



Bouquets to the strong South American effort by YV5AGD on both c.w. and phone. With 435,150 c.w. and 252,180 phone points, Antonio was 2nd highest DX scorer in both contests, a total of 2868 contest QSOs! With such an improvement over his 1961 score, this station should be tough to beat in the 1963 ARRL DX Contest.

Scores Climb Despite Conditions

Official Results — 1962 ARRL International DX Competition

TWENTY meters was open to Central Asia via the short skip path over the North Pole at 1430 GMT, 17 March. The boys were working such juicy ones as AC5CP, VQ8BM, and VU2AJ. Those who had worked them were frantically searching for additional rare multipliers during the short opening. And there one was . . . a weak watery signal with a slow halting fist calling a long long CQ . . . *dah dit dah dit dah dah dit dah*. You could feel the receivers stopping on the frequency, beams zeroing in, and hear a few of the boys swishing in and peaking their finals. Oh boy, was it a JT1 or AC3? There, he's finally signing . . . *de de KN1 — KN1 —*. Don't ask me, I don't know."

Sounds like an Alfred Hitchcock thriller, but W9IHN depicts this episode from the 1962 ARRL DX Contest of last February and March. What is a DX Contest anyway? Ask any entrant and he probably isn't sure himself. Said K1PIA, mystified at his own participation: "Hadn't planned to enter, but once started, I couldn't stop." Is it the competition? Is it a chance to get new countries for DXCC? Is it a chance to demonstrate your ability to entice DX with operating skill during a given span of time?

The ARRL DX Contest is fair game for *everyone*, both the casual and serious DXer. The long hours might be tough on the OTs out for score, but it provides the peanut whistles a better chance to sneak the rare ones while the kilowatts are napping. Gives everyone a better chance, too, should there be a band washout. The DX Contest is popular too for the DXer who can't "live" by his rig sleeping with a mike in his mouth and a key clutched in his paw, in order to make the DXCC Honor Roll. The c.w. contest is traditionally a jewel, with the phone contest a pot of fun, too. Why not make it a sideband contest is a question sometimes asked. Well, what is the phone contest now? Why put blinders on the contestant? If he can come up with a winning score on sideband, a.m., n.b.f.m., or tin cans hitched together by a wet string, or a combination of all, what dif-

ference does it make? It's a voice contest. You pick the way you want to talk, not ARRL.

The ARRL International DX Competition, with this its 28th running, is deeply rooted in the history of amateur wireless. F8ZF reminds us: "People don't seem to realize the ARRL DX Contest is the continuation of the First Transatlantic Tests. I was too young for these, but the DX Test is the occasion for meeting old friends and making new ones." Yep, the 1962 DX Contest was the latest in a long line of challenges to the DX Contester. Let's examine just what transpired in the February-March 1962 fracas.

C.W. Highlights

It's no secret the m.u.f. has been dropping like a balloon leaking hydrogen, but it's also obvious from this year's scores that the DX hounds have been compensating for it with more use of 40 and 80 meters. Actually, conditions were really pretty fair both c.w. week ends,



with 15-meter openings giving the boys a needed boost. Unfortunately, most of the DX crowd had long given up on 10-meters as a "Silent Key," and thereby missed some good opportunities. W6GQK bemoaned the fact with: "Band conditions were good considering the fairly low sunspot numbers. Ten meters was open during the day, but not much use was made of the opening." Newcomer K1NOL commented: "The only c.w. contact made in two years in amateur radio on 28 Mc. was during the ARRL DX Contest." WA2IZS detected a faint pulse: "Ten meters still has some life in it yet." The 10-meter ship may have a considerable starboard list, fellas, but let's not give up the ship until it's sunk!

Scores took a considerable upturn this year. Last year only 27 W/VEs topped 200,000 points compared to 59 this year, while 30 non-W/VEs broke 100,000 to 41 this year. W3MVB ponders an explanation: "Band conditions are going down with the sunspots, but my score has doubled each year for the past three years. What's the reason? Experience and improved operating practices? According to my graph, watch out next year." Conditions to the Indian Ocean and Asia were in the doldrums with our good friend Milt, VQ8BM, noting: "Band conditions were very poor compared to last year, openings being of much shorter duration. Next year I expect to be back in the U.K. under my former call, G3GVQ. Have really enjoyed the DX Contests." VU2MD reported poor conditions with only short band openings to W/VE. When they were coming through though, a host of callers were on frequency, with WA6KMF noting ZK1AR's command to the tailending flock of brethren: "I'm going to work K9VRU or bust." Meanwhile, luck was with K7CTI who "was pleased to snag VS4RS in Sarawak one-half hour before the contest was over."

Rigs ranged all the way from complete kilowatt S-Lines for each band to mobile rigs like K3JOY/1: "Yes, I know it is probably the lowest submitted score, but I'm proud of it. It may interest you to note that K3JOY/Mobile in Mass. worked UA3HR, my first real DX from the car. Maybe I get the booby prize for the lowest submitted score, but by golly, I was in there trying!" W6ERS philosophizes on power: "I have worked these contests with everything from a 5-watt 6AQ5 crystal oscillator to the present 800 watts. Having now discovered how much easier it is to work them with 800 than with 5 or even 500 watts, I must reluctantly conclude that Lord Acton's celebrated dictum has an application not dreamed of by him: 'Power corrupts, and absolute power corrupts absolutely.'"

Power rates operating ability as well, with W5BUK nominating HC1AGI, with a kilowatt of operating skill, for the "Most ubiquitous," that is being everywhere with the mostest most of the time. HC1AGI was just that for the world's top score with Don McClenon, W3EIS/HC1DC operator, keying 826,677 points to become the first winner of the brand new and top DX trophy

LISTED ARE COUNTRY TOTALS MORE THAN

20 ON	3.5 Mc.
50 ON	7 Mc.
75 ON	14 Mc.
60 ON	21 Mc.
15 ON	28 Mc.

(Lower Totals Not Listed)

CALL	3.5 Mc.	7 Mc.	14 Mc.	21 Mc.	28 Mc.	CALL	3.5 Mc.	7 Mc.	14 Mc.	21 Mc.	28 Mc.
W1BIH	20		85	77	19	W4DQS	34	68	81	77	20
K1DIR	23					W4DXI	20			61	
W1JYH	21	53	96	66		W4HUE		52		65	24
K1MLI			96			W4JAT			77	61	
K1MOD				63		W4JFE			86		
W1NJL	28					W4KFC	42	72	94	80	24
W1QMM	20					W4KXV*	31	69	102	86	19
W1WY				68		K4LPW				68	15
W2AYJ	22	76	75	62		W4OPM			75		
K2DCA		52	83	75	21	W4RQR	25	59	77	77	23
K2DGT	36	70	76	71	21	W4SHJ	21				
W2EQS	23					K4TML	31	63	76	76	18
W2ESO			78	61		W4YWX		51		81	
K2FC			77			K4ZKI			76	69	15
W2FXN			84			W5BRR				70	
K2GUN	23		79	64		W5CKY				75	19
W2HMJ			79			W5WZQ		69		60	15
WA2IZS*					17	W6CYI					16
W2WZ			82	65		K6EVR*	26	86	94	75	15
W3ALB	22	58	89	75		W6HJT					17
W3AFM				76		W6HOC					19
W3BYX*			51	77		W6IBD			82		16
W3ECR	37	75	84	80		W6KG					16
W3EIV	26	62		67	16	W6LDD					15
W3EQA		56				W6PQW		58			
W3GHH*				60		W6RW*	27	80	98	70	20
W3GQF*		53	75		17	W6TZD					18
W3GRF	37	73	90	79	15	W6WGB					19
W3IYE			76			KH6IJ			85		
W3KFO*		66	76	63		W7PGS			75		
W3KT				63		W8FGX	70	81	78	20	
W3MFJ			76	60		W8JIN		71			
W3MSK*	37	87	118	96	25	W8ZJM	20			69	
W3MSR					15	W9GIL				60	
W3MVB		80		64	21	W9IRH			81		
W3MWC*		67				W9JGV				62	
W3QQL					15	W9NII				64	
W3SQX		60	79			W9RQM				65	
W3TMZ*	35	60	88	72		W9VSO				65	
W3WJD*		58		62		W9WNV	25	77			
W3ZAO	20	50		68		WØBMM	51		61		
W4AZK			77			WØBTD				73	
K4BAI				65		WØFDL			77		
*Multi-operator							WØAH/VE3	23	65	81	67



Top c.w. score from Africa was 5N2JKO with 1211 c.w. contacts, multiplier of 45, and 163,485 points, plus 50,826 points in the phone contest. Nice going, Mike, on earning two certificates.

DX Continental Champions

C.W.		Single-Operator		Phone	
5N2JKO	163,485	Africa	VQ2AT	53,880	
KR6AR	201,131	Asia	KA2MA	35,560	
G4CP	264,300	Europe	OE1RZ	126,550	
KP4CC	328,866	No. America	XE1CV	327,510	
VK2GW	205,632	Oceania	KW6DG	92,432	
HC1AGI	826,677	So. America	YV5AGD	252,180	

in the world, the *Carl-Eric Rosen SM5BUG/9Q5 Memorial Award*, donated by Harry Nadley, W3INH. This trophy is to be presented annually by W3INH to the highest scoring single operator in the ARRL DX Competition as a memorial award to some famed DXer passed away. This year's trophy is in memory of SM5BUG/9Q5 who gave his life in United Nations' service in the Congo as radio operator aboard the aircraft of Dag Hammerskjold that crashed near Ndola, Northern Rhodesia.

U.S.A.-way, Vic Clark, W4KFC, earned top honors with 721,112 points. Here's the way the top W/VE single operator scores over 200K points (200,000 points, that is) stacked up: W4KFC 721K, W3ECR 656K, W3GRF 635K, K2DGT 564K, W4DQS 539K, W8FGX 472K, W3ALB 458K, K4TML 454K, W4RQR 447K, W0AIIH/VE3 436K, W1BIH 419K, W3MVB 405K, K2DCA 391K, W1JYH 383K, W3EIV 380K, W2AYJ 375K, W2WZ 345K, K2GUN 299K, W3ZAO 298K, W4HUE 294K, W6IBD 293K, W5WZQ 283K, W4JAT 273K, W3SQX 267K, W5CKY 263K, W6HJT 261K, K1DIR

258K, W8ZJM 256K, K4ZKI 252K, W4AZK 251K, W4JFE 248K, W3IYE 241K, W4YWX 231K, W9WNV 229K, W3MFJ 226K, WA2OJD 226K, W1FZ 224K, W2ES0 220K, W6LDD 219K, W6KG 218K, K4LPW 215K, W9RQM 212K, W2FXN 210K, W7PGS 206K, W0BMM 204K, W5BRR 200K, W3OCU 200K. Fantastic multi-operator station W3MSK did it again to break the magic one-million with 1,102,101 points, operators W3MSK, W3MCG, W3PZW, W3JTC, W3KDP, W4IYR, W3FYS, W6HOH, and K3MZY turning the trick. Following W3MSK were multiple operator stations: W4KXV 754K, W6RW 620K, K6EVR 586K, W3TMZ 480K, W3KFQ 366K, W3WJD 346K.

The DX stations really put in a concerted effort this year. These top scorers all topping 100,000 points deserve special mention: HC1AGI 826K, YV5AGD 435K, PY4OD 332K, KP4CC 328K, YN1AA 307K, YV5ANT 269K, ZP9AY 266K, G4CP 264K, HK7ZF 244K, T2CAH 223K, FP8BX 219K, HP1IE 210K, G13OQR 206K, VK2GW 205K, KW6DG 203K, KR6AR 201K, GW3JI 198K, JA1VX 196K, OK1ZL 193K, OX3DL 187K, OE1RZ 186K, ON4GL 186K, CE3AG 182K, G6BQ 177K, F9MS 170K, 5N2JKO 163K, F8VJ 162K, G2IC 158K, CE1AD 155K, G2QT 151K, CE3RY 147K, JA1CO 144K, ZK1AR 138K, JA1BWA 137K, OK1GT 126K, CT2AI 121K, PA0ADP 116K, PA0LOU 112K, EI6D 102K, VP2AB 100K, and multi-op DL4QF 120K.

The c.w. contest sure makes the DX bands hop. To conclude the c.w. highlights W3URE observed: "The strangest thing was at the end of the contest at 2400 Sunday evening. At 2359 bedlam and DX galore. At 2400, a practically dead band." And thus it is until the ARRL C.W. DX Contest 1963.

