	5338	61	13	21
DL7JW	"	4752	44	21	33
DJ1UE	"	3825	59	13	38
DJ3LT	"	2880	31	15	21
DL10W	"	2747	57	13	28
DJ2YE	"	1925	56	6	29
DL7BK	"	1482	26	14	24
DJ3BB	"	1480	38	12	28
DL9XY	"	210	12	6	9
DJ40P	21	8142	72	18	28
DL6EN	14	129,276	416	33	81
DJØIK	14	95,146	324	34	79
DL9CT	"	78,692	286	31	72
DL8DX	"	42,085	189	31	64
DL9YX	"	29,200	129	30	70
DJ5LA	"	11,532	93	21	41
DJ2DW	"	4862	82	8	18
DJ3CP	"	4784	41	18	34
DJ3WP	"	2960	31	16	24

[Cont. on page 84]

Phone Results [from page 45]

DJ2IB	"	2769	40	14	25
DL7BA	3.8	9360	156	9	39
DJ2YA	"	8910	188	8	37
DL1IN	"	4343	86	8	35
DJ5RH	"	1553	53	6	23
DL5CF	A	182,578	409	61	132
DL5AO	14	114,935	347	37	90
DL4BW	"	15,478	123	26	45
DL5SE	"	8448	137	13	35
Hungary					
HA90Z	A	34,998	204	37	77
HA1KSA	"	3154	51	13	25
HA6NI	"	30	6	2	3
Ireland					
E18P	A	17,484	154	21	41
Italy					
I1BAF	A	310,128	615	66	147
I1LCF	"	24,140	180	26	59
I1PHN	"	10,295	112	19	52
I1EVK	"	5640	54	17	30
I1SF	21	35,322	183	25	62
I1TDJ	"	32,319	148	26	55
I1WSG	"	1675	27	9	16
I1ZFT	14	97,112	402	36	86
I1NAL	"	7520	126	10	37
I1AMU	7	2485	60	7	28
Luxembourg					
LX3BW	A	23,114	129	25	66
LX3DQ	"	12,528	134	20	52
LX1CO	14	1740	50	7	22
Malta					
ZB1BX	A	53,460	272	32	103
Netherlands					
PA0HBO	A	269,640	602	59	151
PA0WQ	"	145,340	398	51	121
PA0LV	"	10,488	133	18	58
PA0LOU	"	9472	71	23	41
PA0DJ	"	4212	51	18	36
PA0HSJ	"	3315	79	10	29
PA0UC	21	6560	60	16	25
PA0GMU	"	3800	51	13	25
PA0EEM	14	18,642	131	23	55
PA0JWA	"	8673	75	20	39
PA0PRK	"	2310	47	9	24
PA0GKO	7	1560	60	4	22
Northern Ireland					
G16TK	A	12,320	90	24	46
G13CDF	3.8	16,092	265	13	41
Norway					
LA5HE	A	140,616	295	55	134
LA8NH	"	6850	136	14	36
LA1NG	"	208	18	4	10
LA6U	21	1536	45	4	8
LA3UF	14	22,849	172	22	51
LA4KF	14	18,648	166	19	44
LJ2S	"	3811	83	12	25
Poland					
SP5XM	A	90,013	338	48	119
SP5YC	21	5720	57	12	18
SP5ZA	"	2686	40	13	21
SP9ADU	"	63	7	2	5
SP5AR	14	37,540	227	22	60
SP6AAT	"	3774	91	7	27
SP9AHA	"	630	44	4	10
SP8AJK	7	63	7	4	5
Portugal					
CT1KF	A	74,655	323	37	98
CT1LN	"	5712	99	14	42
CT1PK	21	26,634	165	17	52
CT1UO	"	3840	83	7	17
Roumania					
Y07KAJ	A	7809	98	15	42
Y02BB	21	13,248	130	18	32
Y03ZA	14	17,199	212	19	47
Y06KAF	"	3172	116	5	21
Y02CJ	"	748	44	3	14
Y09CN	7	4532	80	10	34
Y07VS	"	1081	33	7	16
Y05LU	"	441	21	5	16
Y05TR	"	289	17	5	12
Y03JU	"	120	14	4	8
Scotland					
GM3BCL	A	59,983	265	41	92
GM3JDR	14	40,050	270	26	64
Sicily					
IT1ZDA	21	23,541	197	15	44

