

CW Section Results

CQ's 1952 WORLD-WIDE DX CONTEST

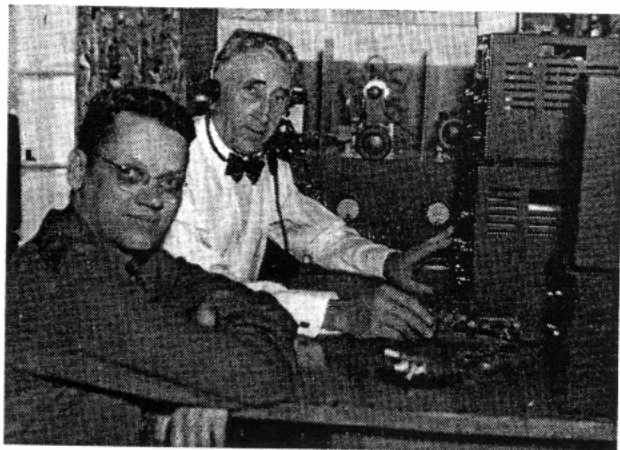
HERB BECKER, W6QD

DX Contest Editor

Once again the World-Wide DX Contest apparently appeals to the "dyed-in-the-wool" DX man. Each year the participation increases in spite of what some fellows felt were poor conditions in 1952. One thing about DX contests; most of the men appear ready for action whether conditions are good or bad. For a few years, right after the war ended, everyone worked so much DX and with so little effort, that I am afraid a great many became, shall we say, spoiled. It is true that you can really knock them off when there are some favorable openings on the various bands, but on the other hand you might be able to test your operating skill (or perhaps a better word would be patience), if you were to have poor conditions once in a while.

It makes us feel pretty good to hear all of the favorable comments from you boys who have participated, and I would like to have all of you know that we really do digest your comments, such as those that were sent in along with the contest logs. I will say, however, that after reading over the suggestions pro and con on the 1952 logs, it appears we will have an easy job, since very few of you suggested any changes at all.

Now, let's get to what we are all interested in—the



W8WZ grabbed his pal, W8ZY, and came up with the second highest multiple operators' score in the world with 233,368. These two fellows never seem to wear out, and for a couple of young fossils we think it is pretty terrific. Doc, W8WZ, is on the left, while Karl, W8ZY, wearing cans, is on the right. W8WZ runs a KW into a pair of 250TH's. The receiver is 75A2.

results. First, let's look into the multiple operators' stations. The highest in this section was TA3AA with 327,988 points. The operators were W6OME and W1VQG. The second highest multiple operators' station was W8WZ with 238,368. W8WZ and W8ZY did the work. In third place W6AM with 223,210. The boys who helped him out were W6HX, W6BXL and W6QMC.

Other multiple operators' scores were W7DL with KL7UM 100,734. OZ2PA assisted by OZ4KX, and OZ3QA 119,695. KA2OM with WØCWX wound up with 102,090. Of course, we can't forget our DX Ed KV4AA, who, helped by KV4BC, ran up 178,976. It appears the activity in this multiple operators' section is becoming more popular; the boys entered in this section seem to get a great deal more enjoyment than they used to when they were going it alone. Apparently their association with other operators gives them a lift, but I suppose what that really means is that it's good to have another operator around to crack you in the back of the neck if you start to fall asleep.

Now let's have a quick rundown on the single operator's stations. For those that are statistically minded, I think that a few of the following figures will be of interest, i.e., the highest single operator all band score in the world was 4X4RE with 577,250. Close on his heels was 4X4BX with 422,676. Then we have a pack of them fairly close together including: CE3AG—335,434; KP4JE—284,055; ZS6OW—283,712; KH6IJ—283,094; W8JIN highest in U.S.A. with 215,259; ZE3JP—210,960; FF8AG—207,276; and VP9BF—183,080.

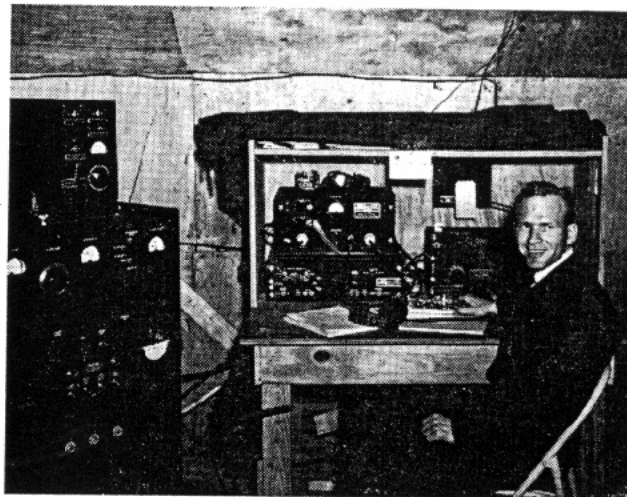
By looking below at the columns of figures you will notice certain ones in certain areas such as: W1RY—132,310; W2WZ—140,697; W3GRF—106,050; and W6DFY—109,509. Not far behind are: W6EPZ with 91,856; W6IBD with 89,037, and W7PCX with 83,968. In the ninth district we found a few pretty closely bunched: W9PKW—72,625; W9NDA—69,576; W9RQM—65,772; W9HUZ—57,040, and WØDAE, high in his district, with 65,685. The scores of the boys in the single band, single operator section look very intriguing. Top spot in the world goes to 5A3TU (now W6PCS again) with 104,130. This was done on 14 MC. Next we see W6BAX with 86,736, followed by KG4AF 84,843, G2LB with 71,526, and W3JTC 63,112. All of these fellows concentrated on 14 MC.

Before you read too far, take a quick look at the fine European participation. Those boys really turned

Unit
All B
All B
3.5 M
7 M
14 M
21 M
28 M
All B
All B
3.5 M
7 M
14 M
21 M
28 M
All B
All B
Austral
All B
United
All Bands

out. For that matter, we think the world-wide participation was very very good, but would like to see more of it from Oceania.

Once again I would like to thank members of the Southern California DX Club who did all the contest log checking and tabulation of scores. This was done under the general guidance of W6IBD together with W6DFY, W6FSJ, and of course, W6ENV. As I have said many times before, there is a terrific amount of detail work connected with one of these contests, and somebody must do the job. Without the help from the above fellows it would have been impossible to print the scores at this time. We are sorry that we were so late in getting out the certificates for the 1951 contest, but we will guarantee much better results for the 1952 certificates. They should be in the mail by the time you read the scores in this issue.