C.W. Call-Area Leaders

Single-Operator

W1BIH	419,676	W9WNV	229,467
K2DGT	564,138	W0BMM	204,980
W3ECR	656,232	VE1EK	15,582
W4KFC	721,112	VE2BV	114,587
W5WZQ	283,716	W0AIIH/VE3	436,590
W6IBD	293,262	VE1XO	91,800
KH6LI	146,520	VE5JV	4461
W7PGS	206,853	VE6IG	20,670
KL7JDO	12,012	VO2NA	11,808
W8FGX	472,752		

¹ W3MFW, opr.



Pausing from the sweltering heat of both the weather and the DX Contest, KR6AR tunes in another station. With a 32S-1 and KWS-1 transmitters, 1140 contacts were made during the contest for highest c.w. Asia score. Since December 1960, over 4000 QSOs have been made by KR6AR. February 1963 calls for the return trip to K9EHS.

QST for

From QST for 1962 QST © ARRL

Phone Highlights

The ARRL DX Phone Contest marches on! High scoring K2GXI sums it up with: "Scores continue to mount despite declining conditions." It's "lots of fun, work, misery, and cussin'" according to W6OMR; what a ball! Sideband continues to predominate and grow, perhaps explaining the higher phone scores. Although some of the gang grumbled at waiting in line for s.s.b. exchanges, K6TIP/6 liked his first DX Contest adventure: "As you can see by the miniscule size of the score here, I'm doing this not in any hope of award or glory, but just to keep 'the other haboons on the course' honest, as Stirling Moss has said. Never having entered the DX Contest before this year, I have nothing with which to compare my achievements. Nevertheless, I feel compelled to remark how simple s.s.b. contacts are in the DX Contest, no calling up or down frequency; the only skill involved is timing the call properly. Just holler when nobody else is hollering and you got the answer."

The phone men also tripped up by not holler- ing enough on 10 meters. "Long openings on 28 Mc. to America. These were not exploited to the fullest advantage by the American sta- tions, consequently comparatively low score on that band."—VQ2AT. "If more people had known 10 meters was open."—W8IBX. "Good to see 10 meters still kicking. Didn't think she would open up this year."—KW6DG.

W2HMJ "nominates CR6CA for special prize for outstanding job of still making QSOs after he had lost his voice," while W9GAI goes for snappy operating: "My nomination for excellent operating goes to VP5BP—even if I did wait almost an hour for him to call for W9s." KØIKL used her feminine voice to best advantage: "It's loads of fun to join 100 guys to call a rare one and to have the DX station say: 'QRX, fellows. Let's give the YL on frequency a chance.'" Ye gads, OMs, we haven't a chance against that weapon!

Score is the object, and these W/VE single operator top-notchers bested the phone fraternity with 100,000 points and over: W1ONK 351K, K2GXI 349K, K5MDX 255K, W4KFC 249K, W4BVV 242K, W9DUB 179K, K2IEG 174K, W2FXN 157K, W9NZM 121K, K8PUU 120K, W2WZ 117K, W3TLN 112K, K1RTB 108K, W3WJD 105K, W4JFE 104K. And multi- operators: W3MSK 384K, W1HKK 296K, W8NWO 222K, K6EVR 198K, W3GRF 163K, W8NGO 159K, W3Kfq 132K.

Conditions weren't very good to Laos, but Clay, XW8AS, managed to contact a few anxious W/VE stations during the phone contest. Rig is a KWM-2 to a dipole, replaced since by a cubical quad.

NUMBER OF COUNTRIES WORKED BY BANDS

LISTED ARE COUNTRY TOTALS MORE THAN

5 ON	3.8 Mc.
20 ON	7.2 Mc.
50 ON	14.2 Mc.
90 ON	21.25 Mc.
25 ON	28.5 Mc.

(Lower Totals Not Listed)

CALL	3.8 Mc.	7.2 Mc.	14.2 Mc.	21.25 Mc.	28.5 Mc.	CALL	3.8 Mc.	7.2 Mc.	14.2 Mc.	21.25 Mc.	28.5 Mc.
K1RTB	6	52				W3TLN				56	50
W1BIH	8	54				W3WJD				50	53
W1HKK*	38	20	66			K4BUJ*	5				
W1NJL	28					W4BVV	16	37	61	62	
W1ONK	28		83	54	32	W4JFE	7	72			
K2DCA				52		W4KFC	14	72	63	35	
K2DGT	13					W4LZW					56
K2FC				58		W5AJY	7				
K2GXI	20	45	69	65	29	K5IKL					96
K2IEG	25		96			K5MDX	23	32	72		34
W2BQM	13					W5KC	9				
W2CYX			61			K6EVR*	9	22	58	56	26
W2FXN			73	50		K8PUU	8	20	54	54	20
W2GBC			60			W8BF			50		
W2QKJ	6		51			W8NGO*	5		62	53	
W2WZ			61	53		W8NWO*	10	32	63	57	25
W2ZX					26	K9ECE					51
WA2JBG			52			W9DUB	9	51	62	35	
W3ALB	14		57			W9JYJ	6	20	55		
W3AYD			67			W9NZM	11				34
W3GHD			61			W9YSQ					52
W3GHM*			56			W9YT*	13				51
W3GRF*	13		68			KØIKL			50		
W3JTC			85			WØBTD	5				26
W3Kfq*	16		52			WØNFA			62		
W3KT			55	53		VE1BC	24				
W3MSK*	27	27	77	72	28	VE2UI	21		55		
W3PHL			55			VE3PV	8				

* Multioperator



October 1962

From October 1962 QS



ARRL Director Bob Denniston, WØNWX (of VP1JH fame) visits Canadian Director Noel Eaton (right), VE3CJ, at his Cayman Islands VP5BP QTH. Bob, christened "The Golden Fist," managed just a brief c.w. stint with the resultant pileup, with VE3CJ making a serious phone effort, good for nearly 1000 QSOs, 6th highest DX phone score. Understandably enough, Noel claims that a long wire automatically gains 15 db. when it's radiating "de VP5BP."

Disqualifications

The following are deemed ineligible for score listing or awards. In each case disqualification under contest rule 14 was in view of non-observance of FCC rules as reported by at least two accredited Official Observers, or by a single FCC citation. Such violations as out-of-band operation, phone splatter outside band edges, key clicks and spurious signals, etc. were the criteria for these disqualifications: *C.w.* — K2BMI, W2MUM, WA2TWG, K4LIQ, W5MCO, WA6AYF, W6OMR; *Phone* — W7BTH, K7MLD/2.

Finis

The 1962 ARRL DX Contest surely was a lot of fun, and let's look forward eagerly to the 1963 contest. But let's remind ourselves not to let our eagerness get the better of us in our operating practices, by keeping in mind this DX Contester's Code:

Don't be a DX hog.

X-ert your influence to promote clean operating techniques.

Courtesy is only a word until you practice it.

Obey all regulations.

Never test without a dummy load.

Timely calls mark a good operator, so *listen* first.

Employ proper phone procedure.

Send code properly.

Try your best to set an example for others to follow.

— J. F. L.

Twenty-Eighth ARRL International DX Competition

Operator of the station first-listed in each section and country is winner for that area. . . . The multiplier used by each station in determining score is given with the score — in the case of U.S.-Canada this is the total of the countries worked on each frequency-band used; in the case of non-W/K/KH6/KL7/VE/VO entries it is the total of the U.S.-Canada districts worked on each band. . . . The total number of contacts is listed next. . . . The letters A, B, and C approximate the input to the final stage at each station; A indicates power up to and including 150 watts; B indicates over 150 watts, up to and including 500 watts; C indicates over 500 watts. . . . The total operating time to the nearest hour is given for each station and is the last figure following the score. . . . Examples of listings; W3ECR 656,232-296-740-BC-80, or final score 656,232; multiplier 296; 740 contacts; power over 500 watts; total operating time 80 hours. . . . Stations manned by more than one operator are grouped in order of score following single-operator listings in each section or country tabulation; calls of participants at multi-operator stations are listed in parentheses. . . . In sections or countries where three or more multiple-operator entries appear, the top-scoring station is being awarded a certificate.

DX phone scores climbed skyward with these top operators with over 50,000 points earning special mention: XE1CV 327K, YV5AGD 252K, HC1AGI 231K, HI8DGC 230K, KP4AWH 220K, VP5BP 203K, FS7RT 167K, VP5CH 141K, LU1DAB 135K, OE1RZ 126K, PZ1AX 122K, CTIYE 119K, VP3HAG 105K, KW6DG 92K, YV5AKU 89K, KP4AVQ 82K, YV2CJ 62K, G3DO 61K, CO8JK 58K, HK4EB 55K, VQ2AT 53K, HR1MM 52K, F2MO 51K, 5N2JKO 50K, and multi-op CO8RA 141K, VP2GAA 58K.

The Clubs

Having lost three straight to the Frankford Radio Club and last year by a whisper, the Potomac Valley Radio Club could stomach the frustration no more. Dragging all their big guns to the front, the Washington-area crew bombarded all opposition with both barrels to smash the pursuers with 8,160,687 points. Outnumbered by the Frankford Club in entries, 60 to 48, the PVRC needed the really big scores to bag the cocobolo gavel, and outscore Frankford's 6,071,845. The Southern California DX Club maintained mastery over the Northern California DX Club for third place, while the Florida DX Club slipped into fifth with a thundering one-million-plus score. Watch that Florida gang in the future! Also topping one-million was the Order of Boiled Owls of New York who vastly improved their standing. A total of 27 clubs qualified for the listing, with many more ineligible for lack of three entries.

Certificates

Certificates are issued to each ARRL section leader on phone and c.w. and to each single-operator leading a country. A multiple-operator certificate is awarded to the highest scorer in ARRL section or country from which three such entries are received. Here's how many certificates are going out to happy recipients as a result of this year's fracas:

	c.w.	phone
Single-operator, W/VE	67	61
Multioperator, W/VE	3	0
Single-operator, DX	89	61
Multioperator, DX	1	0
Club	24	13

First time in the phone DX Contest yielded highest DX honors for XE1CV with 1214 QSOs, 90 multiplier, and 327,510 points. Carlos, who is secretary of the Mexican amateur society, LMRE, has participated in a couple of XE4, Revilla Gigedo, DX-peditions.



C.W. SCORES

ATLANTIC DIVISION

Eastern Pennsylvania

W3ECR1	656,232-296-740-BC-80
W3ALB	458,577-251-609-C-70
W3OQU	267,729-203-427-C-77
W3OCU	200,072-178-376-C-
W3QA	192,418-178-363-C-46
W3KT	191,646-163-378-C-
W3GDS	162,582-158-343-C-72
W3GHD	76,720-112-229-C-
W3ORU	74,472-116-214-C-45
W3QOC	63,504-112-183-C-
W3FDH	62,790-105-198-C-
W3IMV	61,380-93-220-B-24
K3AIG	37,485-85-147-C-20
W3HNI	26,532-67-133-C-34
W3BUR	24,336-78-104-C-
W3GRS	22,311-67-111-A-15
W3SOH	20,865-65-107-A-
W3CAA	20,493-69-99-A-15
W3YP2	15,132-52-97-B-43
W3WUH	13,050-50-97-B-10
K3HTZ	10,293-47-73-A-38
K3JHG	9,462-38-83-C-6
K3JCT	7,320-40-61-A-
W3ADZ	7,056-42-56-C-8
K3JLL	5,313-33-55-A-14
K3HYT	3,780-28-45-B-15
K3JNP	3,441-31-37-A-20
W3NCW	3,360-28-40-A-11
K3RFB	2,464-22-38-B-20
W3URE	1,836-18-34-B-9
K3MHT	1,620-18-30-A-10
W3HNT	720-12-20-B-7
W3JSA	630-14-15-A-4
W3LEZ	330-10-11-B-5
K3LXK	294-7-14-A-
K3CNN	264-8-11-B-2
K3OWE	60-4-5-A-1
K3LWY	3-1-1-
W3KFQ (K3JGJ, W3KFQ)	366,605-227-539-C-92
W3WJD (K3s JGG NFA, W3WJD)	345,084-221-522-BC-96
W3MWC (W3s HHK MWC)	276,588-197-468-C-79
W3GHM (W3s GHM KDF NOH)	265,608-204-434-C-

W3BYX (W3s BYX DAO)	198,390-170-389-B-92
W3DBX (W3s DBX ISE)	179,520-170-352-B-60
K3NUM (10 oprs.)	73,590-110-223-C-80
W3QMZ (K2JXX, W3QMZ)	56,145-95-197-C-54
W3DAO (W3s BYX DAO GSY)	12,012-52-77-C-

Md.-Del.-D. C.

