Phone Section Results

CQ's 1951 DX Contest

HERB BECKER, W6QD and ANDY ELSNER, W6ENV

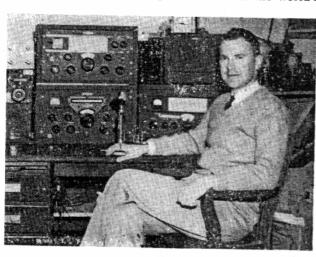
The final results of the 1951 World Wide DX Contest, Phone section, are being given. Results of the CW section will be run in the October issue. Although conditions were not of the best (a slight understatement) participation was greater and average scores higher. We can't help conditions that happen to prevail and we cannot have the contest "just any ol' time you and we might want." Anyway, judging from the comments sent in with the Contest logs it appears this type of a contest is much appreciated not only from the Ws' point of view but the foreign operators too. In fact just take a peek at the number of real choice foreign stations who participated . . . as well as the quantity of overseas boys. After all, we would guess that is what you want . . . a contest where there is DX.

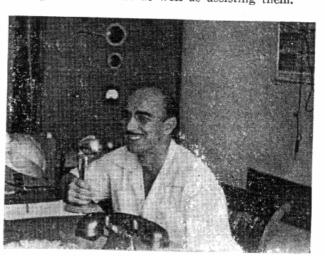
For those who are statistically minded I suppose some high scores set forth might prove of interest. In the Multiple-operator section MI3US, the Radao Marina Amateur Radio Club, with several operators ran up 156,128 points and they had a lot of fun doing it. Next HC2JR, John Reed with the help of his wife Teresa, HC2TR, with 147,630. G2AJ assisted by G3DAH, wound up with 96,120 while W6RRG assisted by W6NIG scored 69,832. These are all band scores.

In the single operator section we must make special mention of CE1AJ, Ida Fish. She concentrated on 28 mc. scoring 61,965 points which is the world's

highest single band entry for this band. This year the world's highest all-band score belongs to PY2CK with 251,664 points. Some of the others from various sections of the world are MD2AM 209,802; VQ4RF 200,567; VP6SD 153,032; EA3HE 143,424; W4ESK 126,723; KH6IJ 107,202; CT1QG 99,345; F7AR

Every now and then a few of the boys think too much publicity is given the high point men. There are a couple of ways of looking at it. In all hobbies or games, the man who scores the highest number of points, or comes out ahead, naturally attracts, and deserves, a large amount of attention. We would be sadly neglectful if we didn't recognize it. On the other hand there are many countries whose ham population is very small. When a DX contest comes along it is important that these countries, with few DX men, be represented. In many cases only one DX station shows up. We all know it is fellows like these that give us much sought after multipliers, or in short help make a contest a success. I might mention a few of these stations who sent in logs . . . HC2KB, VP4LZ, EA6AR, TF3SF, 3A2AG, LX1JW, 9S4AX, FA3JY, OQ5DZ, EA8AX, ZE4JC, ZS3M, EAØAC, EA9AR, ZS7C, XZ2SY, JY1XY, AC3SQ, AC3PT and TA2EFA. There are, of course, many more. Some of these out of the way DX stations were mailed log sheets and contest rules in advance thus serving as a reminder as well as assisting them.





W4ESK (left) made an all band score of 126,723 point which was tops in U. S. A. This score was made in spite of certain neighborhood difficulties. The transmitting setup uses a pair of 250THs on all bands except 20, this band taking advantage of a pair of 833As. Modulators are 304TLs. For antennas we find a 3 element for 10 meters perched 100 feet in the air, while at the 90 foot level is a 20 meter array, also 3 elements. A half wave doublet is used on 80 meters. . . . PY2CK (right) ran up the highest score with 251,664 points. He uses a pair of 810s with 1000 watts input. Receivers are HRO-5TA and NC-240D. On 10 meters a 4 element rotary does a good job while a 3 element affair is used on 20. For 40 meters it is a zepp-

SEPTE



CTIQG a 4 ele Receiver Three se 80. Ante Hs on 2

Countrie will show Certificates Contest Ru are shown

United Stat

14 mc.

Canada All Bands

Alaska All Bands

Denmark All Bands

Ecuador

England All Bands

nd. This year gs to PY2CK from various ,802; VQ4RF 424; W4ESK),345; F7AR

ys think too men. There n all hobbies thest number attracts, and Ve would be it. On the whose ham ontest comes es, with few only one DX fellows like ultipliers, or might menin logs . . . IG, LXIJW, 4JC, ZS3M, Y, AC3SQ, ourse, many tations were dvance thus g them.



as made in bands exwe find a array, also score with 0D. On 10 is a zepp.





