

# Final Results, 23rd ARRL International DX Competition

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**T**HE FIGURES and facts to follow will surely speak for themselves. *This was the year!* Conditions (with few exceptions) superb, competition keen, operating outstanding, and results remarkable! For the sixth successive year entries climbed, reaching the figure of 1781, up 8.1 per cent over the previous year.

Certificates of performance will go to 340 participants in their respective sections and countries, as shown in the following breakdown.

	c.w.	phone
Single-operator, W/VE.....	69	61
Multioperator, W/VE.....	8	3
Single-operator, non-W/VE.....	95	56
Multioperator, non-W/VE.....	2	0
Club.....	30	16

But for the real heart of the DX Competition, read on!

## C. W. Highlights

In just one decade, the DX specialist has increased his ability to a degree that was undreamed of by the avid DXer of 1947. In fact, the W/VE leader of today corners a higher multiplier figure than the top contact figures of ten years ago!

In 1947, W2GWE walked away with W-honors by earning 153,450 points with a multiplier of 165 on 310 QSOs. This year, the redoubtable W4KFC keyed his way to a masterful 961,425 total on 882 two-ways and a mighty multiplier of 364. The top Canadian contestant of '47, VE3KE, added a score of 54,384 on 176 contacts and multiplier of 103. This year, VE1PQ did almost five times as well with an end result of 233,320-190-410.

A highlight of the 1947 competition was the

From a modest start in 1953 as 13-year-old KN6BFC, KH6CBP has progressed to amazing c.w. form. Proof of this is evident in his acquisition of 968,691 points for the Oceania lead and 2nd world-high score. Now back in the States attending college, Bill plans to be active as a W9, but has left behind him a record to remember in future DX Competitions.

performance of XE1A as he staggered the stands with his half-million-plus mark. In this, the 23rd DX Test, Juan returned as XF1A to demonstrate once again his mastery of DX competitions. Juan not only exceeded the million mark but did it by an impressive margin. Final results: 1,281,702-114-3757! Most QSOs on 20 meters (1122), then 10 meters (1096) and 15 (869 contacts). Even 160 payed off to the tune of a multiplier of 10!

Last year's W3DGM/3 record was surpassed by 6 U.S.A. operators *par excellence*. The W/VE champ eyed the million mark and came close. W4KFC established the new line to toe as outlined above. Following Vic were W3LOE 913,230, W3ECR (keyed by W3MFW) 913,060, W3GRF 878,240, W3MSK 874,245, W3JTK 820,456.

## C. W. Call-Area Leaders

### Single-Operator

W1BIH.....	509,456	VE1PQ.....	233,320
W2IOP.....	725,286	VE2APH.....	30,654
W3LOE.....	913,230	VE3DT.....	37,488
W4KFC.....	961,425	VE4RO.....	103,125
W5CKY.....	313,272	VE5OC.....	23,450
W6ITA.....	645,946	VE6NX.....	33,726
W7QGF.....	276,012	VE7ZM.....	141,858
W8FGX.....	757,435	VE8OW.....	56,604
W9LNM.....	611,010	VO1AQ.....	30,954
W0QDF.....	313,686		

Other tremendous scores were posted by: W8FGX 757,435, W3BVN 753,675, W2IOP 725,286, W2WZ 691,742, W3EIV 660,011, W6ITA 645,946, W6YMD 641,520, W9LNM 611,010, W9FJB 594,425, W4RQR 563,456,

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XE1A, Sr. Juan Lobo y Lobo and "maestro of the million mark," led Mexico, North America and the world with an unprecedented 1,281,702 points and a record of 3757 QSOs. Juan's best hour brought 100 exchanges and he maintained an average of 63 contacts per hour, sometimes working five stations per minute! Hats off to XF1A for a superb performance!



Bob Shank, W5CKY, led the 5th call area code-wise, once again reaping Mississippi honors. His big signal led to an impressive 229 multiplier and his 7th Section award.



W9HUZ 559,800, W2AGW 537,588, W3ALB 533,680, W6IBD 533,676, W3GHS 509,751, W1BIH 509,456.

On the more-than-one operator side of the picture W6RW's 1956 record was shattered by both himself and W3CTJ as follows: W3CTJ 867,888-328-882; W6RW 804,436-332-811. Seven other groups topped the 500-K level: W2AIW 763,686, W3VKD 721,935, W0SQO 700,181, W6BXL 613,914, W4KXV 573,196, W6VSS 560,616, W1ICP 559,872. The crew at W6RW tallied 128 different countries in the process and the following boys didn't do badly either: W3CTJ 126, W6BXL 122, W1ICP 121, W0SQO 118, W6TPJ 115, W6PYH 114.

Returning to the single ops, Larry LeKashman (back at W2IOP) topped the different-countries category with a nifty 130, followed by these old reliables: W3JTK 128, W8FGX 126, W3LOE 125, W2AGW 122, W4KFC 121, W3ECR 117, W2WZ 116, W2PRN 114, W4YHD 114, W3ALB 113.

Many a DX station overcame the 100-K hump. For instance: CE3AG DJ1BZ DJ3JZ DL1JW DL4PN DL7AH DU7SV EA1AB EA1BC EA6AF EI9J F3AT F8VJ F9MS FK8AL FS7RT G2HPF G2QT G4CP G5RI HH2DX I1AMO I1NT IT1TAI JA1VX JA3BB KH6AYG KH6CBP KH6IJ KH6MG KH6PM KL7AIZ KL7PIV KL7WAF W9KLD/KL7 KP4ADS KP4DH OK1KTI OK1MB OK3DG OZ1W OZ7BG PA0EP PA0RE PA0VB PJ2AJ PJ2AV PY7AN SV1AB SV0WP VK2GW VK2GW VK2QL VK7KM VK9XK VP2LU VP5BH VP7NM XF1A ZE5JA ZL1MQ ZP9AY. Checking into the W/VE c.w. tabulation if you've a steady eye and strong arm you'll note a total of 182 scores that top 100,000.

Among the many interesting feats and firsts was one by DX-contest "pro" KH6IJ. Katashi scored a 50-Mc. multiplier by QSOing two W7s in Arizona!

Surprisingly enough, at least to your reporters, the boys who brought in the biggest over-all scores are also the ones who brought in big single-band scores. Somehow, it just seemed to us that single-band concentration would prove out in single-band scores. Alphabetically and by band, let's look at single-op calls, multipliers and QSOs. **3.5 Mc:** W3BVN 25-50, W3ECR 27-42, W3EIS 28-48, W3GRF 33-61, W3JTK 27-46, W3LOE 27-43, W3MSK 28-43, W4KFC 33-59, W4YHD 26-43. **7 Mc:** W2IOP 53-110, W3BVN 66-136, W3ECR 57-123, W3EIV 56-107, W3GRF 55-105, W3LOE 62-123, W4BGO 52-91, W4KFC 58-127, W4YHD 59-118, W8FGX 50-95. **14 Mc:** W1TW 110-115, W2AGW 113-304, W2IOP 119-294, W2PRN 105-222, W2WZ 110-268, W2ZGB 107-175, K2GFQ 104-195, W3ECR 108-279, W3GRF 109-281, W3JTK 113-267, W3LOE 116-286,

W3MSK 105-276, W4KFC 111-282, W6IBD 105-263, W6ITA 106-286, W6NZW 102-242, W6VUP 100-233, W6YMD 116-318, W8FGX 105-237, W8UPN 100-234, W9VIN 104-305. **21 Mc:** W3ECR 86-220, W3JTK 60-196, W3MSK 82-206, W4YHD 84-223, W9LNM 80-186. **27 Mc:** W3MSK 14-21, W9PKW 14-22. **28 Mc:** W3JTK 71-179, W3MSK 70-174, W9FJB 71-167.

### Phone Highlights

W2ATE, new phone record-holder, bettered the 1956 record set by W2SKE/2 by over 200-thousand points. Chad talked up 892 contacts with an impressive 312 multiplier. A rugged 93 hours of vocalizing led to 115 different countries worked.

Reaching the 200-thousand stratum were: W2ATE 833,664, K2AAA 702,452, W6YY 422-304, W3MSK 398,286, W8BKP 322,875, W4OM 304,200, W3ECR 294,360, W9EWC 286,650, W3DHM<sup>1</sup> 270,848, W6VSS<sup>1</sup> 269,418, W8NGO<sup>1</sup> 268,488, W8NOW 232,245, W0EDX 229,104, W4KQY 219,600, W8NXF 216,594, W4DQH 213,120, W3WQN<sup>1</sup> 206,006, W8ZOK 200,725.

### Phone Call-Area Leaders

#### Single-Operator

W1ONK.....	175,050	VE1YB.....	9800
W2ATE.....	833,664	VE2JR.....	45,500
W3MSK.....	398,286	VE3BNY.....	18,800
W4OM.....	304,200	VE4RO.....	157,209
W5KC.....	74,295	VE5VL.....	66,096
W6YY.....	422,304	VE6NX.....	10,062
W7DAA.....	28,782	VE7ZM.....	15,219
W8BKP.....	322,875	VE8AB.....	3354
W9EWC.....	286,650	VO6U.....	26,102
W0EDX.....	229,104		

Single-band multiplier highs form an interesting pattern of what happened on the individual phone frequencies. For instance: *75 me.ers:* W2ATE 25, K2AAA 16, W6VSS 9, W8AJW 9, W8NXF 9, W9NZM 9. *40 meters:* W3ECR 31, W2ATE 26, K2AAA 22, W4KQY 21, W9NZM 15. *20 meters:* K2AAA 93, W2ATE 90, W8BKP 85, W6YY 78, W4OM 74, W3MSK 71, W4DQH

<sup>1</sup> Multiple-operator station.



Second to F8PI in continental oral honors, ON4OC tallied 106,062 points in a 5-band effort. Ray's HRO-7 and SX-43 were bolstered by 100 watts input to a 276-foot radiator.

70. 15 meters: K2AAA 83, W2ATE 76, W3MSK 65, W8NGO 61, W3DHM 60. 11 meters: W2ATE 21, W8NGO 19, W8NWO 19, W8NXF 19. 10 meters: K2AAA 81, W2ATE 74, W0GEK 67, W5ALB 66, W1ONK 63, W3DQH 60, W8SDD 60.

DX leaders in number of phone contacts were: KH6CBP 2017, KH6IJ 1918, OA5H 1631, KH6AYG 1075, F8PI 865, VP9L 839, HH2RM 769, VP2VG 756, VK3ATN 727, EA3JE 692, OE5CK 662, KH6MG 624, ZS9G 618, ZS5JY 559, ON4OC 537, G3DO 515, KL7AZN 496, OK1MB 477, YN4CB 423.

DXers prominent in collecting call-areas were: KH6IJ 81, OA5H 81, VK3ATN 81, YN4CB 73, KH6CBP 72, VP2VG 72, OK1MB 71, ON4OC 66, KH6MG 60, HH2RM 57, F8PI 56, ZS5JY 54, G3DO 52, VP9L 50.

Among the interesting competing prefixes *not* to be found in the following c.w. tabulation are: CN2 CR4 HC PJ2M VP2 (Leewards) VP5 (Turks) VP9 VQ3 VR2 YN ZB1 ZB2 ZS9. For the boys keeping track of number of *different* countries worked, this would have meant an additional 13.

### Club Scores

The year 1957, one to be remembered for many DX "firsts," brings to the Potomac Valley Radio Club their first DX Test gavel award. Thirty-five of the PVRC brethren made a concerted effort (averaging 285,617 points apiece) and accumulated an amazing aggregate score just short of the ten-million mark. The Southern California DX club and the Frankford Radio Club vied closely for "place" and "show." Altogether 38 clubs are shown in the club tabulation, a 15 per cent increase over last year's listing. Special certificates are being awarded to the leading phone and c.w. operators in each club that submitted the minimum number of entries required by the rules. Congratulations to the winners!

### Disqualifications

The following are deemed ineligible for score listings 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, as confirmed by a single FCC citation, or on report of rule-breaking by a participant himself. Such violations as off-frequency work, contact with countries on the FCC-prohibited list, etc. were the criteria for these disqualifications: *C.w.* — W1BDI, W5GAI, W8SPO; *Phone* — W1MXX, W1QWI, W3FYS, W3GRF, KH6MG.