W3GRF	635,580-297-714-BC-80
W3MVB	405,123-249-543-AC-91
W3EIV	380,316-246-516-BC-80
W3IYE	241,226-206-391-C-47
W3MFJ	226,793,179-423-C-75
W3KA	145,962-153-318-B-47
W3ZQ	137,538-162-283-C-60
W3QAL	102,340-140-245-B-40
W3MSR	96,444-141-228-C-40
W3DRD	76,200-127-200-C-35
W3AEL	58,740-110-178-C-25
W3FRZ	53,895-105-171-C-34
W3AFM	41,724-78-183-C-32
W3EVW	40,500-90-150-C-20
W3RNY	37,230-85-146-C-35
W3WV	35,064-72-163-C-67
W3WU	18,000-60-100-B-
W3BKE	14,382-51-94-B-20
W3EPE	8,928-48-62-C-18
W3GAU	5,640-40-47-B-8
K3MZT	3,688-27-48-B-24
W4EXM/3	1,653-19-29-A-4
W3FMS	918-17-18-C-4
W3AEM	900-12-15-A-14
K3JUZ	663-13-17-B-5
W3BVO	95-5-7-B-4
W3MSK (9 oprs.)	1,102,101-367-1001-BC-96
W3TMZ (K3NZV, W3TMZ)	480,972-269-597-AC-85
W3GGQ (8 oprs.)	277,134-221-418-BC-75
W3AYD (W3s AYD IPO)	52,734-94-187-C-25

Southern New Jersey

K2DCA	391,980-235-556-C-67
W2FXN	210,942-179-406-C-38
K2GHH	138,165-151-305-C-75
W2GGL	89,154-127-234-BC-47
W2HDW	56,970-90-211-A-20
K2OEA	48,450-95-170-A-28
W2AIEK	42,504-88-161-C-52
K2CPR	40,830-94-145-B-28
W2ABLV	26,280-73-120-AB-12
W3DVF/2	22,818-68-112-AC-
W2QKJ	18,480-56-110-B-30
W2SDB	12,690-47-90-AB-20
W2PAU	9838-52-63-C-10
K2BG	8643-43-67-B-15
W2NSJ	8052-44-61-B-14
W2FYS	7020-36-65-B-15
W2DAJ	4488-34-44-B-9
W2AHS	3321-27-41-A-5
W2BEL	324-9-12--
W2AHJF	297-9-11-A-5
K2SQM	147-7-7-A-2
K2OXN	135-5-9-C-2
K2HBY	126-6-7-A-4
W2AIZS (W2QDY, W2AIZS)	218,546-187-386-B-85
W2AKWS (2 oprs.)	5130-30-57-B-24

Western New York

W2DSB	129,600-144-300-C-48
W2YRH	109,500-125-292-C-60
W2BJH	95,634-126-253-C-56
K2TQC	91,392-128-238-B-36
K2LWR	89,688-101-296-B-56
K2INP	38,250-85-150-C-30
W2DOD	34,283-79-146-B-20
W2ALD	32,964-82-134-C-26
W2QQ	19,392-64-101-B-12
W2LJX	13,311-51-87-AC-50
W2FXA	9594-41-78-B-5
W2PDB	7560-36-70-C-10
K2DJD	6435-39-55-A-7
K2KBI	3219-29-37-B-31
W2KAT	960-16-20-AB-10
W2WGI	922-11-24-A-28

W2AOIL	108-6-6--
W2AQMJ	40-4-4-A-
W2CXM (5 oprs.)	66,690-95-234-AC-78

Western Pennsylvania

W3ZAO	298,368-244-444-C-60
W3LIV	15,675-55-95-A-36
K3PZU	7065-45-53-AC-23
W3KQD	5952-31-64-A-15
W3UHN	1254-19-22-A-7
W3VK	468-12-13--
K3NHZ	429-11-13-A-5

CENTRAL DIVISION

Illinois

W9WNV	229,467-233-343-C-48
W9NII	124,122-151-274-B-58
W9IRH	98,425-127-259-C-68
W9DWQ	79,296-112-237-C-40
W9JWJ	29,820-70-142-AC-29
W9WUO	27,588-76-121-B-15
K9WRX	22,776-73-101-C-19
W9WYB	20,808-68-102-C-10
W9QQG	18,819-61-103-B-30
K9VPY	15,552-48-108-B-36
W9GMS	12,600-50-84-B-32
K9LSN	12,430-55-76-B-22
W9IVG	5439-37-49-C-14
K9MBM	3030-30-39-C-36
W9BHC	2520-24-35-B-9
W9ZYD	1932-23-28--
K9ZQW	1539-19-27-B-13
W9CLH	756-12-21-C-2
W9QM	396-11-12-C-
K9KDI	216-8-9-B-
K9JSV	147-7-7-A-

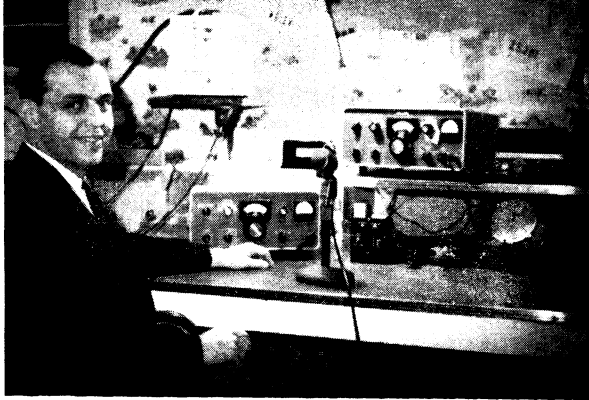
Indiana

W9LKI	10,062-43-78-B-21
K9LVK	7920-44-60-A-30
K9IOO	528-11-16-A-12
K9VRU (6 oprs.)	78,720-128-205-C-96

CLUB SCORES

Club	Score	C. W. Winner	Phone Winner
Potomac Valley Radio Club	8,160,687	W4KFC	W4KFC
Frankford Radio Club	6,071,845	W3ECR1	W2FXN
Southern California DX Club	2,803,046	W6IBD	W6KPC
Northern California DX Club	2,145,491	W6LDD	W6SIA
Florida DX Club	1,600,742	W4DQS	
Order of Boiled Owls of New York	1,323,639	W2AYJ	K2FC
Connecticut Wireless Assn.	891,804	W1BIH	W1BIH
Lake Success Radio Club (N.Y.)	847,689	K2DGT	K2DGT
Ohio Valley Amateur Radio Assn.	777,798	W6FGX	
South Jersey Radio Assn.	657,346	K2DCA	K2DCA
Niagara Frontier DX Assn. (Mass.)	612,661	K2TQC	K2GXI
Southeastern DX Club (Ga.)	571,422	W4DXI	
Milwaukee Radio Amateurs' Club	484,395	W9GIL	W9GIL
Waltham Amateur Radio Assn. (Mass.)	391,272	K1DIR	W1NJL
Nashua Mike and Key Club (N.H.)	321,007	K1RTB	
Order of Boiled Owls of Ohio	298,480	W18BX	
Virginia Century Club	230,397	W4OPM	
San Diego DX Club	160,281	K6BC	
Westpark Radios (Ohio)	157,035	W5YPT	W8BF
Willamette Valley DX Club (Ore.)	125,581	W7BTH	
Chicago Suburban Radio Assn.	105,120	W9DWQ	
The DX Club (Pa.)	85,614		
Columbus Amateur Radio Assn. (Ohio)	56,282		
Order of Boiled Owls of New Mexico	53,490	W5CK	W2SNI
Rochester DX Assn.	46,769		
North Penn Amateur Radio Club	39,243	W3BUR	
Horseshoe Radio Club (Pa.)	25,896	W3LIV	

1 W3MFW, opr.



Neat shack layout and operator K2DCA, who earned three certificates for the 1962 ARRL DX Contest. Besides winning top c.w. honors in Southern New Jersey, Paul was tops in the South Jersey Radio Assn. on both phone and c.w. A nifty c.w. score of 391,980 was one of the higher U. S. A. scores.

Wisconsin

- W9RQM... 212,355-195-363-BC-19
- W9GIL... 164,673-171-321- C-1
- W9VZP... 152,079-163-311- C-80
- W9QYW... 89,700-130-236- B-29
- W9YSO... 79,688-114-233- C-26
- W9KXK... 53,268- 92-193- C-36
- W9IHN... 47,784- 88-181- C-26
- W9RKP... 38,250- 75-170- -20
- W9SCZ... 14,742- 54- 91- A-1
- W9RH... 13,671- 53- 86- C-23
- K9OPF... 8,400- 40- 70- A-15
- K9YBC... 5,217- 37- 17- B-15
- K9VQP... 1,248- 16- 26- A-22
- K9YEL... 144- 6- 8- A- 8
- W9YT (5 ops.)... 228,096-192-306- C-69

DAKOTA DIVISION

North Dakota

- W8SDN... 10,209- 41- 83- A-20

South Dakota

- W8BLZ... 20,790- 63-110- C- 8
- W8WUU... 1,980- 22- 30- B-14

Minnesota

- W8MPW... 164,673-171-321- C-62
- K8RPO... 97,364-131-248-BC-05
- K8IKL... 75,924-111-228- B-58
- K8VTG... 20,274- 62-109- B-35
- W8LJN... 918- 17- 18- A-15
- W8YC (K6s LAX UXQ)... 2430- 27- 30- A-30

DELTA DIVISION

Arkansas

- W5GFT... 4,896- 34- 48- B-22
- K5A1U... 1,701- 21- 27- B-10

Louisiana

- W5KC... 148,281-161-307- C-61
- W5BTK... 94,164- 133-236- C-63
- W5V5Q... 11,985- 51- 81- C-41

Mississippi

- W5CKY... 263,340-220-309- C-55

Tennessee

- K4LPW... 215,340-185-388- B-50
- W4HOS/4... 3,567- 29- 41- B-14
- W4H8XZ... 810- 15- 18- B-29

GREAT LAKES DIVISION

Michigan

- W8KSR... 79,530-110-241- C-44
- K8QJH... 77,520-120-216- C-50
- W8UC... 62,109-103-201- B-49
- W8NGO... 36,960- 88-140- B-22
- W8EW... 25,740- 65-132-AC-29
- W88CU... 16,929- 57- 99- C-19
- W8YBH... 3,444- 28- 43- C-19
- K8ERO... 2,952- 24- 41- B-35
- W8MRS... 390- 10- 13- A- 7
- W8SPO... 126- 6- 7- A- 2

Ohio

- W8FGX... 472,752-268-588- C-60
- W8ZJM... 256,048-208-411-BC-54
- W8IBX... 112,036-148-255- B-42
- W8YPT... 91,872-132-232- B-38

- W8ZCQ... 81,252-122-222- C-32
- K8MTI... 69,741-123-189- B-1
- K8RMR... 36,354- 83-146- C-30
- W8JSC... 35,376- 67-176- C-18
- W8KC... 24,003- 63-127- B-27
- W8JIN... 21,939- 71-103- C-12
- K8NMG... 17,226- 58- 90- B-1
- K8SWE... 15,552- 54- 96- B-30
- W8JAE... 14,811- 51- 97- C-14
- W8GMK... 13,860- 60- 77- A-20
- W8YAL... 12,705- 55- 77- B-35
- W8DWP... 12,699- 51- 83- C-20
- W8EBZ... 7,866- 46- 59- C-19
- W8AJW... 6,552- 39- 56- A- 4
- K8IPS... 4,800- 32- 50- A-12
- W8KMF... 3,510- 30- 39- A- 6
- K8PYD... 1,224- 17- 24- A- 9
- W8VZE... 912- 16- 19- B- 4
- K8HTM... 504- 12- 14- B- 5

HUDSON DIVISION

Eastern New York

- WA2OJD... 226,440-185-408-BC-64
- W2HO... 124,944-137-304- C-46
- W2AGC... 31,290- 70-149- A-52
- W2NCL... 19,488- 58-112- C-14
- K2DEM... 27- 3- 3- C- 1