CTIQG (left) finished up with 99,345 points on all bands. He runs 200 watts into a pair of HF-200s. On 10 a 4 element rotary is used while on 20 he uses a 3 element array. A long wire is used on 40 and 80. Receiver is Sondyna E506 with preselector.... G2AJ (right) assisted by G3DAH scored 96,120 points. Three separate final amplifiers were used; a pair of 35Ts on 10 and 20, 811s on 40, and a pair of HK54s on 80. Antennas in use were grounded planes for 40 and 80, a 270 foot long wire for all bands, 3 Lazy Hs on 20, and a 3 element rotary plus a 6 element curtain on 10. Receivers were an AR88 and an SX28.

Countries in which there has been only one participant will show the score under the All-Band section only. Certificates will be awarded in accordance with the Contest Rules, and those stations receiving certificates are shown in bold face type.

PHONE SCORES

Multiple Operator Stations

	United Stat	STATION	ZONES	COUNTRIES	SCORE	ŀ
į.	All Bands					
	All Bands	W6RRG (W6NIG)	48	68	69,832	
CONTRACTOR OF THE PERSON OF TH		W6AM (W6KPC	40 & W6UQQ)	65	57,435	
		W8NGO (W8CLR)	33	57	19,980	1
	14 mc.	W6CYI (W6TZD,	25 W6BPD & W	46	35,216	
		WERRG	24	41	25,405	Ĺ
		W6AM (W6KPC	23 & W6UQQ)	40	23,247	
		W6YX	23	40		
				40 HT & W60UU	18,081	
		W8NGO	17			
		(WSCLR)	17	36	7,579	
	C1	(WOCLK)				
	Canada					
	All Bands	VE4RO	35	47	18,532	
		(VE4LC)			,	
	Alaska					
	All Bands	KL7AEN	14	24	4.00-	
			KL7ADR & KL	7406)	4,902	
	Denmark		KEYADK & KL	./ACS)		
	All Bands					
	An Banus	oz9ws	21	66	22,620	
		OZ2PA &	OZ4KX)			
	Ecuador					
	All bands	HC2JR (HC2TR)	40	74	147,630	
	England					
	All Bands	G2AJ				
	- Dullas	(G3DAH)	52	128	96,120	
		GSTN				
		(G3AWZ)	30	75	47,250	
	3.5 mc.	G2AJ	_			
	and,	GSTN	6	20	1,352	
	7 mc.	G2AJ	3 .	12	360	
	·		6	21	1,296	
	14 mc.	G5TN	3	6	72	
	2 4 mg,	G5TN	24	57	33,858	
	28 mc.	G2AJ	23	56	22,357	
	-co me.	G2AJ	17	31	7,248	

Eritrea	STATION	ZONES	COUNTRIES	SCORE
All Bands	MISUS	39	97	156,128
Finland	MISEX, NA	, DW, N.	J, JV, SL, R	H & RR)
All Bands	ОНЗОХ (ОНЗОВ. ОН	30K 0H	31 3QL & OH30	3,367
Hawaii				S(MI)
All Bands	KH6WO/KH6	EO, AGB.	AGX. AN	20,790 AS, DQ,
Italy	, QN, OS,	PA, RU,	TD, WU &	ADY)
All bands	IIBDV (IIARP)	32	91	60,024
Marianas Is	lands			
All bands	(6 operators)	35	55	46,080

		(6 opera	tors)		
1	NORTH	AMERIC	CA—		
		c· 1			
		Single	Operator	Stations	
Į	J.S.A.		•		
	All Bands	WIATE	51	116	114,562
		W10DW	8	13	
	All Bands	W2WZ	19	44	672 12,285
		W2HCW	21	32	7.579
		W2ATE	5	11	416
	3.5 mc.	W2HCW	4	3	133
		W2ATE	1	2	3
	14 mc.	W2WZ	17	42	11,269
		W2VWN	17	40	9,063
		W2HCW	12	24	3,996
		W2KZE	15	22	2,405
		W2ATE	4	9	325
	28 mc.	W2HCW	5	5	130
		W2WZ	2	2	16
	All Bands	W3D0E	34	75	62,130
		W3LXE	16	32	3,840
		W3MFW	9	12	420
	3.5 mc.	W3LXE	2	2	720
	14 mc.	M3D0E	22	55	35,035
		W3BET	10	25	3,185
		W3LXE	10	25	2,520
		W3MFW	8	11	361
	28 mc.	W3D0E	12	20	3,680
		W3PQD	10	12	1,056
		W3ZQ	12	15	943
		W3LXE	4	5	63
		W3MFW	1	1	2
	All Bands	W4ESK	50	109	126,723
	3.5 mc.	W4ESK	5	4	72
	14 mc.	W4ESK	26	64	50,850
		W4PJU	18	35	5,721
		W4HA	12	25	2,701
		W4TO	5	10	450
					-30

