

Results of the

1961 CQ World-Wide DX (C.W.) Contest

BY FRANK ANZALONE*, W1WY

THAT was quite a week-end of DXing we had back in November. The turnout in this country was probably held down by the anticipated poor conditions, but the dyed-in-the-wool contest addicts were handsomely rewarded by one of the best contest week-ends we have ever had.

On an average, scores are higher than they ever were and in most cases the Trophy winners made new highs in their respective divisions.

In his third try, Josef Plzak, 7G1A came up with another million-plus score on all bands to make him King for 1961. However having won the Trophy in 1959, Josef is not eligible for this year's award and the Larry LeKashman, W9IOP Cup goes to CX2CO next in line in the all band category. This makes Ricardo Sierra, Jr. a double winner for the second straight year. With no more worlds to conquer, maybe Jr. and Sr. will team up and make a go of it as multi-operators next year.

It was a close one with KW6DG, but Layne lacked those few extra points in his multiplier, although his contact total was much higher. Maybe he lost out during that short period when he had to shut down because of a typhoon that just skirted Wake Island. Too bad, since Layne will be back in the States as K0SLD for the next contest.

In the fourth spot, is our old friend KH6IJ, with a score lower than his normal average. Had "Nosey" equaled his last year's output the Trophy would have finally gone to Hawaii.

The call 5N2LKZ seems to be a new one in our contest listing. Making fifth in the Top Ten, on his first try, is indeed commendable. Hope Owen will again take advantage of his choice location next year. With the exception of UB5WF who always comes through with a good score, the rest of the spots in the Top Ten are occupied by stations in the USA. This is the best showing ever made by our boys in world competition. A fine tribute to W4KFC, W3GRF, W4YHD and W4DHZ, all tried and true contest veterans.

Over in the Single-Band division the competition was keen and the scores were high. Once again it was 14 mc where the high scores were made and this year's winner is none other than Vladimir Semenov, UA9DN last year's all band winner. So make room for the John Ryan, W7KVU Cup and put it alongside the

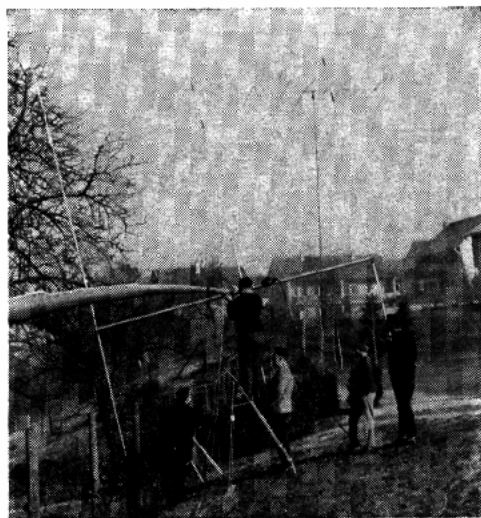
W9IOP Trophy you won last year. Congratulations Vladimir, perhaps we'll see you in the Phone section next year.

Both ZS2HI and KH6DLF also have fine scores on 20. Ken can give it another try next year but Ed has returned to the States and is now in WI-land, so his golden opportunity from KH6 is no more.

Over here on our side, W1BIH was high man on 14 mc. Evidently John decided to take it easy after plans for a Multi-Operator entry did not materialize.

Both 7 mc and 21 mc received equal attention and the activity was divided according to one's sleeping habits. Those with normal habits decided that 15 would fit their requirements and found the band hopping with Europeans from daybreak to early afternoon. After that, it was slim pickings to other areas of the world. Here on the east coast openings to the Pacific and Asia were almost non-existent, although other areas of the country were getting through.

PY4GA took advantage of the north-south opening and is high scorer on that band. And W2WZ, once again, is at the top of the list for our boys. Who is going to be the first one to dethrone AI?



The DJ3JZ Gang preparing for the c.w. week-end. That's a tri-bander going up, adding to the extensive antenna farm needed for multi-transmitter operation.

P.S. They made good use of it.

*Contest Committee Chairman, CQ.

Openings in the Pacific and Asia were of short duration as shown by the lower scores.

The "night owls" who stuck to 7 mc found it very rewarding. Glowing comments of "never heard or worked so much DX on 40" were found only on logs of those blessed with beams or other high-gain arrays. And those that came up with six figure scores had that, plus power to boot. Of course a little savvy on the workings of 40 helped a bit too.

Top man on the totem pole is Don Miller, W9WNV perched on top of a 250 foot hotel building facing Lake Michigan. With an assortment of four arrays and antennas covering all directions, he was able to come up with a big enough multiplier to overcome the point advantage of his nearest competitor, Bob Martinez, K2DGT on the east coast. So to Don goes the new 40 Meter Trophy donated by the Israel Amateur Radio Club.