5A3TU (now W6PCS again) had the highest single band score in the world, 14 Mc., with 104,130 points. Jerry used a BC-610 transmitter with roughly 150 watts input. This low power was due mostly to the poor line regulation. The receiver a BC-342.

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.

Multiple Operator Stations

Scoring method, from left to right: station—zones—countries—total score.

United States				Bermuda				Japan			
All Bands	W2LYO	9—17—	1,040	All Bands	VP9BG	20—30—	40,050	All Bands	KA2OM	31—52—	102,090
	(W2FXZ)				(2)				(W0CWX)		
All Bands	W6AM	80—141—	223,210	Chile				New Zealand			
	(W6HX) (W6BXL) (W6QMC)			All Bands	CE3HL	20—22—	16,968	All Bands	ZL4KB	20—21—	3,895
3.5 Mc.	W6AM	8—9—	612		(CE3RE)				(ZL4DV)		
7 Mc.	W6AM	22—41—	17,892	Czechoslovakia				3.5 Mc.	ZL4KB	3—3—	12
14 Mc.	W6RRQ	27—71—	68,796	7 Mc.	OK3OBK	6—19—	1,300	7 Mc.	ZL4KB	7—6—	351
	(W6NIG) (W6MHB)				(OK3OFF)			14 Mc.	ZL4DV	14—18—	3,648
	W6AM	27—65—	49,772	Denmark					(ZL4KB)		
	W6EAE	23—58—	43,416	All Bands	OZ2FA	51—134—	119,695	21 Mc.	ZL4KB	6—7—	572
	(W6VDG)				(OZ4KX) (OZ3QA)				ZL4KB	4—5—	198
21 Mc.	W6AM	14—17—	3,317	England				Sweden			
28 Mc.	W6AM	9—9—	756	All Bands	G2BOZ	42—121—	64,711	All Bands	SL5CB	24—55—	14,694
All Bands	W7DL	58—105—	100,734		(G3HCT)				(SM5BKH) (SM5AFC)		
	(KL7UM)				(G3HTW) (G3ITP)	13—122—	5,856	Poland			
All Bands	W8WZ	80—168—	238,368	All Bands	G2BOZ	6—30—	3,096	All Bands	SP5KAB	19—66—	23,715
	(W8ZY)				(G2BOZ)	12—40—	7,072		(SP5UX)		
	W8DUS	51—72—	39,606	3.5 Mc.	G3HTW	4—10—	322		SP9KAA	24—58—	15,744
	(W8UPN) (W8RAE)			7 Mc.	G2BOZ	16—40—	8,400		(SP9KJ)		
3.5 Mc.	W8WZ	10—15—	1,575	14 Mc.	G3HTW	9—25—	3,366	3.5 Mc.	SP5KAB	4—15—	1,083
	W8DUS	3—2—	15	21 Mc.	G2BOZ	8—11—	570	7 Mc.	SP9KAA	2—6—	88
7 Mc.	W8WZ	23—47—	18,270	Guam				7 Mc.	SP5KAB	7—27—	3,672
	W8DUS	10—15—	1,575	All Bands	KG6FAB	31—25—	44,016	14 Mc.	SP9KAA	6—18—	1,032
14 Mc.	W8WZ	25—69—	38,164		(W6APM) (W7PLI)				SP9KAA	16—34—	6,900
	W8DUS	17—30—	5,969		(W0EXR) (KG6ADX)			Turkey			
21 Mc.	W8WZ	18—35—	10,865		(KG6ADY) (KG6AEF)			All Bands	TA3AA	44—123—	327,988
	W8DUS	17—30—	5,969	7 Mc.	KG6FAB	14—11—	8,575		(W6OME/TA3) (W1VQG)		
28 Mc.	W8DUS	5—5—	220	14 Mc.	KG6FAB	17—14—	13,713	Virgin Islands			
	W8WZ	4—2—	36		KG6ACZ	12—14—	1,534	All Bands	KV4AA	48—88—	178,976
All Bands	W9DWD	45—59—	27,456		(KG6ADI) (KG6ADH)				(KV4BC)		
	(W9DDP, JJO, MYC, GEM)										
All Bands	W0A1W	61—91—	74,936								
	(W0A1W)										
Australia											
All Bands	VK2ANN	41—93—	10,689								
	(G3DCU) (G2BQC)										

Single Operator Stations

North America

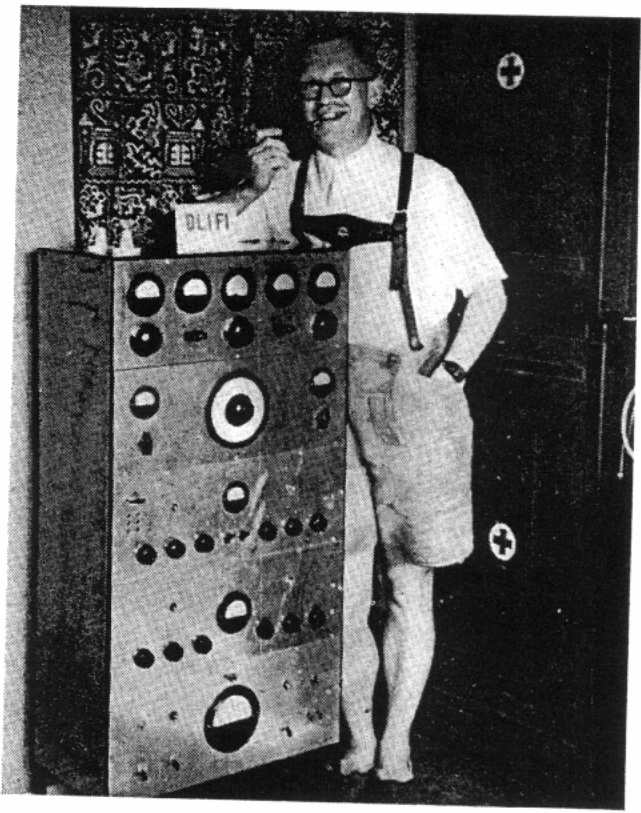
United States				W1RWP				W1ZD			
All Bands	W1RY	69—133—	132,310	6—10—	592	14 Mc.	W1RY	20—48—	13,736		
	W1ODW	40—62—	17,748	7 Mc.	W1DIT	22—42—	9,729	W1DSF	16—40—	8,064	
	W1ZD	30—45—	13,725		W1RY	17—32—	5,292	W1DHO	12—31—	7,052	
	W1DHO	17—37—	9,774		W1ODW	8—14—	572	W1RNQ	14—30—	6,600	
	W1APA	12—16—	1,260		W1DHO	5—6—	187	W1ODW	11—21—	2,080	
3.5 Mc.	W1RY	9—11—	1,100		W1APA	5—5—	160	W1APA	7—11—	522	

