

## 34th ARRL DX



C.W.

## COMPETITION

Phone

February 3-4 and 17-18, March 2-3 and 16-17, 1968

REPORTED BY BOB HILL,\* WIARR

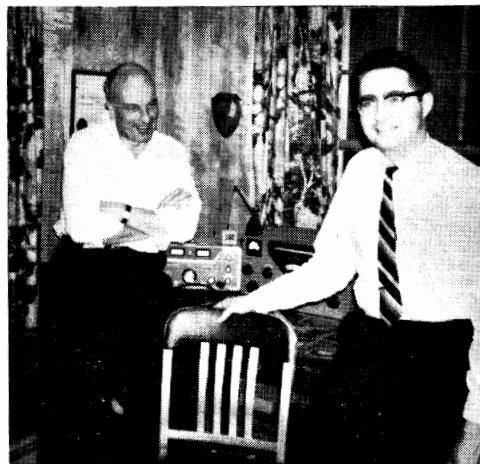
**J**UST to confirm the validity of that ancient Aristotelian axiom "What goes up must come down" (except for the cost of living, of course), we hereby restore gravity to its rightful place in the scheme of things by offering Exhibit A: the 1968 DX Competition. Dizzy from soaring to the rapturous record heights of 2427 logs in '67, the Hq. Contest Branch feels relatively earthbound after a mere 2225 from this year's Test. Yet even a near-10-percent dive in altitude still leaves us high enough so that we have to fumble for the oxygen masks. Decrease and all, it is nevertheless the all-time *second-highest* number of entries, comfortably exceeding 1959's figure of just under 2000. Any more "flops" like this one and we may need to vanish into a complete vacuum somewhere for a couple of weeks.

Scores, in general, were also also down. We're not really sure why, though the demise of ten meters the second c.w. weekend was one noticeable factor. Even more puzzling was the drop in number of countries reporting: only 116 this year vs. 135 for the previous affair.

This was our second year of experience with the new format (no quotas; states and provinces as multipliers for DX; KH6 and KL7 counting as DX), and nearly everyone considers it a vast improvement over previous systems. There was no decrease in one category: the number of comments to the effect that the ARRL DX Competition is still the King of Contests! There were scattered complaints that the Test is too long and should be reduced to one weekend per mode; a few QRPs wistfully longed for a low-power multiplier—but the vast majority now seems content. So don't expect any startling changes for the 1969 fracas (except in your station, of course, which you're going to improve so that you can beat that so-and-so in the next county).

Your reporter gratefully acknowledges the help of K1ZND and W1DGL, who patiently plowed through stacks and stacks of logs and typed most of the scores. Processing this contest is no one-man job.

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Two merry gentlemen are **W1AX** (left) and **K1DIR** (right), as they reminisce about their exploits in the Test. Bob and Roger ran one-two in EMass, pouring 5½ million points into 128 Contest Club coffers. (Or it could be that they're thinking about next year . . .)

## Clubs

Twenty-seven ARRL-affiliated clubs rang up 133 million points this year, compared to 25 clubs and 147 million points the year before. Faithful readers will not be astonished to learn that the **Potomac Valley Radio Club** juggernaut continues to flatten everything in its path. (We'd tell you who topped PVRC both modes, but we swore this would be one writeup in which W4KFC wouldn't get mentioned.) What a bunch of Gavel Gerties! Perennial rival **Frankford Radio Club** had to settle for the Avis spot again in 1968, with W3WJD heading the gang on both c.w. and phone. The **Southern California DX Club** again was third, and again was chased hard by that enemy to the north, the **Northern California DX Club**. With only ten entrants (but what ten entrants!), the **128 Contest Club** ground out almost seven million points and took the 5th niche. New York's **Order of Boiled Owls** flew out of the cauldron and roosted in 6th, not

**"The ecstasy and the agony—with the latter predominant!" — W4KFC**



far behind. Organized after two of the four weekends were already over, the Connecticut-West-Mass **Murphy's Marauders** aggregation stormed to a 7th-place finish—what a demonstration of enthusiasm! what a formidable foe for future Tests! (What a coincidence that your reporter started the club!) The **Northern Illinois DX Assn.** needed just 13 entries to go over the 4-meg mark and capture 8th position. The new **Laurentian DX Club** of Quebec showed that it must be taken very seriously in years to come. And the **Connecticut Wireless Assn.** rounds out the top ten.

It's always interesting, and often revealing, to break down the club scores by mode—not many clubs can boast of having equal versatility on both phone and c.w. Here's how they stack up when reckoned in this manner:

C.W.	Position	PHONE
Potomac Valley RC	1	Potomac Valley RC
Frankford RC	2	So. Calif. DX Club
So. Calif. DX Club	3	Frankford RC
No. Calif. DX Club	4	No. Calif. DX Club
Order of Boiled Owls	5	128 Contest Club
128 Contest Club	6	No. Illinois DX Assn.
Conn. Wireless Assn.	7	Laurentian DX Club
Murphy's Marauders	8	Murphy's Marauders
Niagara Frontier DX Assn.	9	Central Mich. ARC
Laurentian DX Club	10	Golden Triangle DX Club

Two famous G-men pose for a snap. That's **G2RO** on the left; Bob had no trouble looking happy after rolling up Europe's second-high c.w. score after a tough battle with **G4CP**. Al, **G3FXB**, took third place; no doubt you've worked him on 40 meters at one time or another.

### Disqualifications

The calls listed in this paragraph are all deemed ineligible for score listings or awards. In each case, disqualification was under Contest Rule #14 in view of non-adherence to FCC rules as reported by at least two accredited Official Observers, or by a single FCC citation or advisory notice. Such violations as out-of-band operation (carrier or sidebands), spurious emissions, etc., were the basis for these disqualifications. *C.w.:* W1BPW, W2CP, W2GGL, W2WZ, W3YUW (K3s FGO FPY, W3s BGN YUW, oprs.), WA3ATX/3, WA5LUM, K6MG, W6SRF, W9LKJ. *Phone:* WB2YPM, K3AIG, K3HTZ, K3NND, W3BGN, W3EVW (W3EVW, WA3-EPB, oprs.), W3HHK (WB2APG, W3HHK, oprs.), K4OSE (K4ZLE, WA6KHA, W7ZUX, WAØCWA, oprs.), K4YYL, W4BVV (W1DYE, K3NPV, W3BQV, W4BVV, oprs.), WA4IKU, W5KTW, K6NA, W6EWN/3, W6UUI (DLTJY, W6BXL, WB6s AWS FID, oprs.), WB6MPP, K7ADD/3, WA7FAB (KL7FSJ, W7BDR, WA7FAB, oprs.), K8CGD, K8HZU, W8UM (WB2FIT, W8CQN, WA8s HHO LYF RGT ROJ, oprs.), W8-WPC, WA8OSE, WA8PWZ, WØKHL (WØs KHL LDB, oprs.)