A member of that club, 4X4DH is third on the list. Followed by W3KFQ. Clarence has won the 3rd district award on each band, 10 through 40, the past 4 years. If he maintains that schedule he should be showing up on 80 next year. Very close and with an identical multiplier is W8FGX, Jake, the 40 meter perennial. With these conditions and a Trophy to shoot for you are going to see more and more stations taking a crack at the 40 meter band.

The 80 meter activity was mostly confined to Europe, with OK3DG at the top of the list. Followed by DJ3WE, PAØLV and SP5IA.

On our side of the pond the surprising high scorer is K6EIV with WIBU and VE3AGX next in line. Out in the mid-west W9PNE and W9PWU got involved in a very close one.

As for 160, well what can I tell you? Only one log was received from our boys. Except for a few multiplier seekers over here all the top band activity was confined to Europe, especially among the Czechoslovakian group.

The 28 mc band was very spotty. Some of the all-banders kept pecking at it for an occasional multiplier but very few stuck it out for single-band awards. Those that did, had very little to show for their efforts, the openings were very few and of short duration. With 21 mc wide open to Europe it was hard to realize that the m.u.f. didn't reach 28 mc.

The JAs who usually occupy 10 in droves, avoided it like the plague and went to 21 mc. Our K2HWL is to be commended for sticking it out the way he did. We know that the band was open for short periods but those that gave it a try went to more productive fields after they had cleaned up the few stations that were on the band.

Once again it was the Europeans that dominated the activity in the Multi-Operator Single-Transmitter division. But it was the only entry from Australia, VK5NQ that tops the heap and wins the Tony Susen, W3AOH Trophy. Jeff and Tubby Vale really poured on the coal and



The Gang at W6RW—Standing: K6ERT, Gregg; K6PJY, Dan and W6PZH, John; sitting: W6BXL Chuck and W6RW, Rog himself.

lead the field with plenty to spare. Nice going fellows, The "Mug" is on its way to you.

The c.w. portion of the HV1CN story was adequately covered in the April issue so little more can be added here.¹ Altho Al and Larry came up with the highest QSO total ever made by a single transmitter station in this division, it was impossible to break through the European barrier and run up a good multiplier. But they sure made a lot of the boys happy with a new one.

A new club group in Bulgaria takes the third spot with LZ1KSV of the Sofia City Radio Club, beating out LZ1KBA who usually takes top honors for Bulgaria.

VQ4RF, the Trophy winner, in the Phone contest, gave it a go on c.w., but evidently brass pounding requires a different technique and the best Frank and Henning could do was 4th. Even though they took on Jock, VQ4DW as a third hand.

The final honor goes to another new club group, UJ8KAA, reflecting the added activity from Asia.

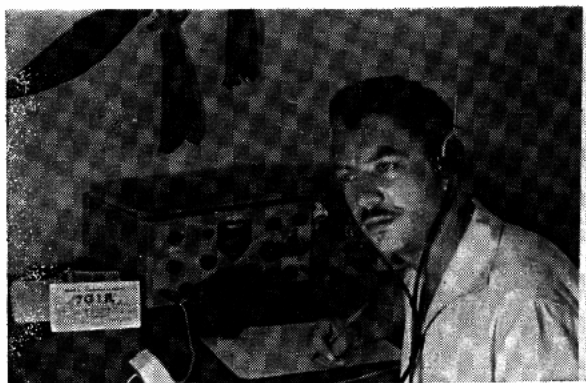
The Multi-Transmitter division had a better representation than during the Phone contest and the "Big Boys" ran up some eye-opening scores. With the exception of W3AOH, last year's winner who did not put in an appearance this year, it is essentially the same group that has been battling it out for the past 3 or 4 years.

The 1959 winner, DJ3JZ, again leads the field. Hardi Ludwig and his boys planned this one for months and their hard work paid off. Congratulations fellows, we are sending you a suitably engraved plate for the base of the Trophy you won in 1959.

The Buzz Reeves, K2GL Trophy therefore goes to the Potomac Valley group at W3MSK who were right on DJ3JZ's heels with a much bigger multiplier but lacking in contact points.

The Ukrainian power house of the Kharkov Radio Club, UB5KBB, for the third straight year ends up in third position, but with a much higher score than in previous years. They have

¹LeKashman, L., "DXpedition to HV1CN," CQ, April, 1962, p. 37.



7G1A—Josef Plzak meditating just before he got down to the serious business of contesting. Now that he is back home in Czechoslovakia he will have plenty of time to think about the good old days.

a good multiplier and a record number of contacts but unfortunately to many of them were Europeans and good for only one point. Watch out in 1962 is their slogan.