IT1TAI	14	97,875	360	34	91
Spain					
EA7ID	A	80,855	248	54	103
EA4GR	"	70,794	323	35	79
EA3OF	"	23,229	206	21	68
EA3KT	"	22,601	159	23	74
EA4GZ	14	104,854	449	29	74
EA4EP	"	22,011	212	20	49
Sweden					
SM3BIZ	A	207,702	518	50	148
SL6BH	"	131,408	391	55	117
SM5BAU	"	20,088	100	29	43
SM5BPJ	"	9855	72	29	47
SM6BDS	"	660	26	7	15
SM5CEU	21	3996	56	12	24
SM5AM	14	74,529	341	29	62
SM5ANH	"	72,009	300	33	94
SM5KV	"	28,747	190	25	64
SM3AF	"	8370	136	10	21
SM5CMG	"	608	32	4	12
SM6ARH	"	396	21	5	13
SM5CAK	7	1296	57	5	19
SM3AZI	"	360	19	4	14
SM5GZ	3.8	8415	174	7	38
Switzerland					
HB9ZY	A	258,420	491	65	154
HB9MO	"	104,160	287	51	117
HB9J	"	37,062	190	26	45
HB9QO	"	20,116	106	33	61
HB9UD	"	20,055	127	32	73
HB9UL	"	3498	40	10	23
HB9DX	21	448	12	5	9
HB9KU	14	4365	37	19	26
Wales					
GW3FSC	14	2050	75	5	20
GW3NWV	"	1998	41	9	18
GW3ITZ	"	1364	63	4	18
Yugoslavia					
YU30V	A	37,418	214	30	76
YU1AG	"	4272	79	14	34
YU1SF	14	165	15	2	9
YU4JOP	7	2414	66	6	28
Union of Soviet Socialist Rep.					
European					
UA1TT	A	754	27	6	20
UA3APW	28	180	8	5	5
UA4PA	21	16,287	167	16	45
UW3BV	"	9588	170	10	24
UA6FD	"	2550	64	6	24
UA1MU	14	82,740	371	30	75
UA4PW	"	28,210	187	24	67
UA3KQB	"	21,384	171	25	56
UA3YA	"	3075	75	12	29
UA1ZF	"	1025	29	10	14
UA1NA	"	600	24	7	13
UA1KMF	"	375	21	4	11
Estonia					
UR2BU	A	19,598	126	28	54
Latvia					
UQ2FS	21	464	23	4	12
UQ2CS	14	2622	114	4	19
Moldavia					
U05WS	14	2520	101	7	23
U05RO	"	950	36	5	14
Ukraine					
UB5UN	A	209,304	518	59	145
UB5CI	"	3910	63	15	31
UB5FG	28	378	12	7	11
UB5KCA	7	5289	123	8	33

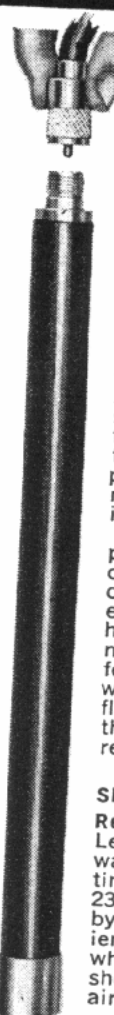
Oceania

Australia					
VK2APK	21	3402	68	8	10
VK2AHT	14	77,168	264	28	76
VK2JZ	"	20,526	122	22	44
VK2KM	"	17,292	93	23	43
VK2AUS	"	2320	38	11	18
VK2RA	"	99	5	4	5
VK3ATN	A	204,800	468	62	98
VK3TL	14	85,202	286	33	80
VK3HL	"	15,228	95	19	35
VK4TY	A	34,310	155	31	63
VK5GG	14	18,720	134	20	32
VK6RU	A	87,444	251	41	85
Caroline Is. (East)					
KC6BK	14	49,000	212	29	69