Single Operator Stations

North America

14,070	W6EPZ	18—31—	9,281
11,025	W6NZW	14—25—	5,755
520	W6BUD	15—21—	4,104
3,200	W6ATO	14—20—	3,536
510	W6ALQ	12—13—	2,325
54	W6QD	12—17—	2,175
40	W6SRF	12—15—	2,133
6	W6BJU	13—17—	1,950
20,232	W6PBI	11—12—	1,288
11,977	W6VE	5—8—	1,235
6,536	W6GWQ	11—12—	1,196
2,360	W6IBD	11—11—	1,144
1,440	W6GDK	6—7—	403
1,440	W6QKK	8—7—	375
23,290	W6EJA	4—6—	270
17,710	W6CAE	1—1—	6
3,784	14 Mc. W6BAX	27—77—	86,736
1,440	W6IBD	27—68—	67,355
2,972	W6FSJ	27—53—	44,040
192	W6PYH	23—53—	42,104
66	W6CUQ	22—49—	33,341
16	W6GDJ	22—47—	25,047
8,624	W6EPZ	23—45—	23,322
6,650	W6SRF	18—36—	19,980
864	W6BUD	22—43—	19,530
48	W6ATO	20—33—	12,879
300	W6UQQ	20—33—	11,183
264	W6ALQ	20—33—	9,752
80	W6BJU	18—31—	8,477
6	W6QD	21—31—	8,424
60,006	W6NZW	16—31—	8,131
43,160	W6VE	16—28—	7,680
25,990	W6BYH	21—27—	7,788
18,483	W6PWR	17—25—	7,602
4,029	W6MUR	19—30—	6,550
60	W6HJ	19—22—	6,027
30	W6QDE	15—23—	5,700
12	W6GWQ	15—20—	5,390
4,920	W6CAE	17—23—	4,280
3,784	W6JST	14—17—	2,077
2,808	W6EJA	10—13—	1,587
2,754	W6UYW/6	10—13—	1,403
1,767	W6OKK	12—13—	1,350
2	W6PBI	6—9—	435
10,998	21 Mc. W6BYB	13—19—	3,776
9,720	W6NGA	14—18—	3,232
9,362	W6VE	14—18—	3,136
2,220	W6EPZ	14—17—	1,674
1,680	W6BJU	11—12—	1,307
5,796	W6ATO	10—13—	1,012
2,708	W6SRF	10—13—	1,012
169	W6NZW	8—9—	884
80	W6BYH	8—10—	594
568	W6NLO	7—9—	496
143	W6QDE	4—4—	80
54	W6FAY	5—5—	80
36	W6PBI	3—2—	50
16	W6GWQ	4—4—	48
109,509	W6LMZ	2—2—	24
91,856	28 Mc. W6GWQ	5—5—	180
89,037	W6SRF	5—5—	130
57,684	W6BYH	3—3—	72
45,889	W6BJU	1—1—	6
43,010	All Bands W7PGX	60—104—	83,968
38,110	W7PQE	51—69—	51,840
35,626	W7AJS	31—48—	23,858
33,136	W7AHX	36—46—	20,172
33,100	W7CNM	33—49—	19,024
25,381	W7HAD	40—45—	17,680
21,606	W7FIM	28—35—	16,569
19,197	W7OPO	27—35—	12,896
17,480	W7PCZ	22—28—	6,950
11,269	W7ENA	27—54—	1,458
7,590	W7EJD	9—13—	1,320
4,972	W7QDJ	15—13—	1,316
3,479	7 Mc. W7HAD	8—7—	270
3,168	W7PGX	6—5—	242
3,160	W7PQE	4—4—	96
1,552	W7OPO	3—2—	30
231	7 Mc. W7PQE	15—18—	4,620
117	W7PGX	16—30—	4,002
45	W7OPO	12—15—	2,889
40	W7CNM	12—14—	1,924
30	W7FIM	10—12—	1,870
20	W7AHX	9—12—	1,785
6			
24,750			
11,832			
10,200			

14 Mc. W7PCZ	9—12—	1,303	7 Mc. W8JIN	23—36—	11,800
W7HAD	7—8—	510	W8FGX	16—25—	3,918
W7AJS	5—5—	220	W8PM	10—13—	644
W7QDJ	15—13—	1,316	W8JGU/8	5—6—	132
W7QJV	4—4—	72	W8DAE	4—3—	14
W7ENA	3—3—	42	W8FJR	2—2—	4
W7EJD	1—1—	6	14 Mc. W8JIN	28—68—	46,176
W7PGS	23—61—	31,584	W8FGX	27—70—	30,167
W7PGX	25—54—	28,045	W8FJR	19—45—	15,744
W7AJS	26—43—	19,320	W8PM	11—14—	625
W7PQE	19—34—	11,607	W8JGU/8	9—12—	546
W7FIM	18—23—	7,298	W8DAE	9—11—	440
W7BUW	18—23—	7,052	W8HA	5—7—	204
W7AHX	18—27—	6,120	21 Mc. W8JIN	17—29—	6,256
W7CNM	16—29—	5,895	W8PM	13—18—	1,488
W7MOU	18—25—	4,988	W8KC	11—14—	875
W7HAD	15—19—	3,366	28 Mc. W8JIN	9—8—	459
W7OPO	12—18—	2,850	W8DAE	8—13—	104



DLIFI was tops in Germany with an all band score of 144,316. The rig runs about 100 watts input, and the antenna is a simple long wire affair, and as Felix says, "There is no need to rotate it." DLIFI has been on the air since 1927.