Roger Mace and his west-coast gang are still in there pitching to put W6RW back in the lime light but with present day propagation conditions it's pretty tough from the west coast. Even so they always manage to make the Top Five, although not the lofty heights they reached back in the lush days of 1957. "But there will come a day," sez Rog.

And a new one in the big time, W2JT did surprisingly well with only a two-man crew and limited multi-transmitter operation. Maybe this will give the North Jersey gang ideas for next year.

There is no question as to where the CQ Plaque goes this year. Once again the Potomac Valley Radio Club heads the list. With three members in the Top Ten and their "Big Gun" a Trophy winner in the Multi-group, how could they miss? The North Jersey DX Association made their usual fine team effort but still lack that big clincher. A few new clubs, among these the Virginia Century Club, show very nice totals. However its disappointing to see the fall-off on the west coast and the small representation of potential powerhouses here in the east. These club members are sure missing a lot of fun.

The score of the German DX Team cannot be considered for an award since once again their secretary failed to make an official entry.

Since there are so many foreign clubs, we found it necessary to cut the listing down to only the large ones and those who sent in a summary sheet of their participating members.

The 1145 logs received this year is a substantial increase of 144 over last year. However the 103 in the country total is a drop of 4 over the countries represented last year.

It was the same hard working crew of Andy Malashuk, W1GYE; Mac McIntire, W2BO; and Ben Lazarus, W2JB, that made this detailed report possible. Wonder if you fellows realize the work involved in a project of this size. Man! you just don't have any idea.

That's it for this one, 73 for now. Frank, WIWY.

U.S.A. Club Scores

Potomac Valley Radio Club	4,883,473
North Jersey DX Assn.	2,721,685
Southern California DX Club	1,268,174
Virginia Century Club	855,441
Northeast DX Association	658,402
West Gulf DX Club	532,164
El Ray Radio Club (Mass.)	337,208
Badger Amateur Radio Society (Wis.)	228,902
Ohio Valley Amateur Radio Assn.	228,842
Nashua Mike and Key Club (N.H.)	175,048
Hamfesters (Ill.)	171,152
Northern California DX Club	128,514
Detroit Amateur Radio Association	119,725
Southeastern DX Club	117,088
Frankfort Radio Club	105,930
QCWA DX Club of New York	66,721
Indian Hills Radio Club (Ohio)	49,406
Genesee County Radio Club (Mich.)	28,012
Greater St. Louis DX Club	15,976
Florida DX Club	12,816
Hampden County Radio Assn. (Mass.)	5,672
St. Mary's High School Radio Club	4,720
Niagara DX Association (N.Y.)	2,680
Order of Boiled Owls (N. Mex.)	2,520
Blackstone Valley Radio Club (R.I.)	1,674

Foreign Club Scores

German DX Team	3,064,252
Uruguay DX Club	2,008,892
Central Radio Club (Czechoslovakia)	1,600,847
Sofia City Radio Club (Bulgaria)	1,360,066
Kharkov Radio Club (Ukraine)	1,283,407
Swiss DX Radio Club	906,776
Far East DX-Ploiters (Japan)	822,290
Turun Radio Amateur Club (Finland)	370,237
Zagora Radio Club (Bulgaria)	358,581
Japan DX Radio Club	356,069
Amateur Radio Society of Iran	348,877
Okinawa Amateur Radio Club	308,982
SP DX Club (Poland)	269,437
Radio Club of Tallinn (Estonia)	135,843
Shizuoka Amateur Radio Club (Japan)	125,140
Warsaw Amateur Radio Club	112,480
Bremerhaven Radio Club	67,320
Taiwan-American Radio Club	62,532
Doso Amateur Radio Club (Bulgaria)	50,882
South Birmingham Radio Society (England)	48,500
R.A.F. Little Rissington Amateur R.C.	46,200
Kanazawa Amateur Radio Club (Japan)	16,856

Top Ten ALL BAND—SINGLE OPERATOR

7G1A	1,177,893		
CX2CO	856,416	W4KFC	645,663
KW6DG	841,334	W3GRF	622,506
KH6IJ	791,840	W4YHD	544,504
5N2LKZ	777,155	UB5WF	514,022
W4DHZ	464,002		