	STATION	ZONES	COUNTRIES	SCORE					
28 mc.	W4ESK	19	41	13,440		STATION	ZONES	COUNTRIES	SCORE
	W4QBK	17	31	5,520	All Band	WSPM	12	10	506
	W4TAV	10	11	798	All Ballu		47	81	35.840
All Band		22	44	8,778	3.5 me.	W9EWC	43	80	35,301
	W5KC	24	37	5,734	3.5 me.	W9RBI	8	7	360
3.5 mc.	W5KC	1	2	6	14 mc.	W9EWC	7	5	348
14 mc.	W5ZD	14	28	3,864	A- IIIC.	W9RBI	23	45	11,220
	W5KC	14	26	2,760		W9EWC	22	44	10,362
	W5AWT	5	7	156	20	W9EZD	11	14	975
28 mc.	W5ALB	17	32	5,047	28 mc.	W9EWC	14	31	4,545
	W5RDC	19	25	3,828		W9RBI	16	29	4,095
	W5SFW	16	24	3,040	A44	W9BWM	10	11	588
	W5ZD	8	16		All Bands		21	31	5,512
	W5MJD	10	14	984	14 mc.	WØANF	18	29	4,136
	W5KC	9	9	720		WØTKX	15	23	2,850
All Bands	W6HX	43	66	414		WØDCB	9	13	704
	W6B10	24	33	50,467	28 mc.	WØGEK	17	25	
	W6CHV	27	32	7,581		WØDCB	12	18	3,738
	W6TJN	14	15	7,493		WØIUB	9	12	2,220
3.5 mc.	W6HX	4	3	1,508	Canada			**	567
14 mc.	W6UYX	25	36	98	All Bands	VE1CR			
	W6HX	23	37	21,655	All Bands	VE2IZ	24	34	8,874
	W6BJU	16	23	16,020	riii bunus		23	32	4,785
	W6CHV	16	20	3,549	3.5 mc.	VE2CK	12	18	1,500
	W6TJN	8		3,060	14 mc.	VE2IZ	4	4	176
28 mc.	W6HX	16	8	512	1 mc.	VE2CK	10	16	1.274
	WECHV	11	26	7,644	28 mc.	VE21Z	10	15	950
	W6BJU	8	12	966	ZG IIIC,	VE2IZ	9	13	594
	W6TJN	6	10	756	All Bands	VE2CK	2	2	4
All Bands	W7DL	28	7	260	All Bands	VESBNQ	25	38	9,198
	W7HAD	18	40	17,884	3.5 mc.	VE3HB	23	38	7,747
	W7PQE	6	17	3,465	14 mc.	VE3BNQ	2	2	60
3.5 mc.	W7DL	5	6	336	A + mc.	VE3KF	20	51	16.472
	W7HAD	4	4	189		VE3HB	9	16	1,150
	W7PQE	2	3	105		VE3QA	9	15	936
14 mc.	W7DL	23	2	8	28 me.	VE3BNQ	6	7	182
	W7HAD	11	36	14,278	48 mc.	VE3DGZ	13	31	6,952
	W7JUO	10	11	1,716		VE3BNQ	17	29	5.382
	W7LNG	5	10	420		VE3AKL	14	22	4.032
	W7PQE	4	5	260	All Bands	VE3HB	14	22	2,916
28 mc.	W7AHX	17	4	208	3.5 mc.	VE4TJ	18	21	1,716
	W7OUT	16	19	3,132	14 mc.	VE7VT	5	4	180
	W7HAD	3	21	2,664	T→ IIIC.	VE7VO	20	33	11,236
All Bands	W8JIN	48	a 3	36	28 mc.	VE7AIH	17	20	4,107
	W8LIO	28	93	55,554	20 mc.	VE7MS	17	21	3,268
	W8FJR	28 27	60	39,600		VE7YR	12	12	1,176
3.5 me	Wauks	9	37	6,528	Alaska				1,176
	W8JIN	_	9	2,052	All Bands	KL7UM			
	W8LIO	7 4	6	234		KL7MF	17	20	4,366
	WSFJR		3	49		KL7NXI	11	12	966
14 mc.	W8LIO	2	2	4	3.5 mc.	KL7NXI	9	8	357
	W8JIN	24	57	35,883		KL7MF	4	4	128
	W8GOB	22	57	22,357	14 mc.	KL7MF KL7UM	3	3	30
	W8FJR	18	41	13,334		KL7MF	8	11	1,482
28 me.	WILSW	8	14	902		KL7MF KL7NXI	4	4	184
	W8FJR	19	30	4,557	28 mc.	KL7UM	4	з.	105
		17	21	2,280		KL7MF	8	8	640
							4	5	126

HB9LA (left) worked all bands and wound up with 51,696 points. All equipment at HB9LA is home built and the receiver uses 20 tubes, double conversion, 3 r-f stages, 5 i-f stages and built-in select-o-ject. In the transmitting department a single 813 is used with 250 watts input. Antenna for 80 and 40 is 41 meters long, east-west. On 20 a folded dipole, north-south 25 meters high, does the job. A bit of tough luck was experienced on 10 as he discovered a short in this vertical, 3 days after the contest... MD2AM (right) with 209,802 points on all bands appears to be in No. 2 spot in the world. At present John is a MARS operator at KIFAJ. While in Libya his rig consisted of an HT-18 driving an 813 with about 150 watts input. Receiver was a 75A1. For antennas he had 3 element beams with a 10 over 20.