### AFFILIATED CLUB SCORES

	Aggregate	Entries	C.W. Winner	Phone Winner
Potomac Valley Radio Club.....	30,256,682	57	W4KFC	W4KFC
Frankford Radio Club.....	24,520,145	78	W3WJD	W3WJD
Southern California DX Club.....	16,825,739	55	K6NA	W6RR
Northern California DX Club.....	13,699,205	65	K6OHJ	W6WX
128 Contest Club (Mass.).....	6,897,164	10	(W6BHY, opr.)	K1DIR
Order of Boiled Owls of New York.....	6,440,644	16	WB2GKS	W2CME
Murphy's Marauders (Conn.).....	4,118,477	48	W1DJG	WA1DJG
Northern Illinois DX Assn.....	4,083,164	13	W9QQN	W9BZW
Laurentian DX Club.....	3,547,435	13	VE2YI	VE2YI
Connecticut Wireless Assn.....	3,379,434	11	W1BGD/2	W1BHII
Niagara Frontier DX Assn. (N.Y.).....	2,954,163	12	K2KNV	K2DDJ
Central Michigan Amateur Radio Club.....	2,838,625	10	W8SH	W8SH
Golden Triangle DX Club (Fla.).....	2,438,162	5	(K1ZND, opr.)	(K1ZND, opr.)
South Jersey Radio Assn.....	2,174,361	33	W2GGT	W2CME
Miami Valley Amateur Radio Contest Society (Ohio).....	1,952,401	10	W8ZJM	W8LXU
West Park Radiops (Ohio).....	1,649,082	22	K8CFH	K8CFH
Arlinc Amateur Radio Club (Md.).....	1,149,921	5	W3BQN	W3BQN
Ohio Valley Amateur Radio Assn.....	1,094,073	11	W8BVF	W8HBR
Suffolk County Radio Club (N.Y.).....	921,567	4	W2ZV	WB2FON
Order of Boiled Owls of Ohio.....	803,536	4	K8EHU	.....
Grumman Amateur Radio Club (N.Y.).....	656,743	6	W2DKM	.....
Westchester Amateur Radio Assn. (N.Y.).....	512,571	4	.....	WB2ZMK
Delta Radio Club (Tenn.).....	181,341	4	.....	WA5RCM
Four Lakes Amateur Radio Club (Wis.).....	157,701	4	W9SCZ	.....
Springfield Amateur Radio Club (Ohio).....	105,672	7	WA8ZGC	W8OG
Oak Park Amateur Radio Club (Mich.).....	63,939	4	W8DQL	.....
Irving Amateur Radio Club (Tex.).....	38,340	3	.....	W5TTY

## TOP TEN

### Single Operator

C.W.	DX	Phone					
W/VE	W/VE	DX					
W9WNV/2	1,833,352	ZD8J	3,277,116	K1DIR	1,445,745	KH6IJ	3,799,962
W3WJD	1,526,220	HK3RQ	3,230,166	W7ESK	1,413,666	HK3RQ	3,755,000
K1DIR	1,477,350	VP2VL	3,084,300	W6RR	1,374,078	YS1XEE	2,721,888
W4KFC	1,420,650	KH6IJ	3,051,270	W3WJD	1,326,150	CE6EZ	2,451,456
W1AX	1,396,850	PY2SO	2,809,131	W4QBK	1,125,884	EA3JE	2,052,819
W2VJN	1,395,240	HK3BAE	2,638,725	W1AX	1,125,408	8R1G	2,050,428
W3GM	1,350,734	PY2BGL	2,603,259	W8SH	1,079,154	XE1AE	2,039,688
W3MVB	1,254,176	PZ1AH	2,074,698	W9AQW	979,209	DJ6QT	1,872,000
K4BAI	1,156,872	VK2EO	1,962,900	W5KTR	946,158	KH6BZF	1,654,209
W9AQW	1,091,232	GI3OQR	1,746,528	K8YBU	933,660	PY7AKQ	1,640,520

### Manners & Morals

#### (A Play in Three Acts and Too Many Performances)

As the curtain rises, the Chorus intones: "Nothing in life is certain except death and taxes—and plenty of Rotten Operating in the DX Contest. Excessive duplicates; calling DX stations in pileups without knowing their calls; barging in on call-area CQs when another call area has been specified; improper signing (or no signing at all); calling banned countries . . . Old soldiers just fade away; old habits apparently don't."

*Act I: The Persistence of (Poor) Memory; or, Unpack Your Troubles From That Old Duplikit Bag.* In this Act, we proffer the suggestion that, while it is laudable to renew old friendships, there is a limit. Here is a sample of the dialogue: "I thought *QST* was quite clear about avoiding duplicates and was surprised when so many fellows couldn't keep track of their VQ9s! Words cannot fully express my venomous thoughts over those duplicates—snarl!"—VQ9B. How true, but words are the only vehicle we have right now. Let's tune in on a few from ZD8J, who, as might be expected, comes through loud and clear: "Clearing my log of duplicates this year required between 20 and 30 hours. In another contest, if I am again in the DX position, and not sufficiently cooled off over all this, I plan to delete completely from my log all stations having duplicate contacts. Instead, they will be specially listed as stations with which I was definitely *not* in contact: no credit allowable." Hw cpy, OM? And KL7IR, tongue lodged firmly in cheek, offers words of "praise": "To the lads that I worked twice (and sometimes thrice) on each band, I can only say 'thanks.' But to the rest of the gang that I worked only once on each band, I can only marvel. They must have access to UNIVAC for instant elimination of duplicate Test contacts!" In the former category are those who think Op Aid 6 is some kind of soft drink. . . . "I still burn at the thought of jerks who jump first and find out who they've worked after I've logged the (usually) duplicate," fumes K2SIL/KH6 (now KH6GNE). But wait! W1BDI BGD/2 and W5BUK, to mention a few, have just rushed onstage carrying a sword that cuts both ways, and protesting, "Why don't some of these DX stations ever sign their calls?" For sure that's one reason for much of the inadvertent reworking, no? At any rate, the fences on both sides could use a little mending.

*Act II: The Identity Crisis; or, Who Was That Masked Man Anyway?* We present a sensible soliloquy by W9GFF: "There shouldn't be a very long list of acceptable W/K scores to print in *QST* if failure to observe regulations causes disqualifications. 97.87 is a sadly neglected or misunderstood regulation. Almost no one transmitted the other guy's call even once, and very rare to find anyone signing even his own call at the end of QSO as the new, simplified(?) regs require."

. . . "Super break-in" is ZD8J's wry appellation for this ploy of dubious legality. Man, these guys are as elusive as Howard Hughes.