### Sidelights

"Went into the contest with a hope of making a Utah contact to complete my WAS, but no dice. And what happened to all the VE stations." — ZS6AJO. . . . "Conditions were relatively good and I used 21 and 28 Mc. for the first time. Made my highest score ever, either as YA1AM, YI2AM or OD5AX." — YA1AM. . . . "Worked about 200 stations in six continents on 14, 21 and 28 Mc. with beam rotator stuck in northeast position!" — W3WPG. . . . "With merely 90 watts it was tough going to fight European QRM. Watch out next year as am planning a beam to get solidly into the USA!" — 4X4CJ. . . . "Worked the following on 10-11-15-20-40 and 80 meters, K2AAA W4KWY W6VUP and W8LKH." — OA5H. . . . "Band conditions very poor second weekend." — VO6N. . . . "Made better than three times last year's score." — W4CYA. . . . "What a contest, what bedlam, what juicy rare ones. Wish I could have hooked some!" — W4JII. . . . "Never ever hear any Vermont stations. Better license a few more new ones, the old chaps must be gone, hi!" — VK6JT. . . . "Had an unscheduled stopover on Canton while piloting for Pan American. Considering the size of the pile-up, there was very little difficulty with stations calling while I was trying to copy, etc. The participants are to be commended for good operating manners." — W6YKE/KB6. . . . "Anybody over 21 that enters DX contests has



F8PI, top phone European and first-time contest man, farms crops as well as three-element beams and long wires. The bookcase houses a DX100 and AR88 in the living-room station. Paul's best band proved to be 28 Mc., good for 510 two-ways.

loose guy wires. Must be getting old, hi!" — W3ECR. . . . "Many stations still fail to use GMT when QSLing, making it very difficult to verify contact." — KA6ZS. . . . "DX moving into American phone band on 10 and 15 helped reduce calling time." — W0EDX. . . . "Now that I have a farm and space for antennas, I couldn't find time to get them all up." — W3ALB. . . . "I sure wish the phone DX would announce what frequencies they are listening on." — W3VTH. . . . "Hope I set a new record for a 17 year old operator." — KH6CBP [968,691 points worth, wow! — Ed.]. . . . "My highest score ever; 21, 27 and 28 Mc. never really shut to the states. Who ever dreamed of working a W

In past competitions, George Morrow, W8BKP, has often represented Ohio in a big way via both modes. This year George talked his way to the top W8-spot with 322,875 points, and displayed the 3rd highest 20-meter multiplier (85 countries).



on 27 Mc. at 1330 GMT! My contest #101 post war; such tests keep my gear and me up to scratch." — ZL1MQ. . . .  
 "Was surprised to work VP2VG and HH2RM on 40 phone with a folded dipole only five feet off the ground." — K2OPJ. . . . "Expect to be a VP6 for the phone section of the '58 DX Test." — W2DJT. . . . "More effort should be made to have DX stations sign the call of the station (c.w.) they're working after giving the number. It'll save time." — W6ITA. . . . "Ten was totally useless here the 2nd weekend due to aurora effect." — W9KLD/KL7. . . .  
 "Any of my QSOs can be confirmed by writing P. O. Box 4, Bluefields, Nicaragua." — YN4CB. . . . "KH6IJ was worked on six bands (phone) first weekend, ditto HP3FL and VP2LU second weekend. Worked the following on five bands: ON4OC G3COJ VK3ATN VP2VG YN4CB SV0WT and KZ5CS." — W2ATE. . . . "Gets tougher every year!" — W5MTL. . . . "Station closed down March 23 due to tidal wave. No damage to my station." — KH6AYG. . . . "Always enjoy the contest, although the XYL says if I ever have the gear and antennas all working at one time she'll give me a medal!" — W8BTI. . . . "Suggest that stations in rare countries submit logs so that we W and VEs can receive credit for DXCC, particularly if they're unable to QSL 100%." — W5ZWR. . . . "Worked KH6IJ on 5 bands." — VE2APH. . . . "Maybe I'm getting mellow but it seemed to me that signals were cleaner and operating practices more mature than in previous contests." — W6VUP. . . . "Managed to get in a little time despite power failure during first half and arrival of new jr op in middle of the second half." — KL7PJV. . . . "Noticed a shortage of easy ones on 20, such as CX CP HC HP VP1

### DX Continental Champions

C.w.	Phone
CR6AI..... 285,136	Africa ZS5JY..... 90,180
JA1VX..... 342,967	Asia KA2FQ..... 28,866
OK1MB..... 373,326	Europe F8PI..... 144,480
XF1A..... 1,281,702	No. America VP9L..... 201,360
KH6CBP..... 988,691	Oceania KH6IJ..... 466,074
PJ2AV..... 248,490	So. America HC2BH..... 108,228

### CLUB SCORES

	Score	C. W. Winner	Phone Winner
Potomac Valley Radio Club.....	9,996,585	W4KFC	W3MSK
Southern California DX Club.....	7,528,490	W6ITA	W6YY
Frankford Radio Club.....	7,134,550	W3ECR <sup>1</sup>	W3ECR
Ohio Valley Amateur Radio Assn.....	2,439,337	W8FGX	W8SDD
Northern California DX Club.....	2,013,571	W6LDD	W6SIA
Maui Amateur Radio Club.....	1,373,513	KH6MG	.....
The DX Club (Pa.).....	1,167,948	W3GHS	W3GHS
Connecticut Wireless Assn.....	1,014,281	W1BIH	.....
San Diego DX Club.....	988,888	W6KSM	.....
Order of Boiled Owls (N. Y.).....	900,458	W2PRN	.....
Niles Amateur Radio Club (Mich.).....	833,773	.....	.....
Four Lakes Amateur Radio Club (Wis.).....	710,160	W9LNM	W9RBI
El-Ray Amateur Radio Club (Mass.).....	670,513	W1BOD	.....
Rochester DX Assn.....	632,005	W2FBA	W2TQR
Central Michigan Amateur Radio Club.....	621,732	.....	.....
Hampden County Radio Assn. (Mass.).....	549,698	.....	.....
Greater St. Louis DX Club.....	509,466	W0QDF	.....
South Jersey Radio Assn.....	476,473	W2TE	W2DMR
Milwaukee Radio Amateurs' Club.....	452,976	W9GIL	W9GIL
Westpark Radiops (Ohio).....	416,762	W8AJW	W8BF
Ridgewood Amateur Radio Club (N. J.).....	411,423	W2EQS	.....
Willamette Valley DX Club (Ore.).....	318,570	W7DAA	.....
Morris Radio Club (N. J.).....	281,625	W2YTH	W2WKL
Palo Alto Amateur Radio Assn.....	182,439	.....	.....
Hamfesters Radio Club (Ill.).....	133,224	.....	.....
Citrus Belt Amateur Radio Club.....	85,356	W6HAL	W6IIM
Springfield Amateur Radio Club (Ohio).....	85,266	W8OKB	.....
Atlanta Radio Club.....	118,500	W4ZKU	.....
Chicago Suburban Radio Assn.....	66,601	W9FVU	W9FVU
Columbus Amateur Radio Assn.....	50,376	W8QDH	.....
Central High Radio Club (Iowa).....	44,406	W6DSP	.....
Minneapolis Radio Club.....	41,943	W9IFW	.....
Goose Bay Amateur Radio Club.....	38,579	.....	.....
Tri-State Amateur Radio Society (Ind.).....	31,473	.....	.....
Blue Ridge Amateur Radio Society (Virginia).....	15,690	K4DKA/4	K4ETQ
Lake Success Radio Club (N. Y.).....	13,140	.....	W2CMO
Suffolk County Radio Club (N. Y.).....	10,254	W2PZE	.....
Montrose County Amateur Radio Club (Colo.).....	10,047	W0WME	.....

<sup>1</sup> W3MFW, opr.

VP3 CO PZ HK VP8, etc." — *K6EIV*. . . . "Only state I didn't work was North Dakota." — *VP7NM*. . . . "Noticed good tendency of phone DX to transmit in the W band when conditions were right. Works fine!" — *W0IUB*. . . . "The most interesting thing I found was that of the 56 contacts I made, 32 replied on my first transmission. It looks like ultra modulation packs a punch!" — *W1DIS*. . . . "Watch for a high score next year, with a kw. on all bands less 160 and rhombics for the east coast, midwest and west coast." — *KL7BZA*. . . . "My first DX test and regret I couldn't work 160 and didn't break 500,000 points." — *VP2LU* [He came pretty close though, 499,359! — *Ed.*] . . . "ZC5AL and CT3AB new countries for me." — *W6UQQ*. . . . "I still enjoy the contest, even after 32 years of hamming. Picked up seven new ones on phone for a grand total of about 150 postwar." — *W1RF*. . . . "Worked JA1EF on 40, the first and only Japanese phone station I've heard on that band." — *W4KWY*. . . . "My first contest and really enjoyed it. After 26 years, I finally caught the bug!" — *W6ZMX*. . . . "It took 58 hours to make 1457 contacts and 12 to type the log. However, it was a lot of fun and I hope to be able to better my score next year. Generally conditions were very good here and operation was smooth and A-1 from 99.99% of the W/VE stations worked." — *OZ7BG*. . . . "Couldn't get Oregon, the only state I need for WAS." — *G3JHI*. . . . "Enjoyed the 28 Mc. QSO with JA1AA when he was running 4 watts." — *W6ACL*. . . . "Took a vacation from the ARRL DX Contests for the first time in about 31 years." — *W6AM*. . . . "No Russians heard on phone." — *W4HKJ*. . . . "Please remember that our phone bands are 3.6-3.8 and 7.05-7.15 Mc. Why don't the W/K/VE/VO group listen there?" — *F9TV*. . . . "Swell phone contest but an earthquake recalled me to duty." — *SV0WT*. . . . "Worked both KH6s IJ and PM on six bands, and OA5H on five phone bands." — *W6IIM*. . . . "To add to everything else, kids with chickenpox, me with mumps, and power transformers blowing up, the pen runs out of ink while signing my entry!" — *W6LWY*. . . . "It was a pleasure to work so many with such good operating standards." — *G2HPF*. . . . "Put up a new three-band beam for the second week end and it blew down 12 hours before the opening of the 2nd half" — *W6ID*. . . . "Those KH6s were sure trying. Guess I could have filled two quotas of them." — *K6DLY*. . . . "Nearly 200 contacts more than last year." — *F8VJ*. . . . "Lost both rhombics in rainstorm the first weekend; the storm also froze all three rotary beams." — *W6AGO*. . . . "This was my first year from the new location and everything seemed to work pretty well. Next time I expect to have better antennas for 40 and 80." — *W3GRF*. . . . "Worked a novice on Guam for a 15-meter multiplier!" — *W3MSK*. . . . "My best average was 41 QSOs/hour and that was on 20, Feb. 24." — *DL7AH*. . . . "My first contest and worked my last state for WAS, Nevada." — *DL7DF*. . . . "Very few lids noticed; only heard one W calling CQ-SS!" — *W2FBA*. . . . "Score 40 per cent better than last year with same power, same time of operation. In general, conditions were very good." — *W2QJM*. . . . "This was the best ever, conditions were fabulous, swell to have the Russians on. I'm so tired of beating my head against the brick wall of the big W3s that I'm going to DL4-land next year. When I'm back I'm going to buy an antenna farm; a measly 1/2 acre is just too small!" — *W3EIV*. . . . "Good conditions and best score ever, although the need for better antennas was frequently demonstrated!" — *W3EIS*. . . . "American amateurs are the best in the world. Not a bad operator or poor practice in 937 contacts." — *11AMO*. . . .

"Better than doubled last year's score. After running between their legs and riding their coat tails, my biggest kick was coming up with ones like CR9AH ET2RH 4X4BX. Made WAC on 28 Mc. with an indoor dipole! Brought 7-Mc. countries total up to 116, 21 Mc. score to 113. Worked VP7NM on 6 bands." — *K2CPR*. . . . "Only signal heard on 160 was XF1A." — *W3VKD*. . . . "Best contest I've worked in. Would like to suggest that the DX stations sign the call of the station being worked at the end of the QSO to preclude confusion and repeat QSOs." — *W9FJY*. . . . "We should drag out the Wouff Hong for the lids that persist in long testing even during a DX contest." — *W9VL*. . . . "My first contest in 25 years of hamming. Great sport. Conditions were excellent. The ethics and consideration displayed by the entire group were generally outstanding and reflected credit on all hams and ARRL. A well-organized and well-conducted contest." — *W0VBK*. . . . "Worked KL7AIZ on five different bands the first weekend." — *W0ZKE*. . . . "Sickness the first weekend and a blizzard the second, that's the story of my life." — *W0BUR*. . . . "Got 599 reports from five continents." — *W9FYM*. . . . "Thought last year's score was best ever that could be made from Wisconsin, but learned differently — made 611,010 this year. Dreaming up improvements for 1958 already!" — *W9LNM*. . . . "Although conditions were not of the best in the first period, I enjoyed my first DX contest and hope to be in many more. Still need Utah and Wyoming for WAS." — *LA2F*. . . . "Conditions were ideal. My 509,456-point score obtained in spite of burning out of a high-voltage transformer a few hours after the start of the first week end and running the exciter at 180 watts for the rest of the first period." — *W1BIH*. . . . "One new one for me, FK8AL and worked him on four bands to make sure. Noted decreased participation from Central and South America. Ended up tired but happy as usual." — *W1ODW*. . . . "Disgusted with tail-ending." — *W1TX*. . . . "Compliments to VP5BH on the signal quality and operating." — *W0JSN*. . . . "Picked up my WAC on 7 Mc." — *K5DGI*. . . . "Doubled last year's score. Best conditions yet on 10. My 4th year of participation and enjoy the rough competition." — *W5PYU*. . . . "Didn't do as well as I did at W3DGM last year, but real proud of my low-power score." — *K4LPW* [On 100 watts input, Mel ran up a tidy 309,063-point sum — *Ed.*] . . . "Score about 50 per cent higher than last year while my operating time was about 45 per cent less." — *CT1CO*. . . . "Picked up four new countries and countless gray hairs." — *W4JBQ*. . . . "Checked back in the records and found this was my 18th ARRL DX Con. test, first as W1RY and now as W8RQ. In my first in 1928- I made 35 contacts in nine countries on four continents. Finished in 40th position using a UV202 in the transmitter, an OV2 receiver, and an end-fed zepp." — *W8RQ*. . . . "For the 3rd year in a row I lost my 20-meter beam." — *W8HMI*. . . . "Increased my score by over 50,000 points. Ten meter conditions were FB this year." — *EA1AB*. . . . "Able to gross an additional 40,000 points over 1956 due to better antennas and conditions, and with 20 hours less operating time." — *W1AXA*. . . . "Best experience: made WAC in 46 minutes. Worst experience: A two-hour traffic jam in front of the house when 28 Mc. was hot. The ignition noise was a steady roar." — *W1BOD*. . . . "Worked the Ohio Valley Amateur Radio Ass'n's foreign representative, VP5BH, on five bands." — *W8EV*. . . . "I had plenty of fun and felt I'd accomplished more with lower power than when I used to run the rock crusher and beam." — *W6LV*. . . . "Best conditions I've ever heard during the 2nd week end. Europe stopped coming in only because the contest ended." — *W6LDD*. . . . "Even with a rather mediocre setup had one swell time and picked up five new ones. I had to drive 600 miles on a week-end 3-day pass and it was well worth the lost sleep. Spent the 2nd c.w. period listening from DL4-land. Quite a revelation!" — *W1UGW*. . . . "After winning last year's contest for Germany as DL4ZC, I had high hopes of doing the same in the East Bay Section but found competition much keener." — *W6KG*. . . . "Finally worked a new country in a DX contest (Aden) after ten years of contesting. This made nr. 230 worked." — *W6CTL*.



The big signal out of Europe in the c.w. portion originated with these three boys at DJ3JZ, DL1CR, DL3AO, DJ3JZ. Excellent teamwork led to 1323 contacts and top Europe multi-op position.



VK9XK ably represented Papua by key through 1125 QSOs in all states but Rhode Island. The rack on the left houses his all-band home-built transmitter while desk equipment includes home-brew dual-conversion receivers, pre-selector, S-27 and frequency meter. Russ reports use of both a 136' long wire and 8JK.