W3E of 4 elem Cypi

is tw

195

Baham All E Barbac All E Costa All b 14 m

All b

28 m

Cuba

Green!

Mexico All B 14 m 28 m Nicarac All Ba

Puerto
All Ba
Swan Is
. 28 Imc
Turks &
14 mc

SOUTI

Argentin All Bar 7 mc. 14 mc.

Brazil All Ban IES SCORE 506 35.840 35,301 360 348 11,220 10,362 975 4,545 4,095 588 5,512 4.136 2,850 704 3,738 2,220 567

. -....

8,874 4,785 1,500 176 1.274 950 594 9,198 7,747 60 16,472 1,150 936 182 6,952 5,382 4,032 2,916 1,716 180 11,236

4,107 3,268 1,176

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In the
meters
igh luck
(right)
MARS
0 watts







W3DOE (left) worked all bands and came up with a score of 62,130 points. Transmitter winds up with a pair of 4-250As and a Kw., driven by a 310Bl. Receiver is a 75A-1. The antenna is a dual band rotary, 3 elements closed-spaced on 20 and 6 elements wide spaced on 10. Height is about 40 feet.... ZC4XP (right) Cyprus, scored 49,280 points on all bands. Rig at the time was a single 807 with 60 watts but now it is two 807s with about 130 watts input. Antenna in use was a center fed 67 foot wire about 33 feet above ground.

	STATIO	N ZONES	COUNTRIES	SCORE		STATION	ZONES	COUNTRIES	SCORE
Bahamas					14 mc.	PY2CK	28	69	61,110
All Bands	VP7NM	16	24	6,360		PY1AQT	18	25	5,289
Barbados				-,500		PY2AHS	19	21	5,040
All Bands	VP6SD	47	101	152 022		PY4CB	13	16	2,204
Costa Rica			201	153,032	28 me.	PY2CK	23	67	58,410
All bands	TI20E	30				PY2AH5	15	28	6,321
14 mc.	TIZOE	16	47	22,946		PY4CB	6	11	629
	TIZRAF		30	10,258	British Gu	ijana			020
28 mc.	TI20E	14	17 17	2,212	14 mc.	VP3YG	12	16	2 440
Cuba		**	17	2,325	Chile			10	3,416
All bands	COSSA				All bands	CE3HL			
14 mc.	COZOZ	23	30	11,501	All ballus	CE1CQ	36	51	28,884
	CO7BL	17	43	21,840	*	CE6AB	30	45	17,925
	COZIC	17	32	10,045	14 mc.	CESHL	28 22	41	17,871
	COSSA	13	22	4,865		CE6AB	11	30	13,832
28 mc.	COGOK	15	22	4,551		CE1CQ	6	11	880
	COSSA	15 8	19	3,978	28 mc.	CE1AJ	26	7	299
Gasarland	COOSA	6	8	1,504		CE1CQ	24	55	61,965
Greenland 14 mc.	04000					CE6AB	17	38 30	13,392
I III C.	OX3GD	6	15	3,990		CE3HL	14	21	10,293
	0X3WX	-	11	1,290	Colombia	0-01213	14	21	2,310
	охзаа	3	3	90	All Bands	HK4DT			
Mexico					14 mc.	HK1DZ	32	38	14,140
All Bands	XE1PY	36	65	51,106	1110.	HK4DT	19 21	41	31,180
14 mc.	XE1PY	10	18	2,744	28 mc.	HK1DW	11	28	7,889
20	XE1SA	6	9	255		HK4DT	11	14	3,800
28 mc.	XE1PY	26	47	29,784	E		11	10	861
Nicaragua					Ecuador All Bands	1100115			
All Bands	YN4CB	17	24	3,567		HC2KB	35	58	44,919
Puerto Rico	•			3,367	Paraguay				
All Bands	KP4KD	13	15		14 mc.	ZP1BL	5	6	220
Swan Island	1	***	15	1,372	Peru				
. 28 Imc.	KS4AQ				All Bands	OA4DW	37	55	22.000
		14	21	7,175		OA4AO	29	43	32,660
Turks & Cai		d				OA4AG	13	19	17,064
14 mc.	VP5BF	8	10	1,278	7 mc.	OA4DW	3	3	1,472 36
					14 mc.	OA4DW	19	32	10,863
COLUTE	===					OA4AO	16	25	6,068
SOUTH A	AMERIC	CA				OA4AG	10	16	1,199
					28 mc.	OA4DW	14	19	4,488
		_				OA4AO	11	16	2,403
	Single	Operator St	tations		Trinidad				-,403
	,	-	4110113		14 mc.	VP4LZ	9	14	
Argentina					Uruguay		•	14	6,555
All Bands	LU8CW	47	76	74,784	All Bands	CX2CO	~~		
7 mc.	LUSCW	4	7	99	14 mc.	CX2CO	37	58	57,665
14 mc.	LUSCW	24	33	12,369	28 mc.	CX2CO	17 20	20	8,103
28 mc.	LUGAX	7	8	405		CX2CN		38	22,504
~o me.	LU8CW	19	36	21,010		CX3BT	17 16	29	14,030
D 44	LU8BF	15	22	4,821	Venezuela	-71001	10	25	6,191
Brazil					Ali Bands	WIEDT			
All Bands	PY2CK	55	141	251,664	Sping 110	YV5BZ	32	56	61,336
	PY2AHS	34	49	22,659	3.5 mc.	YV5AC	38	65	45,320
_	PY4CB	19	27	5,198	7 mc.	YV5AC	3	4	462
7 mc.	PY2CK	4	5	45	/ mc.	YV5AC	4	4	80