*Act III: Forbidden Fruit; or, Strike Out the Banned.* Another entrant from Nine-Land has the floor: "I heard stations calling HS and XV5. Remind the boys that the multiplier is band-countries, not banned-countries!" Yes indeed, and three of the boys (1) called K8NHW/XV5, (2) worked him, and (3) blithely put him in their Test logs. Eeech!

*Epilogue: Brickbats and Bouquets; or, Virtue, Though Battered and Bleeding, Is Triumphant.* Sort Of. WA9NSR complains that too many WB6s were S9 plus 20–20 kHz., that is . . . WAIIGF, WA4IKU, W5BUK, K8OUA, and a cast of thousands, all wonder why W/VE stations persistently bray CQ TEST, thereby effectively clobbering four AC6s, three 4S7s, two 9M8s, one VR6, and a partridge in a pear-tree. . . . While most of the participants agreed that the call-area CQs by DX work nicely on phone, WØBWJ stipulates that it ain't so hot if the DX station absent-mindedly skips a district. And WA3EFH vents a bit of wrath on the ones who specify the district they want, then proceed to work anybody that calls, regardless of whether or not they happen to be in that district. . . . South of the border, down South America way, a couple of the top scorers blended pats on the back with pats lower and harder: "Activity showed to be improved this year, with the same good ops as ever and a few not so good—as the W2 who gave us 599 on 80, then asked five times repetition of serial number. Or W4—, who need a memory tonic, for he repeated four times his QSO on 20."—LU8DLK, opr. at LU8DQ. . . . "Operating practices were superb from *almost* all the participants. The 'almost' means a few guys still insisting, in the middle of the contest, in passing their names, QTHs, power, kind of transmitter and receiver, mikes, aerials, and almost the brand and color of their refrigerators and typewriters. On 10 meters a 9-plus-40 very persistent fellow, after the few words contest QSO, insisted more than six consecutive times, when I said QRZ, in asking my name and QTH. With such a big signal the QRM was tremendous and I couldn't copy anybody, so I finally came back and told him my QTH is OK in the *Callbook* and my name is NABUCODONOSOR. He came back very fast and begged, 'Please, how do you spell it?' Of course, I moved to 15 meters."—HK3RQ.

Our grim drama has a happy ending, however. W5QHD, opr. at ET3USA, "would like to compliment the Stateside boys on their courteous operation." . . . "Was fun to hear 7P8AR and KH6BZF handle the pileups—they blended a little humor and common sense into what otherwise would have turned into nasty fights."—K1GUD. . . . "Thanks to W6QFU, who sent me an airmail letter apologizing for a duplicate QSO." —ZL1HW. And so, as the curtain falls and the setting sun sinks slowly into the east, we can hear only a confused babble of voices angrily muttering, "The DX Test is *fun!* The DX Test is *fun!!* The DX Test is *FUN!!!*" . . . EXEUNT OMNES.

## Doodles

**Scramble Two (or More):** *5H3KJ* wound up in several dozen c.w. logs as "HH3KJ." Anybody seen a whole batch of missing digits? . . . *HB9UB*'s distinctive Swiss swing resulted in many loggings of "VS9UB" and, even more improbably, "4S9UB." One W8 worked two 4S9s. . . . Phone men were not exempt from the alphabet-soup syndrome, either: "CR8RA" appeared more than once, while 8P6 QSOs seemed scarcer than "HP6s" and "XP6s." Our favorite comment, even though it left us totally bewildered, came from a W3: "My biggest thrill was working XP6AY long-path!" . . . Sore-fingered but still smiling, *PY2SO* admits: "Among the exotic calls heard during the last hours of each c.w. weekend, JY2SO, PK2SO and WY2SO were all me." . . . *K0UJN* strongly suspects that the "OU1JA" he worked on phone may not have been entirely genuine.



A superb score and a flawlessly-typed log were the contributions of **CR6CK**. With this modest but attractive layout, Tony sent code to over 2100 W/VE contesters; his 1.1 meg was a solid top for mainland Africa, second only to ZD8J for plaque honors.

**The World Below 14 MHz:** "Six new countries on 40 in this contest make 182 on 7-MHz. phone: CR4BC, DU1FH, SV0WL, VK9GN, VU2MSK, 7P8AR." —*K2GXI*. . . . "40-meter phone U.S. were terrific on longpath." —*VU2MSK*. . . . "5W1AT was my #141 on 3.5 MHz. I'm still stuck at 245 countries on 7 MHz," announced *W3MFW*, for whom we can work up only limited sympathy. Russ uses a 3-element switched array on 80 and a 2-element whirly on 40. . . . "Heard many W1s and W3s on 3.8-plus during second weekend, but unfortunately I did not break through despite much calling on 3.799. I guess I picked a bad channel." —*ZD7KH*. . . . "This year KAs were authorized on 80 meters for the first time and this was a great help in the multiplier department. All my phone QSOs with the East Coast were first-time contacts between there and Japan. The highlight of the phone portion was working Sam, W1FZJ/KP4, even though it didn't count for the contest." —*KA7AB* (now back at K1KTH). . . . "Three new ones on 80: 5W1AT, W6GEB/KS4, KG6-ALV. Missed VS6DD, the one I needed most. Best 80-meter sigs were JA1BRK, VQ9JW/P, G3LP, OA4PF, FP8DZ and VK2EO for contest WAC." —*W1SWX*. . . . "I did not hear one W/VE signal on 1.8 MHz, although I QSO'd JA2CLI and JA4IO for their first VK 'top-band'." —*VK5KO*. "We beg the pardon of W9YB, W4-BVV, and W6RW, but their sigs failed to reach Buenos Aires on 160, being the band very noisy." —*LU8DQ*.

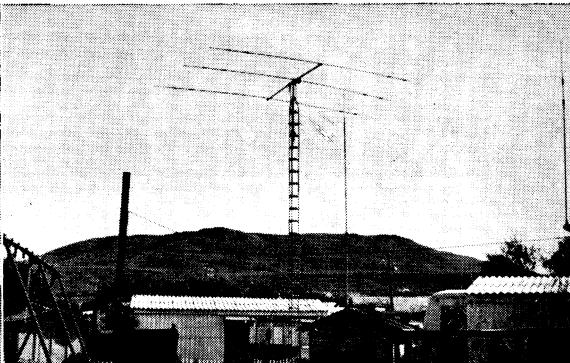
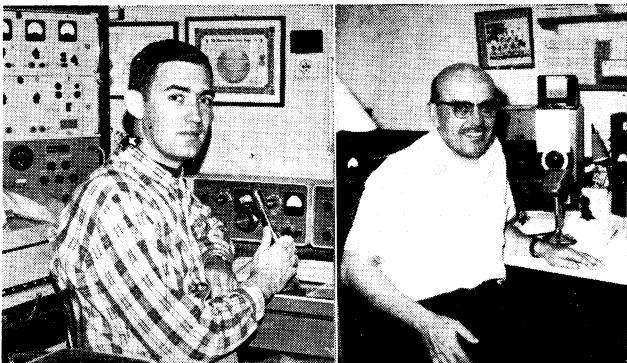
**Triumphs and Tragedies:** With ten meters completely dead between the East Coast and Europe the second c.w. weekend, W6s got an unexpected dividend: a fantastic opening to Eu between 1700-1900Z on Sunday. . . . "I am very sorry that I was just one QSO short of one million points!" —*5H3KJ*. . . . "20M s.s.b. netted 102 countries in the first 24 hours." —*W3ZKH/3*. . . . "Why do the G/VK/ZL boys wait till the contest to comment on my call?" —*WA9RAT*. . . . "Thought the world ended at W6 for a long time but eventually got through the W6 curtain." —*VK5FH*. . . . "Many CQs