Top Five

MULTI-OPERATOR SINGLE TRANSMITTER

VK5NQ	709,000		
HVICN	529,356	VQ4RF	431,538
LZ1KSV	452,782	UJ8KAA	239,940

Top Five

MULTI-OPERATOR MULTI-TRANSMITTER

DJ3JZ	1,451,437		
W3MSK	1,405,767	W6RW	538,486
UB5KBB	1,203,350	W2JT	521,554

Continental Leaders SINGLE BAND

28 Mc		7 Mc	
K2HWL	7,130	W9WNV	146,510
CX9HJ	4,470	4X4DH	117,810
G5RP	3,360	VK3ADB	78,588
		OK2KOJ	69,048
		PY4AP	12,204
21 Mc		3.5 Mc	
PY4GA	105,616	OK3DG	18,300
W2WZ	77,910	4X4WF	8,019
ZS6APQ	74,808	K6EIV	7,410
ZBIHC	65,807		
ZL2GS	22,607		
JA3IW	22,385		
14 Mc		1.8 Mc	
UA9DN	274,412	OK1ADX	740
ZS2HI	219,034	K7EKD	24
KH6DLF	205,816		
PY4OD	188,374		
W1BIH	142,374		
G4CP	131,145		

U. S. A. Leaders and Runners-up

21 Mc	W5LGG	66,444
14 Mc	K2IEG	134,928
7 Mc	K2DGT	134,820
3.5 Mc	W1BU	5,104

Number groups after call letters denote the following; Bando (A-all), final score, number of QSO's, Zones and Countries. Certificate winners are listed in bold face.

SINGLE OPERATOR North America

United States

K1JTC	A	337,208	484	84	160
K1RTB	"	144,690	283	68	127
W1JYH	"	113,524	226	69	133
W1WAI	"	97,811	227	58	99
W1FZ	"	48,831	142	41	82
W1EZO	"	13,800	68	27	65
W1PLJ	"	598	12	11	12
W1WY	21	60,734	228	27	70
K1MOD	"	36,408	172	22	52
W1OJR	"	33,915	144	26	59
W1UJK	"	7,350	58	19	31
K1JYN	"	3,535	37	14	21
W1BTH	14	142,374	414	36	86
W1GYE	"	87,840	256	34	86
K1MLI	"	52,788	177	35	71
K1PNN	"	13,668	72	21	47
K1NHR	"	7,700	55	19	36
W6KVF/1	7	14,617	108	15	32
K1DIR	"	11,139	85	15	32
W1NJL	"	6,533	51	18	29
W1BU	3.5	5,104	45	17	27
W2BXA	A	382,799	533	81	162
K2DCA	A	277,632	403	83	158
W2AGW	A	250,632	390	80	156
W2EQS	"	174,000	284	97	153
W2GUM	"	123,648	269	52	109
W2CYS	"	118,650	239	57	118
W2JAE	"	117,279	274	61	96
W2A2JD	"	108,996	223	68	118
W2LV	"	106,704	226	63	108
W2DEW	"	96,264	218	66	102
W2OBX	"	82,764	181	63	108
K2GHH	"	71,916	175	59	97
W2YTH	"	54,800	148	46	91
W2OKM	"	31,512	108	40	61
W2A1EK	"	26,992	94	45	67
W2FXN	"	26,775	93	39	66

W2BHM	"	23,230	90	40	61
K2BSM	"	17,216	90	23	46
W2GKZ	"	13,515	62	36	49
W2AIKL	"	10,488	71	19	47
K2TQC	"	7,808	48	26	35
W2GT	"	7,345	44	27	38
W2BO	"	4,664	38	17	27
W2TP	"	920	16	10	10
K2HWL	28	7130	62	17	29
W2WHDH	"	1010	17	10	13
K2YFE	"	200	16	5	5
W2WZ	21	77,910	286	28	70
W2LAX	"	45,504	171	28	68
W2GZZ	"	14,874	79	22	45
W2DJT	"	12,705	77	18	37
WV2QHE	"	1,311	23	5	14
K2IEG	14	134,928	340	36	108
K2UVU	"	95,634	270	36	90
W2LPE	"	78,430	247	32	78
W2PCJ	"	48,970	139	33	85
K2EAC	"	38,896	161	28	60
K2ECL	"	31,428	135	22	59
K2QHL	"	30,874	127	29	57
K2AAC	"	9,858	60	19	43
W2JB	"	1,323	21	12	15
K2DGT	7	134,820	445	32	73
W2AQT	"	4,960	45	14	26
K2KFP	3.5	3,485	37	18	23
W3GRF	A	622,506	620	118	241
W3EIV	A	221,343	314	96	171
W3MSR	"	190,244	306	93	146
W3TMR	"	154,037	256	78	143
W3VKD	"	19,500	90	25	50
W3AEL	"	15,192	81	29	43
K3MZY	"	11,154	71	30	37
W3FDH	"	10,295	61	24	47
W3AYD	"	7,688	46	25	37
W3JO	"	7,552	47	22	37
K3NZV	"	5,841	35	25	34
W3UHN	"	2,541	27	12	21
W3BKE	"	1,340	32	14	23
K3OWE	"	650	15	12	13
W3LSG	21	59,925	248	26	59
W3OQL	"	25,662	118	24	54
W3JTC	14	117,652	306	35	99
W3DAO	"	55,438	196	34	72
W3QZ	"	19,116	87	27	34