... "Enjoyed the contest very much this year. It's always a pleasure to be in a contest with the W/Ks and their fine operating practices." — *HB9QO*. . . . "As for conditions, no doubt the W6s in Hollywood have a word for it. Stupendous-colossal-magnificent!" — *GW3BQY*. . . . "Spent part of 1st Saturday in hospital and operated entire first week end with arm bound out straight and couldn't put elbow on operating table. Somewhat cumbersome. Conditions certainly wonderful, but I couldn't seem to take very good advantage of them." — *W4RQR* [Now this is a matter of opinion; Bob made considerably more than the half-million mark! — *Ed.*] . . . . "Two weeks after the contest ended I finished getting up a 3-element beam. Seems like I do everything the hard way." — *K2OPJ*. . . . "Conditions were superb, activity the greatest ever. What a paper storm West Hartford is in for." — *W4KFC*. . . . "My quad antenna worked like a charm." — *K4GMX*.

While the crew at 38 La Salle Road thankfully wraps up the colossal '57 contest by preparing section, club and country awards, you're urged to ready the gear and mark the calendar for these dates in '58: Phone — Feb. 7-9 and March 7-9; c.w. — Feb. 21-23 and March 21-23.

### C. W. SCORES

#### Twenty-Third 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/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. . . . Example of listings: W3ECR 913-, 060-355-858-C-90, or final score 913,060; multiplier 355; 858 contacts; power over 500 watts; total operating time 90 hours. . . . Stations manned by more than one operator



A country that always creates a pileup is New Caledonia and FK8AL was no exception. John reports good c.w. conditions on 20 and above, evident in a respectable 222,768-point figure. His big band was 20, good for 604 QSOs.

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.

### ATLANTIC DIVISION

Eastern Pennsylvania		W3EQA (W3s DQG EQA)	272,620-215-429- C-60
W3MDE (W3s MDE SOH)		178,080-160-371- B-65	
W3ECR <sup>1</sup> . . . 913,060-355-858- C-90	W3ALB . . . 533,680-280-638- C-70	W3LOE . . . 913,230-365-834- C-89	
W3GHS . . . 509,751-271-627- B-71	W3NGV . . . 251,490-202-415- C-68	W3GRF . . . 878,240-352-833- C-90	
W3WPG . . . 215,952-176-409- B-88	W3LEZ . . . 146,454-154-317- C-31	W3MSK . . . 874,245-349-835- C-90	
W3DBX . . . 124,785-141-295- A- -	W3JTK . . . 820,456-343-798- C-85	W3EIV . . . 660,011-319-691- C-85	
W3IMV . . . 104,247-117-297- B-40	W3EIV . . . 660,011-319-691- C-85	W3MDE . . . 178,080-160-371- B-65	
W3GHD . . . 77,631-113-229- B- -	W3ARK . . . 71,904-112-214- B-32	W3MDE (W3s MDE SOH)	
W3MLW . . . 49,868- 91-184- B-60	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3ALX . . . 44,838-106-141- C-12	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3HUS . . . 44,838- 94-159- C-20	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3BIP . . . 41,719- 89-157- A-45	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3DAO . . . 37,800- 72-175- B-48	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3ZLU . . . 29,718- 78-127-AB-25	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3DYU . . . 27,117- 69-131- C-27	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3VDV . . . 20,944- 68-103- C-25	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3EVV . . . 18,762- 59-106- C-17	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3ADZ . . . 18,483- 61-101- C- 7	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3GRS . . . 16,653- 61- 91- A- 7	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3RPG . . . 15,147- 51- 99- B-17	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3OCU . . . 13,083- 49- 89- C-14	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3DQG . . . 12,096- 48- 84- A- -	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3QMZ . . . 12,012- 44- 91- C-34	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3QLW . . . 11,997- 43- 93- A-33	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3CHH . . . 10,902- 46- 79- B- -	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3ANZ . . . 9933- 43- 77- B-35	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3BYX . . . 8541- 39- 73- B-40	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3ITW . . . 7080- 40- 59- C-25	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3HTF . . . 4902- 38- 43- A- 7	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3NM . . . 3666- 26- 48- A-15	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3DVC . . . 2574- 22- 39- A-13	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3EAN . . . 2046- 22- 31- C- 6	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3MQY . . . 1620- 18- 30- C- 8	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3GYP . . . 702- 13- 18- A-18	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3SOH . . . 672- 14- 16- A- 1	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3CTJ (W3s CTJ NOH)	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
887,888-328-882- C-78	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3GHM (W3s GHM KDF)	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
497,859-263-631- C-75	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3EBG (W3s BES DMQ CBG)	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
418,417-251-557- C-65	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3KT (W3s JNQ KT)	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
332,688-232-478- C- -	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3KFQ (W3s KFQ QKV)	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
288,684-198-486- C-96	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3CGS (W3s CGS WJD YIK)	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
277,704-203-456- C-76	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3EQA (W3s DQG EQA)	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
272,620-215-429- C-60	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3MDE (W3s MDE SOH)	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
178,080-160-371- B-65	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
Md.-Del.-D. C.	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3LOE . . . 913,230-365-834- C-89	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3GRF . . . 878,240-352-833- C-90	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3MSK . . . 874,245-349-835- C-90	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3EIV . . . 660,011-319-691- C-85	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3MDE . . . 178,080-160-371- B-65	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W3MDE (W3s MDE SOH)	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
178,080-160-371- B-65	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
Southern New Jersey	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W2EY . . . 266,140-205-436- B-70	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W2GGL . . . 229,674-202-379-BC-67	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
W2SDB . . . 86,304-124-232-AC-48	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	
K2CPR . . . 67,275-115-195- A-50	W3MLW . . . 49,868- 91-184- B-60	W3MDE (W3s MDE SOH)	

W2ILN . 32,412-73-148- B-26  
W2UA . 29,748-74-134- B-20  
W2QKJ . 28,728-68-152- B-0  
K2SWZ . 27,612-78-118- A-6  
W2QDY . 17,100-60-95- A-20  
K2MIO . 11,484-44-87- C-8  
K2OEA . 10,455-41-85- A-20  
W2BUI . 7068-38-62- B-12  
W2DAJ . 6216-37-56- B-18  
W2PAU . 5400-36-50- B-7  
W2VUM . 2460-20-41- A-13  
W2BQ . 363-11-11- A-5  
W2SZP . 351-9-13- A-5  
K2CMN . 144-6-8- A-3  
W2BLV . 30-2-5- A-2

*Western New York*

W2FBA . 260,190-210-413- B-41  
W2PTI . 201,474-182-369- B-60  
W2BJH . 128,650-155-278- C-53  
W2YRH . 77,469-119-217- B-61  
W2UWD . 74,256-112-221-A-8  
W2DSB . 65,920-103-214- C-31  
W2ABM . 57,420-87-220- C-51  
W2QJM . 56,610-102-185- B-22  
W2TQR . 52-689-91-193- A-36  
W2PGU . 47,196-92-171- A-25  
W2UHY . 16,116-51-106- B-66  
W2AXR . 16,068-82-103- C-1  
W2EMW . 11,844-47-84- B-17  
K2PFC . 10,944-48-76- B-17  
K2JZT . 3075-25-41- B-10  
W2AKC . 2460-20-41- A-17  
W2BYI . 1248-16-26- B-6  
K2GXN . 1050-14-25- A-20

*Western Pennsylvania*

W3ZAO . 151,593-169-299- B-60  
W3RNO . 39,960-72-185- B-47  
W3KPI . 35,040-80-146- 38  
W3PZC . 12,393-51-81- A-1  
W3YOZ . 10,080-45-75- A-18  
W3ZKB . 8316-44-63- A-10  
W3KNQ . 5775-35-55- A-50  
W3GKY . 5247-33-53- A-19  
W3RSR . 4410-35-42- A-15  
W3KQD . 4275-25-57- A-1  
W3ABW . 1482-19-26- A-15  
W3VKB (W3s LMM VKD WGH)  
721,935-305-789- C-82

**CENTRAL DIVISION**

*Illinois*

W9FJB . 504,425-295-674- C-80  
W9HUZ . 559,800-300-622- C-80  
W9PKW . 388,080-244-524- C-86  
W9FJY . 342,702-237-484- C-50  
W9TB . 244,692-172-387- C-63  
W9FKC . 199,656-177-376- B-47  
W9NII . 174,432-184-316- C-67  
W9VIN . 95,160-104-305- C-84  
K9CPK . 93,765-133-255-BC-34  
W9QIY . 88,392-127-232- B-69  
W9WIO . 62,088-104-199- B-30  
W9PID . 56,898-87-218- C-57  
W9VL . 23,400-65-120- B-23  
W9PNE . 21,450-65-110- B-30  
W9FVU . 19,890-65-102- A-30  
W9EU . 16,524-51-108- C-11  
W9DWQ . 15,561-57-91- A-22  
W9ZRG . 15,250-61-84- C-19  
W9MUJ . 14,946-47-106- A-30  
W9WYB . 14,310-53-90- A-20  
W9NDN . 13,770-45-102- C-20  
W9WFS . 12,150-54-75- B-11  
W9JLD . 10,200-50-68-AB-15  
W9LQF . 8550-38-75- A-21  
W9YKJ . 7524-38-66- A-10  
W9PVA . 7488-39-64- B-16  
W9CNF . 5208-31-56- A-50  
W9JNJ . 4185-31-45- A-23  
W9SGB . 3432-26-44- A-11  
W9OAN . 3393-29-39- B-13  
W9MZP . 3276-28-39- B-18  
W9KMN . 3045-29-35- A-5  
W9YDQ . 3036-23-44- C-8  
W9VTI . 2448-24-34- C-8  
W9QLD . 2175-25-29- B-26  
W9YYS . 2124-18-40- A-15  
W9YDR . 1539-19-27- C-9  
W9EVX . 1326-17-26- B-20  
KN9CDF . 1054-17-22- A-2  
W9GII . 960-16-20- A-5  
W9GIH . 816-16-17- C-4  
W9IZ . 798-14-19- A-8  
W9GSB . 576-12-16- A-10  
W9EBY . 168-7-8- A-2

W9IVB . 96-4-8-A-3  
K9EWB . 9-1-1-A-1  
W9IRH (W9s FVT IRH, K9BIU)  
119,190-145-274-ABC-75  
W9OFR (8 ops.)  
28,350-70-135- B-77

*Indiana*

K9CLO . 135,864-153-296- C-75  
W9POC . 66,738-98-227- C-80  
W9UKG . 51,408-102-168-AB-  
W9BYN . 31,257-69-151- A-38  
W9CWO . 30,225-75-135- B-36  
W9UC . 22,464-64-117- B-20  
W9ESK . 21,576-62-116- B-32  
W9SFR . 16,884-67-84- C-19  
W9NH . 10,192-40-70- B-1  
W9FGX . 10,011-47-71- A-20  
W9FYM . 4590-34-45- B-20  
W9MUR . 4455-33-45- B-15  
W9NXU . 3780-35-36- B-19  
W9DGA . 48-4-4-  
W9ZTD (W9ZTD, K9ADJ)  
111,150-130-285- C-55

*Wisconsin*

W9LNM . 611,010-310-657- C-82  
W9GIL . 256,878-213-402- C-70  
W9WJH . 141,192-159-296- C-50  
W9DYG . 144,775-95-155- B-50  
W9KXK . 38,800-81-160- B-54  
W9RKP . 25,200-60-140- B-40  
W9QNO . 18,876-52-121- C-25  
W9RBI . 18,426-74-83- 15  
W9PQA . 16,380-60-91- A-29  
W9FDX . 14,400-50-96- C-1  
W9VZP . 8532-36-79- A-15  
W9QCR . 3744-26-48- A-8  
W9NLJ . 2376-24-33- A-5  
W9CHD . 1980-22-30- B-1  
W9KQD . 1767-19-31- A-11  
W9MDG . 1392-16-29- 1  
K9BCA . 189-7-9- A-2  
W9LKB . 180-6-10- B-7  
W9UDK . 168-7-8- 1

**DAKOTA DIVISION**

*North Dakota*

W9CAQ . 27-3-3-A-4  
K9CNC . 27-3-3-A-1

*South Dakota*

W9BLZ . 95,250-127-250- B-35

*Minnesota*

W9MPW . 154,524-158-326- C-1  
W9YCR . 90,360-120-251-BC-40  
W9JSN . 82,677-127-217- B-50  
W9WFW . 37,800-84-150- B-48  
W9GNG . 8256-32-86- B-1  
K9BIT . 2376-24-33- B-10  
W9WPW . 1767-19-31- A-7  
K9ALL . 510-10-17- A-2

**DELTA DIVISION**

*Arkansas*

W5MY . 49,980-98-170- B-30  
W5ING . 4544-32-48- A-8  
W4SAS/5 . 72-4-6-A-2

*Louisiana*

W5KC . 169,338-169-334- A-50  
K5DGI . 58,275-105-185- A-50  
W5PYU . 46,920-92-170-AB-50  
W5CEW . 8364-41-68- C-6

*Mississippi*

W5CKY . 313,272-229-456- C-54  
W5GIF . 612-12-17- A-7

*Tennessee*

W4DQH . 323,610-230-469- C-65  
K4LPW . 309,063-213-485- A-75  
W4FKA . 41,328-82-168- C-60  
W4IV . 25,152-64-131- C-22  
K4FAN . 960-16-20- A-11  
W4VOS . 828-12-23- A-10  
W4EPQ (W4s EMU HWV IAS)  
9360-39-80- A-34

**GREAT LAKES DIVISION**

*Kentucky*

W4KVX . 223,440-196-380- C-30  
W4JBQ . 121,245-137-295-AC-50  
W4OMW . 17,820-66-90- B-23

K4DTI . 11,907-49-81- B-14  
W4SUD . 546-13-14- A-2

*Michigan*

W8UPN . 396,435-247-535- C-74  
W8DUS . 353,906-238-497- C-65  
W8RQ . 309,837-229-451- B-63  
W8HMI . 226,083-187-403- C-39  
W8UVZ . 33,966-74-153- A-40  
W8WVU . 30,351-67-151- A-50  
W8ONA . 25,560-60-142- B-36  
W8KPL . 19,008-66-96- B-15  
W8ILG . 16,038-54-99- C-20  
W8IQS . 15,900-53-100-AB-26  
W8WPQ . 11,351-57-81- A-5  
W8SS . 11,322-51-74- A-2  
W8I2S . 3150-25-42- A-21  
W8OOR . 1440-20-24- B-33  
W8SCU . 810-15-18- B-19  
W8YCT . 507-13-13- B-18  
W8OCK (W8s DJN OCK)  
285,795-219-435-AB-65  
W8TUU (W8TUU, KH6ALN)  
199,056-174-382-BC-33  
W8VPC (W8s TJQ VPC, KH6-  
ALN) . 114,168-134-284- B-80

W8BUM . 3255-31-35- B-8  
W8GMK . 3024-21-48- A-24  
W8FDC . 2160-20-36- A-12  
W8BSR . 1881-19-33- B-30  
W8FTI . 1500-20-25- A-20  
W8DFQ . 1440-20-24- A-4  
W8FDN . 1404-18-26- A-5  
W8CSK . 1350-18-25- A-21  
W8VZE . 1296-18-24- B-6  
W8OG . 990-15-22-AB-3  
W8YGR . 594-11-18- A-7  
W8RO . 576-12-16- A-1  
W8BOS . 300-9-10- A-3  
W8RTF . 108-4-9- C-3

**HUDSON DIVISION**

*Eastern New York*

W2IOP . 725,286-327-742- C-70  
W2BBV . 309,618-206-501- B-80  
W2BZY . 222,906-194-385- C-60  
W2HSZ . 179,744-164-366- B-70  
W2HO . 171,765-165-347-AB-67  
W2AWF . 148,617-147-337-ABC-61  
W2FBS . 82,044-106-258-ABC-44  
W2CJM . 73,485-115-213- B-38



Manned by W6s LDR MBA NUJ RW and K6s DDO IGF, W6RW counted up c.w. points and came up with 804,436, top W6 multiplier tab. A total of 128 different countries worked is reason enough for that smile on W6RW, shown at the 3.5 and 28 Mc. position.