were needed to entice the DX to tune above 21.1 MHz." —*WN1ION*. . . . "Sure needed VO for my broom! (I drank some later.)" —*VR3DY*. . . . Then you could have had a call like *KH6GIZ/W6* to sign. . . . "Yahoo! The one-million goal is reached!" —*UA3KBO*. . . . "I operated from an apartment house which I own and had lots of interference from my tenants paying rent, etc." —*WØACT*. What a nuisance—all those people shoving all that money at you. . . . "We probably had the youngest operator. Our logger, *WN0TSI*, is only ten years old." —*WAØEMS*, opr. at *KØBXI*. Don't the child-labor laws cover this sort of thing? . . . "A 10-minute ragchew with *PX1PA* was required to get his power." —*WØBGX*. . . . "I am receiving many QSL cards from the contest QSOs and they are leaving off the 'G' in *HPIXHG*, so they automatically go into the circular file." —*HPIXHG*. . . . Much confusion during the second weekends as Stateside entrants with their new twenty-buck two-letter calls had to struggle to avoid duplicate QSOs with DX stations they'd worked the previous weekend under the old calls. . . . "Noticed activity to be down considerably from last year." —*W3TMZ*. . . . "Once again another vy FB contest bites the dust. Several of our ops also bit quite a lot of dust, fighting with the antennas in an 80-m.p.h. wind during the second leg." —*G3SXZ*, opr. at *GGVC*. . . . "Two weekends in contest and two weekends making a clear log." —*XE2AAG*. . . . "My low power, low antenna and low operating skill didn't hinder me at all—I still did terrible." —*WA7JCB*. . . . "It's necessary to be a Hercules to do the contest, hi." —*CT1MW*. Or a *PZ1AH*—check out Andre's last name in the *Callbook*. . . . "So vy tired." —*JA1CG*. . . . "Sure is tough trying to work into W/VE with an American accent, low power and poorly-placed antennas. To make it worse, many W/VE stations thought FØ was a pirate call." —*FØDA*. . . . "Four out of seven straight weekends is just too much to ask the XYL to tolerate! The first weekend she was very pleasant, the second weekend she made facetious remarks about my steadfastness to get a good score, by the third weekend the flavor of her comments was sarcastic; when the fourth weekend arrived, her sarcastic attitude changed to downright vicious anger!" —*K4WUM*. . . . "Had to QRT during an 80-contact-an-hour session on 10 meters the first weekend when the next-door neighbor banged on the door, pushed past my pregnant wife almost knocking her down, stomped into the radio shack, tore the earphones off my head and flung them on the floor, announced I was interfering with *Dakarti* on his TV, and stomped out before I had a chance to get out of my chair. The XYL got hysterical and would not let me continue despite the fact that our own TV in the next room was not affected in the slightest!" —*LAØAD*.

**California:** "First in war, first in peace, and last in Santa Clara Valley?" —*WA6QQI*. Nope, Doug, . . . even close to last, but it was a good line anyway. . . .

**Knocking them off faster than a speeding bullet—a 75-watt Ranger signal more powerful than a locomotive—able to leap huge pileups in a single bound—it was **PZ1AH** gathering in more than 2 million points via the code route. Andre knocked off 6-band exchanges with **WA3EPT**, **W3MFV**, **W3TMZ** and **W4BVV**.**





A couple of SVs who have been around: **SVØWL** (ex-DL5CL, currently W3CJK) and **SVØWP** (formerly W2EYQ, KH6HAA, K4HAA, now W6CMH), both hotly pursued by eager W/VEs in the Test. Some of the Cretan Mediterranean at SVØWL is visible at right. SVØWP thought the contest was terrific except for marginal 10-meter conditions.



Shown here holding a microphone, **VO1HH** keyed his way to nearly 300 thou in the c.w. portion of the Test. Max advocates one weekend per mode, says it would increase the number of DXpeditions.



From the mysterious Orient, operators James (pictured here) and Tim of **BV2A** inscrutably doled out a 20-meter Taiwan multiplier to 53 panting W/VE combatants and softly, enigmatically padded away . . .

"Durocher was right: nice guys never win," says W6-KJS, who won . . . Some of the NCDXC boys still resent the fact that use of a spotting-net puts the user in the multioperator category. Come on, fellas: what's the difference between having a friend feeding you multiplier information over the air and feeding you multiplier information from a second receiver right in your shack? . . . There's QRM and there's QRM, 'twould seem. San Francisco's KBKQN found his hearing hindered by firecrackers going off in the street during Chinese New Year.

**Barbed Wireless:** Candidates are now being considered for the Contest Branch's "Schlump-of-the-Month Club." To be nominated for this award, you must have committed one or more of the following atrocities in connection with your DX Test log: (1) Pounded no less than 38 staples into the log, stickling them in randomly so that we would have the maximum amount of trouble removing them and reassembling the log after inspecting it. Bonus points awarded if you inserted at least one staple in such a way that it severely gouged a thumb or other digital extremity of the log-checker. (2) Entered your section as N.Y., Cal., Fla., Tex., if you happened to live in one of those states. This enabled us to spend many happy hours looking you up in the Section Finder so that we could list your score under the proper section heading. (3) Sent us a card or radiogram—preferably at the very last minute before the start of the contest—asking for "some" (sic) log-sheets (being careful not in any way to indicate how many sheets you wanted or how many QSOs you expected to make)—then (and this is important) scrawling a sarcastic note on your log something like this: "Thanks a lot for the three log-sheets—they were only 25 less than I needed!" This gives us a warm feeling, because obviously you credit us with extrasensory perception; we should have known how many you were going to use. . . . Okay, now we feel better. Guess what we're trying to say is this: (1) Go easy on the staples—one or two is perfectly adequate. (2) Put your section, not your state, on the log-sheets. (3) Don't wait till the last minute to request log-sheets—and please specify how many you want. It's 100 two-ways per sheet (50 to a side).