Cook Islands					
ZK1AR	A	39,338	182	38	51
Fiji Islands					
VR2DS	14	90,016	387	30	67
Guam Island					
KG6AJB	14	35,073	166	24	57
Hawaii					
W5FAS/	A	152,985	423	54	87
KH6	"	146,574	509	40	62
W7UXP/	A	23,218	168	18	29
KH6	21	23,218	168	18	29
KH6EKO	14	120,530	511	28	57
Marcus Island					
W4VGL/	A	95,448	368	30	67
KG6	14	95,448	368	30	67
Marshall Islands					
KX6BD	14	29,116	207	20	38
Midway Island					
KM6CX	14	18,096	139	18	34
New Caledonia					
FK8AC	14	9240	97	16	24
New Zealand					
ZL1AG0	A	26,230	138	35	50
ZL1AAS	14	159,507	507	32	79
ZL4LB	14	19,272	119	20	46
ZL4B0	7	1512	38	10	8
Philippines					
DU7SV	A	9120	160	7	13
South America					
Argentina					
LU7DGM	A	21,835	149	21	34
LU1DAB	28	95,353	415	22	57
LU4DMG	14	969	19	8	11
Brazil					
PY7GV	A	38,315	143	30	67
PY1NBF	"	30,783	168	34	59
PY2CAN	"	1100	20	12	13
PY2CPQ	"	736	16	9	14
PY5EG	21	20,398	124	23	39
PY1ATR	"	19,266	127	19	38
PY7EC	"	8697	77	11	28
PY5I0	"	2888	33	15	23
PY4ABH	21	156	6	6	6
PY2CBP	14	21,948	140	23	36
PY2BGO	"	192	15	9	9
British Guiana					
VP3HAG	A	90,750	422	28	47
Colombia					
HK4EB	A	220,981	573	50	87
HK3AFB	14	12,544	87	18	38
HK3RQ	"	12,098	105	17	29
Ecuador					
HC5EJ	A	169,728	585	35	81
HC5NW	"	5250	53	19	23
Juan Fernandez					
CE0ZI	A	11,448	90	25	29
Netherlands, W. I.					
PJ2AA	14	163,817	538	26	81
Paraguay					
ZP50G	A	2520	39	12	12
ZP5CG	21	7530	91	12	18
Peru					
OA1W	A	12,395	81	27	40
OA4BI	14	34,965	206	24	39
OA4PD	"	21,840	139	19	41
Surinam					
PZ1AX	21	41,410	340	17	24
PZ1BK	"	17,543	115	17	36
PZ1BJ	14	39,831	200	19	52
Uruguay					
CX3BH	A	446,558	829	66	125
CX10P	"	1058	25	10	13
Venezuela					
YV5BIG	A	240,352	572	51	87

[Continued on page 86]

by hams...
for hams
Harvey



WE SPEAK
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at your requ

YV5BPG	..	"	19,647	119	33	26
YV5AHG	..	"	672	12	9	12
YV1DP	..	14	106,152	664	13	40
YV7GB	..	"	81,440	349	26	54
YV5BPJ	..	"	57,460	245	28	57
YV5AMW	..	"	19,564	103	22	51
YV1LA	..	"	13,156	98	13	33
YV3BS	..	"	12,144	102	15	31
YV5AKU	..	"	532	10	9	10
YV5BUP	..	"	288	13	6	6
YV5AKP	..	"	266	7	7	7
YV5AMP	..	"	150	5	5	5

MULTI-OPERATOR Single Transmitter North America

United States						
WB2CCO	.....	66,402	201	39	87	
			(K1BVI & WA2UJI)			
W3TMZ	.....	194,580	343	60	147	
			(W3TMZ, W9SZR/3, HC1KA)			
W3ADO	.....	64,400	182	43	97	
			(K61LB, K9MBQ, K0DQI, KHP)			
K3VTO	.....	11,388	115	17	35	
			(K3VTO, WFX)			
K4FEF	.....	10,106	83	26	36	
			(K3IMZ/4, K4JXO, W4NSV, PDU)			
K6ASL	.....	155,408	336	57	119	
			(K6ASL, MQG; WA6DUG, EPQ, IPY, JLL; WB6BSI, ENX)			

Alaska						
KL7EKB	.....	126,113	580	28	61	
			(KL7EKB, EOJ, EMV)			
KL7BCW	.....	117,414	496	31	68	
			(KL7BCW, BJW, BZO, AQU)			