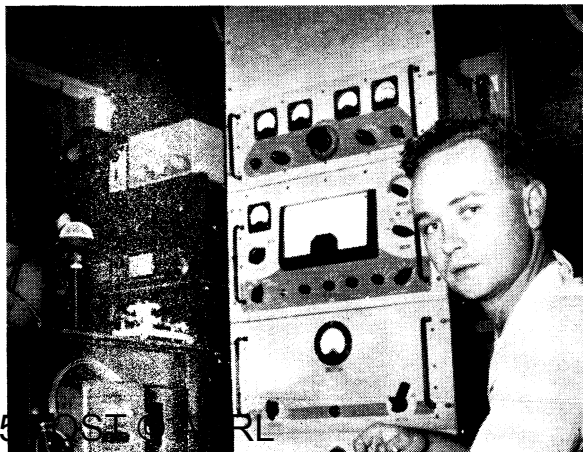
W5FSGX . 757,435-335-755- C-75  
W8BTI . 337,464-218-516- C-55  
W8EV . 320,142-229-466- B-60  
W8TJM . 153,846-154-333- C-1  
W8PUD . 142,778-146-932- C-63  
W8BOI . 88,320-138-340- C-23  
W8CEJ . 71,910-141-170- C-19  
W8SDJ . 66,690-117-190- A-40  
W8AJW . 62,118-102-203- A-33  
W8YPT . 57,474-103-186- A-35  
W8OKB . 44,073-83-177- C-35  
W8CDD . 39,783-89-149- A-25  
W8SWZ . 35,607-83-143- B-28  
W8QDH . 29,968-71-136- B-17  
W8MQR . 26,496-69-128- C-26  
W8ZJM . 22,713-67-113- B-19  
W8NDU . 21,087-71-99- C-17  
W8QXW . 18,816-56-112- B-20  
K8BPX . 18,480-56-110- B-1  
W8HZR . 18,360-60-102-AB-25  
W8ELB . 18,000-60-100- B-33  
W8STL . 17,466-71-82- C-20  
W8KC . 15,450-60-114- B-30  
W8IBX . 15,447-57-91- A-36  
W8NWR . 13,536-48-94- A-21  
W8KMF . 10,845-45-81- A-28  
W8LOF . 10,437-49-71- A-15  
W8NP . 10,164-44-77- B-16  
W8JAQ . 9840-41-60- A-19  
W8DQC . 9702-49-68- A-10  
W8UMA . 8103-37-73-AC-28  
W8TTN . 7956-39-68- A-16  
W8PCS . 6682-41-56- B-9  
W8BF . 4935-25-47- C-9  
W8DWP . 4263-20-49- A-38  
K8CFB . 4224-32-44-BC-8  
W8AL . 4134-26-53- A-13  
W8MFW . 3906-31-42- A-1

K2GFQ . 60,632-104-195- B-34  
W2NCI . 11,016-54-68- B-25  
KN2UPD . 3591-27-45- A-12  
K2SVO . 3036-23-44- A-27  
W2BXC . 2940-20-49- A-18  
K2BE . 2484-23-36- B-8  
KN2UTC . 2457-21-39- A-39  
W2IOP . 810-15-18- A-14

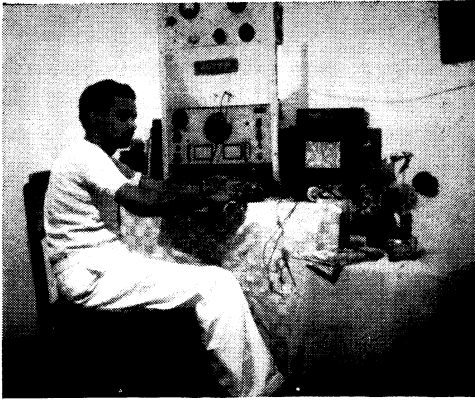
N. Y. C. — L. I.  
W2WZ . 691,742-314-735-BC-73  
W2PRN . 372,033-243-511-BC-51  
K2BSM . 156,816-144-363- C-50  
K2CF . 148,044-146-338- B-63  
W2AZS . 114,615-135-283- C-41  
W2MUM . 108,129-133-271- A-35  
W2OBX . 94,830-145-218- A-38  
W2YAJ . 67,671-103-219- A-36  
W2HMP . 50,196-94-178- C-1  
K2OPJ . 47,334-98-161- A-38  
W2EEN . 35,235-81-145-AB-20  
W2HQL . 34,560-96-120-AB-16  
W2BRV . 29,388-79-124- B-20  
W2KGN . 21,888-64-114- B-15  
W2VDT . 19,494-57-114- C-20  
K2OIL . 18,333-63-99- A-4  
W2BOT . 11,868-46-86- A-12  
K2PHC . 9585-45-71- B-32  
W2ICO . 9417-43-73- B-1  
K2YOR . 8274-42-67- B-6  
W2CUQ . 7128-44-54- B-7  
W2PZE . 5670-35-64- A-4  
W2JB . 4830-35-46- B-13  
W2UDS . 4488-34-44- A-18  
W2M2B . 3240-27-40- B-6  
K2BTT . 1344-16-28- A-5  
K2CMM . 1224-17-24- B-1  
W2LRJ . 675-15-15- B-16  
K2DEM . 504-12-14- A-2

K2MDL.....396-11-12-A-4	W0DU.....39,114-82-159-B-33	W1TRM.....4002-29-46-A-15	W6KEK.....78,288-112-233-BC-40
K2OBW.....210-7-10-A-5	W0GUV.....18,180-60-101-B-28	W1J1Y.....3042-26-39-AB-15	W6CTL.....45,696-78-194-C-40
K2QBW.....168-7-8-A-6	W0RSZ.....13,771-47-98-B-27	W1QVZ.....1782-18-33-A-5	W6MFB.....37,848-76-166-C-20
K2JYH (K2s JYH ORJ) 116,178-134-289-A-45	W0ETV.....6270-38-55-A-28		W6T1.....36,750-75-164-C-38
K2YRM (W2ELZ, K2s OWE SLM).....3915-27-49-A-17	W0ZSL.....5406-34-53-B-26	<i>Rhode Island</i>	W6FLT.....35,490-70-169-C-48
	K0ARS.....2100-20-35-A-16	W1CJH.....241,233-191-421-C-60	W6WLI.....31,968-72-148-C-32
	W0WVJ.....1008-14-24-A-9	W1PNN.....33,462-78-143-AB-30	W6GASH.....20,832-62-112-A-30
	K0EMK.....630-14-15-A--	W1AWE.....20,184-58-116--	K6QXF.....12,825-45-95-AC-30
<i>Northern New Jersey</i>		W1DBA.....6018-34-59-A-6	W0GOV.....10,120-40-85-C--
W2AGW.....537,588-274-654-C-83	<i>Nebraska</i>	W1LQA.....2079-21-33-A-8	W6IPH.....7854-34-77-B-17
K2DCA.....421,005-255-555-C-89	W0DW.....1500-20-25-AB-15	W1BBN.....1122-17-22-A-10	W6MBN.....5226-26-67-A-21
W2BOK.....276,135-204-449-A-93	W0BUR.....135-5-9-A-3		W6EJA.....3300-22-50-B-4
W2EQS.....229,743-201-381-B-50		<i>Vermont</i>	W6ZSS.....2880-20-48-A-30
W2JT.....220,300-188-409-C-54		W1QMM.....45,900-90-170-B-40	W6PYH (W6s GIZ PYH) 458,832-264-580-C-80
W2GNQ.....181,104-176-343-BC-55	<b>NEW ENGLAND DIVISION</b>	W1UGW.....24,480-68-120-AB-22	K6LZI (W6LJC, K6LZI) 4500-30-50-C-8
W2YTH.....155,109-149-347-C-56	<i>Connecticut</i>		
W2GSN.....132,399-141-313-C-24	W1BIH.....509,456-272-625-BC-63	<b>NORTHWESTERN DIVISION</b>	<i>San Francisco</i>
W2CWK.....124,074-183-226-B-35	W1NMP.....413,280-246-560-C-62		W6ATO.....137,025-145-315-C-70
K2JLQ.....90,145-121-249-AB-60	W1VGP.....342,720-224-510-A-55	<i>Idaho</i>	W6WGW.....70,110-114-205-C-80
W2ZGB.....56,175-107-175-B-45	W1DXX.....326,151-217-501-AC-68	W7WMO.....2100-20-35-A-10	K6OPI.....30,879-73-141-A-36
W2AQT.....49,389-101-163-B-58	W10TW.....228,501-189-403-BC-52		W6YC.....19,032-62-123-A-35
W2CYS.....48,822-79-203-C--	W1INI.....202,708-187-362-C-64	<i>Montana</i>	W6MUF.....11,466-42-91--
K2KDW.....34,572-86-134-A-20	W1OJR.....158,760-168-315-B-55	W7CJB.....17,493-49-119-AB-50	W9MLO/7.....7326-33-74-B-24
W2GJD.....33,930-65-174-B-31	W1ZDP.....134,547-149-302-A-46	W7JLD.....1938-19-34-A-12	W6RZS.....3672-24-51-B-16
K2BJA.....30,429-69-147-A-60	W1FVF.....131,418-147-298-B-65		K6LRN.....600-10-20-A-6
W2BYN.....23,115-67-115-A-10	W1QV.....117,360-163-240-C-24	<i>Oregon</i>	
K2KFP.....22,020-60-89-A-22	W1IOB.....98,568-148-222-B-35	W7DAA.....147,510-149-330-C-62	<i>Sacramento Valley</i>
K2GLQ.....20,010-58-115-B-15	W1AJA.....55,386-102-181-A-40	W7FB.....65,400-109-200-A-27	K6EDE.....128,054-141-298-B-78
W0ZU.....17,649-53-111-A-6	W1FEA.....51,606-94-183-AB--	W7OCL.....61,692-97-212-B-52	W6SIA.....96,375-125-257-C-52
W3VIN.....15,840-60-88-A-13	W1CSC.....32,802-77-142-B-47	W7GHB.....51,744-98-176-B-47	W6ONZ.....91,500-120-255-C-59
W2DVT.....14,249-51-93-A-16	W1RWS.....24,708-71-116-B-15	W7WJC.....29,949-67-149-A-04	W6HIR.....35,040-80-146--
W3HTX.....7876-44-60-B-24	W1WY.....20,085-65-103-A-15	W7MJC.....26,784-72-124-A-50	W6DBP.....13,944-56-83-AC-12
W2WQS.....7752-38-68-A--	W1AWA.....18,900-63-100-C-12	W7PJC.....23,718-59-135-B-33	W6BLI.....6084-39-52-C-35
W3GKE.....7130-40-60-A-16	W1LVQ.....8673-49-59-A-12	W7AC.....15,810-62-85-B-20	K6N6XA.....243-9-9-A--
W2EHN.....5952-32-62-AB-25	W1NLM.....3276-28-39-B--	W7ENW.....9324-42-74-C-15	W0MBY.....240-8-10--
K2IYC.....5580-31-60-A-10	W1NJM.....2625-25-35-B-5		K6ILB (K6s FDP ILB) 12,900-43-100-A-60
K2TML.....4704-32-49-A-30	W1ICP (W1s ICP WPO) 559,872-288-648-C-90	<i>Washington</i>	
K2CSC.....4080-34-40-A-12		W7QGF.....276,012-204-451-C-80	<i>San Joaquin Valley</i>
K2MPB.....3325-25-45-AB-10	<i>Maine</i>	W7PQE.....254,200-425-C-65	W6EFV.....40,194-77-174-C-24
W3CVW.....2880-30-32-A-11	W1DLG.....216,220-190-382-C-75	W7BGH.....153,567-158-324-C-64	W6BYH.....28,184-76-128-C-13
W2KKR.....1725-23-25-A-4	K1AHS.....112,684-143-266-C-67	W7HJC.....74,025-105-233-C-54	K6AYX.....28,710-96-145-C-30
W2AEB.....1284-19-22-A-3	W1MFK.....12,768-56-76-A-20	W7JC.....30,208-64-158-B-40	W6KEV.....21,378-64-112-C-15
W2HMN.....1008-14-24-B-13	<i>Eastern Massachusetts</i>	W7CNU.....17,160-52-110-A-42	K6HEA.....11,046-42-88-B-23
W2FKZ.....648-12-18-A-6	W1AXA.....343,959-231-497-C-65	W7YAO.....8058-34-70-A-14	W6BVM.....10,320-43-80-C-10
W2FMP.....288-8-12-C-2	W1BOD.....308,310-215-479-C-66	W7FZA.....6498-38-57-A-16	K6HTM.....84-4-7-C-2
W2CGJ.....240-8-10-C-2	W1WJL.....306,432-228-450-C-70	W7CAB.....792-12-22-B-16	
W2IDZ.....240-8-10-B-4	W1OJU.....169,892-158-358-B-60	<b>PACIFIC DIVISION</b>	<b>ROANOKE DIVISION</b>
W2AIW (W2s AIW GUM OMS) 763,686-319-800-C-90	W1LHZ.....70,632-109-216-AC-49	<i>Nevada</i>	<i>North Carolina</i>
	W1PEG.....58,562-94-213-ABC-61	W7KEV.....49,680-90-184-B-32	W4RQR.....563,456-284-662-BC-57
<b>MIDWEST DIVISION</b>	W1WTF.....37,950-110-115-C-20	K2GUR/7.....11,640-40-97-A-28	W4LZF.....437,310-258-565-C-61
<i>Iowa</i>	W1PWK.....27,612-78-118-B-22	W7YNO.....5655-29-65-B-16	W4CEN.....438,615-285-513-C-50
W0NWX.....260,652-203-431-BC-77	W1IAQ.....27,432-72-127-A-17	W7VIU.....3168-22-48-B--	W4GXB.....188,964-174-362-C-33
W0DSP.....32,175-75-143-B-51	W1NS.....26,270-74-119-AB-26	W7TFV.....1672-19-30-A-10	W4ISP.....44,436-92-161-A-41
W0REP.....21,624-68-106-C-19	W1QM.....21,978-66-111-AB-25		W4DTH.....9588-47-68-A-15
K0DDQ.....3350-25-45-A-23	W1BQL.....17,700-59-100-A-34	<i>Santa Clara Valley</i>	W4GIM.....2664-24-37-B-9
W0USP.....918-17-18-A-10	W1DDO.....13,446-54-83-A-22	W6SR.....188,916-173-364-BC-40	W4OEL.....480-12-14-A-4
K0BMF.....714-14-17-B-15	W1JSM.....10,350-46-75-A-14	W6HOC.....174,033-183-317-C-60	W4AH (W4AH, W7ROM) 262,010-190-461-C-55
W0GXQ.....450-10-15-B-10	W1MLG.....8967-49-61-A-20	W6JWT.....168,453-153-367-B-86	
W0SQO (W0s NCS RT RJY SQO, K0DZX) 700,181-313-749-C-80	W1CTW.....7980-38-70-C--	W6EFR.....68,343-109-209-C-44	<i>South Carolina</i>
W0NTA (W0s NTA NUC PKH) 312,806-227-460-C-93	W1CPJ.....7884-42-61-A-18	W6LV.....20,520-72-95-A-23	W4AIS.....65,322-114-191-B-32
W0WDK (W0s WDK YSE, K0CZQ).....8541-39-73-AB-60	W1BPW.....1560-20-26-A-8	W6VKJ.....18,270-58-105-A-28	K4AVU.....7650-34-75-B-12
W0LNI (7 oprs.) 3240-27-40-B-20	W1BQQ.....1479-17-29-A-3	W6KNM.....10,584-42-84-A-12	<i>Virginia</i>
	W1DYV.....630-14-15-C--	W6QDE.....9120-40-76-BC-18	W4KFC.....961,425-364-882-AC-85
<i>Kansas</i>	W1MKW.....561-11-17-B-5	W6ZZ.....6240-32-65-A-42	W4YHD.....770,472-328-783-BC-83
W0DAE.....82,530-131-210-C-25	W1PLJ.....84-4-7-A-16	W6CFK.....2373-21-40-B-51	W4YON.....353,124-226-492-C-55
K0BSL.....61,506-102-201-B-68	W1MXX.....12-2-2-C-1	W6CLZ.....2109-19-37-B-22	W4PNK.....229,330-190-403-C-55
W0YBQ.....39,060-84-155-BC-19	W1MXV (W1YFM, W2LSJ, K2DXV) 311,156-214-488-C-76	W6RLP.....108-6-6-B-2	W4JAT.....206,816-184-376-B-72
W0IUB.....32,706-79-138-B-32	W1WAI (W1s WAI WAJ) 126,000-140-300-A-70	<i>East Bay</i>	K4BZL.....156,780-156-335-A-69
W0BYV.....13,617-51-89-B-21	W1DFY (W1s CSP DFY) 16,065-51-105-A-38	W6LDD.....353,440-235-502-C-85	K4GMX.....121,716-147-276-C-55
W0BCL.....6519-41-53-A-40		W6GK.....224,664-184-407-C-88	W4GFW.....62,328-106-196-B-26
K0DRR.....3075-25-41-B-20	<i>Western Massachusetts</i>		W4PRO.....49,179-97-169-A-48
W0GAX.....2829-23-41-A--	W1JYH.....306,450-227-450-BC-65		
W0VFE.....1653-19-29-A-8	W1EOB.....241,664-236-342-C-49		
W0VBK (W0s BAH VBK) 65,670-110-199-C-61	W1RB.....59,340-92-215-C-59		
	W1EFQ.....23,490-58-135-C-24		
<i>Missouri</i>	W1WFE.....819-13-21-AB-3		
W0QDF.....313,686-222-471-C-74	W1FSJ.....48-4-4-A-3		
W0BPA.....135,564-158-286-B-78			
W0BMM/0 85,323-119-239-B-55	<i>New Hampshire</i>		
W0ZKE.....75,114-117-214-B-40	W1FZ.....220,599-193-381-C--		
W0PGI.....59,697-99-201-B-47	W1GET.....151,844-154-332-B-63		
W0ANF.....57,855-95-203-C-30	W1ASZ.....6888-41-56-B-9		