21 Mc. W7PCZ	13—16—	2,233	All Bands W9PKW	45—80—	72,625
W7EJD	8—12—	1,080	W9NDA	57—99—	69,576
W7ENA	5—4—	243	W9RQM	66—96—	65,772
W7QDJ	5—4—	180	W9HUZ	60—95—	57,040
21 Mc. W7HAD	10—11—	1,197	W9NII	47—65—	33,060
W7PGX	11—13—	936	W9ABA	19—24—	3,139
W7PQE	9—9—	882	W9FDX	14—22—	2,160
W7AHX	9—7—	400	3.5 Mc. W9NDA	8—9—	381
W7CNM	5—6—	297	W9RQM	7—7—	350
W7ENA	6—6—	240	W9HUZ	7—8—	195
W7QDJ	5—4—	135	W9NII	5—5—	110
28 Mc. W7PQE	4—4—	96	W9PKW	6—5—	88
W7PGX	2—2—	36	7 Mc. W9NDA	20—33—	8,162
All Bands W8JIN	86—154—	215,259	W9PKW	15—21—	4,932
W8FGX	43—95—	56,242	W9RQM	15—21—	3,168
W8FJR	21—47—	16,796	W9ABA	12—17—	1,421
W8PM	34—45—	7,979	W9NII	11—16—	1,161
W8DAE	19—21—	1,640	W9HUZ	13—16—	1,073
W8JGU/8	14—18—	1,216	W9FDX	1—1—	6
3.5 Mc. W8JIN	9—13—	1,210	W9PKW	20—50—	29,680
W8DAE	2—3—	20	W9HUZ	24—51—	18,975
			W9NDA	23—50—	18,788

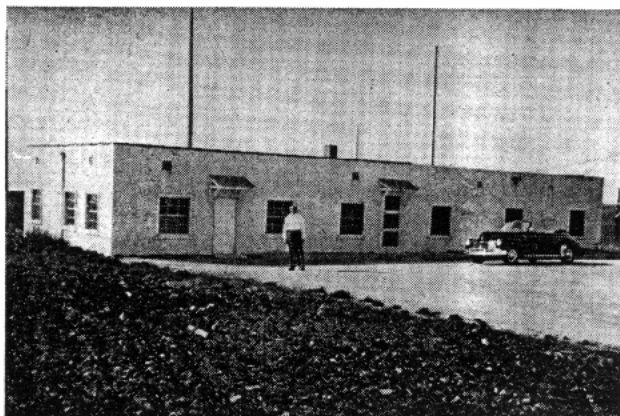
Single Operator Stations

W9FID	22—46—	17,884
W9RQM	21—37—	9,048
W9NII	16—26—	5,124
W9FDX	13—21—	1,934
W9MEN	6—9—	345
W9FKC	7—7—	168
21 Mc. W9RQM	16—25—	4,551
W9NII	12—19—	3,007
W9HUZ	13—17—	1,560
W9NDA	6—7—	169
28 Mc. W9RQM	7—6—	338
W9ABA	7—7—	336
W9NII	3—3—	72
W9HUZ	3—3—	78
All Bands W0DAE	58—87—	65,685
W0NWX	44—59—	23,381
W0OKH	41—53—	16,826
W0YSC	23—32—	4,510
W0NXF	16—19—	1,575
3.5 Mc. W0NWX	6—6—	288
W0DAE	7—7—	266
W0OKH	6—7—	195
7 Mc. W0DAE	14—24—	4,180

14 Mc. KL7ANJ	9—9—	2,250
KL7AQB	2—3—	70
Rermuda All Bands	VP9BF	68—129—183,080
Caicos Island All Bands	VP5BF	19—23—10,542
Canada All Bands	VE1EK	20—33—6,148
VE1ZZ	20—27—	5,875
3.5 Mc. VE1ZZ	8—12—	1,380
VE1EK	2—2—	4
7 Mc. VE1EK	5—7—	324
VE1ZZ	2—3—	45
14 Mc. VE1EK	13—24—	3,256
VE1WW	10—12—	1,034
VE1DB	8—11—	912
VE1CU	6—10—	480
VE1KB	7—4—	368
All Bands VE2WA	29—46—	11,400
7 Mc. VE2WA	8—12—	520
14 Mc. VE2CK	12—27—	3,159

VE7KL	17—24—	6,273
VE7AIH	3—5—	114
VE7AHG	6—5—	110
21 Mc. VE7AIH	10—10—	2,380
Canal Zone All Bands	KZ5BS	20—24—5,324
7 Mc. KZ5BS	5—5—	230
KZ5WZ	3—4—	210
14 Mc. KZ5BS	8—10—	810
21 Mc. KZ5BS	7—9—	848
KZ5WZ	3—4—	224
Cayman Islands All Bands	VP5BH	11—13—2,816
Cuba 7 Mc. CO2AQ	8—9—	578
Greenland 14 Mc. OX3UD	6—5—	45
Guantanamo Bay 14 Mc. KG4AF	26—73—	84,843
Guatemala 14 Mc. TG9RB	10—12—	3,540

Puerto Rico All Bands	KP4JE	51—94—284,055
KP4KD	60—122—	119,210
3.5 Mc. KP4JE	7—10—	3,723
KP4KD	9—15—	960
7 Mc. KP4JE	17—30—	21,573
KP4KD	15—28—	6,321
14 Mc. KP4JE	13—34—	48,363
KP4KD	19—47—	15,840
KP4AO	19—50—	12,489
21 Mc. KP4KD	15—31—	10,396
KP4JE	13—19—	7,968
28 Mc. KP4KD	2—1—	6
KP4JE	1—1—	3



W6AM was the third highest multiple operators' station in the world and ran up 223,210 points. Don received plenty of help from W6HX, W6BXL and W6QMC. Since you've seen the station photo of W6AM several times, this will give you a good idea of what the shack looks like from the outside. The operating room is to the right and is 30 x 40 feet. The workshop is in the middle, while the bedrooms are on the left. Three of the poles in the picture are 100-footers, while the one on the right is 70 feet. Eleven Rhombics are used, and with the use of the reversing relays 21 directions are available. This is done by turning only a small rotary switch. Receivers are RME-50, RME-49, while the transmitters use 4-250As and 450THs.