**Stuff Left Over:** In the Who-Was-Who Dep't., you might have run across such ex-DX as W4SYL (ex-KP4AOO), VE7YB (ex-DL2DM), W4SKW (ex-KZ5-GN), WA6BOU (ex-VP5AR/VQ9AR), W9EXE (ex-VR5AR), and W6CYZ (ex-KP4UB). . . . Another ex is Fred, formerly HI8XAL, who, as HS3AL, is now QRL trying to unThai that knotty ITU ban. . . . "Everyone wanted to know why the four letters: in Mexico, 'P' is used for portable."—W6KGJ, opr. at XE2-PTBC. . . . What better way to end things than with this little note from OT W4NO: "I wonder how many contestants remember the first ARRL DX Contest—little 'canned' messages, etc.? Like the world itself, this contest was more hectic than the first—but, like the world, still a lot of fun."

## Thirty-Fourth ARRL

### International DX Competition

W/VE scores are listed by ARRL division and section; DX scores are listed by continent and country-prefix. Multioperator scores follow single-operator scores within each section- or country-grouping.

**Awards:** The operator of the first-listed *single-operator* station in each section or country is the winner for that area and receives a certificate award. In a section or country from which at least three valid *multioperator* entries were received, the top-scoring station in that category receives a certificate award. (Awards are scheduled for October 15 mailing.) The top-scoring *single-operator* DX entrant for each *continent*, each mode, receives an engraved plaque. *Affiliated-club* awards are shown elsewhere in this article.

**Scores:** In the listing to follow, read (from left to right): *call* of entrant, *final score*, *multiplier* (total countries per band for W/VE; total states and Canadian call-areas per band for DX), *contacts*, approximate d.c. *power input* (A represents power up to and including 150 watts; B, over 150 and up to and including 500; C, over 500), total *time of operation* (to the nearest hour). Example: W3DRD 166,668-172-323- C-38 indicates final score 166,668, multiplier 172, contacts 323, power over 500 watts, operating time 38 hours.

A single asterisk following the call of a multioperator entry denotes the use of a spotting-net. A double asterisk denotes an ARRL Hq. staff member, ineligible for an award.

### C. W. SCORES

#### ATLANTIC DIVISION

		Maryland-D. C.
Delaware	W3MVB	1,254,176-352-1189- C-79
W3DRD	166,668-172-323- C-38	649,740-238-910-AC-76
W3TGF	70,092- 99-236- C-28	536,549-277-647-AC-
W3IYE (W3s IYE TGF)	660,528-278-792- C-70	W3MFJ 416,658-214-660- C-62

#### Eastern Pennsylvania

W3WJD	1,526,220-366-1391- C-81	W3AXW 295,431-216-463-AC-69
W3GMM	1,350,734-343-1319- C-80	W3HQU 269,325-189-475- B-50
W3MFW	1,047,812-323-1082-AC-78	W3AYD 199,698-166-401- C-36
W3NOH	757,557-281-899- C-44	W3GTX 188,309-187-336- A-
W3MWC	726,726-286-847- C-64	W3AFM 136,875-125-365- C-40
W3WPQ	715,626-249-958- C-	W1QMM/3 104,139-133-261- B-50
W3HHK	671,370-278-805- C-40	W3AKD 80,649-103-261- A-40
K3HTZ	586,332-267-732- C-78	W3KA 66,048-86-256- C-31
W3BIP	342,540-220-519- C-51	W3RNY 54,684-98-186- C-17
WB2MZJ/3	301,938-182-553- B-64	W3HVM 48,600-95-160- C-40

W3DBX	299,637-197-507- C-71	W3CSZ 39,150-87-170- B-18
W3GHM	242,004-172-469- C-38	W3AEL 26,649-63-141- C-14
K3AIG	227,010-161-470- C-40	W3EPR 25,650-75-114- C-21
W3GRS	221,880-215-344- C-20	W3GZM 14,268-58-82- A-
W3ISE	213,921-171-417- B-40	W3CRE 12,750-50-85- B-15
W3CGS	204,435-177-385- C-38	W3LMZ 12,744-54-79- A-20
K3EUR	195,888-154-424- A-65	W3FX 4386-34-48- C-14
W3KV	180,960-145-416- A-40	W3ADY 2574-26-33- A- 5

W3EVW	175,794-166-353- C-	W3TYM (10 oprs.)
W3ALB	162,855-165-329- C-26	4,716,630-486-3235-AC-96
W3KDF	160,272-159-336- C-40	WA3EPT (11 oprs.)
K3BNS	154,800-129-404- C-50	1,376,690-355-1295-ABC-96
W3QOR	152,760-134-308- A-28	K3JYZ (K3JYZ, WA3HTQ)
W3BYX	130,824-138-316- C-	625,300-260-802- C-93
W3EQA	121,992-138-299- C-23	W3FA/3 (W3s FA GRF)
W3EOP	112,860-132-285- C-33	500,422-247-676- C-40

W3INH	95,040-120-264- C-15	WA3GLP/3 (WA3s GDB GLP)
W3CAA	82,497-107-257- C-20	8160- 40- 68- B-30
W3PN	78,207-131-199- C-	K2QIL 451,329-211-713- C-65
W3QLW	39,096- 72-181- B-20	W2GGT 446,880-224-665- C-80
W3JET	39,060- 84-155- A-41	W2HDW 250,056-151-552- A-37
WA3FFR	34,811- 83-139- A-37	K2CPR 204,561-191-357- B-
W3EAN	34,380- 60-191- C-14	W2FYS/2 185,265-179-345- A-55
K3MNT	23,436- 63-124- C-17	W2AIZS 184,800-176-350- B-
W3EER	22,311- 67-111- A-	WB2EUU 109,620-126-290- B-26
W3GHD	16,920- 60- 94- C-	W2BQF 91,872-132-232- C-20
K3RFB	14,994- 51- 98- B-28	W2QDY 63,891- 93-229- B-
WA3GUL	9348- 41- 76- A-16	W2DCA 51,510-101-170- C-12
W3CBF	8109- 51- 53- B- 9	W2SDB 34,080- 71-160- C-22
K3NPC	3567- 29- 41- A- 8	W2BGB 32,631- 73-149- B-30
W3NCW	3534- 31- 38- A- 8	W2DT 29,475- 75-131- C-30
W3IPS	840- 15- 20- A- 4	WA2BZV 23,064- 62-124- B-20

K3JH (K3s JH JLI)	1,072,904-322-1112- C-82	W2QKJ 12,696- 46- 92- C-28
W3ECR (4 oprs.)	810,492-274-986-AC-62	W2FHY 11,007- 53- 73- B-37
W3GHS (3 oprs.)	652,383-262-830- C-81	W2EBW 11,340- 42- 90- B-22
W3KT (K3MCO, W3KT)	595,920-200-764- C-	W2SDO (W2SDB, opr.) 11,070- 41- 90- C- 7
	595,920-200-764- C-	WB2NBL 10,140- 52- 65- A-