Casper Jordan, ZE5JA, captured c.w. laurels for Southern Rhodesia and placed 2nd in Africa with 100 watts to parallel 807s. The handsome home-brew v.f.o. rig is used in conjunction with a much-modified RBJ4 receiver and Q-multiplier.







Surmounting various receiver difficulties, 4S7WP managed to QSO 254 of the boys with just 17 watts input. "Shanti" feeds two 20-meter dipoles simultaneously, one over the short path and one for the long way 'round.

W4WBC.....17,877-59-101- B-20	W4FNR.....1587-23-23- A-13
W4CQI.....11,808-48-82- B-22	W4RWA.....1080-15-24- B-4
W4FRO.....11,163-48-61-BC-16	K4DRO.....798-14-19- A-3
K4DKA/4.....5460-35-52- A-22	W4EEO.....144-6-8- - -
W4KMS.....4920-40-41- B-25	
W4UBE.....4158-33-42- A-39	
K4KES.....3864-28-46- -17	
K4KIF.....3321-27-41- A-9	
W4WSF.....2376-22-36- A-6	
W4ZPR.....798-14-19- A-9	
K4JEJ.....637-13-17- A-9	
K4ELG.....147-7-7- A-11	
K4JKK.....90-5-6- A-4	
W4KXV (W4s KXV TKR, K9AZJ) 573,196-292-655- C-96	
W4NPT (W4s NUS SJB WVN, K4HTD) 98,892-134-246- B- -	
W4ZZV (W4ZZV, K4GWO) 594-11-18- A-15	
<i>West Virginia</i>	
W8UMR.....61 692-106-194- A-23	
W8LSJ.....6549-37-59- A-19	
W8AVW.....1323-16-21- A-5	

**ROCKY MOUNTAIN DIVISION**

<i>Colorado</i>	
W6SBE.....81,780-116-235- A-68	
W6AZT.....41,652-89-156- C- -	
W6CDP.....33,840-80-141- A-31	
K6EPK.....24,924-67-124- A-30	
W6WME.....5643-33-57- B-31	
K6EDK.....2460-20-41- A-25	
K6EDH.....1944-18-36- A-25	
W6SGG.....1674-18-31- A-7	
<i>Utah</i>	
W7NMK <sup>4</sup> .....24,990-70-119- A-20	
W7BOD.....84-4-7- A-3	
<i>Wyoming</i>	
W7PSO.....432-9-16- B-2	

**SOUTHEASTERN DIVISION**

<i>Alabama</i>	
W4DS.....12,852-36-119- - -	
W4WOG.....2208-23-32- A-12	
K4CXC.....546-13-14- A-2	
<i>Eastern Florida</i>	
W4LVV.....312,180-220-477- C-80	
K4CTU.....241,773-203-397- B-56	
W4IEH.....140,600-152-309- C-66	
W4AZK.....111,795-145-257- A-68	
W4WHK.....55,257-113-163- B-60	
K4HOL.....28,476-84-113- A-20	
W4FZW.....22,836-66-116- A-40	
W4DXL.....15,544-58-90- B-24	
W4DRK.....2625-25-35- A-10	
K4GOZ.....2604-28-31- B-3	
W4ZQK.....2046-22-32- A-4	
KN4KKQ.....1767-19-31- A-4	

<i>Western Florida</i>	
W4BGO.....439,008-269-544- C-80	
W4WKQ.....32,631-73-149- C-30	
W4HIZ.....23,400-71-110- B-33	
W4LCY.....816-16-17- B-15	
<i>Georgia</i>	
W4CYA.....283,590-230-411- B-75	
W4BPP.....134,964-163-276- B-40	
W4ZKU.....68,688-106-216-BC- -	
K4BAI.....64,176-112-191-BC-40	
W4YK.....45,087-113-133- C-23	
W4BFR.....40,495-89-153- B-39	
W4JII.....35,100-75-156- B-24	
K4GSS.....20,007-57-117- A-30	
W4HYW.....9366-42-75- C-18	
W4LDD.....4650-31-50- A-25	
K4HIG.....75-5-5- A-7	

**SOUTHWESTERN DIVISION**

<i>Los Angeles</i>	
W6ITA.....645,946-301-716- C-85	
W6YMD.....641,520-297-720- C-80	
W6IBD.....533,676-286-622- C-90	
W6BPD.....456,448-256-602- C-82	
W6BUP.....408,126-271-502- C-76	
K6EWL.....407,077-253-537- C-85	
W6NZW.....348,270-235-494- C- -	
W6FSJ.....308,880-220-468- C- -	
W6OYD.....160,356-161-332- C-36	
K6VTQ.....91,800-120-255-BC-36	
K6EIV.....82,818-107-258-AC- -	
K6CEF.....49,725-85-195- B- -	
W6UQQ.....39,852-82-162-AC-29	
W6SUQ.....39,105-79-165- C-50	
K6IYJ.....38,637-81-159- B-55	
W6SWG.....36,735-79-155- C-21	
W6ZMX.....35,424-82-144- B-40	
W6CIS.....32,625-75-145- C- -	
W6U9Y.....32,499-69-157- B-66	
W6BUD.....31,590-65-162- C-24	
W6CCV.....24,768-72-116- C-20	
W6HAL.....22,743-57-133- B-43	
K6GLC.....22,680-56-135- A-29	
W6JFJ.....21,594-59-122- A-4	
W6KPV.....18,144-56-108- C-30	
W6JST.....12,267-47-87- B-25	
W6EJT.....11,439-41-91- B-40	
W6YY.....11,214-42-89- C-10	
K6PDA.....9246-46-67- B-21	
W6APH.....6588-36-61- C-22	
W6MJP.....4653-33-47- A-10	
W6ACL.....3657-23-53- A-24	
K6IRK.....3450-23-50- C-16	
W6UYW.....2904-22-44- C-8	
K6KYH.....2772-21-44- B-10	
K6DDO.....2508-22-38- A-7	
W6HPB.....2376-24-33- B-10	
K6UFX.....2220-20-37- A-15	

W6LER.....1734-17-34- C-14	
K6ICS.....1395-15-31- A-4	
W6AM.....1134-18-21- C-2	
W6IIM.....1050-14-25- B-10	
W6ID.....969-17-19- C-4	
K6DLY.....660-10-22- A-6	
W6NVW.....540-10-18- A-8	
W6RW (6 oprs.) 804,436-332-811- C-94	
W6BXL (8 oprs.) 613,914-311-658-BC-84	
W6VSS (W6s UED VSS, K6s CZY EVR) 560,616-284-658- C-90	
W6TPJ (W6s NNV TPJ) 474,744-262-604- C-96	
K6CYX (K6s CYX IBE) 14,787-53-93- B-25	
K6ELX (W6UKB, K6s BYB ELX) 12,540-44-95- C-70	
K6IDA (K6s CEO IDA) 10,626-42-85- C-35	
<i>Arizona</i>	
W7CJZ.....96,348-124-250- C-63	
W7BSP.....61,464-104-197- A-89	
W7ENA.....32,856-74-148- A-64	
W7BAL.....432-12-12- B-14	
W7ATV (W7s ATV UMS) 146,010-155-314- C-95	
<i>San Diego</i>	
W6KSM.....194,877-177-367-BC-63	
W6LRU.....164,328-167-328- A-60	
W6BZE.....134,904-146-308- C-54	
W6CHV.....92,202-127-242- B-54	
W6KYG.....71,595-111-215- C-35	
W6JVA.....69,834-103-226- B-55	
W6RAN.....58,806-99-198- C-18	
W6OME.....50,826-89-197- C-30	
W6CAE.....47,770-85-188- C-29	
W6PLK.....47,595-95-167- C-30	
K6EBH.....34,932-71-164- A-60	
W6AMO.....31,671-69-153- A-50	
K6BHM.....20,558-68-117- A-36	
W6MCY.....15,900-53-100- A-17	
K6LIV.....7992-37-72- A-28	
W6ISQ/6.....1035-15-23- A- -	
W6WSV.....489-10-16- A- -	
W6WSW.....72-4-6- A-12	
W6MGT (W6s BGX MGT) 23,580-60-131- B-18	
<i>Santa Barbara</i>	
W6ALQ.....70,263-111-211- C-35	
W6GTI (W6s CEM GTI RRR ULS) 480,180-265-604- C-86	
W6AGO (W6s AGO MGT) 278,527-233-417- C-44	
W6FYW (W6s FYW TOP) 54-3-6- A-8	