N. Y. C.-L. I.

- K2DYG... 564,138-279-674-BC-92
- W2AYT... 375,802-238-527- C-57
- W2WZ... 345,030-217-530- C-45
- W2ESO... 220,170-205-358- C-44
- W2IRV... 166,263-157-353- B-40
- WA2TJA... 138,600-150-308- C-31
- K2FC... 129,054-137-314- C-35
- W2SUC... 122,157-147-277- C-35
- W2GKC... 106,173-141-251- C-29
- K2YOR... 78,120-120-217- C-40
- WA2KSD... 64,521-107-201- -

ABC-59

- W2ZKQ... 62,832-112-187- C-25
- W2KIR... 60,822-109-186- B-30
- W2HML... 53,288- 79-224- C-1
- W2AZS... 40,716- 78-174- C-27
- K2ZYR... 30,150- 67-156- A-1
- W2ICO... 29,280- 64-160- B-28
- W2OBX... 24,075- 75-107- A-20
- K2RTH... 7,749- 41- 63- B-14
- W2NCG... 6,012- 36- 57- A-16
- WA2ICP... 3,969- 27- 49- B-13
- K2JOK... 3,330- 30- 37- A- 6
- W2JB... 2,898- 23- 42- B-12
- W2RLZ... 2,664- 24- 37- B-30
- W2PNW... 154- 7- 8- A-10
- W2NHU... 126- 6- 7- A-11

Northern New Jersey

- K2GUN... 290,478-225-449- C-74
- W2AIW... 47,085- 73-222- -
- K2FAC... 43,239- 71-203- B-35
- W2HUG... 26,136- 72-121- A-25
- W2EQS... 15,876- 63- 84-AC-1
- W2RKM... 15,582- 49-106-AC-13
- W2EHN... 14,025- 55- 87- B-15
- WA2GIX... 8,460- 47- 60- B-18
- W2KJH... 3,663- 33- 37- B-1
- WA2IDM... 3,198- 26- 41- A- 8
- WA2OCG... 1,620- 18- 30- B-10
- WA2DJL... 858- 13- 22- A- 4
- K2QAR... 810- 15- 18- -
- WA2MYB... 585- 13- 15- A- 4
- WA2YFB... 270- 9- 10- A- 4
- WA2KAZ... 270- 9- 10- A- 4
- WA2OXY... 240- 8- 10- A- 5

MIDWEST DIVISION

Iowa

- W8FDD... 123,669-151-273-BC-60
- K8QDI... 40,734- 73-186- A-1
- W8BSY... 1560- 20- 26- A- 8

Kansas

- W8DAE... 136,092-148-293- C-48
- K8YRQ... 33,948- 82-146- C-40

Missouri

- W8BMM... 204,980-185-336- C-94
- W8BTD... 148,920-170-292- A-60
- W8TCX... 58,092-103-188-BC-48
- W8GUV... 27,888- 83-112- C-41
- K8VSH... 4,455- 33- 45- A-30
- K8VUR... 243- 9- 9- -

Nebraska

- K8MRS... 192- 8- 8- A- 4

NEW ENGLAND DIVISION

Connecticut

- W1BIIH... 419,676-246-570- C-65
- W1IKB... 94,875-115-275- B-41
- K1MLI... 82,368- 96-286- C-48
- W1QV... 41,472- 96-144- C-20
- W1WY... 19,380- 68- 95- C-18
- W1AW... 10,800- 48- 75- C-11
- W1OJR... 10,350- 50- 69- B-11
- K1NHR... 6,930- 35- 66- A-12
- W1OIP... 6,405- 35- 61- A-30
- W1NTH... 4,773- 37- 43- B-12
- W1BDI... 2,940- 28- 35- B- 4
- K1GZJ... 945- 15- 21- -
- K1MIT (K1MT, W2FU)... 816- 16- 17- A-37

Maine

- W1GKJ... 35,256- 78-154- B-26
- W1TJQ (Wis TJQ VYE)... 8568- 42- 68- C-33

Eastern Massachusetts

- K1DIR... 258,687-201-429-BC-73
- K1MOD... 157,440-164-320- B-1
- W1NJL... 88,011-127-231- B-1
- K1PNP... 14,912-116-244- B-32
- W1EHT... 64,974- 98-221- B-34
- W1NS... 42,745- 83-173-BC-18
- K1NOL... 33,696- 72-156- A-40
- W1BQL... 14,112- 56- 84- A-33
- K1MPM... 4,368- 42- 68- B- 2
- W1PLJ... 3,159- 27- 39- B-20
- W1RST... 1,122- 17- 22-AC- 3
- K3JOY/1... 3- 1- 1- A- 3

Western Massachusetts

- W1JYH... 383,328-242-530- C-1
- W1AEW... 55,752-101-184- B-39
- W1UUK... 22,848- 64-119- A-46
- K1SAW... 7,182- 38- 63- B-1
- K1QPC... 612- 12- 17- C-1

New Hampshire

- W1FZ... 224,259-181-413- C-1
- K1RTB... 210,541-173-442- C-66
- K1PIA... 1,860- 20- 31- A- 5
- K1QID... 126- 6- 7- B- 3

Rhode Island

- K1LDK... 25,410- 70-121- B-18
- W1RFQ... 22,143- 61-121- A-17
- K1LPL... 15,561- 57- 91- A-15
- W1AWE... 8,640- 40- 72- -14
- W1DDD (K1LZW, Wis AUT YRC)... 16,050- 50-107- C-25

Vermont

- W1QMM... 142,350-146-325- C-1

NORTHWESTERN DIVISION

Alaska

- KL7JDO... 12,012- 42- 96- B-44
- KL7DQT... 5,800- 25- 78- A-13
- KL7DEM... 4,446- 26- 55- A-22

Montana

- K7CTT... 4,446- 26- 57- B- 6
- K7ABV... 1,152- 16- 24- A- 8

Oregon

- W7BTH... 42,504- 88-162-BC- -
- W7GBW... 23,010- 65-118- B-17
- K7ADD... 18,816- 56-112- C-29
- W7AC... 10,656- 48- 74- C-10
- W7HKT... 7,980- 35- 76- B-1
- W7DLR... 6,528- 34- 64- C-21
- W7QY... 4,557- 31- 49- C-1
- W7DJS... 4,050- 30- 45- A-32
- W7HBN... 2,880- 24- 40- B-12
- W7ENW... 2,700- 25- 36- C-1
- W7PLI... 1,932- 23- 28- A-10
- W7IYW... 1,900- 25- 30- C-1
- K7JYE... 1,260- 15- 28- A-22
- K7GIP... 92- 4- 8- A- 4

Washington

- W7PQE... 139,062-147-316- C-60
- W7ESN... 44,820- 83-180- C-28
- W7IEU... 9,384- 46- 68- B-70
- W7MH... 9,198- 42- 73- -16
- K7BVZ... 4,950- 33- 50- B-26
- K7JCL... 344- 8- 15- A- 7
- K7QWC... 80- 5- 6- A- 6

PACIFIC DIVISION

Hawaii

- KH6JJ... 146,520-148-330- C-60
- W7UXP/KH6... 6048- 32- 63- A-16

Santa Clara Valley

- W6IQC... 176,886-186-317- C-55
- W6ATO... 115,020-142-270- C-80
- W6ISQ... 106,920-135-264- C-43
- W6ZMW... 91,080-132-230- C-55
- W6SC... 72,732-116-209- C-1
- W6VX... 72,207-113-213- C-51
- W6KRV... 63,282-106-199- C-38
- K6HOR... 55,872- 96-194-BC-40
- K6BWX... 57,873-101-191- C-69
- W6HRS... 51,798- 97-178- B-1
- K6IEC... 25,773- 71-123- C-38
- K6VYA... 25,185- 73-115- A-13
- K6UYZ... 16,464- 56- 98- C-50
- W6QDE... 16,380- 52-105- C-18
- K6JC... 12,096- 42- 96- B-12
- W6IYN... 9,870- 47- 70- C-38
- W6HYM... 9,798- 46- 71- C-19
- W6GTA... 8,190- 42- 65- C-1
- W6RFF... 6,405- 35- 61-BC-14
- W6AGYK... 2,448- 24- 34- B-16
- W6CLZ... 1,596- 19- 28- B-11
- W6TCE... 1,170- 15- 26- B- 7
- W6PMM... 1,008- 14- 21-AC-1

East Bay

- W6LDD... 219,375-195-375- C-80
- W6KGG... 128,790-187-390- C-94
- W6PQW... 36,207- 81-149- C-1
- W6BBJ... 14,040- 52- 90- A-20
- W6LTF... 12,285- 45- 91- C-22
- W6PLI... 3,375- 25- 45- C- 8

San Francisco

- W6WB... 128,643-137-313- C-38
- W6ERS... 92,886-129-240- C-80
- W6BYB... 78,480-120-218- C-55
- W6MSS... 55,539- 99-187- C-61

VQ2AT, who was really popular for s.s.b. two-ways, logs another contact with XYL Pat looking on. Art, who led Africa on phone, is still looking for Utah to complete his WAS.



W6GQK...39,216- 86-152- C-30
K6OHJ...37,848- 83-152- C-25
W6GPB...12,393- 51- 81- C-10
W6WLV...1536- 16- 32- A-19

Sacramento Valley

W6ONZ...185,244-172-361- C-66
W6GRX...121,836-142-286- C-62
W68IA...17,112- 62- 92- C-16
W6BIL...8775- 45- 70- C-38

San Joaquin Valley

W6UJ...120,558-142-283- C-75
W6KJS...92,748-131-236- C- -
W6BVM...46,872- 93-168- C- -
W6UDR...44,226- 91-162- C-17
W6EFV...15,300- 50-102- C- -
W6BYH...8241- 11- 67-BC-7
W6MYP...606- 10- 20- B- 6

ROANOKE DIVISION

North Carolina

W1PLL...135,450-150-301- C-31
WA1FJM...2392- 26- 31- A-30

South Carolina

K4CSB...21,840- 65-112- A-35

Virginia

W4KFC...721,112-310-762-AC-76
W4RQR...447,354-261-572-BC-55
W4JAT...273,861-207-441- C-66
K4ZKI...252,860-188-419-B-66
W4JFE...248,300-178-465- B-58
W4OPM...120,800-134-300- C-30
K4ORQ...103,296-128-269- C-66
W4WBC...83,979-129-217- C-44
W4BVV...81,396-119-228- C-42
K4SXT...64,584-104-207- A-39
W4ZM...55,536-104-178- C-28
W4VBX...47,400-100-158- C-20
K4WUY...20,340- 60-113- B-15
W4LRN...19,890- 65-102- C-20
W4GIF...19,448- 68- 96- C- -
W4SNU...15,732- 57- 92- B-50
W4AMP...11,016- 51- 72- C-28
W41YR...9585- 45- 71- C-18
W4JLL...5775- 35- 55- C- 4
K4ZVS...5608- 36- 51- A-11
W4SHJ...2268- 21- 36- B-10
W4DLA...588- 14- 14- B- 6
W4VYB...216- 8- 9- A- -
W4KXV (4 ops.)
754,416-312-806- C-96

West Virginia

W8UMR...25,425- 75-113- A-13
W8BKK...12- 2- 2- A- 1

ROCKY MOUNTAIN DIVISION

Colorado

W0CDP...92,430-130-237- C-58
W0DZH...43,803- 98-149- C-28
K0RT1...280- 10- 10- A-10

Utah

W7BAJ...13,728- 52- 88- A-28
W7POU...6048- 28- 72- A-25
K5UYF/7...897- 13- 23- A- 8
W7EHX (W7s E11X POU)
60- 3- 4- A- 1

New Mexico

W5CK...28,272- 76-121- C- -
K5STL...22,620- 60-127- B-36
K5MAT...12- 2- 2- A- 2

Wyoming

W7PGS...206,853-191-363- C-59

SOUTHEASTERN DIVISION

Alabama

W3CHH/1...22,440- 68-110- C-50
W4SYY...12,420- 46- 90-AB-29
K4BQU...11,025- 49- 75- A-24
K4ZYP...9588- 47- 68- A-25
K4KJD...3612- 28- 43- A-20
W4DS...3348- 31- 36- - -

Eastern Florida

W4DQS...539,280-280-642- C-80
K4TML...454,344-264-575- C-54
W4HUE...293,372-221-444- C-62
W4AZK...251,856-198-424- C-58
W4CHA...44,496-103-144- C-28
W4LVV...35,126- 91-132- C-25
W4QVJ...25,764- 76-113- C-14
K4RQE...12,168- 52- 78- B-41
W4APB...1134- 14- 27- A-10
W4EEO...681- 12- 19- C- 8
W4RJL...198- 6- 11- A- 6