1969 ARRL DX COMPETITION							
Phone: February 1-2, March 1-2							
C.W.: February 15-16, March 15-16							

WB2BYF	3906- 31- 42- B- 7	W9GFF 113,399-143-265-AC-32
WB2UVB	3483- 27- 43- A- 5	W9KMN 112,812-119-316- C-27
W2DAJ	2376- 18- 44- B- 2	W9YVM 105,270-121-290- B-42
K2OE	2160- 24- 30- A- 2	W9UX 70,560-112-210- B-
W2HAZ	264- 8- 11- A- 2	WA9RAT 47,250- 90-175- B-40
K2VU	240- 8- 10- B-14	W9WYB 34,164- 78-146- C-
K2IEO	168- 7- 8- A- 2	WA9TFM 31,740- 92-115- B-25
WA2BLW (WA2BLV, WB2s APG)	MOQQ)	WA9HJM 28,542- 71-134- A-29
K9UCR	24,453- 57-143- C-	WB2BLV (WB2BLV, WB2s APG) MOQQ)
1,535,100-350-1462- C-80	W9QWM 23,391- 69-113- A-49	WB2TEN (WB2s TEN VHU) 19,110- 65- 98- C-23
WB2TEN (WB2s TEN VHU)	WB9EKJ 19,110- 65- 98- C-23	326,304-206-528- C-80
WB2PAU (W2s ESX PAU)	W9MDK 7938- 49- 54- A-22	W2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9VBV 7548- 37- 68- B- 7	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9EVX 5499- 37- 47- A-10	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	WA9RFF 4410- 30- 49- A- 9	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9UQN 2079- 21- 33- B- 9	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9FIU 1500- 20- 25- C- 7	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9TCU 810- 15- 18- A-	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9MNT 714- 14- 17- A-	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	K9YRA 270- 9- 10- B-12	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9EXE (K9YOE, W9EXE)* 923,788-314-982- C-92	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9AQW Indiana 1,091,232-324-1123- C-88	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9VZP 555,312-268-735- C-88	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9RQM 348,338-203-572- C-62	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W9IHN 289,836-194-498- C-	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	K7ADD/4 505,072-232-585- C-74	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	K3VX 76,050- 90-283- A-20	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W3AIXN 32,994- 78-141- A-12	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	K3PZU 30,186- 78-129- C-17	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W3AEW 54,028- 74-131- B-35	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W3AWR 16,616- 62- 90- A-48	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W3HKK (K3AHAT, opr.) 15,660- 60- 87- C- 4	WB2PAU (W2s ESX PAU) 300,490-199-506- C-58
WB2PAU (W2s ESX PAU)	W3VK 12,168- 52- 78- -	WA9NSR 20,370- 70- 97- A-24
WB2PAU (W2s ESX PAU)	W3EFH 6840- 38- 60- C- 6	W9WEN 17,280- 60- 96- B-24
WB2PAU (W2s ESX PAU)	K3KMO 4242- 32- 44- C- 7	W9CIA 11,550- 50- 77- B-
WB2PAU (W2s ESX PAU)	W3CTE 2871- 29- 13- B-12	W9LJR 9072- 42- 72- B-13
WB2PAU (W2s ESX PAU)	W3VKD (4 oprs.) 1,199,577-303-1321- C-68	W9YT (8 oprs.) 1,383,048-337-1368-AC-64
WB2PAU (W2s ESX PAU)	W9ODD (5 oprs.) 208,791-171-407- C-85	W9ODD (5 oprs.) 208,791-171-407- C-85

#### Southern New Jersey

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K9CNC	8400	40	70	C	9	W5MUG	52,221-103-169-	-	W8VPC	76,560-110-232-	C-30	W8AJW	106,335-139-255- A-
W9PAN	462	11	14	B	4	WA5YOU	1650- 22- 25-	B- 9	W8PBO	65,952- 96-229-	C-43	W8KMD	97,104-119-272- C-47
WA9CJU (7 oprs)						WA5SKI	630- 14- 15-	A- 2	K8CGD	61,800-103-200-BC-57	W8RSW	79,905-115-229- B-26	
W90AIH (K9s IJL ZXE, W9AIH)	208,258-197-506- C-83					Tennessee			W8RVD	47,151- 93-169-	C-25	W8CIA	66,834- 79-283- C-63
W90AIH (K9s IJL ZXE, W9AIH)	281,664-192-489- C-39						W8EZ			28,917- 63-153- C-33	W8YGR	64,125-125-171- B-17	
North Dakota						W4NBV	356,694-221-538-	C-60	W8DQL	22,440- 68-110- C-12	W8TYF	54,735- 89-205- C-16	
WA8OVW	20,100-	67-100-	A	9		W4ZWZ	14,127- 51- 93-	B-60	W8TJQ	17,298- 62- 93- A-25	W8ZGC	38,880- 90-144- C-	
WA8ELO	546	13	14	B	4	W4RKV	12,054- 49- 82-	C-11	W8HXZ	9450- 45- 70- B-25	W8SRQ	34,272- 84-136- B-24	
South Dakota						W4OGG	6264- 36- 58-	B-10	W8AUSU	7832- 44- 60- A-39	W8IPA	29,889- 81-123- C-48	
W8BLZ	107,448-121-296- C-					W4JXQ	28,350- 70-135-	C-22	W8EXP	6912- 48- 69- B-15	W8RCN	28,782- 82-117- A-30	
WA8CPX	16,382- 54-101- C-					WA4UAZ	12,087- 51- 79-	C-	W8AVT	4500- 30- 50- A-16	W8JAQ	27,027- 63-143- B-19	
Arkansas						W4ZXR	5904- 36- 55-	-	W8WFW	2025- 25- 27- A- 3	W8NHQ	17,490- 53-110- B-40	
WA5RTG	75,240-120-209- C-46					W4FIN	624- 13- 16-	C- 3	WA8OFW	1134- 18- 21- C- 4	W8GMX	14,544- 48-101- A-28	
K5TYW	24,090- 73-110- C-12					W4CVI	127,920-164-260-	A-50	WA8VRB	147- 7- 7- A-	W8ICF	13,920- 58- 80- B-27	
K5BLV	585- 13- 15- A-12					W4JBQ	28,350- 70-135-	C-22	WA8GGN	48- 4- 4- B- 2	W8PCS	13,629- 59- 77- B-10	
Louisiana						WA4UAZ	12,087- 51- 79-	C-	W8DOI (W8s DOI TQJ)	42,579- 83-171- C-27	K8CFH	28,782- 82-117- A-30	
Michigan						W4ZXR	5904- 36- 55-	-	W8VZU	42,579- 83-171- C-27	K8GVK	12,672- 48- 88- C-	
W5IOU	582,900-268-727- C-68					W8SH (K1ZND, opr.)			W8IBX	12,430- 55- 76- B- 4			
W5KC	331,785-219-505- C-60					W8QXQ	407,700-225-604- A-65		W8DW	11,457- 57- 67- B-18			
W5BUK	242,379-191-423- C-64					W8ZJM	531,202-266-667- C-58		W8AQZ	9546- 37- 86- B-24			
W5ERR	29,925- 75-133- C-31					W8ZCT	507,936-264-642- C-53		W8CSK	8442- 42- 67- A-28			
Mississippi						W8UDS	364,968-222-548-	-75	W8VNYB	421,590-230-611-AC-	W8ZFH	6372- 36- 59- A- 9	
K5RFJ	522,870-290-601- C-58					W8HZZ	240,534-166-483- C-51		W8ALV	141,984-144-329- C-	W8DZG	3384- 24- 47- B-12	
W5AO	82,698-154-179- C-38					W8SCU	99,750-125-266- C-44		W8NPF	117,786-134-293- C-54	W8AIGD	1914- 22- 29- B- 5	
						W8LHV	85,320-120-237- C-25		W8LHV	107,019-141-253-BC-40	W8BUM	1872- 24- 26- A-	