W6RKS.....3948-28-47- A-21	
W2DKS/5.....3906-31-42- A-10	
W5ECP.....2430-18-45- A-25	
W5CA.....550-10-19- - -	
<b>CANADIAN DIVISION</b>	
<i>Maritime</i>	
VE1PQ.....233,320-190-410- B-69	
VO1AQ.....30,954-67-154- A-40	
VE1EK.....23,499-63-125- A-30	
VE1ZL.....21,774-57-130- B-26	
VO6N.....9213-37-83- B-30	
VO2S.....3978-26-51- A-15	
VE1CU.....468-12-13- A-5	
VO6U.....297-9-11- A-2	
<i>Quebec</i>	
VE2APH.....30,654-78-131- A-20	
VE2YU.....17,085-67-85- A-20	
VE2AVC.....3564-27-44- A-10	
<i>Ontario</i>	
VE3DT.....37,488-88-142- B-60	
VE3BMB.....26,520-68-130- A-35	
VE3HB.....10,086-41-82- B-21	
VE3DIF.....9204-52-59- B-33	
VE3IR.....7452-46-54- B-19	
VE3PE.....1944-24-27- B-8	
VE3DH.....900-15-20- B-5	
VE3RN.....540-12-15- A-5	
VE3YV.....462-11-14- B- -	
<i>Manitoba</i>	
VE4RO.....103,125-125-275- C-52	
<i>Saskatchewan</i>	
VE5OC.....23,450-67-118- B- -	
VE5PM.....12,549-47-89-AB-35	
VE5VL.....5220-36-51- B-30	
VE5RU.....330-10-11- B-1	
<i>Alberta</i>	
VE6NX.....33,726-73-154- B-30	
VE6SX.....189-7-9- A-3	
VE6FY.....90-5-6- A- -	
<i>British Columbia</i>	
VE7ZM.....141,858-142-333- A-51	
<i>Yukon-N.W.T.</i>	
VE8OW.....56,604-89-212- A-52	
VE8AB.....22,794-58-131- A-40	

**AFRICA**

<i>Algeria</i>	
FA8RJ.....180,432-56-1074- A- -	
<i>Angola</i>	
CR6AI.....285,136-71-1341- B-68	
<i>Belgian Congo</i>	
OQ5GU.....169,668-54-1050- A- -	
<i>Canary Islands</i>	
EA8BF.....218,304-64-1137- A-54	
EA8BK.....8873-19-159- A-29	
<i>Eritrea</i>	
ET2RH.....84,123-39-719- A-37	
<i>French Equatorial Africa</i>	
FQ8AQ.....32,982-23-478- A- -	
<i>French Morocco</i>	
CN8FD.....16,653-21-269- A-40	
<i>French Somaliland</i>	
FL8AB.....1071-7-51- A- -	
<i>French West Africa</i>	
FF8AJ.....20,493-27-253- A- -	
<i>Kenya</i>	
VQ4CC.....15,180-20-254- A-12	
VQ4KP.....12,024-24-168- A-12	
<i>Madeira</i>	
CT8AB.....64,680-44-490- A-29	
<i>Mauritius</i>	
VQ8AB.....918-9-34- A- -	
<i>Mozambique</i>	
CR7LU.....39,351-39-374- A-29	
<i>Northern Rhodesia</i>	
VQ2GW.....23,064-31-248- A-12	

VQ2RG... 12,840- 20-221- A-40

*Southern Rhodesia*

ZE5JA... 168,903- 49-1149- A-64  
ZE6JX... 35,802- 34-351- A-36  
ZE2JS... 33,561- 33-341- A-34  
ZE5JE... 3708- 18- 69- A- 6  
ZE5JY... 648- 8- 27- A- 5

*Southwest Africa*

ZS3Q... 10 803- 13-277- A-11

*Spanish Morocco*

EA9AP... 65,475- 45-485- A-23

*Union of South Africa*

ZS1FS... 37,913- 31-419- A-56  
ZS6AJ0... 33,024- 32-344- A-25  
ZS10... 2472- 24- 37- A-33

**EUROPE**

*Aland Islands*

OH2AA/Ø (OH2s KH LP)  
17,825- 25-238- A- -  
OH1NA/Ø (OH1s SS ST)  
1440- 12- 40- A- -

*Austria*

OE3VP... 86,976- 48-619- A-65  
OE3ED... 50,442- 42-401- A-38  
OE3SE... 38,658- 34-379- A-15  
OE5SD... 30,876- 31-332- A-44  
OE8SH... 7935- 15-178- A-16  
OE5BW... 84- 4- 7- B- -

*Azores Islands*

CT2BO... 14,304- 24-199- A-23

G4CP (2 oprs.)

168,675- 65-865- A-47

*European Russia*

UA1CB... 4017- 13-103- A- -

*Faeroes*

OY7ML... 63- 3- 7- A- -

*Finland*

OH2HK... 69,762- 42-555- A-46  
OH60B... 61,684- 37-560- A-72  
OH2LA... 51,936- 32-541- A- 8  
OH30D... 32,610- 32-335- A-40  
OH2KG... 29,736- 36-276- A-17  
OH2HG... 17,276- 28-209- A-28  
OH1TI... 13,755- 15-306- A- 4  
OH3TH... 13,416- 26-172- A- -  
OH7NW... 11,748- 22-180- A-26  
OH7OU... 10,741- 23-157- A-16  
OH3RA... 10,469- 29-121- A- 6  
OH2XX... 3984- 16- 83- A- -  
OH5NJ... 3315- 13- 85- A- 7  
OH3TQ... 3276- 18- 61- A- 8  
OH2LU... 3078- 19- 54- A- 8  
OH2RW... 2847- 13- 73- A-18  
OH9RD... 2640- 16- 55- A- 8  
OH2LO... 1524- 12- 43- A-12  
OH2XK... 742- 14- 18- B- 2  
OH9QL... 741- 13- 19- A- 4  
OH5QV... 696- 8- 29- A- 4  
OH2VZ... 405- 9- 15- A- 4  
OH90B... 352- 8- 15- A- 9  
OH3TK... 288- 8- 12- A- 4  
OH9PF... 189- 7- 9- A- 4  
OH3RU... 180- 6- 10- A- 4  
OH2KG... 75- 5- 5- A- 2  
OH5PG... 12- 2- 2- A- -  
OH1ST... 3- 1- 1- - -

*France*

F9MS... 257,796- 66-1302- A-65  
F8VJ... 146,276- 58-844- A-46  
F3AT... 141,069- 59-797- A- 4  
F8TQ... 55,200- 50-369- A- 4  
F8ZF... 33,744- 48-424- A-62  
F9TV... 20,760- 40-173- A- 4  
F9OQ... 16,646- 29-158- A- 4  
F9BB... 15,687- 21-249- A-19  
F8TM... 13,545- 35-129- A-10  
F9NL... 7104- 24-100- A- -  
F9CI... 4326- 14-103- A- -  
F3II... 4320- 12-120- A-18  
F3CT... 3648- 16- 76- A- 4  
F9DW... 3384- 24- 47- A-13  
F8HO... 486- 9- 18- A- -  
F8DF... 432- 8- 18- A- -

*Germany*

DL1JW... 259,558- 67-1302- B- -  
DL7AH... 207,232- 64-1081- A-75  
DL1BR... 38,502- 46-279- A- -  
DL7CW... 34,440- 40-287- B-33  
DL7AD... 33,480- 40-279- B-30  
DL3DU... 28,337- 43-220- AB- -  
DL7DF... 11,730- 34-115- A-38  
DL9PJ... 4329- 13-111- B- -  
DJ1VL... 2601- 17- 51- A- 4  
DL1EA... 1708- 14- 41- A- -  
DJ1II... 132- 4- 11- A- 2  
DJ3JZ (DJs 1BP 3JZ, DLs 1CR  
3AO)... 261,954- 66-1323- AB-87

*Northern Ireland*

GI3GAL... 36,024- 38-316- A-14  
GI5UR... 6000- 20-100- A-18

*Norway*

LA5B... 51,240- 35-488- A-36  
LA2HC... 32,946- 34-323- A- -  
LA4K... 24,582- 34-241- A-46  
LA2Q... 17,184- 32-179- A-30  
LA7X... 14,940- 27-184- A- -  
LA2TF... 13,392- 27-166- A-15  
LA3RC... 11,388- 26-146- A-25  
LA4ZB... 5502- 21- 90- A- 8  
LA8MC... 3081- 13- 79- A- 8  
LA1WF... 2142- 14- 51- A-11  
LA6U... 1807- 13- 47- A- -

DJ1BZ (DJ1BZ, DL3GZ)

248,094- 66-1253- A-70

DL4PN (WA1TR, DL4PN)

133,630- 46-979- B-51

*Greece*

SV1AB... 160,539- 59-907- A- -  
SV9WP... 116,064- 52-744- A-39  
SV9WR... 15,660- 20-261- AB-10

*Hungary*

HA5BW... 34,353- 33-347- A-30  
HA5BI... 18,180- 30-208- A-31  
HA5BS... 3564- 11-108- A-14  
HA5BU... 1808- 16- 38- A-11  
HA5AM... 330- 5- 22- A- 3  
HA5KAG... 216- 6- 12- A- 8

*Iceland*

TF3KG... 54,020- 37-493- A-29  
TF3AB... 40,641- 31-437- A- -

*Ireland*

EI9J... 285,867-69-1381- A-45  
EI6D... 36,660- 26-473- A-43  
EI9P... 26,890- 35-256- A- -  
EI5G... 25,024- 32-265- A-16  
EI9F... 1593- 9- 59- A- 8

*Italy*

I1NT... 164,781-51-1077- B-55  
I1AMO... 158,175- 57-937- A-51  
I1TAL... 122,745- 49-835- A-49  
I1ZCN... 31,317- 33-323- A-60  
I1FT... 840- 14- 20- A- 7  
I1ER... 637- 7- 31- A-12

*Lithuania*

UP2AS... 10,281- 23-149- A-30

*Netherlands*

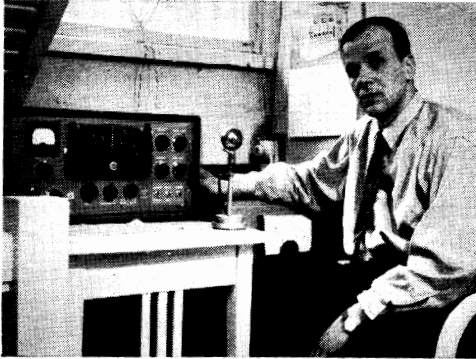
PA0RE... 251,049-67-1249- A-76  
PA0EP... 190,818-64-1002- A-88  
PA0VB... 145,116- 58-834- A-85  
PA0BV... 69,309- 51-453- A- -  
PA0NV... 46,515- 35-443- A-33  
PA0FLX... 33,417- 47-237- A-50  
PA0LOU... 19,760- 19-353- A-60  
PA0KZ... 10,800- 40- 90- A- -  
PA0LY... 10,396- 23-156- A- -  
PA0CE... 4300- 20- 72- A-10  
PA0VP... 3264- 17- 64- A- 6  
PA0BX... 1910- 10- 64- A- -  
PA0TA... 108- 6- 6- A- 3  
PA0WAC... 104- 4- 9- A- -

*Northern Ireland*

GI3GAL... 36,024- 38-316- A-14  
GI5UR... 6000- 20-100- A-18

*Norway*

LA5B... 51,240- 35-488- A-36  
LA2HC... 32,946- 34-323- A- -  
LA4K... 24,582- 34-241- A-46  
LA2Q... 17,184- 32-179- A-30  
LA7X... 14,940- 27-184- A- -  
LA2TF... 13,392- 27-166- A-15  
LA3RC... 11,388- 26-146- A-25  
LA4ZB... 5502- 21- 90- A- 8  
LA8MC... 3081- 13- 79- A- 8  
LA1WF... 2142- 14- 51- A-11  
LA6U... 1807- 13- 47- A- -



In spite of poor end-of-contest conditions, OH5QN talked his way to Finland's top post and resultant certificate of performance. Basic facts: 100 watts, Gelsoso receiver, G4ZU beam.

**ASIA**

*Afghanistan*

YA1AM... 35,743- 31-387- B-33

*Ceylon*

4S7WP... 11,430- 15-254- A-26  
4S7MR... 8190- 13-210- A- -

*Formosa*

BV1US (K2MZM, W4DKD,  
W7VHR, W8UKU)  
5478- 11-65- AB- -

*Hong Kong*

VS6AE... 1312- 8- 55- A- -  
VS6DN (VS6s CO DN)  
12,870- 22-195- A-17

*India*

VU2RM... 10,780- 28-129- A-15

*Israel*

4X4CJ... 10,968- 24-154- A- 8

*Japan*

JA1VX... 342,967- 59-1944- C-72  
JA3BB... 230,956- 58-1331- B-77  
JA1QI... 33,504- 32-349- B-26  
JA8AA... 26,010- 17-510- B-23  
JA8AQ... 12,740- 14-304- A-17  
JA2JW... 10,140- 26-130- A-17  
JA3JM... 9309- 29-108- A- -  
JA3AZ... 6832- 28- 82- A- 7  
JA1ACA... 5265- 15-118- A- -  
JA1AA... 3444- 14- 83- A-28  
JA1AB... 3120- 12- 87- A- -  
JA1AL... 2772- 11- 84- A- -

*Lebanon*

OD5LX... 18,150- 25-242- A-13

*Macau*

CR9AH... 58,695- 35-550- A- -

*Pakistan*

AP2RH... 2910- 10- 97- A- -

*Ryukyu Islands*

KR6BF... 22,854- 26-294- A-39

*Balearic Islands*

EA6AF... 208,986- 61-1142- A-60

*Belgium*

ON4HB... 76,650- 50-511- A- -  
ON4DB... 4956- 14-117- A-17

*Channel Islands*

GC2FZC... 3996- 18- 76- A- -

*Czechoslovakia*

OK1MB... 373,326- 86-1459- A-60  
OK3DG... 238,420- 65-1225- A-75  
OK1PF... 162,666- 63-864- A- -  
OK1XQ... 75,525- 53-475- A- -  
OK1ASF... 13,888- 28-168- A-25  
OK1JX... 59,416- 56-362- A- -  
OK1AEH... 46,150- 50-308- A-40  
OK3EE... 37,138- 31-400- A-37  
OK1LM... 14,553- 27-181- A- -  
OK3MM... 11,100- 20-185- A- 9  
OK1AJB... 8104- 16- 65- A- -  
OK1EB... 2052- 19- 36- A-15  
OK1KTI (2 oprs.)  
105,810- 56-987- A-80

*Denmark*

OK2KBE (- oprs.)  
80,605- 49-550- A-64  
OK1KDR (- oprs.)  
10,872- 24-151- A-21

*England*

G5RI... 216,612- 66-1094- A-65  
G2HPF... 148,890- 70-709- A- -  
G2QT... 144,292- 58-858- A-55  
G3HJJ... 98,898- 53-627- A-64  
G2MI... 92,288- 56-550- A-51  
G3EYN... 44,100- 50-294- A-16  
G3JKF... 30,459- 33-308- A-20  
G3JWZ... 28,188- 36-261- A-25  
G5MP... 17,982- 37-162- A-30  
G2AJB... 12,609- 27-159- A-18  
G3JUL... 4968- 12-138- A- 7  
G2ICH... 108- 7- 8- A- 2

One-week-end operation of HH2RM by W2LEJ elicited the 2nd high North American voice total. A small 65 watts and big 500-foot long wire led to a significant 769 QSOs and 131,328 points.