YV5BZ

26,950

									LIVIDLI
	STATION	701150							
	YVSAC		COUNTRIES			STATION	ZONES	COUNTRIES	SCORE
	YVSCI	14	31	9,540		OZ7G	11	21	
	YV5AB	10	18	5,836	3.5 mc.	OZ7BG	2	10	1,188
28 mc.	YV5BZ	11	13	1,584		OZ7G	ī		216
-0	YV5AC	12	21	6,831	7 mc.	OZ7 BG	3	-3 4	16
=		17	26	6,536		OZ7G	1		28
EUROPE					14 mc.	OZ7BG	16	3	8
						OZ7HT	11	41	9,633
	Simula C	\ C.				OZ7SM	10	34	9,000
	Single C	perator St	ations			OZ6TJ	11	24	5,005
						OZ1SP	8	32	4,085
Austria						OZ7ML	- 3	14	1.056
All bands	OE5CA	25	61	23.650		OZ7G	4	12	270
14 mc.	OE5CA	15	47	14.322		OZ5TZ	4 5	11	255
	OE5YL	13	42	9.955	29 mc.	OZ5KP		5	200
	OE1BU	7	30		- 11101	OZ7BG	11	14	1,325
	OE6VS	4	19	3,922		OZ7G	8	12	760
	OE7FX	6	16	1.38		OZ6TJ	5	5	130
28 mc.	OE5CA	10		4		02613	2	2	20
	OE1LF	6	14	1,056	England				
Balearic Is		•	9	390	All bands	G2M1	13		
All bands					14 mc.	G2LS	23	27	2,880
	EA6AR	5	9	322		G2VJ	11	43	17,556
Belgium						G2AJB	8	37	7.296
All bands	ON4PJ	34	73	28,248		G2MI	7	24	2,112
	ON4SZ	32	72	24,336	28 mc.	G2MI	6	20	1,512
3.5 mc.	ON4PJ	2	10	460		~	6	7	208
	ON4SZ	1	2		Finland				
7 mc.	ON4PJ	4	13	3	All bands	OHINK	8	31	3,198
	ON4SZ	4	10	459		OH3NY	7	27	
14 mc.	ON4PJ	15	35	238		OHENR	5	12	2,040
	ON4SZ	14	36	6,900	3.5 me.	OH3NY	2	6	374
28 mc.	ON4SZ	13	24	5,850		OHENR	2	3	56
	ON4PJ	13		3,663	7 mc.	OHINK	3	9	10
Channel Is	lande	13	15	2,128		OH3NY	2	6	228
All bands	GC4LI				14 mc.	OHINK	5	22	40
		22	42	12,928		OH3NY	3	15	1,701
Czechoslov						OHSOB	3	9	864
All bands	OK1HI	24	55	16,195		OH6NR	3	9	252
	OK2BDV	18	37	6,215	28 mc.	OH2SE	8	12	240
	OKICX	8	13	357	France			12	780
2 -	OK1AW	. 6	9#	330	All bands	F7AR	4.0		
3.5 mc.	OK2BDV	2	8	160		F9RM	45	110	82,305
	OK1HI	2	8	150		F80D	15	46	8,479
	OKICX	2	3	15		F3FA	19	35	7.830
7 mc.	OK2BDV	3	10	286		F3PW	18	25	3,182
	OK1HI	3	9	192		F8BO	16 9	20	2,088
	OKICX	1	2	3	3.5 mc.	F7AR		21	1,110
	OK1AW	1	1	2		F9RM	2	12	350
14 mc.	OK1HI	12	30	6.426		F8BO	1	8	81
	OK1AW	5	8	273	7 mc.	F7AR	2	4	30
	OK1CX	3	6	108	,	F8B0	3	15	396
	OK2SL	2	6			F9RM	3	10	260
23 mc.	OK3IT	12	20	88	14 mc.	F7AR	1	7	64
	OK2BDV	13	19	2,784	1116.		26	64	37.350
	OK1HI	7	8	2,400		F9RM	11	28	4.407
	OK1CX	2	2	315		F80D	9	25	3,196
Denmark			4	4		F3FA	11	18	1.537
All bands	OZ7BG					F9ND	6	16	814
	OZOTJ	29		22,054		F3FC	3	9	180
	02013	13	34	4,700		F3PW	4	6	90
						F8BO	2 ·	5	42

EA3HE (left) wound up with an all band point total of 143,424. In the final an 813 is used with around 250 watts input. 3 element rotary beams are used on 10 and 20 while dipoles do the trick on the low frequency bands. Receiver is a Breting 12 (1935) with a homemade preselector... HC2JR (right), assisted by the xyl, Teresa, HC2TR scored 147,630 points. Transmitter is a 32V2, 100 watts, and the receiver a 75A2. The antenna setup consists of two 3 element beams for 10 and 20. On 40 they used a single wire fed half wave.