Anguilla						
VP2KI	.....	132,066	716	33	54	
			VP9L, AX, BN, W2YTH)			

Canada						
VE3BOG	.....	29,754	142	35	52	
			(VE3BOG, BWM)			

Costa Rica						
T10RC	.....	595,358	1238	78	140	
			(T12SS, HGA, PI)			

Guadeloupe						
FG7XL	.....	80,892	306	40	67	
			(Jean & Monique)			

Africa

Republic of Congo						
9Q5UC	.....	364,826	844	42	112	
			(9Q5AB, CC, EP, HU, LQ, OB, TH)			

Asia

Union of Soviet Socialist Rep. Club Stations						
Asiatic						
UA9KCE	.....	433,780	687	53	177	
UA9KTE	.....	6230	64	9	26	

Azerbaijan						
UD6KAR	.....	34,125	169	24	51	
UD6KGF	.....	1414	37	4	10	

Kirghiz						
UM8KAB	.....	28,917	185	20	43	

Europe

Austria						
OE1PHW	.....	9333	114	19	42	
			(OE1PHW, WO)			

Bulgaria						
LZ1UF	.....	16,906	171	22	57	
			(LZ1UF, SP5AHO/LZ)			
LZ2KKZ	.....	7502	101	15	47	
			(Club Station)			
LZ2KRS	.....	1586	57	5	21	
			(Club Station)			

Czechoslovakia						
OK1KPR	.....	50,193	251	31	112	
			(Club Station)			
OK3KGI	.....	4224	107	8	25	
			(Club Station)			

England						
G3SCU	.....	101,964	354	32	84	
			(G3SCU, HTA, IYG, RUV, RUX)			

Germany						
DL1KB	.....	623,948	856	83	201	
			(DL1KB, DL1JW)			
DL0DX	.....	35,298	333	28	78	
			(DJ50W, DJ6MQ, DJ6RZ, DJ7VY, DJ8SW)			
DL40V	.....	206,910	690	36	78	
			(DL4DT, XR; DJ0FP, KK)			

Netherlands						
PI1PT	.....	14,508	139	20	58	
			(School Station)			

Northern Ireland						
GI8PA/A	.....	273,966	730	46	108	
			(GI3AXI, GAL, HXV, JXS, KYP, GI5UR, GI8AP)			

Norway						
LA8D	.....	27,450	168	27	48	
			(LA2LI, LA3FG, LA6VH LA70I.)			
LA1H	.....	8437	122	15	44	
			(Club Station)			

Portugal						
CT1EY	.....	234,080	598	51	139	
			(CT1EY, CT1YE)			
CT1LR	.....	3154	83	10	28	
			(CT1LR, CT1KH)			

San Marino						
9A1AIJ	.....	446,145	883	71	174	
			(I1AIJ, BER, LCK, ZSQ)			

Sweden						
SM5AZU	.....	47,343	229	36	93	
			(SM5AZU, ATN, BGM)			

Union of Soviet Socialist Rep. Club Stations						
European						
UA3KND	.....	23,220	187	28	60	
UA3KYA	.....	19,680	138	21	59	
UA4KWB	.....	13,530	150	17	49	
UA6KTB	.....	4452	82	12	30	
UA1K1A	.....	3150	71	7	28	
UA3KFB	.....	2278	57	8	26	
UA1KFA	.....	1069	22	10	18	
UA3KOB	.....	594	27	4	14	

Estonia						
UR2KAT	.....	8112	134	12	40	
UR2KAE	.....	3570	93	8	27	

Kaliningrad						
UA2KAW	.....	2040	80	9	21	
UA2KAK	.....	1674	49	6	21	

Latvia						
UQ2KAA	.....	59,774	308	39	82	
UQ2KCC	.....	17,136	178	23	49	

Ukraine						
UB5KSP	.....	14,972	197	21	55	
UB5ARTEK	.....	9720	109	18	42	
UB5KYA	.....	1904	50	11	23	

White Russia						
UC2KSA	.....	1372	47	6	22	

Oceania

Guam						
KG6AAY	.....	179,070	527	49	92	
			(K6SDR, WAGEHL)			