South America

Argentina All Bands	LU3EL	36—51—28,797
Brazil All Bands	PY6DU	35—44—44,003
7 Mc. PY6DU	4—2—	216
14 Mc. PY6DU	13—18—	5,859
PY7LN	7—10—	1,292
PY1AZO	8—9—	799
21 Mc. PY6DU	11—18—	8,468
28 Mc. PY6DU	7—6—	520
Chile All Bands	CE3AG	75—118—335,434
CE4AD	37—37—	42,254
3.5 Mc. CE3AG	7—7—	826
CE4AD	4—3—	252
7 Mc. CE3AG	14—21—	9,695
CE4AD	5—4—	837
14 Mc. CE3AG	28—55—	74,451
CE4AD	17—20—	13,764
CE3CK	16—20—	9,792
21 Mc. CE3AG	18—27—	14,445
CE4AD	7—8—	540
28 Mc. CE3AG	8—8—	2,944
CE4AD	4—2—	272

W0NWX	14—17—	2,232
W0OKH	12—15—	1,215
W0YSC	9—13—	770
W0NXF	6—8—	238
14 Mc. W0DAE	24—45—	19,527
W0ERI	18—35—	9,593
W0CXN	17—27—	3,564
W0OKH	16—22—	3,268
W0NWX	14—23—	2,849
W0YSC	14—19—	1,551
W0NXF	10—11—	588
21 Mc. W0DCB	13—15—	1,204
W0NWX	9—12—	1,071
W0JZX	10—9—	532
W0OKH	7—9—	528
W0DAE	9—7—	464
28 Mc. W0DAE	4—4—	96
W0NWX	1—1—	6

21 Mc. VE2WA	13—21—	2,244
VE2WA	8—13—	1,260
All Bands VE3CCK	45—80—	50,625
21 Mc. VE3CCK	7—10—	799
VE3ADM	2—3—	80
All Bands VE5EH	18—16—	5,746
All Bands VE6MN	7—8—	645
All Bands VE7VO	37—58—	42,874
VE7VC	31—47—	20,904
VE7AIH	13—15—	3,724
VE7AHG	11—10—	525
3.5 Mc. VE7VO	5—5—	240
VE7VC	2—2—	20
7 Mc. VE7VO	12—13—	3,300
VE7VC	7—7—	812
VE7AHG	5—5—	150

Netherland West Indies All Bands	PJ2AD	27—57—112,224
South Shetland Islands All Bands	LU4ZI	25—31—33,824
Uruguay 14 Mc. CX6AD	7—7—	1,554
Venezuela All Bands	YV5AB	38—69—168,272
YV5BZ	37—51—	64,944
YV5AR	2—4—	4,100

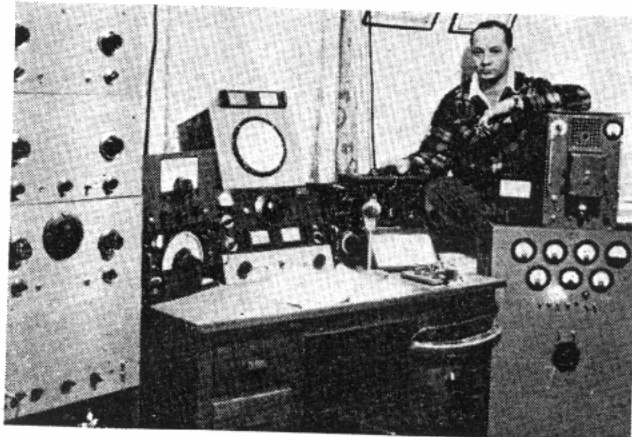
24 6,273
5 114
5 110
10 2,380
24 5,324
5 230
4 210
10 810
9 848
4 224
13 2,816
9 576
5 48
73 84,843
12 3,540
94 284,051
22 119,210
10 3,723
15 960
30 21,573
28 6,321
34 48,363
47 15,840
50 12,489
31 10,396
19 7,968
1 6
1 3
28 28,797
44,003
216
5,859
1,292
799
8,468
520
335,434
42,254
826
252
9,695
837
74,451
13,764
9,792
14,445
540
2,944
272
112,224
33,824
1,554
168,272
64,944
4,109
858

Europe

Table with columns for country (Austria, Azores, Belgium, Corsica, Czechoslovakia, Denmark, England), band (All Bands, 3.5 Mc, 7 Mc, 14 Mc, 21 Mc), call letters, and QSO counts.

Table for France All Bands and other European countries (3.5 Mc, 7 Mc, 14 Mc) with columns for call letters and QSO counts.

Table for Germany All Bands with columns for call letters and QSO counts.



ZS6OW operated all bands and wound up with 283,712 points. Eric uses a complete separate transmitter for each band, and a line-up like this: A pair of T40's for 80, 35T's on 40, 814's on 20, 814's on 15, and HK54's on 10. The receiver is a HRO. The antenna department consists of a 3-element beam for 20, and 4 elements for 10 meters. On 40 and 80 he uses semi-vertical dipoles.

Table with columns for call letters, band (3.5 Mc, 7 Mc, 14 Mc), and QSO counts for various European stations.

Single Operator Stations

5-36-9,741
8-116-73,800
3-92-50,220
0-63-28,220
1-39-7,435
1-35-4,032
1-26-1,708
1-21-2,109
1-26-1,708
1-25-2,784
1-19-2,208
1-14-1,235
1-7-558
1-3-117
1-29-16
1-29-3,496
1-21-3,312
1-14-1,092
1-32-912
1-4-570
1-7-80
1-7-63
1-44-16,986
1-43-14,880
1-30-8,554
1-36-6,672
1-28-3,003
1-13-1,000
1-8-176
1-18-1,664
1-14-759
1-14-1,350
1-30-3,569
1-15-903
1-8-255
1-6-56
1-7-198
1-6-110
1-2-1,885
1-8-1,326
1-8-252
1-4-80
1-4-49
1-97,185
1-11,200
1-5,852
1-666
1-22,910
1-6,396
1-24
1-3,745
1-26,226
1-21,789
1-18,879
1-105,868
1-18,706
1-1,782
1-6,669
1-567
1-162
1-22,899
1-4,548
1-1,035
1-1,995
1-1,891
1-65,858
1-63,120
1-42,066
1-8,764
1-5,025
1-8,170
1-0,207
1-7,336