Western Florida

W4SHW...28,425- 75-127- A-26

Georgia

W4YWX...231,075-195-395- C- -
W4DXI...197,580-185-356-BC-79
K4BAL...179,478-169-354-BC- -
W4BFR...80,640-128-210- C- -
K4TEA...76,464-114-177- A- -
K4BVD...33,792- 88-128- B-10
W4HYW...3108- 28- 37- C- 7
W4BHG...360- 10- 12- B- 3

SOUTHWESTERN DIVISION

Los Angeles

W6IBD...293,262-222-441- C-79
W6CYL...195,444-178-366- C-76
W6TZD...189,502-178-353- C-61
W6FSJ...158,895-165-321- C-61
W6ANN...76,320-120-212- C- -
W6PBI...53,298- 94-189-BC-48
W6APIY...33,966- 74-153- A-15
W6CYV...21,504- 64-112- C-16
W6OES...19,845- 63-105- C- -
W6VUZ...15,895- 55- 97- B- -
W6NEX...12,903- 51- 85- B-29
W6APH...12,900- 50- 85-BC-45
W6AKMF...8364- 41- 68- A-20
W6AUMH...6188- 34- 62-AC-30
W6DQH...5700- 38- 50- C-34
W6OEO...5100- 34- 50- B-21
K6EGF...4312- 28- 52- A-23
W6GFE...2898- 23- 42- A-15
W6ATLL...1836- 17- 36- A-23
W6WNR...1248- 16- 26- A-12
K6YYJ...726- 11- 22- B- 4
W6GDS...684- 12- 19- A- 3
W61WE...459- 9- 17- A- 3
W6GEB...432- 8- 18- A- 4
W6HGC...408- 8- 17-AB-50
K6JBP...12- 2- 2- B- 1
K6MQG...3- 1- 1- - -
W6RW (4 ops.)
620,712-296-699- C-90

K6EVR (5 ops.)
586,376,296-661- C-94

W6NJU (K6s LKG YRA, W6NJU)
103,920-132-270- C-70

W6AJJ (4 ops.)
63,180-108-195- C-90

WA6AYU (K6QPH, WA6AYU)
23,316- 67-116- B-70

Arizona

W7ATV...47,628- 98-162- C-36
W7ENA...7869- 43- 61- A-18

San Diego

W6HJT...261,600-200-436- C-71
K6EC...64,848-112-193- B-26
W6CAE...63,438-109-195- C-20
W6CHV...31,995- 79-135- B-35
W6FAY...1377- 17- 27- C- 5
K6CQP...264- 8- 11- B- -

Santa Barbara

W6AGO...118,110-155-254- C-53

WEST GULF DIVISION

Northern Texas

W5DWO...35,313- 79-149- B-44
W5OLG...15,372- 61- 84- C-19
W5QF...3915- 29- 45- A- -
W51HW...1320- 20- 22- A-14

Oklahoma

W5EHY...7920- 40- 68- B-17
K5CPS...1620- 20- 27- B- 8

Southern Texas

W5WZQ...283,716-222-426- B-61
W5BRR...200,200-182-367- C-47
W5ARJ...42,717- 87-165- B- -
W5LJT...16,638- 59- 94- A-24
W5VA...6045- 31- 65- C-26
W5PM...2850- 25- 38- C- 5
W5ELN...430- 10- 15- A-12
W5ACL...3- 1- 1- B- 2
K5BHF (4 ops.)
83,965- 49- 95-BC-56

CANADIAN DIVISION

Maritime

VE1EK...15,582- 49-106- A-15
VO2NA...11,808- 41- 96- B-20
VE1AEC...3393- 29- 39- B-22
VO1AW...2484- 18- 46- A- 7
VE1AB...2337- 19- 41- A- -

Quebec

VE2BV...114,587-121-316- B-39
VE2AYU...4224- 32- 41- B-28

Ontario

W6AII/VE3
VE3ES...436,590-245-501-AC-66
VE3DBB...66,738- 98-227- A-45
VE3ACX...32,844- 68-161- C-56
VE3H1B...26,304- 64-137- B-53
VE3H1B...15,389- 47-109- B-32
VE3R1F...10,800- 50- 72- B- -
VE3ON...6720- 35- 64- A-11
VE3FE...1938- 19- 34- C- 4
VE3BPS...624- 13- 16- A-20
VE3BWW (VE3s BWY EWY)
22,338- 73-102- C-12

Manitoba

VE4XO...91,800-120-255- B-55
VE4JB (VE4s JB MP)
50,430- 82-205- C-79

Saskatchewan

VE5IV...4464- 31- 48- C-14
VE5PM...3192- 28- 38- B-20

Alberta

VE6UG...20,670- 53-130- A-31

British Columbia

VE7FC (VE7s FC Q11)
33,534- 69-164- C-70

AFRICA

Mozambique

CR7IZ...18,675- 25-240- A-12

Spanish Morocco

EA9AP...20,300-28-242- A-10

Liberia

EL4A...71,496- 36-662- A-24

Algeria

FA81J...93,900- 50-626- A- -
FA2GL...6180- 20-103- A- -

Sudan

ST2AR...44,268- 34-434- A- -

Kenya

VQ41X...13,920- 29-160- A- -

Mauritius

VQ8BM...3060- 17- 61- A-50

Southern Rhodesia

ZE2JS...17,814- 39-410- A-33
(Continued on page 106)

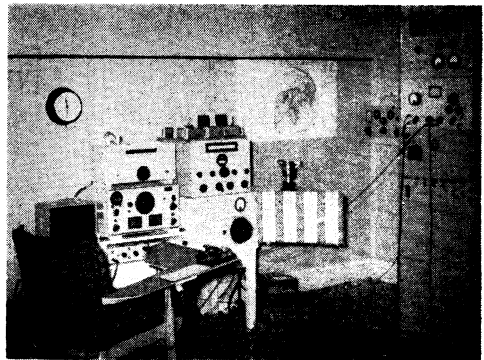
W3OVU found operating "from the other side of the fence" as 9G1DT a real pleasure. Operating time was limited by the availability of the generator, but when power was there, 9G1DT with this simple operating equipment really made hay.



DX Contest Results

(Continued from page 51)

Z8EJY.....43,461- 33-439- A-44	UA9KEE.....220- 5- 15- B--
<i>South Africa</i>	UA9KFG (UA0s EH FE)
Z86DZ.....39,520- 38-351- A-26	39,990- 31-140- B--
Z810.....12,036- 34-121- A--	UA9KDA (3 oprs.)
Z86AJ0.....5376- 14-128- A- 5	22,083- 18-110- B--
Z82E.....4540- 20- 76- A- 9	UA9JH (2 oprs.)
<i>Southwest Africa</i>	1495- 13- 56- A--
Z83EW.....12,642- 21-204- A-12	<i>Turkoman</i>
<i>Tanganyika</i>	UH8BI.....4690-14-112- A--
5H3HZ.....7128- 18-132- A- 7	UH8BO.....1440- 9- 61- B--
<i>Nigeria</i>	<i>Kirghiz</i>
5N2JKO.....163,485-45-1211- A-45	UM8KAB.....1773- 9- 66- A--
<i>Ghana</i>	UM8FZ.....95- 5- 7- A--
9G1DT.....12,978- 21-210- A-10	<i>India</i>
<i>Republic of the Congo</i>	VU2AJ.....5472-16-114- A--
9Q5AAA.....39,990-30-445- A- 9	VU2MD.....315- 7- 15- A--
ASIA	<i>Israel</i>
<i>East Pakistan</i>	4X4DH.....11,750-25-157- A--
AP5CP.....1104- 8- 46- A-35	<i>Kuwait</i>
<i>Formosa</i>	9K2AM?.....17,094-22-259- C--
BV2A (3 oprs.)270- 5- 18- B-56	EUROPE
<i>Iran</i>	<i>Portugal</i>
EP2BK.....55,356- 42-447- A-39	CT1SQ.....16,254- 27-201- B-10
<i>Korea</i>	<i>Azores</i>
HM4AQ.....10,680-20-178- A--	CT2AI.....121,000-10-1018- A--
HM1AP.....2556- 12- 71- A-14	<i>Germany</i>
<i>Saudi Arabia</i>	DJ2XP.....92,352- 52-592- B--
HZIAB (WITYQ, W8GCN)	DL1KS.....52,290- 42-115- A--
25,191-27-311- B-20	DM2ATL.....26,703- 27-335- A-33
<i>Japan</i>	DJ6RX.....22,074- 26-283- AB--
JA1VX.....196,456-52-1263- C-55	DL4FT.....18,133- 31-195- A-21
JA1CO.....144,153- 57-843- B--	DJ4VO.....17,160- 44-132- A--
JA1BWA.....137,394- 51-838- A-64	DL7BK.....4026- 22- 61- A--
JA7AD.....61,152- 32-637- A--	DM3VVL.....21,112- 16- 44- B--
JA5FQ.....41,230- 38-363- B--	DM3ML.....1870- 11- 57- A--
JA1M1.....32,935- 35-314- B--	DM2BCN.....1530- 15- 34- A--
JA1CG.....31,266- 27-383- A-63	DJ2RE.....405- 5- 27- B--
JA3CKL.....20,790-30-231- A-54	DL7EN.....360- 5- 24- B- 3
JA1SB.....7506- 18-139- A-20	DL4QF (DL4s QO QV)
JA7KY.....4719- 11-143- A-11	120,960- 48-810- B-96
JA1HP.....3690- 15- 82- A-13	<i>Spain</i>
JA1EM.....3600- 18- 67- A--	EA4CE.....60,228- 42-478- A-39
JA1HG.....2310- 14- 56- A--	EA5FI.....40,590- 33-422- A-18
JA2DN.....1944- 12- 54- B- 9	EA4FZ.....34,928- 37-319- A-35
JA6AKW.....980- 10- 33- A--	EA3NQ.....19,895- 23-301- A-24
JA6QA.....930- 5- 62- A-21	EA3LB.....4960- 16-107- A-30
JA70J.....690- 10- 23- A--	EA3GF.....2490- 10- 83- B- 4
JA8AA.....656- 8- 28- A- 7	EA5EF.....344- 8- 15- A-10
JA7AKQ.....624- 4- 52- A- 4	<i>Ireland</i>
JA8GR.....434- 7- 21- A--	EI6D.....102,735- 45-764- A-47
JA1FWQ.....428- 4- 36- A-13	EI9J.....98,580- 53-620- A-22
JA1FTL.....365- 5- 25- A--	EI9F.....6- 1- 2- A--
JA1DR.....270- 5- 18- A- 5	<i>France</i>
JA2AR.....225- 5- 15- A- 2	F9MS.....170,901-51-1117- A-48
JA6HC.....210- 6- 9- A- 4	F8VJ.....162,074-53-1020- A-45
JA4AXO/3.....162- 6- 9- A- 4	F8ZF.....98,900- 50-677- A-39
JA1EPE.....120- 8- 8- A- 3	F2FO.....18,630- 27-230- A-35
JA7JW.....108- 3- 12- A- 1	F2TM.....17,970-30-193- A--
JA1CUM.....52- 2- 9- A- 1	F8SQ.....8460- 20-141- A--
JA3CED.....52- 2- 6- A--	F3U.....1512- 14- 36- A--
JA6BCV.....30- 2- 5- A--	F2NZ.....234- 6- 13- A--
JA4ARR.....18- 2- 3- A- 2	<i>England</i>
<i>Ryukyu</i>	G4CP.....264,300-60-1506- A-54
KR6AR.....201,131-59-1140- ABC-65	G6BQ.....177,998- 61-975- A-53
KR6LJ.....50,061- 41-407- C-30	G2DC.....158,088- 56-941- A--
KR6LJ.....19,140-29-220- A-15	G2QT.....151,800-50-1012- A-51
KR6LD.....1728- 9- 64- B- 2	G3EYN.....16,972- 48-668- A--
KR8AU.....108- 2- 18- A- 6	G3APN.....15,975- 25-213- A--
<i>Asiatic Russians S. F. S. R.</i>	G3NIV.....3876- 12-111- A--
UA0JU.....12,104- 17-238- A-23	G3MZW.....1428- 12- 40- A- 9
UA0KDA.....10,620- 12-295- B--	<i>Northern Ireland</i>
UA0AG.....9216- 16-192- B-13	GI3OQR.....206,640-56-1230- A-62
UA0KSB.....4392- 12-124- B--	GI5UR.....17,136- 28-205- A-25
UA0KFG.....3708- 12-104- B--	<i>Wales</i>
UA0JH.....2456- 16- 72- A--	GW3JI.....198,432-53-1248- A-86
UA9BZ.....3276- 14- 78- A-26	GW3LJB.....3146- 13- 81- A- 7
UA9XG.....1240- 12- 65- A--	<i>Hungary</i>
UA90B.....1485- 15- 33- A--	HA6NI.....4485- 23-195- A--
UA9FM.....1320- 11- 40- B--	



100 watts to a 6146 made big noise for Wales' c.w. certificate winner GW3JI with scads of contacts logged on 80, 40, 20, and 15 meters. A terrific effort for 198,432 points!