K3AIG	"	12,834	77	24	38
W3WV	"	3,320	32	20	20
W3KQD	"	210	10	7	7
W3YHR	"	24	2	2	2
W3KFG	7	105,930	344	32	75
W3MCG	7	546	13	5	9
W4KFC	A	645,663	635	121	252
W4YHD	A	544,504	584	121	225
W4DZH	A	464,002	545	103	219
W4YWX	"	126,519	247	66	115
W40M	"	96,693	201	53	114
W40PM	"	85,330	193	57	104
W4BJ	"	80,235	160	54	81
K4BAI	"	75,852	188	56	91
W4CKD	"	73,698	177	65	108
W4LRV	"	42,090	165	48	74
W4ZM	"	35,750	104	43	67
K4MXF	"	27,450	94	53	69
W4GF	"	19,364	82	39	55
K4ORQ	"	17,316	88	31	47
W4QCL	"	12,495	56	34	51
W4JL	"	8,584	57	22	36
W4QVJ	"	6,804	46	21	33
W4QMW	"	4,958	43	31	36
W4ADQM	"	3,760	28	21	26
K4WUY	"	3,698	35	16	27
W4HOS/4	"	1,200	15	15	15
W4JAT	21	42,688	168	28	64
W4VZB	"	25,228	129	21	47
W4EEO	"	6,612	40	21	37
W4SNU	"	5,264	44	17	30
W4ZYQ	"	1,932	23	18	69
W4NYF	14	6,800	61	19	31
K4SXT	"	4,512	45	20	27
W4SSU	7	9,450	62	21	42
W4ZYS	"	1,485	21	13	14
W4ZOK	"	1,150	21	9	14
K4LGI	3.5	3,700	43	17	20
W4SHJ	"	1,650	30	14	16
W4WHK	"	1,500	25	13	17
W5WZQ	A	226,500	329	95	155
W5BUK	"	46,665	124	63	90
W8RPF/5	"	10,101	57	44	47
K5VTA	"	2,632	25	22	25
K5BAJ	"	54	6	5	4
W5LGG	21	66,444	211	35	78

W5EHY	..	"	3456	35	13	23
K5YNA	..	"	3358	32	20	26
K5UYF	..	"	1140	20	8	11
W5KC	..	14	32,643	137	31	62
W5BOS	..	14	25,398	125	28	55
W5PMM	..	"	15,504	79	27	41
W5EJT	..	3.5	416	15	7	9

W6IRD	..	A	247,520	388	98	140
W6TZO	..	A	147,947	295	81	116
W6GRX	..	"	88,357	213	57	92
K6BWV	..	"	76,580	199	55	85
W6ERS	..	"	50,336	166	54	67
W6CBE	..	"	48,720	152	49	67
K6IEC	..	"	37,065	127	43	62
W6QDE	..	"	23,205	105	38	47
W6FKZ	..	"	10,200	62	25	35
W6ISQ	..	"	8840	63	25	27
W6DCC	..	"	7524	51	34	32
W6NEX	..	"	7095	47	24	31
W6BIL	..	"	6519	46	24	29
W6ID	..	"	5250	43	24	29
W6CLZ	..	"	4181	43	17	20
K6PJT	..	"	3960	39	15	21
W6AKJ	..	"	2156	34	9	13
W6BSY	..	21	25,416	127	24	48
W6TMM	..	"	23,595	142	25	40
W6SBO	..	"	3168	40	15	18
W6EPZ	..	14	85,910	249	34	87
W6GHH	..	"	80,704	269	33	71
W6AFI	..	"	47,005	197	29	56
K6LEL	..	"	45,299	167	30	67
W6CYI	..	"	33,418	146	24	53
K6PDA	..	"	27,643	144	22	55
W6AGYF	..	"	1260	18	12	16
K6VTA	..	7	65,136	256	32	60
W6UEJ	..	"	15,400	108	22	28
K5TER/6	..	"	9248	104	14	18
W6ADNM	..	"	609	13	11	10
K6EIV	..	3.5	7410	106	17	22
W6BYB	..	"	6253	70	16	21
W6FOZ	..	"	4716	53	17	19
K6BPR	..	"	3193	45	13	18
W6NKR	..	"	2370	34	14	16