VP6SD (I an 813. A are on a Wait! W Hawaii a ing a ske

28 mc.

Germany All bands

3.5 mc.

7 mc.

14 mc.

28 mc.

Iceland All bands Italy All bands

7 me.

14 mc.

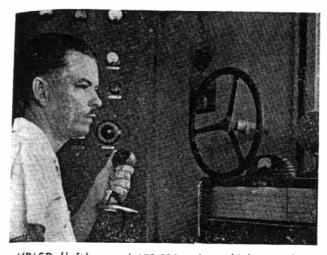
28 mc

1952

ound 250 frequency by the xyl, . The annalf wave.

180 90





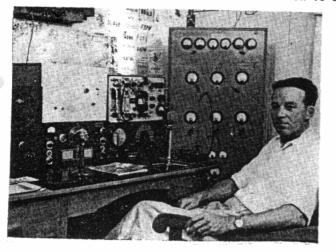


VP6SD (left) scored 153,032 points which was about double of his last year's score. Syd runs 500 watts into an 813. Antennas: 10 and 20 meters 3 element beams are used and now he has added one for 15 meters. All are on a 75 foot mast. Receiver is an Eddystone 680. . . . KH6IJ (right) scored 107,202 points on all bands. Wait! What about this picture? Is this in a DX contest? It happens that MGM was making a movie in Hawaii and the photo shows Esther Williams and Howard Keel of MGM at KH6IJ prosumably keeping a sked with home. (So says Kay). KH6IJ swears this was taken during contest and Esther was "halping." In spite of it he made 107,202 points. Hummph!!

28 mc.	STATION F8XP	ZONES 19	COUNTRIES 25	SCORE 5.060		STATION	ZONES	COUNTRIES	SCORE
	F7AR	14	19	2.277		IIAMU	5	7	204
	F3PW	12	14	1,274	Luxembourg				
	F80D	10	10	1.020	All binds	LX1JW	15	25	3.720
	F3FA	7	7	294	Monaco				
	F9RM	2	3	45	All bands	3A2AG	10	46	10,920
	F8BO	2	2	24	Neiherland				,
_		-	-	24	All bands	PAØVB	12	31	4 770
Germany			ie.			PAØJA	11	18	4,773
All bands	DL3D0	44	114	80,422	3.5 mc.	PAØJA	4	8	1,537
	DL1FK	46	99	44,370		PAØVB	2	4	204
	DL1FI	37	77	29,754	7 mc.	PAØVB	1	5	24 42
	DL1AU	33	79	28,336	14 mc.	PAØVB	9	22	
	DL7BA	26	65	14,560		PAØJA	7	10	3,100 612
	DL3VZ	24	43	10,050	Manus	,	•	10	612
2.5	DL1JY	6	11	391	Norway All bands				
3.5 mc.	DLIAU	2	15	459	14 mc.	LA7R	10	24	2,958
	DL3D0	2	13	360	± + mc.	LA7R	3	14	799
	DL1FI	2	13	300	20	LA5S	2	11	221
	DL1FK	2	6	56	28 mc.	LA7R	7	10	680
	DL7BA	2	7	54	Portugal				
7 mc.	DF3D0	5	19	1,344	All basids	CT1QG	50	129	99,345
	DL1FK	5	15	480		CT1FM	37	87	40,548
	DL7BA	3	13	368		CT1CC	15	42	6,897
	DL1AU	3	12	315		CTILP	17	38	6,600
	DL1FI	4	7	165		CT1MB	18	34	5,200
14 mc.	DL4WC	22	57	37,640		CT1TK	10	21	1,395
	DL3DO	23	57	26,960	3 5 mc.	CT1QG	3	12	270
	DL1FK	20	46	10,560		CT1LP	1	4	50
	DL1FI	18	39	9,177	7 mc.	CT1CC	5	16	630
	DL1AU	12	31	4,945		CT1QG	3	13	320
	DL7AD	9	28	2,590		CT1TK	3	9	180
	DL7BA	6	20	1,118		CT1FM	3	7	110
	DL3VZ	6	16	770		CT1MB	3	8	110
	DL4SL	6	14	600		CT1LP	3	6	63
	DL3JR	4	11	540	14 mc.	CT1QG	23	64	24,200
28 mc.	DL1JY	5	10	345		CT1FM	18	50	13,668
28 mc.	DL1FK	19	32	5,865		CT1CC	10	26	3,276
	DL3VZ	18	27	5,175		CT1LP	6	18	2,452
	DL3D0	14	25	3,588		CT1MB	3	8	154
	DL7BA	15	25	3,520	28 mc.	CT1QG	21	40	14,762
	DLIAU	16	21	3,330		CT1FM	16	30	5,290
	DL1FI	13	18	2,015		CT1MB	12	18	2,280
Iceland						CTITK	7	12	570
All bands	TF3SF	8	10	432		CT1LP	7	10	510
ltaly					Roumania				
All bands	11CNE	36	80	51,156	All bands	YO3RI	23	63	26,095
	IIYW	37	92	49,794		YO3RF	22	62	20,584
	IIAMU	16	47	8,253	7 mc.	YO3RI	3	15	874
7 mc.	I1YW	4	14	468		YOSRF	3	8	187
	11AMU	2	10	216	14 mc.	YO3RF	12	43	11,440
14 mc.	IICNE	23	62	31,110		YO3RI	9	35	9,724
	I1YW	18	48	15,246	28 mc.	YOSRI	9	12	798
	11KE	10	35	6,480		Y03RF	6	9	345
	I1AMU	9	30	3,744	Saarland				
	I1BFP	2	8	160	All bands	954AX	8	24	1,728
28 mc	11YW	15	30	5,705	Scotland		_		4,740
	11CNE	13	18	2,325	All bands	GM2DBX	20	50	14000
					All bands	CITIZ D D A	20	59	14,062