SM7AKG 18-32-5,760
SM5AUP 18-50-5,068
SM7AVA 18-32-3,400
SM3AWP 26-29-3,190
SM6AMR 9-24-2,178
SM7BDK 3-12-495
SM5DW 5-28-2,970
SM7BFL 4-23-2,349
SM3AKM 4-19-1,173
SM5ANY 3-18-966
SM5ARL 2-14-784
SM7AKG 4-18-476
SM5ARR 3-10-351
SM5BQJ 3-8-198
SM7BDK 1-6-84
SM3AWP 2-4-30
SM6AMR 2-3-15
SM6DA 1-2-6
SM5AHW 10-35-7,020
SM5DW 10-40-6,250
SM5ANY 9-33-4,914
SM5WM 7-29-4,536
SM7AAZ 9-39-3,744
SM3EP 8-30-3,334
SM5AOI 9-29-2,964
SL7BX 5-24-2,480
SM6AJN 4-22-2,392
SM5BQJ 8-24-2,240
SM3AKM 5-26-2,170
SM3AWP 7-16-1,089
SM7AVA 8-14-968
SM5AUP 7-17-888
SM5AFN 5-13-774
SM5WF 3-13-400
SM5ARL 3-9-204
SM7BDK 2-6-168
SM2ALU 3-5-80
SM7PK 2-3-50
SM4BET 2-2-16
SM6AMR 1-1-4
SM3AKM 19-47-26,730
SM5DW 19-47-14,982
SM5AOI 19-45-13,056
SM5ANY 16-35-10,506
SM3ACP 10-38-10,176
SM6DA 14-35-9,576
SM3EP 14-39-9,911
SM5IZ 17-46-9,387
SM7VX 15-41-8,960
SL3AU 10-25-7,665
SM5BQJ 14-32-6,532
SM5AUN 13-34-6,016
SM6APB 13-31-5,016
SM6AOU 14-35-4,606
SM5AUP 11-35-4,180
SM7AVA 10-22-2,432
SM7AKG 14-24-2,280
SM5ARL 6-22-1,820
SM6AMR 6-20-1,586
SM5US 6-16-1,188
SM7BVO 7-12-1,007
SM3AWP 7-9-320
SM5PW 3-3-42
SM6BCP 2-3-20

Switzerland

All Bands HB9KO 25-74-29,007
HB9MU 29-66-23,560
HB9X 27-58-14,620
HB9CZ 21-48-13,593
HB9CI 11-34-4,725
HB9LO 21-25-3,680
HB9DB 266
3.5 Mc. HB9KO 4-18-1,386
HB9CZ 4-11-525
HB9MU 4-9-208
HB9X 3-10-143
HB9DB 2-8-130
7 Mc. HB9KO 12-30-3,948
HB9MQ 9-18-2,136
HB9X 7-17-960
HB9CZ 5-17-792
HB9CI 3-9-120
HB9LO 4-6-108
HB9MU 1-1-6

14 Mc.

HB9MU 21-53-16,230
HB9KO 9-26-4,760
HB9BT 10-22-3,808
HB9CZ 10-18-3,416
HB9CI 8-25-3,135
HB9X 12-21-3,036
HB9LO 2-2-16
21 Mc. HB9LO 10-12-902
HB9X 5-10-435
HB9MU 3-3-54
HB9DB 2-2-24
HB9CZ 2-2-16
28 Mc. HB9LO 5-6-253

Trieste

All Bands I1NU/ TRIESTE 23-77-33,700
3.5 Mc. I1NU/ TRIESTE 4-18-1,562
7 Mc. I1NU/ TRIESTE 8-28-4,284
14 Mc. I1NU/ TRIESTE 11-31-6,174
MF2AG 13-22-3,710

21 Mc.

FA8IH 17-31-7,488
FA8VZ 5-21-7,332
FA3HH 4-17-5,040
FA9RZ 12-23-6,195
FA9UO 11-15-2,210
FA8IH 12-16-1,372
FA9RZ 2-3-45
FA9UO 2-2-8

French West Africa

All Bands FF8AG 44-94-207,276
7 Mc. FF8AG 10-26-18,152
14 Mc. FF8AG 18-37-33,715
FF8AN 15-25-12,441
SA2TC 4-18-3,696
21 Mc. FF8AG 13-26-13,182
28 Mc. FF8AG 3-5-152

Libva

All Bands SA2TC 15-58-49,421
7 Mc. SA3TR 10-34-33,616
14 Mc. FF8AJ 14-19-8,877
SA3TU 30-71-104,130
21 Mc. SA2TC 6-28-14,416
SA2TC 5-12-1,445



KH6IJ, as usual, scored a flock of points at this time—283,094. He still uses 450TH's and 813's, and two separate complete transmitters. We're sure you are familiar with the rest of his station layout.

Wales

All Bands GW3JI 24-77-32,623
3.5 Mc. GW3JI 3-16-969
7 Mc. GW3JI 10-36-7,368
14 Mc. GW5SL 16-44-14,940
GW3JI 11-25-4,104
GW31QQ 6-16-1,364

Yugoslavia

7 Mc. YU1AG 10-31-7,503

Africa

Algeria

All Bands FA9RZ 40-100-125,020
FA9UO 34-66-66,800
FA8IH 41-80-39,446
FA3HH 7-34-17,712
3.5 Mc. FA9RZ 6-17-3,036
FA9UO 4-8-900
FA8IH 4-14-882
7 Mc. FA9RZ 10-28-10,716
FA9UO 7-19-6,188
FA3HH 3-17-3,840
FA8IH 8-19-1,944
14 Mc. FA9RZ 10-29-11,427
FA9UO 10-22-8,576

Madagascar

14 Mc. FB8BB 24-34-11,404
Madeira Islands CT3AB 27-41-28,696
All Bands CT3AV 28-57-26,350
3.5 Mc. CT3AV 3-8-330
CT3AB 2-5-233

Madeira Islands

7 Mc. CT3AB 11-17-5,348
CT3AV 4-12-768
14 Mc. CT3AV 12-28-7,520
CT3AA 12-19-4,340
CT3AB 7-11-2,430
21 Mc. CT3AV 7-7-560
CT3AB 4-5-432
28 Mc. CT3AB 3-3-54
CT3AV 2-2-16

Morocco

All Bands CN8EG 26-76-153,408
7 Mc. CN8EG 7-25-5,440
14 Mc. CN8EG 14-42-73,080
CN8AG 7-28-9,590
28 Mc. CN8EG 5-9-406

Mozambique

All Bands CR7AF 31-50-17,658

(Continued on page 68)

MULTI-BAND OPERATION

S
I
N
G
L
E



SIDEBAND

8 TIMES THE VOICE POWER
HARMONIC TVI VIRTUALLY ELIMINATED

MULTIPHASE EXCITER MODEL 10A (upper left) Approx. 10 watts peak output 160 to 20 meters, somewhat less on 10-15 meters. Will drive beam power tetrodes to more than 1 KW input from 20 to 160 meters. SWITCHABLE SSB, with or without carrier, double sideband AM, PM, break-in CW, VOICE OPERATED BREAK-IN and receiver disabling. It's ALL BUILT-IN to this truly versatile exciter. Built-in power supply also furnishes blocking bias for linear amplifier and voltage for optional VFO. With internal xtal and coils for one band. Wired and tested \$159.50. Complete kit \$112.50. Extra coil sets \$3.95 per band.