Minimum Number of Countries					Minimum Number of Countries					Minimum Number of Countries					Minimum Number of Countries								
30	50	80	70	40	30	50	80	70	40	30	50	80	70	40	30	50	80	70	40				
Band	80	40	20	15	10	Band	80	40	20	15	10	Band	80	40	20	15	10	Band	80	40	20	15	10
W1AX	45	66	98	83	58	W3EYF	53	83	50	W4ALCO	30				W6WX*			76	43				
W1AXA						W3FA/3*				W4LCP	65	86	68		W7AYY				42				
W1BIH	31	56	90	79	62	W3GHS*	34	51	49	W4LVV	50				W7EKE	50	86	71					
WA1BLC						W3GM	39	67	98	W4LW	62	43			W7SFA*	66	91		45				
W1CW						W3GN				W4OMW	50				W8AJW								
K1DIR	49	63	98	81	59	W3GRS				W4UWQ	46				W8BQH*	53	103						
W1DIR	30					WA3GTX				K4YFQ					W8BVF			100					
WA1DJG						W3HHK	50	80	58	K4ZA/4*	40	61	100	80	53	K8CFH				43			
W1ECH	31					K3HTZ	34	50	48	W4ZXI*	44	65	113	88	71	W8DUS				45			
W1EHT						W3IYE*	60			K2EIJU/5	35	50	41		W8EEZ	63							
WA1FHU	33					K3JH*	66	92	74	W5AO	71				K8EHU								
W1SWX	63					K3JYZ*	56			W5BRR					K8HZU			74					
W1TS						W3KDF				W5BUK					W8JAQ				50				
K1YKT	39	63	70	50		K3KMO	32			W5DWT					WA8LYF				44				
W1BGD/2	47	56	88	80	58	W3KT*	58			W5EQT	55	82	61		WA8MCR*	82	75	41					
K2A9H*	30					W3MFJ				W5IOU	53	86	49		W8NPF				40				
WA2BEX*						W3MFW	48	61	74	W5JAW	50	98	83	60	W8QXQ				41				
WA2BLV*	53	68	95	73	61	K3MNT	39			W5ODS	80				W8SH	39	69	100	73	45			
WB2CKS	38	59	83	75	46	W3MVB	47			W5WT	86				W8UC1				85	67			
K2DCA						W3MWC	42			W5EQT	55	82	61		W8ZCQ				88				
K2DJD						W3NOH	36			W5IOU	53	86	49		W8ZCT	30			50				
W2DKM						W3QL				W5JAW	50	98	83	60	W8ZJM	33	68	101	78	44			
W2FR	39	61				W3TMZ*	59	91	105	W5ODS	88				W9AQW				70				
W2FXA						W3VKD*	61	85	74	W5WT	86				W9BZW								
W2FYS/2	52					W3WJD	45	74	101	W5EQT	84	84	59		K9CUY								
W2GGE	50	88				W3WPG	33	50	94	W5WZQ	64	86	62		K9DWK								
W2GGT						48				W6ANN*	52	96	70	50	W9EXE*	62	95	84	53				
W2GKZ						K7ADD/3	43			K6DXM*	86	76	45		W9GIL				82	52			
W2HO						K4BAI	33	64	93	W6ERS	44				W9IHN								
K2KNV	31	106	77	41		W4BRB				K6ERT	81				W9QQN				71				
W2LXK	67					W4BVV*	62	79	127	W6FSJ	88				W9SCZ				42				
W2PAU*						W4BYB				W6GBI	40				W9V2P				75				
W2PCJ	34	53	91	43		44				W6GQK*	83	71	47		W9YT*	60	99	96	52				
K2QIL						43				W6HOC	84				W9BX				43				
W2QKJ						46				W6HVN	90				W9CQC				44				
W2SSC						119				W6ISQ	74				WA9CVS				41				
W2SUC						84				W6ITY					K9LXD				42				
WB2TEN*						48				WA6IVN*	77	47			W9TD				70				
W2VJN	50	79	95	88	73	K4EZ	31			W6LCX	42				VE2BV				42				
W9WNV/2	51	75	104	93	73	W4GRG				W6NFA	44				VE2NV				80				
W3AFM						125				W6HVN	44				VE2WA				86				
W3BQN						46				W6RGG*	70				VE2YU				87				
W3ECR*	54					WA4IKU	30	89	79	W6RW*	40	86	115	85	VO1AW				44				
W3EOP	60	72				W4JK	36	54		W6TZD	41				W6WB								
WA3EPT*	41	69	108	77	55	W4KFC	36	63	97	W6WB	41				* Multioperator Station								

## **HUDSON DIVISION**

### *Eastern New York*

<b>W9WNV/2</b>	75,300-145-180- C-13	<b>K9LXD</b>	131,652-138-318- C-
1,833,352-404-1512-AC-93	68,730-145-158- C-51	<b>W9WLO</b>	9954- 42- 80- A-
<b>W1BGD/2</b>	WA2KSD 57,706- 86-224- C-28		
1,022,532-329-1036- C-	WB2AEE 29,016- 78-124- B-12		
W2HO	K2MFY 28,350- 75-126- A-20	<b>WB2GTF</b> (WA2IRS, WB2JXE MIC)	212,433-169-419- B-43
572,136-248-769- C-65	WB2AFM 20,340- 60-113-AB-34	WB2NZU (WB2s NZU QZZ)	
W2KFB	K2LTC 13,260- 52- 85- B-	WB2AMV (WB2s AMV WID)	62,160-112-185- A-15
80,145-117-229- C	WB2AWF 12,960- 48- 90- B-35		22,770- 66-115- A-16
W2BYPM	WB2YPM 7080- 40- 59- B-18		
26,499- 73-121- A-26	WB2MYK 3480- 29- 40- B-11		
WB2CSY	WB2WBD 2112- 22- 32- B- 6		
21,417- 59-121- A-21	WB2CKR 2112- 22- 32- A- 5		
WB2ZPW	WB2YKU 2070- 23- 30- A- 9		
5568- 32- 58- A-21	WB2JB 540- 12- 15- A- 8		
W2IP	WB2WXR 360,904-229-528- C-63		
300- 10- 10- A-			
<b>K2AHQ</b> (6 oprs.)			
494,013-239-689-BC-91			