W7PQE	..	A	115,596	262	72	97
W7POU	..	"	11,940	67	27	33
W7BAJ	..	"	3626	34	24	25
W7VY	..	14	85,284	288	33	70
W7PGS	..	"	59,073	203	29	68
K7MYR	..	"	16,200	117	20	34
W7CAB	..	"	7680	69	16	24
W7BTH	..	"	5400	49	20	25
K7JCI	..	"	3584	45	10	18
W7DLR	..	"	3534	38	15	16
K7CAD	..	3.5	544	17	8	9
K7EKD	..	1.8	24	13	3	3

W8JIN	..	A	103,125	297	41	84
K8RNM	..	"	46,368	156	47	77
W8KSR	..	"	33,109	111	47	66
W8IGS	..	"	28,012	104	34	60
K8LJR	..	"	25,452	99	39	62
K8VIX	..	"	17,460	113	37	53
W8KC	..	"	12,444	75	26	35
K8HTM	..	28	15	4	3	2
W8TTN	..	21	23,857	117	23	48
W8UMR	..	"	20,860	106	21	49
W8RTF	..	"	12,139	74	23	38
K8NMG	..	"	5880	54	16	26
W8SA	..	14	36,860	167	30	65
W8FEX	..	7	102,399	332	32	75
W8VSK	..	"	8512	60	21	35
W8KIA	..	3.5	1150	20	12	13

W9RQM	..	A	115,520	225	65	125
W9GLH	..	"	5590	45	23	27
W9GMS	..	"	2451	24	21	22
W9YDG	..	"	1419	22	16	17
W9YTG/9	..	"	240	8	5	7
W9GIL	..	21	31,950	142	24	51
W9VXO/9	..	"	28,314	131	25	53
K9LIO	..	"	17,152	99	22	42
K9YOE	..	"	15,309	88	23	40
W9DWDQ	..	"	13,769	99	16	33
K9TZH	..	"	11,307	72	22	39
W9LKI	..	"	4588	42	14	23
W9IU	..	14	71,390	240	30	80
W9IRH	..	"	57,873	226	30	71
W9ZTD	..	"	40,388	176	28	64
K9UHH	..	"	22,436	105	26	53
W9EGQ	..	"	5922	49	19	28
W9WNV	..	7	146,510	399	35	95
W9AIV	..	"	30,324	139	31	53
W9HUZ	..	"	24,948	108	31	53
K9WTS	..	"	2205	31	15	20
K9MMS	..	"	1014	19	12	14
W9PNE	..	3.5	3040	47	17	21
W9PWU	..	"	3026	56	16	18

W0DAE	..	A	75,843	187	66	93
W0BTD	..	"	43,566	125	60	77
W0GUV	..	"	21,854	88	42	56
K0JPL	..	"	817	48	16	19
W0MXX	..	21	18,005	101	24	41
K0LFY	..	"	13,701	78	25	46
K0DQI	..	14	38,456	162	28	60
W0UAF	..	"	5123	40	15	32
K0THN	..	"	3344	46	17	21

Alaska						
KL7JDO	..	A	96,590	357	56	74
K2BBY/KL7	..	"	92,004	344	42	60
K0BYC/KL7	..	"	13,860	102	21	24
W1EJT/KL7	..	14	24,832	137	20	44

Canada						
VE1AE	..	14	4386	50	9	25
VE2YU	..	A	117,320	258	78	120
VE2ZFC	..	21	2,652	47	9	17
VE2NV	..	14	57,120	209	31	71
VE2BV	..	"	16,354	91	26	48
VE3BOG	..	A	60,060	223	64	76
VE3BES	..	"	30,740	116	39	67
VE3PV	..	21	3034	28	15	22
VE3BMB	..	21	7889	62	18	31
VE3AGX	..	3.5	4636	82	17	21
VE4X0	..	A	28,906	114	34	63
VE4KZ	..	"	1530	60	15	11
VE5KY	..	14	1848	51	12	10
VE6HG	..	A	14,508	121	32	30
VE7TP	..	14	5130	50	15	23
VE7BFN	..	A	1408	44	13	14
VE8RX	..	A	50,456	258	42	64
VE8DM	..	14	13,497	312	14	19

Canal Zone						
KZ5TD	..	A	54,864	213	65	79
KZ5LC	..	14	54,038	420	25	57

Costa Rica						
TI2WA	..	21	20,520	232	20	34

Cuba						
CO2CT	..	A	650	63	7	3

Greenland						
KG1FD	..	A	133,215	778	43	64
KG1AA	..	"	67,252	575	35	51
OX3UD	..	14	3880	173	9	11

Puerto Rico						
KP4AA0	..	A	85,995	528	50	65
KP4CC	..	"	12,636	210	23	39

Africa

Algeria						
FA8RJ	..	A	110,894	218	63	115

Angola						
CR6DA	..	A	7560	76	17	19

Congo, Rep. of						
9Q5AAA	..	A	95,230	392	46	43
SM5ARQ/9Q5	..	14	20,374	125	23	38