QT-1 ANTI-TRIP UNIT

Plugs into socket inside 10A EXCITER. Permits loudspeaker operation, yet prevents voice-control circuit from tripping on heterodynes, static, noise pulses or loud signals. All electronic, no relays, adjustable trip level. Completely wired, with tube. Price.....\$12.50

SIDEBAND SLICER

MODEL A RECEIVER ADAPTER (upper right) Improves any receiver. SWITCHABLE upper and lower sideband reception of SSB, AM, PM and CW. Cuts interference and heterodynes in half. Eliminates distortion caused by selective fading. Works into any receiver having 450-500 KC IF. Built-in power supply. Use a Model A Slicer—notice the "holes" in even our most crowded bands and hear signals you have never heard before. Wired and tested \$74.50. Complete kit \$49.50. PS-1 Plug-in prealigned 90 degree phase shift network and socket available separately for use with GE Signal Slicer and SSB Jr. \$7.95 postpaid. WRITE FOR LITERATURE

Central Electronics, Inc.

2125 W. Giddings Street Chicago 25, Illinois

CW SECTION RESULTS CQ's 1952 DX CONTEST

(from page 35)

Single Operator Stations

Africa

Mauritius
14 Mc. VQ8AF 9—12— 651

Portuguese Guinea
14 Mc. CR5AC 10— 8— 1,764

South Africa
All Bands ZS6OW 59—117—283,712

ZS2HI 36— 62— 71,334

3.5 Mc. ZS6OW 7— 9— 672

7 Mc. ZS6OW 10— 24— 14,110

ZS2HI 11— 15— 8,812

14 Mc. ZS6OW 24— 52— 71,440

ZS2HL 25— 47— 28,872

ZS6RB 5— 3— 792

21 Mc. ZS6OW 12— 23— 6,265

28 Mc. ZS6OW 6— 9— 540

Southern Rhodesia
All Bands ZE3JP 50— 94—210,960

ZE3JO 22— 29— 5,100

3.5 Mc. ZE3JP 1— 1— 2

7 Mc. ZE3JP 14— 29— 20,296

ZE3JO 4— 4— 64

14 Mc. ZE3JP 21— 54— 27,775

ZE3JO 10— 14— 1,128

21 Mc. ZE3JP 14— 30— 21,428

ZE3JO 6— 7— 351

28 Mc. ZE3JO 2— 4— 108

Southwest Africa
14 Mc. ZS3S 14— 16— 1,950

Sudan
14 Mc. ST2HK 9— 23— 3,680

Asia

Bahrein Island
Station Zones Countries Score
14 Mc. MP4BBD 12— 22— 9,214

Ceylon
All Bands VS7NG 23— 34— 11,001

Cyprus
All Bands ZC4IP 31— 86—139,698

Hong Kong
All Bands VS6CG 24— 39— 30,555

7 Mc. VS6CG 5— 6— 1,056

14 Mc. VS6CG 19— 33—20,228

VS6AE 16— 21— 7,918

VS6CI 7— 7— 1,232

Israel
All Bands 4X4RE 70—180—577,250

4X4BX 64—172—422,676

3.5 Mc. 4X4RE 6— 19— 3,950

4X4BX 5— 22— 2,835

7 Mc. 4X4BX 19— 53— 52,056

4X4RE 17— 53— 48,790

14 Mc. 4X4RE 24— 62— 94,514

4X4BX 23— 58— 56,538

4X4CL 8— 25— 8,613

21 Mc. 4X4RE 17— 33— 15,050

4X4BX 11— 22— 6,567

28 Mc. 4X4BX 6— 17— 1,518

4X4RE 6— 13— 1,026

Japan
14 Mc. KA9AA 20— 28— 22,896

JA1AB 16— 19— 7,455

JA1AF 14— 17— 6,510

JA1AM 7— 7— 490

LEARN with AMECO courses

Simple Low Cost, Home-Study Courses prepare you to pass F.C.C. Code and Theory license examinations.

SEE THEM AT YOUR DEALER

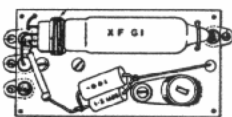
FREE Write for details and receive free sample of F.C.C. type questions and answers for all amateur examinations.

AMERICAN ELECTRONICS CO.
(Dept. C-8) New York 59, N. Y.

BECOME
A RADIO
AMATEUR

1203 Bryant Ave.

RADIO CONTROL YOUR MODELS



"DELUXE MIDGET 1" RADIO CONTROL, CONSISTS OF LICENSE FREE BAND TRANSMITTING RADIO, A RECEIVING RADIO & A CONTROLLING ESCAPEMENT. LONG RANGE, TO OPERATE MODEL AIRCRAFT, BOAT, & AUTO MODELS. ALL THREE UNITS ABOVE SIMPLE ASSEMBLY WITH OUR PARTS & PLANS \$9.98

DETAILED INFORMATION & RADIO CATALOG - 25c SPECIAL "SUPPLY DIRECTORY" & SUPPLY COUPON. (coupon value \$7.00) ONLY - - - - - \$1.00

"DELUXE MIDGET 1" RADIO CONTROL \$9.98

RADIOMODELS, BOX 36, DEPT. CQ BALTIMORE 6, MARYLAND

MOBILES! C. D. MEN! CAP! !

IDEAL DYNAMOTOR — CONVERTS EASILY TO SUPPLY UNIT DELIVERING

12 VOLT INPUT OR 6V INPUT

610V @ 150 MA 300V @ 90 MA

325V @ 125 MA 160 @ 110 MA

BRAND NEW WITH CONVERSION DATA \$3.75

Send Check or M.O. Ship. Chgs. C.O.D.

COMMUNICATIONS EQUIPMENT CO.