LA3UF.....1512-12-42- A-9	KL7BZA....7062-22-107- A-8	ZL1MT....36,371-37-328- A-21	British Guiana
LA3HA.....1500-10-50- A-9	KL7AIZ (W3s FY KZQ)	ZL1APM...32,340-33-328- A-23	VP3AD.....1840-10-62- A-3
LA9XB.....1460-10-49- A-5	455,139-81-1873- C-69	ZL3OB.....29,715-35-283- A-	Chile
LA6CF.....1305-9-49- A-28	KL7WAF (K2TGL, KL7BZA)	ZL1TB.....44485-13-115- A-12	CE3AG...134,940-65-692- B-21
LA9T.....610-10-21- A-5	185,168-48-940-AB-42		French Guiana
LA5UF.....105-5-7- A-1			Philippine Islands
LA1K (LAs 2LD 2MB 3HF 6GF 6MF)	Bahamas	VP9XK...178,716-53-1125- A-50	DU7SV...144,000-45-1067- B-
64,072-40-546- A-70			SOUTH AMERICA
Poland	Bahados		Argentina
SP8CK.....34,656-32-361- B-31	VP6AF.....15,687-21-249- A-24	LU8FBH...59,211-27-731- B-	LU8FBH...59,211-27-731- B-
SP2SJ.....27-3-3- A-	VP6DG.....10,097-23-142- A-	LU9DL....7182-14-171- A-10	LU9DL....7182-14-171- A-10
SPIKAA (6 oprs.)	Canal Zone	LU7CW....1350-9-50- B-3	LU7CW....1350-9-50- B-3
79,866-34-783- A-96	KZ5KK.....82,521-53-519- A-		Brazil
Portugal	Cayman Is.		PY7AN...184,509-57-1079- B-51
CT1CO....65,640-40-553- B-26	VP5BH (W4s KVX OMW, W8EZF, VP5BH)		PY1ANR...58,480-40-489- A-30
Roumania	569,959-79-2405- A-48		PY1ADA...55,692-42-442- B-17
YO3GY....18,000-20-300- A-	Costa Rica		PY7AFK...9324-14-222- A-18
YO3RF....12,762-26-164- A-15	TI2RO.....3000-10-100- A-4		PY1BDU...8964-27-111- A-
YO3FT....4380-10-150- A-18	Cuba		PY4AO....4532-11-138- B-
Saar	CM8EM...42,273-33-429- A-11		PY4CY....810-10-27- B-
9S4AX....22,715-35-219- A-	Dominican Republic		PY2AQL....594-9-22- B-2
9S4CM....13,464-24-189- A-	HI8BE.....58,050-43-450- A-10		<sup>1</sup> W3MFW, opr. <sup>2</sup> Hq. staff - not eligible for award. <sup>3</sup> W1WPR, opr. <sup>4</sup> W0AZT, opr. <sup>5</sup> W6HQN, opr.
Scotland	Greenland		Peru
GM3EOJ...45,591-39-394- A-20	KG1KK...97,088-64-510-AB-27		OA4BP....79,976-52-522- A-41
GM8SQ....4095-15-91- A-	OX3LD....13,650-25-182- A-		OA4FT....54,060-34-534- A-43
Spain	Haiti		OA4J....6633-11-201- B-
EA1AB....193,314-58-1111- A-51	HH2DX...141,372-66-714- A-29		Uruguay
EA1BC....147,312-62-792- A-37	Mexico		CX2FD....1140-10-38- A-
EA1CP....93,060-47-660- B-42	XF1A...1,281,702-114-3757- C-60		Venezuela
EA3KT....28,644-33-292- A-44	Puerto Rico		YV5BJ....1200-8-50- A-2
EA4CE....22,533-29-259- A-25	KP4ADS.856,340-94-3050- C-84		
EA5FI....20,358-27-255- A-21	KP4DH.809,600-92-2988- B-80		
EA4FU....13,377-21-214- A-20	St. Martin, French		
EA2CR....1080-8-45- A-	FSRTR...150,993-57-883-AB-33		
Sweden	Windward Is.		
SM3AZV...82,579-47-593- B-	VP2LU...499,359-79-2107- A-		
SM4DN....54,264-34-532-AB-			
SM5ANY...47,040-40-392- B-	OCEANIA		
SM3AXN...33,690-30-378- A-	Australia		
SM5AOI...32,079-37-289- A-	VK2GW....331,425-75-1473- A-61		
SM6ID....31,824-34-312- A-41	VK2QL....222,345-61-1215- A-		
SM7BPO...26,796-29-320-AB-48	VK7EM...170,676-66-868- A-50		
SM5IZ....24,021-17-471- B-	VK5BO...70,272-36-653- A-26		
SM2AQO...23,004-36-214- A-20	VK5WO....37,800-35-364- A-22		
SM7MS....22,260-28-265- B-34	VK5JT....24,668-32-258- A-		
SM5ARR...22,221-27-276- A-	VK3PG....14,697-23-213- A-7		
SM5CCE...13,920-20-232- A-25	VK3ZC....9200-25-123- A-		
SM1CBC...13,702-26-179- A-	VK5RX....5076-12-141- A-10		
SM4BFJ...12,060-20-201- A-	VK3PN....3906-18-73- A-6		
SM5BCE...11,180-43-87- B-	British North Borneo		
SM6BDS...10,850-31-118- A-17	ZC5AL....8370-15-186- A-26		
SM7EH....5796-14-138- A-	Canton Island		
SM57L....4998-14-119- B-	W6YKE/KB6		
SM6VY....3995-17-79- A-8	1089-11-33- A-2		
SM5BZ...3021-19-53- A-	Fanning Island		
SM6BGJ...1620-12-45- A-	VR3B.....1152-8-48- A-		
SM5KB....1560-15-35- A-6	Hawaii		
SM5ATK...1452-11-44- A-	KH6CBP.968,691-101-3197- C-82		
SM5UU...1302-14-31- B-	KH6IJ...965,400-100-3215- C-77		
SM2CSA...561-11-17- A-	KH6KM...721,355-95-2531- C-86		
SM2CAA...552-8-23- A-	KH6PM...534,336-88-2024- B-54		
SM5CXF...288-8-12- B-	KH6WW....5920-14-131- B-4		
SM5AHK...252-7-12- A-	KH6AYG (KH6s AYG BCM BLH)		
SM4ASJ...195-5-13- A-	661 028-86-2506- C-70		
SM3BCZ...3-1-1- A-	Marianas Is.		
Switzerland	KH6AIK/KG6		
HB90Q...72,618-49-496- A-50	25,704-21-408- A-18		
HB9GX...54,972-36-509- A-27	W6NTJ/KG6 9204-13-237- A-14		
HB9EU...33,966-34-333- B-14	New Caledonia		
HB9TE....3456-18-64- A-	FK8AL...222,768-56-1326- A-81		
Trieste	New Guinea		
I1BNU....85,600-50-575- A-47	VK9AU....1980-15-44- A-		
I1BLF....41,820-34-410- A-25	New Zealand		
I1Y CZ....2800-10-94- A-11	ZL1MQ...273,600-80-1140- A-43		
Wales	ZL4GA....49,491-39-423- A-		
GW3ZV...73,278-46-531- A-24			
GW3BQY...58,056-41-472- A-33			

## NORTH AMERICA

Alaska	
KL7PIV.291,816-63-1544- C-50	
W9KLD/KL7	
201,564-66-1019- C-41	
KL7BPK...64,170-46-465- A-25	
KL7BSW...40,365-39-345- B-16	
KL7BND...26,320-28-316- A-29	

## PHONE SCORES

### ATLANTIC DIVISION

Eastern Pennsylvania	
W3ECR...294,360-220-446- C-69	
W3GHS...178,840-170-352- B-54	
W3ALB...128,660-140-307- C-39	
W3HIX...116,983-131-299- B-61	
W3IMV...45,018-82-183- B-32	
W3RPG...24,353-71-116- B-31	
W3NGV...23,625-75-105- C-33	
W3KFK...20,223-63-107- A-36	
W3ZSS...18,050-51-118- C-40	
W3DQW...11,144-44-92- A-	
W3GRS...5880-35-56- A-6	
W3MDE...5508-36-51- A-	
W3CGS...3936-32-41- A-24	
W3ORU...3048-24-43- A-4	
W3NBM...2040-20-34- B-14	
W3DBX...1767-19-31- A-	
W3TJV...819-13-21- B-10	
W3LEZ/3...585-13-15- A-8	
W3GHD...360-10-12- B-1	
W3QLW...210-7-10- A-7	
W3EAN...147-7-7- C-1	
W3SOH...147-7-7- A-1	
W3HUS...27-3-3- C-	
W3DHM (W3s DHM IYE MQC)	
270,848-184-492- C-65	
W3EBG (W3s BES EBG GXP)	
143,264-148-324- C-65	
W3EQA (W3s EQA LEZ)	
104,020-140-249- C-60	
W3KT (W3s GHD KT)	
77,436-108-239- C-	
W3CUB (W3s CGS CUB NIP)	
51,597-91-189- C-38	
W3VHV (W3s DUV VHV)	
780-13-20- A-4	
Md.-Del.-D. C.	
W3MSK...398,286-218-609- C-90	
W3DRD...72,102-122-197- B-36	
W3IYE...34,958-77-153- C-36	
W3HVM...1152-16-24- A-6	
W3VAM...897-13-23- B-3	
W3MSR...765-15-17- B-	
W3NNX...612-12-17- A-16	
W3ZQ...588-14-14- C-3	
W3VTH...114-9-11- A-20	
W3BVO...214-6-7- B-10	
W3VQZ...3-1-1- A-2	
W3WQN (W3s EAR WQV ZEQ)	
206,006-146-471- C-96	
W3TMZ (W3s FYS TMZ)	
W6HOH)32,879-77-143- C-29	
Southern New Jersey	
W2ATE...833,664-312-892-BC-83	
W2DMR...32,913-69-159- C-90	
K2BQW...14,784-44-112- B-64	
W2ESG...13,161-41-119- B-50	
W2SZP...9009-39-77- A-2	
W2ILN...4488-33-46- A-13	
W2ZXX...4366-37-40- C-9	
Indiana	
W9JJP...72,360-120-201- C-47	
W9JYU...51,510-101-170- B-42	
W9RKE...12,320-44-94- A-36	
W9PLB...324-9-12- A-10	
W9UKG...75-5-5- C-	
W9FGX...12-2-2- --	

### CENTRAL DIVISION

#### Illinois

W9NZM...187,312-184-340-AC-76	
W9WKU...70,966-117-204- C-56	
W9JID...13,035-65-79-AB-21	
W9WMO...10,560-44-80- B-28	
W9IRH...9849-49-67-AC-28	
W9DOR...9198-42-73- A-	
W9FVU...7020-36-65- A-15	
W9KMN...5814-38-51- A-11	
W9YKJ...3960-31-42- A-11	
W9EU...3906-30-41- C-8	
W9LQF...2537-19-41- A-14	
W9IVB...1920-20-32- A-12	
W9WFS...1404-18-26- B-6	
W9WNC...1207-12-24- A-22	
W9NDN...765-15-17- C-4	
W9WXX...675-15-15- B-8	
W9PCA...432-12-12- B-	
W9CNF...297-9-11- A-10	
W9IZ...75-5-5- C-2	
W9EVX...3-1-1- --	