Guinea, Rep. of						
7G1A	..	A	1,177,893	1536	79	182

Liberia						
EL4A	..	A	5313	77	8	15

Libya						
5A1TW	..	A	353,007	654	76	107

Madagascar						
5R8AD	..	14	18,786	114	24	38

Morocco						
CN8EU	..	21	60,146	332	19	42

Mozambique						
CR7IZ	..	A	62,910	281	39	51
CR7CI	..	"	432	17	5	3

Nigeria						
5N2LKZ	..	A	777,155	1282	63	142
5N2JKO	..	"	437,338	733	66	140
5N2RDG	..	14	32,793	238	19	32

Rhodesia, No.						
VQ2W	..	A	200,200	457	58	96
VQ2JG	..	"	15,249	89	29	40

Rhodesia, So.						
ZE7JV	..	A	210,446	515	48	91
ZE3JO	..	"	21,225	106	27	48
ZE4JS	..	14	27,850	208	21	29

South Africa						
ZS6IW	..	A	110,556	352	37	74
ZS1ACD	..	"	3094	92	7	7
ZS10	..	"	986	22	8	9
ZS2U	..	"	798	22	10	11
ZS6APQ	..	21	74,808	354	25	47
ZS6DZ	..	"	18,825	255	8	17
ZS2HI	..	14	219,034	642	35	83
ZS6IF	..	"	122,944	379	33	80
ZS5AM	..	"	27,142	119	29	53
ZS5UP	..	"	8736	65	19	37

Spanish Guinea						
EA0AB	..	14	260	13	5	8

Swaziland						
ZS7M	..	14	33,040	172	25	45

Tanganyika						
5H3HZ	..	A	53,010	206	37	56

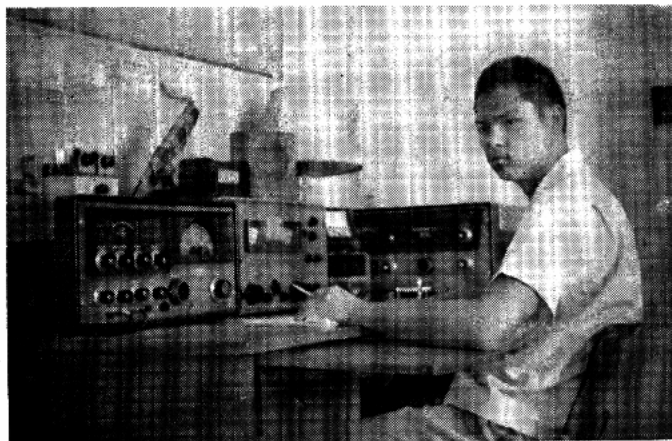
Asia

Aden						
VS9AAC	..	A	272,049	545	56	121

Burma						
XZ2TH	..	14	31,491	174	29	54

Hong Kong						
VS6DS	..	14	8464	98	19	27

India						
VU2NR	..	14	76,400	290	31	69
VU2AJ	..	"	63,984	309	31	55
VU2CK	..	"	35,113	203	26	47
VU2GG	..	"	4465	47	18	27
VU2TH	..	"	960	16	13	12



KW6DG—The big signal from out in the Pacific. Layne came mighty close to winning the All-Band Trophy. In the future he will be signing KØSLD.

Kazakh				
UL7KAA	38,036	216	26	48
UL7KBA	21,600	170	15	33
Kirghiz				
UM8KAA	230,202	645	45	102
UM8KAB	35,510	293	21	46
Tadzhik				
UJ8KAA	239,940	536	55	125
Turkoman				
UH8KAA	70,408	445	31	73
Uzbek				
UI8KAD	169,974	398	55	116
UI8KAA	71,040	308	30	66

Europe

Bulgaria				
Club Stations				
LZ1KSV	452,782	960	81	161
LZ1KBA	407,130	848	69	177
LZ1KSZ	358,581	817	75	192
LZ1KNB	260,538	846	55	118
LZ1KBD	140,361	568	47	136
LZ1KDP	75,255	389	41	104
LZ2KWR	50,882	429	26	77
LZ2KRS	10,332	217	8	34

Czechoslovakia

Club Stations				
OK2KJU	265,306	650	61	157
OK3KAB	175,392	617	65	159
OK2K00	80,660	363	48	100
OK2KGV	71,724	472	31	108
OK1KPR	48,762	310	39	90
OK3KAS	46,964	303	33	85
OK1KFG	12,986	291	7	36
OK2KAJ	4554	139	5	28
OK1KSL	3478	68	11	28
OK2KVI	1872	88	5	22
OK3KHE	1775	95	4	21
OK2KEZ	1235	89	5	14