SCOR	COUNTRIES	ZONES	N	STATIO	C tr . I	SCORE 6,450	COUNTRIES 37	ZONES 13	STATION GM2UU	14 mc.
					Switzerland	2,484	30	6	GM2DBX	
51,69	102	42	-	HB9LA	All bands	4,687	29	14	GM2DBX	28 mc.
36,83	74	39		HB9M9		4,007				
60	14	2		HB9LA	3.5 mc.					pain
15	10	2	_	HB9MS		143,424	134	58	EA3HE	All bands
66	15	3		HB9LA	7 me.	51,246	79	38	EA4CM	
6	4	3	_	HB9MS		15,762	55	16	EA7BB	
16,55	53	24		HB9LA	14 mc.	2,664	22	14	EA4CK	
10,67	40	18	5	HB9MS		1,288	19	9	EA7CP	
96	16	5		HB9JK		840	17	7	EA3FG	
39	10	4	J	нв9мц		72	7	2	EA3HE	3.5 me.
4,32	20	16	5	HB9MS	28 mc.	480	12	3	EA3HE	7 mc.
2,27	20	13		HB9LA		308	12	2	EA7BB	
,,					Yugoslavia	57,288	68	25	EA2CQ	14 mc.
	25	6		YU1AG	14 me.	55,770	79	31	EA3HE	
3,19	25	0	•			11,400	43	14	EA7BB	
					AFRICA-	8,957	38	15	EA4CM	
					AFRICA-	5,676	33	11	EA7DJ	
				_		3,478	26	11	EA3HS	
	tations	stor S	One	Single		3,268	29	9	EA3FN	
	10115	1101 3	Opc	ogic	A1	2,244	21	12	EA4CK	
					Algeria	1,953	17	4	EA2CL	
14,220	44	36		FA3JY	All bands	1,620	20	10	EA2CK	
				ngo	Belgian Co	1,300	20	6	EA3GG	
24,727	54	25		OQ5DZ	All bands	704	16	6	EA3FG	
,,,_	• •			nde	Canary Isla	697	14	3	EA1DV	
		19		EA8AX	All bands	210	11	4	EA7DH	
24,217	42	19				24	4	2	EA7CP	
				,	Kenya Colo	17,216	41	23	EA4CM	28 mc.
200,567	117	50		VQ4RF	All bands	11,542	36	22	EA3HE	
111,150		37		VQ4AQ		924	15	7	EA7CP	
35,340	65	30		VQ4BU		924	*3	•		
18	4	2		VQ4BU	7 mc.					veden .
18	4	2		VQ4RF		24 225	60	25	SM3LX	All bands
48,526	62	27		VQ4RF	14 mc.	24,225	42	17	SM5ARL	
48,336	55	21		VQ4AQ		8,083	32	18	SM5APA	
7.396	30	13		VQ4BU		5,300	35	10	SM7ACO	
47.808	51	21		VQ4RF	28 mc.	4,140	26	11	SM6ID	
11,826	38	16		VQ4AQ		2,442	26 5	2	SM5ARL	3.5 mc.
9,062	31	15		VQ4BU		70	3	1	SM7ACO	
5,002	5.				Libya	12		1	SM6ID	
		~ ~		MD2AM	All bands	4	1	3	SM3LX	7 mc.
209,802	108	38				154	8	2	SM7ACO	
					Northern R	72	7	3	SW5ARL	
9,250	34	16		VQ2GW	All bands	48	3	2	SM6ID	
				odesia	Southern Ri	24	4	12	SM3LX	14 mc.
2.208	20	12		ZE4JC	All bands	11,000	38	12	SM5AUP	
2.208	20			f	Southwest /	5,856	36		SM5ARL	
					All bands	3,234	27	6	SM3ACP	
6,118	29	17		ZS3M	_	2,813	24	. 5	SM7ACO	
					Spanish Gui	2,592	25	7		
5,382	26	13		EAØAC	All bands	2,112	26	7	SM5TF	
0,302				occo	Spanish Mo	1,740	21	8	SM6ID	
	20	1 5		EASAR	14 mc.	1,674	19	8	SM5APA	
17,697	36	15		-4944	_	924	18	4	SM4HJ	
					Swaziland	648	12	6	SM5YT	
5,290	27	19		ZS7C	All bands	288	11	5	SM7TQ	
				9	Tangier Zon	168	6	6	SM7YO	
9,900	25	8		KT1PU	14 mc.	1,224	14	10	SM3LX	8 me.
	27	10		KT1DD		1,012	13	10	SM5APA	
8,399		ı page				273	7	6	SM5ARL	