W9ZTD (W9ZTD, K9ADJ) 22,466-58-129- C-36	W8RTF.....1350-18-25- C-6 W8FDN.....1260-15-28- A-5 W8LOF.....1122-17-22- A-5 W8GRG.....672-14-16- A-13 W8TJM.....612-12-17- C- - W8BPE.....390-10-14- A-3 W8MFW.....363-11-11- A- - W8PCS.....297-9-11- B-2 W8OMY.....240-8-10- B-4 W8YPT.....216-8-9- A-4 W8RNB.....40-4-4- C-3	W1MX (6 oprs.) 13,400-50-90- C-27	W4ZZV (W4ZZV, K4GEO) 351-9-13- A-12
<i>Wisconsin</i>			
W9EWC.....286 650-182-527- C-75 W9GIL.....63,630-101-210- C- - K9EWL.....46,740-76-205- C-65 W9RBI.....40,548-109-124- -30 W9MBF.....32,472-82-132- A- - W9VZF.....29,700-65-150- A-37 W9PQA.....16,020-60-89- A-30 W9LKB.....6120-30-68- B-24 W9VQK.....5652-36-53- B-42 W9FDX.....5394-31-58- C- - W9N1J.....5328-37-48- A-13 W9OMZ.....1260-20-21- C- - W9GSS.....988-13-26- A-8 W9RH.....810-15-18- C- - W9VOD.....611-13-16- C- - W9QGR.....75-5-5- A-2 W9RKP.....18-2-3- B- - W9UDK.....3-1-1- - -	W7UMR.....6000-40-50- A-9 K8DDB.....5244-38-46- A-41		
<b>ROCKY MOUNTAIN DIVISION</b>			
<i>Colorado</i>			
W9SBE.....15,600-52-100- A-55 W9CDP.....3306-29-38- A-16	<i>Utah</i>		
W7ACR.....252-7-12- A-4	<b>SOUTHEASTERN DIVISION</b>		
<i>Alabama</i>			
W4NZM.....23,166-66-117- C-38 W4IA.....9288-43-72- C-15 W4DS.....1200-16-25- - -	<i>Eastern Florida</i>		
K4CTU.....100,317-119-281- B-34 W4HKJ.....22,602-61-124- B-27 W4APY.....1020-17-20- A-12 W4DXL.....918-17-20- B-13 W4DRK.....672-14-16- A-6 W4EEO.....585-13-15- B-10	<i>Western Florida</i>		
W4HIZ.....8448-44-64- B-35	<i>Georgia</i>		
K4GRR.....60-5-4- A- -	<b>SOUTHWESTERN DIVISION</b>		
<i>Los Angeles</i>			
W6YY.....422,304-212-664- C-92 W6IIM.....34,410-74-155- A-30 W6PKK.....11,280-40-94- C-88 W6BUD.....7560-40-63- C-8 W6KVF.....6732-33-68- C-15 W6HAL.....3384-24-47- A-27 W6K1Y.....3042-26-39- B-15 K6EIV.....1638-21-26- C-9 W6LWY.....1377-17-27- A-16 W6ZMX.....1368-19-24- B-12 K6GLC.....1089-11-33- A-10 W6UQU.....880-16-19- A-4 W6SYG.....612-12-17- C- - K6PDA.....612-12-17- C-14 W6NGW.....540-12-15- C- - K6WHG.....60-4-5- A-2 K6ICS.....27-3-3- A-1 W6VSS (W6s UDV VSS, K6s CZY EVR).....269,418-166-545- C-90 W6VUP (W6s FUE OCA SWG VUP).....105,903-123-287-BC-90 K6EXO (K6s EXO LGF).....38,640-80-161- A-79 K6EWL (W6GN, K6s EWLOXU).....11,613-49-79- C-14			
<i>Arizona</i>			
W7ENA.....8400-40-70- A-32 W7UXS.....294-7-14- A-13 W7BSP.....288-6-16- A-8	<i>San Diego</i>		
W6CHV.....30,960-80-129- B-43 W6CTP.....24,723-67-123- C-30 W6JVA.....12,948-52-83- A-35	<i>Santa Barbara</i>		
W6AGO.....46,008-108-142- C-36 K6QBF.....19,947-61-109- C-51 W6ALQ.....1152-16-24- A-8	<b>WEST GULF DIVISION</b>		
<i>Northern Texas</i>			
W5QF.....6552-39-56- A-15 W5ITC.....1620-20-27- B-24 W5DXW.....1350-18-25- A-7 W5OC.....1104-16-23- A-9 K5CNO.....812-14-20- A-15	<i>Oklahoma</i>		
W5ALB.....52,398-71-246-AB-45 W5MCF.....3510-30-39-AB-12	<i>Southern Texas</i>		
K5EXZ.....26,199-71-123- C-51			

W5GAH... 13,864-59-80- A-35  
W5LBC... 5868-36-55- A-21  
W5EDX... 5508-34-54- B-15  
W5BVX... 663-13-17- B-20  
W5SU... 585-13-19- A-10

*New Mexico*  
W5GCI... 18,540-60-103- A-45  
W5FTF... 5811-39-50- B-13  
W2DKS/5... 3159-27-39- A-12

**CANADIAN DIVISION**

*Maritime*  
VO6U... 26,102-62-141- A-45  
W4FOW/VO4... 17,756-46-130- B-27  
VE1YB... 9800-40-82- B-16  
VO6N... 2967-23-43- B-13

*Quebec*  
VE2JR... 45,500-91-168- A-65  
VE2ATD... 22,925-55-141- A-20  
VE2APH... 14,784-44-112- A-15  
VE2AXC... 11,664-36-108- B-29  
W1EXZ/VE2... 1168-16-25- A-13  
VE2ADX... 624-13-16- A-20

*Ontario*  
VE3BNY... 18,800-50-126- A-32  
VE3BDB... 7296-38-64- B-35  
VE3BMB... 6720-40-56- A-32  
VE3HB... 5304-34-52- B-14  
VE3PE... 684-12-19- B-8  
VE3BTR... 60-4-5- B-3  
VE3DMT (VE3s DMT MB)  
84,448-104-272- B-79

*Manitoba*  
VE4RO... 157,209-139-377- C-50

*Saskatchewan*  
VE5VL... 66,096-102-221- B-  
VE5UR... 58,600-100-196- A-40  
VE5ZM... 5130-30-59- A-24  
VE5EX... 4050-30-45- A-  
1248-16-26- A-18

*Alberta*  
VE6NX... 10,062-39-89- B-23  
VE6IN... 1350-15-30- A-14  
VE6MJ... 1083-19-19- B-10  
VE6GS (2 oprs.)  
1248-16-26- A-18

*British Columbia*  
VE7ZM... 15,219-57-89- A-22

*Yukon-N.W.T.*  
VE8AB... 3354-26-43- A-15  
VE8MA (4 oprs.)  
29,607-71-139- A-30

**AFRICA**

*Bechuanaland*  
ZS9G... 88,992-48-618- A-60

*Canary Islands*  
EA8CF... 34,055-35-328- A-32

*Cape Verde*  
CR4AS... 5640-20-94- A-14

*Eritrea*  
ET2US (W3GZO, W5IHH,  
W8GTC)... 2310-10-77- A-  
11,088-21-176- A-30

*Kenya*  
VQ4KPB... 1026-9-38- A-5

*Southern Rhodesia*  
ZE2KR... 39,780-39-340- A-40

*Tanganyika*  
VQ3ES... 11,088-21-176- A-30

*Tangier Zone*  
CN2AK... 2352-8-98- A-  
11,596-14-38- A-5

**ASIA**

*Formosa*  
BV1US (K2MZM, W4DKD,  
W7HVR, W8UKU)  
17,628-26-226-AB-  
36-2-6- A-  
VS6AE... 36-2-6- A-  
Japan  
KA2FQ... 28,866-34-283- A-41  
KA5ZS... 14,850-22-225- B-  
JA3BB... 4960-20-83- B-10  
JA8AA... 1680-10-56- B-9  
JA1EF... 1416-8-59- B-  
JA1CE... 162-3-18- A-  
JA2AH... 3-1-1- A-1

**EUROPE**

*Austria*  
OE5CK... 87,384-44-662- A-40

*Belgium*  
ON4OC... 106,062-66-537- A-65  
ON4DG... 3591-21-57- A-  
ON4DB... 2079-9-77- A-18

*Czechoslovakia*  
OK1MB... 100,110-71-477- A-52

*Denmark*  
OZ3TH... 42,237-39-362- A-60  
OZ4FA... 29,760-24-414- A-  
OZ7BG... 16,275-35-155- A-9  
OZ2JF... 11,232-24-160- A-  
OZ5KQ... 3542-14-85- B-13  
OZ7FG... 768-8-32- A-  
OZ4IM... 90-5-6- A-  
England  
G3DO... 80,288-52-515- A-50  
G3HJJ... 51,948-52-334- A-56  
G5HZ... 45,012-44-341- A-  
G3COJ... 22,788-54-141- A-31  
G2DYV... 21,204-38-186- A-37  
G3JHL... 9792-17-197- A-30  
G3HFZ... 5400-25-72- A-26  
G5MP... 5229-21-83- A-28  
GB2SM (G3s JUL KAB, G5CS)  
10,710-15-238- A-18

*Finland*  
OH5QN... 40,188-34-394- A-24  
OH3RA... 23,040-40-192- A-19  
OH3NY... 240-8-10- A-  
OH2UV... 36-3-4- A-1  
OH2LU... 3-1-1- A-  
France  
F8PI... 144,480-56-865- A-  
F8LE... 16,380-26-210- A-27  
F9RM... 21,630-35-206- A-  
F8XP... 10,920-26-140- A-  
F9TV... 5911-23-86- A-7  
F9NL... 2709-21-43- A-  
F9GL... 1848-14-44- A-  
F9PU... 621-9-23- A-6

*Germany*  
DL4SK... 30,090-34-297-AB-46  
DJ2YL... 29,280-32-305- A-30  
DL9MX... 24,428-31-265- B-14  
DL9XR... 15,656-19-276- A-28  
DL9SN... 10,902-23-158- A-  
DJ2RE... 4995-15-111- A-  
DL7AD... 1107-9-41- B-  
DL9BJ... 595-9-22- B-  
DL4ASA (DL4s CO EAL JEM)  
47,560-40-399-AB-  
Gibraltar  
ZB2I... 1087-11-33- A-5

*Greece*  
SV0WT... 61,236-63-324- A-  
Ireland  
EI5I... 81,796-52-527- A-36

*Italy*  
IIASM... 47,799-47-339- A-25  
IICHJ... 44,694-39-382- A-40  
IIAMU... 30,960-40-258- A-21  
IICCO... 12,798-27-158- A-6  
IIAHW... 7848-24-109- A-16  
IIFT... 2350-10-79- A-11  
IIZCN... 759-11-23- A-9

*Malta*  
ZB1CA... 1078-11-34- A-5

*Netherlands*  
PA0NV... 19,008-36-176- A-30  
PA0VB... 10,890-30-121- A-18  
PA0QX... 6327-19-111- A-15  
PA0XX... 1309-7-62- A-6  
PA0DOK... 1082-9-41- A-5  
PA0BW... 528-11-16- A-  
Northern Ireland  
GI3GAL... 5355-21-85- A-9  
GI3KQV... 3536-17-70- A-16

*Norway*  
LA8WE... 10,143-23-147- A-28  
LA1ZE... 6705-15-149- A-  
LA2AD... 560-8-24- A-6  
LA9T... 288-6-16- A-3  
LA7RE... 270-6-15- A-5  
LA2HC... 27-3-1- A-  
LA1RC... 3-1-1- A-  
LA1K (LAs 3HF 6G77DF)  
8710-26-114- A-35

*Poland*  
SP8CK... 1887-17-34- B-  
Portugal  
CT1PK... 94,464-64-492- B-24

*Scotland*  
GM3BCL... 6489-21-103- A-13

*Spain*  
EA3JE... 98,112-48-692- A-68  
EA4EP... 19,050-25-254- A-26  
EA3LI... 12,975-25-173- A-28  
EA3FJ... 1930-10-66- A-  
EA3JQ... 888-8-37- B-  
EA1GG... 27-3-3- A-8

*Sweden*  
SM5WE... 36,143-47-257- B-  
SM3EP... 22,755-41-185- A-  
SM5XP... 20,775-25-277- A-  
SM5LL... 18,315-33-185- A-  
SM2AKA... 16,905-35-161- A-32  
SM5AL... 16,870-35-162- B-19  
SM5BIZ... 16,065-35-153- A-  
SM6BTT... 13,392-27-166- A-40  
SM3BNL... 4278-31-46- B-13  
SM5BFR... 2268-14-54- A-  
SM5WC... 1755-9-65- A-  
Switzerland  
HB9RG... 13,536-32-141- A-28

**NORTH AMERICA**

*Alaska*  
KL7AZN<sup>3</sup>... 63,726-43-496- A-39  
W9KLD/KL7... 2385-15-53- A-3  
KL7AIZ (W3s FY KZG)  
31,824-34-312- B-33

*Bermuda*  
VP9L... 201,360-80-839- A-45

*Costa Rica*  
TI2RO... 1188-11-36- A-2

*Cuba*  
CO2HB... 26,130-26-338- A-18  
CO2KV... 3498-11-106- A-5

*Dominican Republic*  
HI8SKE... 40,128-44-304- A-10

*Haiti*  
HH2RM<sup>4</sup>... 131,328-57-769- A-38

*Leeward Islands*  
VP2VG (W2CAA, KP4DE,  
KV4BB) 163,296-72-756- A-27

*Nicaragua*  
YE1RE... 40,071-37-361- A-33  
XE1QB... 17,472-28-210- A-  
XE1PAD/XE2 (Kos DDO ELN)  
5544-24-77- A-8

*Yugoslavia*  
YV4CB... 92,637-73-423- A-  
Puerto Rico  
KP4DH... 21,582-33-222- A-12

*St. Martin, Dutch*  
PJ2MC... 10,788-31-116- A-14

*St. Martin, French*  
FS7RT... 5994-18-111- A-11

*Turks and Caicos*  
VP5DS... 40,560-30-455- A-40

**OCEANIA**

*Australia*  
VK3ATN... 176,418-81-727- A-39  
VK5LC... 35,742-37-324- A-41  
VK3WO... 6360-20-106- A-10  
VK7KM... 4004-22-61- A-8

*Fiji Islands*  
VR2BC... 22,923-27-283- A-17

*Hawaii*  
KH6JJ... 466,074-81-1918- C-52  
KH6MG... 112,320-60-624-AB-30  
KH6CBP (KH6s CHS CBP CBQ)  
434,048-72-2017-AC-70  
KH6AYG (KH6s AUB AYG)  
141,460-44-1075- C-  
New Zealand  
ZL1MQ... 95,676-67-476- A-34

*Philippine Islands*  
DU7SV... 22,464-32-234- B-  
South America  
Argentina  
LU2BN... 5400-18-100- B-5  
LU9AW... 2184-14-52- A-  
Brazil  
PY4RJ... 7350-25-104- B-  
PY4KL... 3456-16-72- B-  
PY5GA... 1098-9-41- A-4  
PY2BGO... 510-10-17- B-3

*British Guiana*  
VP3HAG... 63,415-55-386- A-23

*Ecuador*  
HC2BH... 108,228-58-622- A-83

*Paraguay*  
ZP5JP... 17,670-30-197- B-  
ZP5CG... 12,300-25-164- B-  
ZP5ET... 3393-13-87- A-  
ZP5CF... 2430-15-54- A-  
Peru  
OA5H (OAs 4AS 5G 5H)  
395,523-81-1631-AC-96

*Uruguay*  
CX7BR... 13,080-20-217- A-20  
CX7BA... 5811-13-149- A-12  
CX1AK... 5184-16-108- A-8  
CX3CJ... 456-8-19- A-  
Venezuela  
YV5GU... 2370-10-79- A-  
1 W1WPR, opr. 2 Hq. Staff — not eligible for award. 3 W7CEV, opr. 4 W2LEJ, opr.

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