HA5KFZ.....1092- 7- 52- A--	OK2KJU.....756- 12- 21- A--
HA4KYB.....570- 5- 38- A--	OK3SK.....504- 6- 28- B--
HA5KFR (3 oprs.)	OK2KGV.....405- 5- 27- A--
16,020-15-356- B--	OKINW.....234- 6- 13- A--
HA8KCI (3 oprs.)	OKIZW.....96- 4- 8- A- 2
648- 8- 27- A--	OKIAJT.....48- 4- 4- A--
<i>Switzerland</i>	OKINK.....12- 2- 2- A--
HB9JG.....51,947- 11-424- B-28	OK3KMS (2 oprs.)
HB9DX.....36,312- 34-356- A--	60,996-46-448- A-40
HB9NL.....12,075- 23-175- A--	3683- 11-112- A--
HB9UD.....6696- 36- 62- A-24	<i>Belgium</i>
HB9KC.....6630- 17-130- B- 8	ON4GL.....186,420-52-1202- A-43
<i>Italy</i>	ON4XC.....21,789- 27-269- A-28
II1AGA.....11,448- 27-144- A-30	ON1CF.....4596- 12-139- A-14
II1ER.....4599- 21- 73- AB-20	ON4UO (ON4s TJ UO)
II1EB.....2340- 13- 60- A--	21,141- 29-243 A-23
IIWSG.....2016- 16- 42- A--	<i>Denmark</i>
<i>Norway</i>	OZ7G.....69,760- 40-584- A-65
LA5HE.....88,803- 38-779- A-22	OZ2NU.....25,813- 29-299- A--
LA8U.....16,443- 27-204- A- 9	OZ4H.....22,770- 33-230- A-30
LA5SF.....8568- 21-136- A--	OZ2LX.....11,760- 35-112- B--
LA6CF.....6480- 20-108- A--	OZ38N.....6840- 15-152- B--
LA4LG.....5676- 22- 80- A-12	<i>Netherlands</i>
LA3HA.....5400- 20- 92- A-14	PA0ADD.....116,466- 47-826- A-48
LA9AF.....5076- 27- 63- A- 8	PA0LOU.....112,050- 50-756- A-41
LA8OH.....3234- 14- 77- A- 8	PA0LV.....52,644- 41-428- A- 1
LA2Q.....672- 7- 32- A--	PA0VB.....27,360- 32-285- A-20
LA1K (2 oprs.)	PA0WAC.....15,825- 25-211- A- 9
900- 9- 50- A--	PA0YN.....6240- 16-130- A--
<i>Bulgaria</i>	PA0FLX.....4356- 11-132- A--
LZ1KDP8.....3990- 15- 90- A--	PA0NIR.....1030- 10- 35- A--
<i>Austria</i>	<i>Sweden</i>
OE1RZ.....189,816-56-1113- B-58	SM5CCE.....42,496- 32-443- B-23
OE3WB.....1872- 16- 39- A-18	SL5LZ.....36,963- 37-338- B--
<i>Finland</i>	SM5UU.....24,072- 34-236- B-24
OH2LA.....67,068- 36-621- B--	SM8APQ.....12,572- 28-150- A-12
OH2BAH.....17,031- 21-272- B--	SM3CUN.....11,220- 17-222- B-17
OH1VA.....6266- 26- 37- A--	SM3CPM.....7820- 17-154- A-26
OH5RZ.....4260- 12-119- A--	SM3BYJ.....6426- 18-119- B-13
OH2WY.....3477- 19- 61- A--	SM6CWP.....5187- 19- 93- A--
OH3PF.....3192- 14- 76- A--	SM5BEU.....4725- 15-105- B-12
OH3PC.....2712- 12- 76- A--	SM5HT.....3948- 14- 96- A- 8
OH2BC.....1800- 12- 50- A--	SM5HPJ.....3036- 11- 92- B--
OH1QT.....1729- 19- 31- A--	SM3BNV.....2832- 9-106- A- 7
OH2YL.....235- 5- 16- A--	SM3BA/5.....2576- 16- 54- A- 7
OH1WY.....3- 1- 1- A--	SM7TV.....1833- 13- 47- A- 9
OH2BZ (OH2s BT BZ)	SM5KV.....1771- 11- 54- A- 1
37,983-39-325- AB--	SM5CAK.....1056- 11- 32- A- 3
<i>Czechoslovakia</i>	SM3ATG.....360- 6- 20- A- 2
OK1ZL.....193,401-57-1131 B-54	SM6CMU.....144- 4- 12- A- 6
OK1GT.....128,984- 52-818- B-60	SL6BH (SM5CTY, SM6BUB, SM7CUY) 2761- 11- 84- B- 8
OK2KAU.....36,234- 33-366- A--	<i>Poland</i>
OK2YF.....27,300- 35-260- A--	SP6FZ.....79,840- 48-611- B-42
OK3KPE9.....26,244- 37-324- A--	SP9ADU.....14,421- 23-214- A-11
OK2LG.....11,928- 28- 42- A--	SP8MJ.....12,246- 26-157- A-25
OK1ADM.....11,430- 30-127- A--	SP4JF.....10,325- 25-138- AB-11
OK2KZ.....10,192- 26-132- A-26	SP3KBJ.....5733- 13-148- B--
OK1BY.....6162- 13-158- B--	SP8YA.....5475- 25- 74- A- 6
OK18V.....2530- 11- 77- B--	SP8HR.....3888- 24- 54- A- 1
OK1ADP.....18- 8- 13- A- 9	SP8HT.....3570- 14- 87- B- 7
OK2ABU.....1768- 17- 35- A--	SP5ADZ.....3514- 14- 84- A- 8
OK3KGI.....1026- 9- 38- A--	

(Continued on page 108)

SP6WM	828-12-23	A-2
<i>Crete</i>		
SV0WZ	10,224-16-215	A-12
<i>Greece</i>		
SV0WI	5798-13-150	C-6
SV0WG	4564-14-109	A-12
<i>Ireland</i>		
TF3AB	42,174-33-426	A-2
TF2WV	384-8-16	A-2
<i>European Russian S. F. S. R.</i>		
UA1DH	39,585-35-381	B-2
UA4PA	13,800-25-184	B-29
UA4SM	5888-16-123	A-2
UA3PG	4788-14-114	B-2
UA3TP	3040-19-54	B-2
UA4DM	1469-13-38	A-2
UA1NA	882-6-50	A-3
UA3KWA	(3 oprs.)	
	15,174-18-281	B-25
UA4KHW	(2 oprs.)	
	9090-15-203	B-20
UA1KGC	(3 oprs.)	
	4035-15-90	B-2
<i>Ukraine</i>		
UB5MZ	7728-23-112	A-2
UB5KNF	2592-16-54	A-2
UB5DP	2496-13-64	A-2
UB5KAU	270-5-15	B-2
UB5KFD	(3 oprs.)	
	17,190-27-213	B-2
UB5KAI	(2 oprs.)	
	336-7-16	B-2
<i>White Russian S. S. R.</i>		
UC2KAA	3960-12-111	A-10
UC2AR	1944-9-72	A-3
UC2KAB	(3 oprs.)	
	15,210-30-169	B-2
<i>Georgia</i>		
UF6KAE	1195-5-82	B-2
<i>Armenia</i>		
UG6GL	3913-13-103	B-2
UG6AW	792-12-22	B-2
UG6KAA	(UG6 AV WW)	
	620-10-21	B-2
<i>Moldavia</i>		
UO5AA	763-24-106	A-2
UO5BM	2868-12-80	A-2
<i>Lithuania</i>		
UP2NV	18,870-17-374	A-2
<i>Estonia</i>		
UR2BV	5694-13-153	A-2
<i>Rumania</i>		
YO3KPA	25,200-25-336	B-2
YO7DL	2808-12-78	A-2
YO9IA	1599-13-41	A-2
YO8RL	927-9-35	A-2
YO3AC	360-6-20	A-2
YO9HH	126-4-10	A-2
<i>Yugoslavia</i>		
YU2QZ	16,124-29-191	A-28
YU2AE	2604-8-105	A-2
YU1KMN	1242-9-46	A-5

NORTH AMERICA

St. Pierre & Michelon Is.

FP8BX	219,240-56-1305	A-2
<i>Panama</i>		
HP1HE	210,276-54-1298	A-41
<i>Honduras</i>		
HR1MM	48,858-34-479	B-22
<i>Puerto Rico</i>		
KP4CC	328,866-59-1858	B-50
KP4CH	47,541-23-700	A-33
<i>Greenland</i>		
OX3DL	187,209-61-1023	B-48
KG1BM	14,280-17-284	B-7
OX3KW	14,064-16-293	A-2

<i>Sint Maarten</i>		
PJ2ME	57,669-47-129	A-10
<i>Costa Rica</i>		
TI2CAH	223,788-68-1097	A-2
<i>Antigua</i>		
VP2AB	100,548-49-684	A-15
<i>Bermuda</i>		
VP9EP	68,985-27-861	A-20
<i>Nicaragua</i>		
YN1AA	307,368-72-1423	A-23

OCEANIA

<i>New Caledonia</i>		
FK8AH	225-3-25	A-1
<i>Wake Island</i>		
KW6DG	203,776-64-1127	C-27
<i>Marshall</i>		
KX6AJ	30,870-36-343	A-17
<i>Australia</i>		
VK2GW	205,632-64-1071	A-65
VK2APK	66,582-54-411	A-50
VK3AXK	35,488-32-370	A-30
VK3XB	29,799-33-301	A-56
VK3ARX	17,226-29-198	A-2
VK2VN	14,322-22-217	A-10
VK2RA	3705-19-65	A-7
VK4XW	3417-17-68	A-14
VK4SS	1980-15-41	A-2
<i>Fiji Islands</i>		
VR2DK	34,596-31-376	A-2
VR2EA	19,575-25-261	A-2
<i>Sarawak</i>		
VS4RM	918-6-52	A-4
<i>Cook Islands</i>		
ZK1AR	138,915-63-735	A-44
ZK1BS	94,224-52-604	A-28
<i>New Zealand</i>		
ZL1NG	38,760-40-323	A-2
ZL2PM	19,197-27-237	A-2
ZL1AFW	13,036-17-183	A-18

SOUTH AMERICA

<i>Chile</i>		
CE3AG	182,715-65-937	A-25
CE1AD	155,925-55-945	B-2
CE3RY	147,735-49-1025	C-37
CE1BD	95,894-46-695	B-32
CE3CB	504-7-24	A-2
CE2OF	480-8-20	A-2
<i>Bolivia</i>		
CP3CD	10,725-13-275	A-2
<i>Uruguay</i>		
CX6CB	32,620-28-389	A-19
<i>Ecuador</i>		
HC1AGU	826,677-93-2963	B-63
<i>Colombia</i>		
HK7ZT	244,725-65-1255	A-60
HK3AH	24,748-23-350	A-7
<i>Argentina</i>		
LU6PK	54,460-28-652	A-30
LU7CW	431-7-22	A-2
<i>Peru</i>		
OA4BR	33,966-37-306	C-12
<i>Brazil</i>		
PY4OD	332,856-67-1657	A-62
PY1AD	92,630-50-520	B-10
PY4AP	62,522-43-485	A-16
PY4BH	32,000-37-291	A-13
PY7AK	5832-12-162	A-2
PY1BX	2937-11-89	A-2
PY1FM	1026-8-19	A-3
PY2BZD	60-4-5	A-10
PY7APA	18-2-3	A-2