131 LIBERTY ST. Dept. Q-8 NEW YORK 7, N. Y.

TS
EST

Oceania

Australia			
All Bands	VK2GW	32—49—	43,821
	VK3XK	32—47—	39,648
	VK3PG	15—18—	5,412
	VK7LZ	12—12—	864
3.5 Mc.	VK2GW	1—1—	14
	VK3XK	2—2—	8
7 Mc.	VK3XK	9—10—	4,845
	VK2GW	10—14—	4,704
	VK3HT	9—9—	1,998
	VK6SA	4—2—	720
	VK7LZ	7—6—	351
14 Mc.	VK2GW	15—28—	12,814
	VK3XK	17—30—	10,246
	VK3CX	17—14—	3,100
	VK3PG	10—9—	2,109
	VK3HL	11—14—	1,450
	VK7LZ	3—3—	30
21 Mc.	VK4FJ	10—12—	2,244
	VK3PG	5—9—	742
	VK2GW	6—6—	480
	VK3XK	4—5—	242
	VK7LZ	2—3—	20
Fiji Islands			
All Bands	VR2CG	50—66—	95,920
Hawaii			
All Bands	KH6IJ	63—83—	283,094
	KH6MG	57—60—	144,378
	KH6PM	18—18—	14,724
3.5 Mc.	KH6IJ	5—5—	1,410
	KH6MG	4—4—	912
7 Mc.	KH6IJ	16—24—	28,320
	KH6PM	15—17—	12,128
	KH6MG	13—27—	6,129
	KH6AJP	8—9—	1,496
14 Mc.	KH6LG	23—36—	49,678
	KH6IJ	24—37—	47,946
	KH6MG	21—24—	29,520
27 Mc.	KH6IJ	12—13—	6,925
	KH6MG	8—8—	3,072
	KH6PM	3—1—	120
28 Mc.	KH6MG	11—10—	945
	KH6IJ	6—4—	270
Marshall Islands			
All Bands	KX6AI	35—49—	68,376
New Hebrides			
All Bands	YJ1AB	13—14—	3,834
New Zealand			
All Bands	ZL1MQ	44—52—	55,200
	ZL2GS	38—51—	49,128
	ZL4BO	29—33—	9,920
3.5 Mc.	ZL4BO	7—11—	646
	ZL1MQ	5—8—	312
7 Mc.	ZL2MM	10—10—	4,440
	ZL2GS	7—5—	1,896
	ZL1MQ	8—7—	1,545
14 Mc.	ZL2GS	21—36—	16,074
	ZL2GX	20—32—	15,652
	ZL1MQ	18—25—	12,728
	ZL1RD	17—24—	8,897
	ZL3CP	18—27—	8,145
	ZL4BO	15—14—	2,668
	ZL1QW	15—16—	2,139
	ZL1HY	3—4—	84
21 Mc.	ZL1MQ	9—9—	2,610
	ZL2GS	10—10—	2,240
	ZL3EA	6—6—	816
	ZL4BO	7—8—	480
	ZL1HY	3—1—	144
(28 Mc.	ZL1MQ	4—3—	49
	ZL1HY	2—3—	25
Niue Island			
All Bands	ZK2AA	30—33—	31,752

Thanks to the following stations for submitting check logs.

VP7NM
F3HK
G14RY
OH7OR
W4PHJ
W6HPB

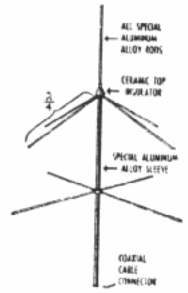
DL4LQ
W6EJA
LU4DMG
W6AL
VE3BDB

VP6AF
W8HUD
W3JSH
VK3VQ
KL7PL
VE3ADY

Master Mobile

SENSATIONALLY NEW!

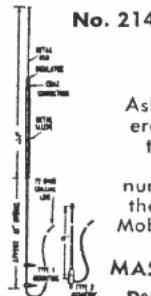
GROUND PLANE ANTENNA—
Model 300—Master De Luxe
...NEW!...brings in that DX for you. Outperforms any type of vertical dipole. "Drooping" Type Ground Plane plus four straight radials to give a low angle of radiation for general coverage. It gives an almost perfect circle radiation pattern. Ideal for CD and defense nets. Covers complete Amateur Band with excellent Broad Band characteristics. Other frequencies as specified. Matches 52 ohm coaxial cable through threaded coaxial fitting at end. Straight radials are adjustable (up or down) for purpose of eliminating standing waves on transmission lines. For medium or low-powered transmitters. Sturdily-built of finest alloys to withstand corrosion, high winds and extreme icing. With 36" length of 3/4" pipe for mounting purposes. Standard mounting facilities can be secured locally.



TWO METER COAX ANTENNAS

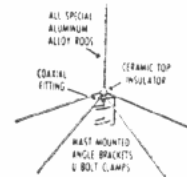
NO. 214—MASTER DELUXE — ruggedly-constructed, vertically polarized, frequency range 140 to 170 MC. Completely waterproof. Highly polished chrome enhances appearance of any vehicle. Furnished with 10' of 72 Ohm Coax Cable. **MOUNTING TYPES:** Type 1 — on side with 2 brackets furnished — **NET: \$15.95.** Type 2 — **MASTER MOUNT (No. 132X or 140X).** Mounts sold separately. Complete \$17.45. Adjustable mounting—adjusts to 17".

MODEL 300 —
AMATEUR'S NET: \$12.95
2 METERS — 140 to 162 MC.
Model GP-4. Four "Drooping" Radials for perfect match to 52 ohm coax cable. Complete amateur band coverage. Specify other frequencies. Attaches to Mast with U-Bolts. (U-Bolts and Mounting Brackets furnished.) Also attachable to side of building. Sturdy, with special alloys, to withstand corrosion and extreme weather. **Model GP-4 AMATEUR'S NET: \$5.95**



No. 214

WRITE—
Ask for literature on the more than 70 numbers in the Master Mobile Line



2 METERS — 140 to 162 MC.
MASTER — THE FIRST WITH THE FINEST
Dealer Inquiries invited. All prices amateur's net.

Master Mobile Mounts, Inc.

P.O. BOX 1817 · LOS ANGELES 36, CALIFORNIA
WAREHOUSE AND SHIPPING ADDRESS: 1306 BOND STREET

GET YOUR COMMERCIAL TICKET EASIER WITH...

RADIO OPERATOR'S LICENSE Q AND A MANUAL (4th Edition)
by Milton Kaufman
Covers Elements 1 through 8. Complete discussion of answers to every technical question in the F.C.C. Study Guide! Used by over 50 leading schools. Only \$6.60 at jobbers, bookstores or direct from—



JOHN F. RIDER Publisher, Inc.
480 Canal Street, New York 13, N. Y.