Hawaii						
KH6EPW	.....	423,468	887	69	93	
			(KH6EPW, KH6EVT)			

Western Caroline Is.						
KC6BO	.....	181,251	467	51	96	

Wake Island						
KW6DS	.....	64,220	329	29	47	
			(KH6COY, KH6EUR)			

South America

Argentina						
LU8FAO	.....	56,602	225	29	62	
			(LU2FAO, LU8FAO)			

Chile						
CE1FX	.....	102,300	397	35	58	
			(CE1FX, CE1DD)			

Ecuador						
HC2JT	.....	499,722	805	75	147	
			(HC2JT, HC2LF)			

Netherlands Antilles						
PJ2CR	.....	51,958	222	34	49	
			(PJ2CR, PJ2CO, PJ2CY)			

MULTI-OPERATOR Multi-Transmitter North America

K2GL	.....	956,868	930	99	264	
			(K2GL, W2SKE, W21WC, W2GLM, K2TXX, K1ZVU/W6KVF)			
W6VSS	.....	743,040	864	102	218	
			(W6VSS, W6NJU, W6UED, K6EVR, K6YRA, W8BKP, W5KFT)			
W3MSK	.....	407,043	539	83	190	
			(W3MSK, W3ZKH)			
W0NFA	.....	389,902	563	86	188	
			(W0NFA, K0LFY, K0UTX, K0RAL, K0DUB)			
W8NGO	.....	157,874	295	58	135	
			(W8NGO, W8CLB, W8ONA, K8LSG)			

Africa

ET3USA	.....	389,844	671	56	148	
			(Club Station)			

Europe

DJ3VM	.....	605,710	946	72	166	
			(DJ3VM, DL1BI, DJ1BP, DL1CR, DL1CX, DL3AO, DJ3JZ, DJ7PF, DL9CI)			
DL0WW	.....	590,750	868	74	204	
			(DJ3OU, DJ3YV, DJ4OT, DJ4XN, DL6NK, DJ6WI, DL9GU)			
OH5SM	.....	412,848	961	74	208	
			(OH5SM, OH5NQ, OH5NW)			
I1DFD	.....	289,674	672	57	141	
			(W3GSA, W4FSB, W9LIG, K9OYT)			
OH2AA	.....	179,270	569	46	136	
			(OH2ER, OH2LP, OH2MK, OH2SB)			
4U11TU	.....	59,170	345	29	68	
			(G2MI, HB9UD, HB9YK, K8CFU, VE3DA, W0MPW, YV5BJP)			
UB5KED	.....	11,088	140	16	50	
			(Club Station)			

South America

CX2CO	.....	1,026,086	1237	90	203	
			(CX2CO, CX7CO)			
HC2FB	.....	173,824	767	39	58	
			(HC2FB, HC2BJ, HC2CW, HC2FC, HC2HP, HC2MO, HC2RT)			

Our thanks to the following stations who took time out to send us a report of their limited operation for checking purposes: DJ7BM, GI4RY, KP4BCP, LA6VH, LU9DAH, LX1DE/m, OH3-TA, OX3JV, OZ2IF, OZ5FT, OZ7KV, PA0DF, PA0TV, PY3AHJ, SM3CJD, SM5BZ, SM5CAK, SM5MC, SM7-ACB, VE3AO, VE3BGV/SU, VE8JJ, VK7A1, VP7NB, K1YRO, W2DEW, W2GRA, W2GT, W2PEO, K3UDX, WA6FBN, WB6FBN, YV1DP, YV5-BTC, 4X4MJ, 9Q5JW, 9Q5UC, SYL-A-3699, VP9BY.

Shu

A RECENT the phone. It netic unit at speech speech in punch un be due to level. T sharply at range with respective 1000 cycle 1000 cycle 3000 c.p.s c.p.s. poin at 6000 c. db into a is semi-dir

The Mod transmission Other featur 1. A fing front of the and an exte control bar o for push-to- in for other 2. A sepa instantaneou operation. 3. Microp to 11 3/4". 4. Sturdy microphone The Shur Microphone adjustable-he tor cable. It 222 Hartrey Scherer, W. M CQ, January 19