Denmark

OZ70F	26,010	271	20	70
(OZ70F, EX, YH)				

Finland

OH5AC	100,082	423	46	117
(OH5SN, QN)				
OH2AA	96,960	334	52	140
(OH2LP, KH, KK, SB)				
OH6AA	57,912	290	43	84
(OH60P, OY, PJ, SU)				

Germany

DJ2XP	267,264	587	74	182
(DJ2XP, DJ7IK)				
DLØFT	127,887	384	50	91
(DL1GW, HA, HH, 3XZ, DJ2YY, DJ5HL)				
DJ2JE	88,404	302	48	91
(DJ2JE, 5LE, DL3YQ, 9VN)				
DJ4FZ	59,875	272	36	89
(DJ4FZ, SO, 5AW, 6TK)				
DLØLL	52,576	272	39	85
(DJ1TT, 3IW, 5AV)				
DLØIB	31,680	162	40	70
(DL3ZH, 6FG, TQ, 9JJ)				
DL9YP	30,900	238	28	72
(DL9YP, DJ1TY, 4AN)				
DL5BR	115,580	416	47	101
(DL4AA, AN, 1G, LU, DL5BH, DQ)				

Hungary

Club Stations				
HA1KSA	143,934	649	48	101
HA5KFR	40,560	489	17	43
HA3KMF	8165	130	23	48
HA6KVB	5883	103	14	39

Netherlands

PI1PT	50,882	292	28	75
(Club Station)				

Norway

Club Stations				
LA1H	90,965	468	34	79
LA1K	18,486	192	20	58
LA9K	11,505	183	14	45

[Continued on page 104]

South America

Argentina				
LU5AQ	A	74,200	274	43
LU5ABL	14	8008	54	23

Brazil				
PY1ADA	A	398,936	724	66
PY4GA	21	105,616	444	25
PY40D	14	188,468	512	36
PY2VB	"	7366	46	24
PY4FP	7	12,204	129	13

Chile				
CE1AD	A	262,950	611	64
CE2OF	"	22,264	170	23

Colombia				
HK7BE	A	46,276	333	24
HK7ZT	"	43,125	214	35
HK3AH	"	19,872	161	21
HK7YC	"	1296	30	9
HK1AAF	14	150,728	610	30

Ecuador				
HC1AGI	A	460,782	988	65

Netherlands Antilles				
PJ2AE	A	33,766	196	28

Paraguay				
ZP9AY	A	27,880	232	21

Uruguay				
CX2CO	A	856,416	1112	94
CX1RY	"	136,160	417	48
CX7CO	"	51,192	228	38
CX2BT	"	38,428	250	16
CX1FB	"	19,971	113	35
CX1OP	"	434	19	7
CX9AJ	28	4470	55	14
CX1BZ	14	1848	30	11

Venezuela				
YV5DE	A	246,648	647	51
YV5AGD	"	139,248	337	60
YV5AK	14	21,525	178	16

MULTI-OPERATOR Single Transmitter North America

United States				
WS5AZB	87,500	187	68	107
(WS5AZB, OSJ, OSW)				
K7ADL	57,132	201	46	62
(K7ADL, W7TML)				

W8NGO	76,960	235	43	87
(W8NGO, K8YEI)				
W9YT	208,302	341	90	143
(K9ELT, W9SZR)				

Alaska				
KL7BCW	90,727	659	35	56
(KL7BCW, BJW)				

Canada				
VE3BWW	30,192	112	49	62
(VE3BWW, EWY)				
VE4JB	23,460	171	23	28
(VE4JB, 4MF)				

Africa

Kenya				
VQ4RF	431,538	711	68	145
(VQ4RF, DT, DW)				

Asia

Japan				
JA2YAB	42,316	220	34	37
(Club Station)				
KA2MA	77,988	417	26	41
(K2JOZ, K3PAG)				

Saudi Arabia				
HZ1AB	73,710	242	36	69
(W1TYQ, W8GCN)				

U.S.S.R. Club Stations

Asiatic				
UAØKZA	148,887	812	26	45
UA9KQA	143,412	375	43	105
UAØKJA	69,290	495	26	39
UA9KOA	67,304	423	44	50
UA9KAG	51,378	375	37	92
UAØKDA	13,452	224	19	19
UAØKYA	12,720	139	17	31
UAØKCA	9310	141	20	18
UAØKKM	7480	122	16	24
UAØKUA	7330	107	22	27
UAØKSB	3861	65	10	17

Armenia				
UG6KAA	96,733	381	23	67

Azerbaijan				
UD6KAB	70,788	266	30	72

Georgia				
UF6KAE	64,824	326	17	56