VQ4AQ (left) made an all band score of 111,150 points. He ran 140 watts into a pair of 35ts. Receiver is an HRO-5 and the antenna was an 8 wave Vee beam. . . YV5BZ (right) made an all band score of 61,336. Transmitter winds up with a pair of 813s running 500 watts input. Modulators are 810s. For a receiver an HQ-129X does the job. A close-spaced 3 element rotary is used on a 20 while folded dipoles are used on 10 and 40.





Telety cnt idea. tors. Fo cuit tha "mark" the auth that has

In the new and transmiss which has terest has seen fit to better a converge or the to build

machine air. Thes keying (AFSK) the stand commerci organizat would prestablishe

This is the Author's ceiving Actor of the cated b

I	DX CONT	TEST SO	CORES		Sikkim	STATION	ZONES	COUNTRIES	SCORE
	(fro	m page 24)			14 mc.	AC3SQ	11	17	1,260
						AC3PT	5	8	364
	STATION	ZONES C	DUNTRIES	SCORE	Turkey 28 mc.	TA2EFA	10	17	3.780
Union of	South Africa				OCEANII				-,,
14 mc.	ZS6JS	25	41	20,978	OCEANI	A			
28 mc.	ZS6VR	12 ·	21	2,244		-			
						Single O	perator (Stations	
ASIA—					Australia	g.c -	poraror .	014110113	
	Single O	C1 .	1*		All bands	VK2AMV			
	Single Op	perator Sta	ations		All ballus	VK6RU	28	42	15,170
Burma					14 mc.	VK2AMV	, 11	12	828
All bands	XZ2SY	29	40	20.424	2 4 HIV.	VK3LN	18	32	8,300
Cyprus						VK3HL	18	22	4,880
All bands	ZC4XP	23	65	** ***		VK4DO	12	15	2,133
	20471	23	65	49,280		VK5LC	12	15	1,458
Hongkong							8	8	832
All bands	VS6BJ	9	9	450	28 mc.	VK6RU VK2AMV	5	5	120
14 mc.	VS6BA	13	19	5,536	20 1110.	VK2AMV VK3ABA	10	10	1,020
	VS6BJ	5	5	120		VK3ABA VK6RU	7	8	345
28 mc.	A26B1	4	4	104		VNORU	6	7	312
srael					Hawaii				
All bands	4X4CW	23	56	35.866	All bands	KH6IJ	44	58	107,202
	4X4AK	17	50	19.363		KH6MG	42	55	44,812
	4X4DE	16	44	18,840	3.5 mc.	KHEIT	6	5	635
7 mc.	4X4DE	3	8	242		KH6MG	6	5	297
	4X4CW	2	3	60	14 mc.	KH6AEX	23	39	25.482
14 mc.	4X4DK	19	48	25,460		KHEIJ	20	27	17.860
	4X4DE	13	36	14,308		KH6MG	19	27	12,052
	4X4CW	10	24	6,018	,	KH6BA	15	20	3,920
	4X4AK	7	26	5.511	28 mc.	KH61J	18	26	26,972
28 mc.	4X4CW	10	28	10.060		KH6MG	17	23	6,920
	4X4AK	10	24	4.148	Marianas Is	ξ.			0,020
lapan				4,240	14 mc.	KG6AAE	27	51	
All bands	JA2DS				New Zealar		~,	21	33.368
	JAZUS	20	21	7,954	All bands				
ordan					7 mc.	ZL1 MQ	35	46	23,247
14 mc.	JY1XY	5	10	855	14 mc.	ZL1HY	2	3	75
Malaya (Si	gnapore)				A-4 III C.	ZL1MQ	23	35	13,688
14 mc.	VS1DU	7	7	530		ZL3LL	22	25	6,016
		-	•	330		ZL2A1	18	20	4,907



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