Phone Call-Area Leaders

<i>Single-Operator</i>			
W1ONK	351,600	W9DUB	179,394
K2CX1	349,980	W0BTD	61,404
W3TLN	112,395	VE1BC	83,763
W4KFC	249,039	VE2UI	51,450
K5MDX	255,816	VE3ES	23,064
W6KPC	22,311	VE4XO	10,800
W7DQM	11,092	VE5RU	8370
W0TUC/KL7	96	VE6HG	8520
K8PUU	120,744	VE7EH	14,994

<i>Venezuela</i>		
YV5AGD	435,150-75-1934	RC-59
YV5ANT	209,445-55-1633	B-52
YV5BKA	15,618-19-274	A-16
<i>Paraguay</i>		
ZP9AY	266,104-62-134	A-70

PHONE SCORES

ATLANTIC DIVISION		
<i>Eastern Pennsylvania</i>		
W3WJD	105,714-126-280	BC-12
W3ALB	96,480-120-268	C-70
W3KT	89,100-108-275	C-2
W3EQA	70,741-109-219	C-45
W3GHD	37,518-74-169	B-2
W3CGS	31,464-69-152	C-35
W3FDH	30,996-84-126	BC-2
W3ZSS	30,222-73-138	C-30
W3PHL	22,935-55-139	C-48
K3AIG	22,110-67-110	C-22
W3NM	13,489-47-97	C-2
W3OCU	13,489-47-97	C-2
W3NM	12,150-45-90	C-19
W3BYX	10,125-45-75	B-25
W3QR	9944-48-76	B-19
W3GRS	6120-34-60	A-15
W3MV	6120-30-68	B-15
W3WUH	5664-32-59	B-15
W3QLW	5100-34-50	B-15
W3HHK	2480-23-36	A-12
W3QMZ	2280-20-38	C-19
W3JSA	624-13-16	A-7
K3HYT	588-14-14	B-9
W3LEZ	360-10-12	A-5
W3EYW	763-9-10	C-2
K3JCT	12-2-2	A-1
W3KFK	(K3JGL, W3KFC)	
	132,678-126-351	C-36
W3GHM	(W3GHM KDF NOH)	
	73,161-91-268	C-2

<i>Md.-Del.-D. C.</i>		
W3TLN	112,395-127-295	B-47
W3JTC	77,265-83-303	C-59
W3IYE	59,994-101-198	C-36
W3AYD	52,962-91-194	C-2
W3ZIV	23,256-68-114	C-24
W3ZQ	3936-32-41	A-10
W3PMC	3510-30-39	C-8
K3CBW	1650-22-25	A-10
W3FMZ	1440-20-24	AC-3
W3DRD	765-15-17	C-7
K3JOZ	540-12-15	B-4
W3BVO	48-4-4	B-3
W3MCK	(5 oprs.)	
	384,153-231-557	C-70
W3GRF	(5 oprs.)	
	163,080-153-352	C-2
<i>Southern New Jersey</i>		
W2PKN	157,035-145-361	C-41
K2DCA	99,946-121-276	C-37
W2XN	60,738-106-191	C-17
W2QKJ	25,821-57-151	B-27
WA2JZS	16,254-63-86	B-15
W2DMR	12,300-50-82	C-25
W2MPT	1624-29-52	A-12
W2SDO	338-31-36	C-18
K2HRY	396-11-12	A-4
K2ODJ	120-4-10	B-5
W2BLZ	48-4-4	-
K2OXN	27-3-3	C-3
WA2KWS	(2 oprs.)	
	2625-25-35	B-18

(Continued on page 110)



OE1RZ has turned in the top phone score from Europe two consecutive years, this year scoring 126,559 points. Rene, an s.s.b. advocate, used a TA-33 and long wire antennas to do a fine job during the contest.

Western New York
 K2GX1... 349,980-227-514- C-88
 W2QWS... 38,473- 79-163- C-26
 W2SNI... 7560- 36- 70-BC-28
 W2EDE... 2376- 24- 33- B-1
 W2UTH... 1587- 23- 23- B- 5
 K2TQC... 147- 7- 7- B-1
 WA2KIZ... 48- 4- 4- A-3

Western Pennsylvania
 W3ZAO... 37,884- 82-154- C-1
 W3LFP... 9960- 40- 83- C-18
 W3LIV... 3444- 28- 41- A-12
 K3ELL... 396- 11- 12- B-11

CENTRAL DIVISION

Illinois
 W9NZM... 121,989-157-259- C-67
 W9N9J... 95,904-144-222- C-82
 W9JJV... 23,433- 73-107- C-58
 W9IVG... 20,022- 71- 94- C-25
 W9GAL... 16,000- 64- 81-AC-48
 K9YWY... 11,115- 57- 65- A-1
 K9BJM... 1794- 23- 26- C-4
 W9EUN... 720- 12- 20-AC-3
 W9CRN... 504- 12- 14- A-1
 W9WIO... 468- 12- 13- B-1
 K9ZQW... 390- 12- 13- A-9

Indiana
 K9ECE... 65,601-111-197- A-70
 W9YSQ... 60,480-112-180- C-38
 K9VRU (9 ops.)... 25,488 72-118- C-96

Wisconsin
 W9DUB... 179,394-174-347- C-80
 W9GHL... 77,859-123-211-BC-60
 W9VSO... 10,998- 47- 78- C- 9
 W9KXK... 10,656- 48- 74- C-24
 W9EQP... 9555- 49- 65- C-22
 W9YT (4 ops.)... 91,653-137-223- C-59
 K9JJR (K9s JJR JJS, WRHT)... 44,688- 98-152- C-60

DAKOTA DIVISION

North Dakota
 W9JWL... 7128- 44- 54- B-32

South Dakota
 W9WUU... 420- 10- 14- B-1

Minnesota
 W9MPW... 56,175-107-175- C-54
 K9IKL... 34,320- 80-143- C-50
 K9VTG... 986- 17- 20- B-7
 W9LJN... 972- 18- 18- A-15

DELTA DIVISION

Arkansas
 W9LCL... 8590- 44- 65- C-11
 K5ALU... 4092- 31- 44- B-21
 W9GFT... 1254- 19- 22- A-16

Louisiana
 W9KCC... 34,066- 88-129- C-35
 W9AJY... 10,788- 58- 62-AC-22
 K5QXR... 8127- 43- 63- A-28
 W9LDH... 6273- 41- 51- C-10

Mississippi
 K5MDX... 255,816-209-408- B-73
 W9CKY... 300- 10- 10- C-2
 W9HGU... 80- 5- 6- A-6

Tennessee
 K4LPW... 23,256- 68-114- B-25
 W40GG... 363- 11- 11- A-3

GREAT LAKES DIVISION

Kentucky
 W4JRW... 19,602- 66- 99- C-21
 W4EPD... 2430- 27- 30- B-12

Michigan
 K8PUU... 120,744-158-258-BC-75
 W8GG... 4455- 33- 45- C- 8
 W8MRS... 1071- 17- 21- A-14
 W8NWO (W8s NWO TWA ZJT)... 222,717-187-397- C-90
 W8NGO (4 ops.)... 159,852-154-346- B-76

Ohio
 W8NXF... 57,645-105-183- B-43
 W8BMX... 50,193- 99-169- B-51
 W8BF... 36,792- 84-146- C-19
 W8BKO... 34,446- 79-158- C-27
 W8SMQ... 29,151- 79-123- B-21
 K8RMK... 27,528- 74-124- C-35
 W8HQK... 27,059- 69-131-AC-1
 K8LNL... 18,240- 64- 95- B-32
 K8PYD... 7913- 41- 65-AC-18
 W8JAQ... 5472- 38- 48- C- 8
 W8TTN... 2025- 25- 27- A-10
 K8NMG... 1377- 17- 27- A-1
 W8AJW... 1311- 19- 23- A-1
 W8GMK... 1134- 18- 21- A-12
 W8PJN... 714- 14- 17- A-1
 W8IBX... 75- 5- 5- B-1

HUDSON DIVISION

Eastern New York
 WA2BJG... 56,070- 89-210- C-48
 W2GBC... 34,440- 60-192- C-32
 W2NQR... 1980- 22-30- B- 5
 K2DEM... 48- 4- 4- C- 3

N. Y. C. - L. I.
 K2IEG... 174,960-162-362- C-1
 W2WZ... 117,612-121-324- C-31
 K2FC... 68,478-101-226- C-30
 K2DGT... 58,320- 90-216- C-18
 W2BQM... 46,550- 95-164- C-33
 W2SUC... 28,908- 66-146- C-19
 W2HJM... 12,513- 43- 97- C- 8
 W2GKZ... 12,495- 49- 85- C-10
 K2YOR... 6120- 34- 60- B-10
 W2ESO... 5700- 38- 50- C- 6
 W2ZKQ... 2208- 23- 32- C- 4
 W2TUK... 2001- 23- 29- C- 3
 WA2TJA... 390- 10- 13- A- 5
 W2RDR... 270- 9- 10- C- 1
 WA2FIT... 243- 9- 99- B- 2
 W2ELZ... 3- 1- 1- B- 2
 WA2TNX (Wa2s PLO TNX)... 34,569- 69-167- C-28

Northern New Jersey
 W2CYX... 25,803- 61-141- C-25
 W2FFQ... 7680- 40- 64- B-48
 W2IKH... 2415- 23- 35- B-12
 W2JSX... 2184- 24- 33- B-16
 W2MNV... 714- 14- 17- -
 WA2OGC... 360- 10- 12- A- 3
 WA2KAZ... 27- 3- 3- A- 2
 WA2IDM... 12- 2- 2- A- 1

MIDWEST DIVISION

Kansas
 W9ALA... 2349- 27- 29- C-12

Missouri
 W9BTD... 61,404-119-172- A-57
 W9NFA... 36,984- 92-134- C-36
 K9UWZ... 4185- 31- 45- A-1

Nebraska
 K9WSR... 675- 15- 15- A-12

NEW ENGLAND DIVISION

Connecticut
 W1BIH... 80,784-132-206-AC-1
 W1ICP... 4500- 30- 50- C-1
 W1AYR... 3948- 28- 47- B- 5
 W1WY... 765- 15- 17- C- 2
 W1AW... 297- 9- 11- C-1

Maine
 W1GKJ... 17,472- 64- 91- A-27
 W1FDL... 319- 11- 11- B-10

Eastern Massachusetts
 W1ONK... 351,600-200-586- -74
 W1NJL... 22,896-72-106- B-30
 K1IMD... 22,713- 67-113- C-31
 K1DIR... 15,486- 58- 89- B-1
 W1EJE... 9618- 48- 67- A-16
 K1MLO... 7800- 40- 65- C-12
 K1MEM... 1824- 19- 32- B- 5
 W1PLJ... 231- 7- 11- B- 9
 W1HKK (6 ops.)... 296,241-191-517- C-77

Western Massachusetts
 W1RWF... 54,614- 83-226- C-32
 W1LIB... 17,160- 55-104- A-11

W1JYH... 576- 12- 16- - -
New Hampshire
 K1RTB... 108,480-120-316- B-52
 W1PZ... 84,032-104-276- C-13

Rhode Island
 W1QCO... 14,274- 39-122- B-18
 W1DDD (K1LZW, W1s AUT YRC)... 714- 14- 17- C- 5

Vermont
 K1POA... 5425- 31- 61- A-13

NORTHWESTERN DIVISION

Alaska
 W9CUC/KL7... 96- 4- 8- B- -

Montana
 W7QPK... 9576- 42- 76- C-27

Oregon
 W7DLR... 702- 13- 18- C- 6
 W7DIS... 27- 3- 3- A-11

Washington
 W7DQM... 11,092- 47- 79- A-20
 K7HJN... 1860- 20- 31- C-28

PACIFIC DIVISION

Santa Clara Valley
 K8UXV... 9324- 42- 74- B-25
 W6HOC... 8526- 49- 58- C-15
 W6WX... 588- 14- 14- -
 W6ISQ... 180- 6- 10- C- 3
 W6HVN... 84- 4- 7- C- 5

East Bay
 KL7DTB/6... 6042- 38- 53- C-1
 W6KG... 4182- 34- 41- C-16
 W6PQW... 2310- 22- 35- B-11
 W6IPH... 1080- 18- 20- A- 4

San Francisco
 K8OHJ... 12,324- 62- 79- C-20
 W6YEJ... 2772- 28- 33- A-31
 W6GQK... 969- 17- 19- C- 7
 W6ERS... 405- 9- 15- A-30

Sacramento Valley
 W6GRX... 17,160- 65- 88- C-46
 W6SIA... 13,983- 59- 79- C-22
 W6OMR... 5100- 34- 50- C-25
 K6TIP/6... 147- 7- 7- C-13

San Joaquin Valley
 W6UDR... 4692- 34- 46- C- 9
 W6BVM... 2373- 21- 38- -
 W6UJ... 288- 8- 12- C- 6

ROANOKE DIVISION

North Carolina
 K4BUJ (5 ops.)... 41,280- 80-172- C-72

South Carolina
 K4BMS... 95,226-118-269- C-47
 W4DPN... 216- 8- 9- B- 8

Virginia
 W4KFC... 249,039-201-413- B-71
 W4BVV... 242,688-192-422- C-85
 W4JFE... 104,247-117-297- B-66
 W4ZM... 18,600- 50-124- C-11
 W4NJF... 17,280- 64- 90-AC-30
 W4RQR... 15,045- 59- 85- C- 8
 K4ORQ... 15,000- 50-100- C-15
 W4HVV... 13,965- 57- 82- B-32
 W4VBX... 13,377- 49- 91- C- 6
 K4WUY... 1275- 17- 25- A- 6
 W4GF... 1152- 16- 24- C-1

West Virginia
 W8UMR... 13,005- 51- 85- A-16

ROCKY MOUNTAIN DIVISION

Colorado
 W9AGX... 972- 18- 18- A- -
 W9CDP... 243- 9- 9- B- 2

K9VCK... 48- 4- 4- B-1

New Mexico
 K5IKL... 61,632- 96-214 B-52
 W6PQA... 9384- 46- 68- C-19
 K5UYF... 1701- 21- 27- B-4

SOUTHEASTERN DIVISION

Alabama
 W4LZW... 61,938-111-186- C-18
 W4OEP... 32,250- 86-125- -
 W4RLS... 27,975- 75-125- B-30
 W4DS... 3330- 90- 37- -
 K4KJD... 507- 13- 13- A- 6

Eastern Florida
 K4WIG... 61,800-100-206- C-60
 W4LUI... 17,915- 65- 97- A-52
 W4PJG... 15,660- 58- 90- C-30
 W4EEO... 1863- 23- 27- B-10
 W4RJL... 3- 1- 1- A- 1

Western Florida
 W4SHW... 1968- 24- 28- A-12

Georgia
 W4BFR... 16,926- 62- 91- C-20
 K4TEA... 10,530- 54- 65- A- -

SOUTHWESTERN DIVISION

Los Angeles
 W6KPC... 22,311- 67-111- C-36
 W6AGP... 7215- 37- 65- A-28
 W6WWQ... 5670- 42- 45- C-22
 K6YRA... 4992- 32- 52- C- 9
 W6CYV... 2940- 28- 35- C- 5
 W6AAYE... 1575- 21- 25- C-12
 K6ICS... 588- 14- 14- A- 7
 K6UFX... 540- 12- 15- -

ABC-7
 WA6HGC... 540- 12- 15- B- 3
 W6VUZ... 36- 3- 4- B- 1
 K6MGG... 27- 3- 3- -
 K6YJY... 3- 1- 1- B- 1
 K6EVR (K6EVR, W6GFE)... 198,000-165-400- C-80

Arizona
 W7ENA... 702- 13- 18- A- 8

San Diego
 K6QCQ... 3- 1- 1- A- -

WEST GULF DIVISION

Northern Texas
 K5GGU... 2178- 22- 33- A-45
 W6MOY... 468- 12- 13- A- -
 W6IHW (K5FPT, W6IHW)... 10,764- 52- 69- A-22

Southern Texas
 K5JZY... 21,868- 71-104- B-75
 W6SUN... 13,542- 61- 76- B-35
 W6ELN... 2520- 28- 30- A-25
 K5LGH... 243- 9- 9- A- 2
 W6ARJ... 108- 6- 6- B- -

CANADIAN DIVISION

Maritime
 VE1BC... 83,763-123-235- -
 ABC-50
 VE1ADA... 9690- 35 92- A-14
 VE1DB... 540- 12- 15- - -

Quebec
 VE2UI... 51,450- 98-175- B-60
 VE2AMW... 14,309- 41-123- A-14
 VE2AFC... 8613- 33- 87- A-22
 VE2ANK... 8120- 40- 69- A-32

Ontario
 VE3ES... 23,064- 62-124- A-31
 VE3PV... 6840- 38- 60- A- -
 VE3PE... 1500- 20- 25- B- 4
 VE3CF... 330- 9- 9- B- 7
 VE3DGX... 243- 9- 9- B- 7
 VE3BWy (VE3s BWY EWY)... 29,520- 80-123- C-30

(Continued on page 170)

Manitoba
 VE4XO...10,800- 48- 75- B-15

Saskatchewan
 VE5RU...8370- 45- 62- A-16
 VE5GF...7503- 41- 61- B-20
 VE5JV...1224- 17- 24- C-12
 VE5DA...48- 4- 4- A- 2

Alberta
 VE6HG...8520- 40- 71- A-27

British Columbia
 VE7EH...14,994- 49-107- A-25

AFRICA

Angola
 CR6CA...35,316- 36-327- A-11

Mozambique
 CR7GF...252- 7- 12- B- 3

Liberia
 EL4A...180- 5- 12- A- -

Algeria
 FA8RJ...3- 1- 1- A- -

Northern Rhodesia
 VQ2AT...53,880- 40-449- A-17

Kenya
 VQ4HX...21,083- 29-243- A- -

Sierra Leone
 ZD1JWC...1872- 12- 52- A- 6

Southern Rhodesia
 ZE8JY...1890- 14- 45- A- -

Nigeria
 5N2JKO...50,826- 43-394- A-27

Mauritania
 5T5AB...6915- 15-155- B- 7

ASIA

Iran
 EP2BK...2058- 14- 49- A- -

Japan
 KA2MA³...35,560- 35-339- B-10
 JA1BWA...11,745- 27-145- A-25
 JA1CWP...5280- 16-110- A- -
 JA1FSL...3528- 14- 84- A- -
 JA1BUI...72- 4- 6- A- -
 JA3BEA...18- 2- 3- A- -
 JA9UU...3- 1- 1- A- 1
 JA0HC...3- 1- 1- A- -
 JA6YAX (2 oprs.)
 105- 5- 7- A- 3

Ryukyus
 KR6GF¹...14,200- 25-190- C-13
 KR6LJ...4230- 15- 94- C-10
 KR6LD...36- 2- 6- B- 1

Laos
 XW8AS...1749- 11- 53- A-12

EUROPE

Portugal
 CT1YE...119,350- 50-801- B-62
 CT1UO...1716- 13- 44- A-12

Germany
 DL6DS...34,336- 29-396-BC-18
 DL6JJ...180- 4- 15- B- 5
 DL4QF (4 oprs.)
 26,824- 28-320- B-29

Spain
 EA3JE...25,312- 32-264- A-31
 EA4GZ...4043- 13-105- A- 4

Ireland
 EI4AK...4650- 10-155- A-11
 EI9F...12- 2- 2- A- -

France
 F2MO...51,904- 32-541- A-40
 F7BI...42,825- 25-571- A-22
 F7OB...33,400- 40-279- A-16

F3II...6264- 12-174- A- -
 F9EP...1920- 16- 40- A- -

England

G3DO...61,020- 36-565- A-22
 G3MEA...39,295- 29-462- B-26
 G3LNT...28,080- 26-36C- A-30
 G3NFV...22,308- 33-227- A-33

Northern Ireland

GI4RY...60- 4- 5- A- -

Scotland

GM8MN...42,636- 38-374- A-24

Switzerland

HB9DX...912- 8- 38- A- -

Norway

LA4TE...17,226- 22-261- A-12
 LA6CF...2541- 11- 77- A- -
 LA3K...231- 7- 11- A- 4
 LA8D⁵...72- 4- 6- A- -

Luxembourg

LX1HM...1116- 9- 42- A- 3

Austria

OE1RZ...126,559- 47-899 B-52

Finland

OH5SM...24,360- 29-280- B-24

Czechoslovakia

OK3KGI...336- 7- 16- A- -
 OK2KAU...300- 5- 20 A- -
 OK2ABU...3- 1- 1- A- -

Belgium

ON4XD...10,659- 17-209- A- -

Denmark

OZ5JT...32,130- 30-357- A- -
 OZ3KE...1690- 10- 57- A- 7
 OZ4FT...108- 4- 9- A- -

Netherlands

PA0PRF...8280- 12-230- A- -
 PA0HBO...3570- 17- 70- A- 7
 PA0LV...2250 15- 50- A- -

Sweden

SM5BPJ...22,100- 26-284- B- -
 SM5CZQ...2959- 11- 90- B- 9

Poland

SP5PO...495- 5- 33- A- -

Iceland

TF2WGD...2160- 9- 80- A-17

European Russian S. F. S. R.

UA1DZ...23,604- 28-281- B- -
 UA3FG...5421- 13-139- B- -

White Russian S. S. R.

UC2AA...8164- 13-212- A-12

NORTH AMERICA

Cuba

CO8JK...58,128- 56-346- B-37
 CO8RA (2 oprs.)
 141,236- 68-693- A-71

St. Martin

FS7RT...167,301- 87-641- A-27

Dominican Republic

HI8DGC...230,434-58-1334- A-44

Honduras

HR1MM...52,947- 37-477- B-47

Puerto Rico

KP4AWH...220,728-68-1083- A-45
 KP4AVQ...82,524- 46-599- C-20

Greenland

OX3AI...3570- 17- 70- A- 8

Guatemala

TG5HC...7830- 29- 90- A- -

Grenada

VP2GAA (8 oprs.)
 58,578- 26-758- B-48

(Continued on page 172)

Caymans
VP5BP... 203,552- 68-990- A-21

Turks & Caicos
VP5CH... 141,189- 57-835- A-25

Mexico
XE1CV... 327,510-90-1214-AC- -
XE1ZE... 19,344- 16-403- B- 7
XE1EV... 4368- 16- 91- A- -
XE2BC (4 oprs.)
24,672- 48-172- A-48

OCEANIA

Marianas
KG6AKZ... 8058- 17-158- C- 6

Wake Island
KW6DG... 92,432- 53-587- C-20

Australia
VK2AHT... 7252- 28- 87- A-21

Cook Islands
ZK1AR... 7452- 27- 92- A-20

SOUTH AMERICA

Chile
CE1AD... 17,238- 34-169- B- -

Ecuador
HC1AGI⁶ 231,264-73-1056- B-34

Colombia
HK4EB... 55,965- 41-457- A-15
HK3LX... 384- 8- 16- B- -

Argentina
LU1DAB... 135,168-44-1024- B-37
LU7MAY... 12,075- 25-162- A-32

Peru
OA1W... 44,650- 50-300- A-32

Netherlands West Indies
PJ2CR... 30,208- 32-317- A-21

Brazil
PY2BGO... 2142- 17- 42- B-11
PY3AFO... 132- 4- 11- A- 1

Netherlands Guiana
PZ1AX... 122,332- 68-601- B-18

British Guiana
VP3HAG... 105,792- 64-551- A-29

Venezuela
YV5AGD... 252,180- 90-934-BC-56
YV5AKU... 89,568- 48-622- B- -
YV2CJ... 62,556- 52-405- A-33
YV5AKP... 15,840- 32-166- A- -
YV5AHG... 8904- 28-106- A-14

Paraguay
ZP5CG... 1350- 10- 45- A- -

¹ W1WPR, opr. ² Hq. staff — not eligible for award. ³ K2JOZ, opr
⁴ K5JPV, opr. ⁵ LA6VH, opr. ⁶ HC1DC/W3EIS, opr.

ARRL thanks the following amateurs for submitting check logs.
C.W. — W1GYE K100V W1RWU K1UDU K2DNN K2QHL
W3ARK W3QLW W4LYV W4RBZ K4SDS W6AM W8HA W9IZ
K9MBM VE2YA OK2LN OY7ML OZ4FF OZ5WJ OZ7KV PA0QM
PA0WDG SM3CJD SM5BFE SM5CZQ SM6JY VK5EX VP5BP
YO5-195; Phone — W2HXF W2OUY W3AKG W3UHN W4QD
W4RBZ K5DEC WA6GLD W9AOW VE1EK VE3DYB VE8BC
G3OEY GI4RY OK3KMS ZL1HY ZS6DK.