## **NEW ENGLAND DIVISION**

## *Connecticut*

W1BIH	1,006,470-318-1056-	C-68
WA1DJG	483,230-253-638-	B-64
W1TS**	437,400-225-648-	B-60
W1ECH	295,035-221-445-AB-23	
W1CW**	236,601-127-621-	C-70
K1JHX	228,084-166-458-	B-35
W1TX	208,464-173-404-BC	

## **MIDWEST DIVISION**

Iowa

0BX 360.904-229-528- C-63 W1TX KIJHX 228,084-166-458- B-  
208,464-172-404 BC

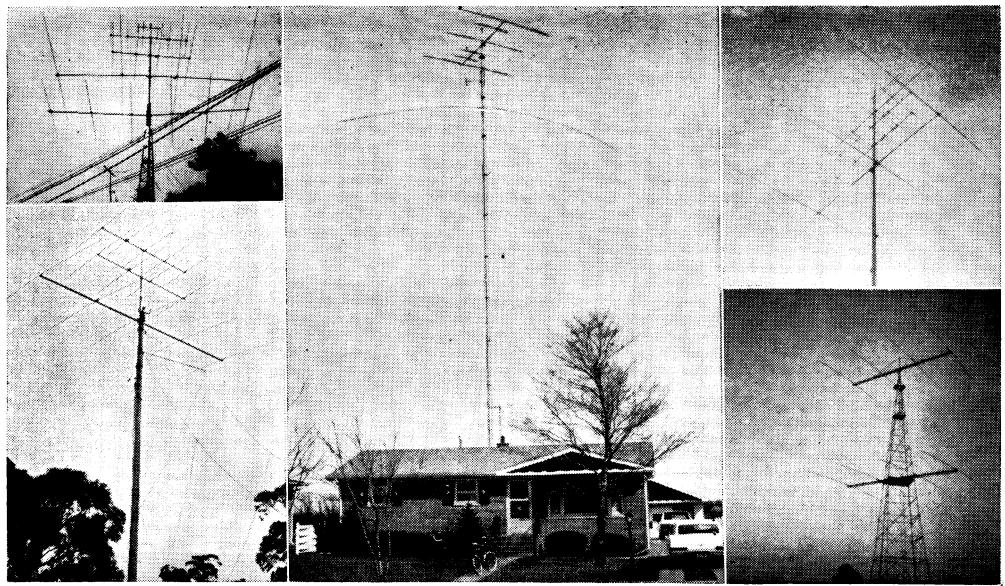
Minimum Number of Countries						Minimum Number of Countries						Minimum Number of Countries						Minimum Number of Countries						
15	30	80	70	60	15	30	80	70	60	15	30	80	70	60	15	30	80	70	60	15	30	80	70	60
Band	75	40	20	15	10	Band	75	40	20	15	10	Band	75	40	20	15	10	Band	75	40	20	15	10	
K1AJQ					71	K3PSW				75	W5TMZ						Band	75	40	20	15	10		
W1AX	15	30	92	82	85	K3QDV				83	W5ULN						W9DUB					77		
WIBIH					90	W3WJD	18	52	96	98	86	W6CCP*				35	76	W9EWC	22	48	70	79		
W1CW			101			W3ZKH/3*	46	82	142	126	108	K6DXM*					76	W9EXE*	34	93	87	98		
K1DIR	26	44	96	96	81	K1CAU/4						WA6EKL					82	W9GIL				71	65	
W1DIT	20					K4BAI	20			77	91	K6EVR*					113	W9JQD					80	
WA1DJG					81	W4BYB				64	W6ISQ						W9LKL							
W1FJJ	15					K4CG*	23	43	101	89	84	WA6IVN*					66	W9QLD						
WA1IHN					69	WB4DJQ					75	WB6KRW						W9QN						
K1IKN			75			WB4DJT					86	/6						W9RQM						
W1OKG	30	89	83	79		W4DQD					83	K6OHJ*	15	35	87	78	69	K9TZH	31	85	85	77		
W1ORV					73	K4EZ				80	66	W6QJW					90	W9YVT	33	89	89	71		
W1UOP			81			W4EZ					70	K6QVT						W9ZRX	89	85	78			
K1VTM		71	61			WA4HTR*	29	46	101	93	91	W6RR					79	W9ECV/0					95	
W1YRC			63			W4KFC				85	70	W6SIA					83	W0ASU*					80	
W2BHK	32					WA4KQO					67	K6SVL					60	W0BAA*					68	
WA2CFD	81	70	60			W4KXY*					68	W6UED*					77	WABCJU*	34				68	
WB2CKS*	15	82	77			WB4PXP					80	W6UED*					112	WA0CPX					67	
W2CME		80	70			W4QBK	21	39	104	94	88	WA6U						K9CVA					81	
W2CP		75	71			W4SYL				81	77	W8ECA						WA0GCP					71	
WA2CYQ		79				WA4UXU	20			82	80	W8EZ					79	W9ICH*					63	
K2DJD		70				K4WUY					60	K8GVK					71	W9IEM					68	
W2DKM		68				WA2IFS					68	W8GXR					65	WA0IRP					62	
WB2FON	17					W4YFQ				90	88	W8HYV					65	WA9KDI					66	
W2FZJ	21	31	71	61		W4YFW					76	W8JAQ					72	W0LBB					70	
K2GXI		82				W4ZNI					68	W8LXU					76	W9LBS					79	
W2HXF			84			K2EIU/5	30				86	WA8MCR					66	W0LOL*	40				85	
WA2IFS			79			W5AC					61	W8NG*					72	WA9NOJ*					76	
W2JSX	97	83	85			W5AJY					71	W8OKF					71	W0SEA					71	
K2PZF	30					K5BOC					66	W8SH					74	W9TYK*					64	
K2QIL			65			W5DWT					61	W8TWA/8					74	W9UKN					62	
WB2SQN		78				W5EQT					61	W8WXR					71	W9YUQ					77	
WA2UWA	23					W5FJW					61	W8XQW					61	VE2BV					65	
WB2ZMK		72				W5GKJ					61	W8YGR					63	VE2DCW/					65	
K3BNS*			74			W5KOC					61	W9A9QW					61	2*					68	
W3BQN		82	80			W5LDT					66	W9ARV					61	VE2NV					94	
W3FYS		72				W5MAB					61	W9BGMX*					61	VE2WA					89	
W3GHS*			71			W5NKA					61	W9BYU					61	VE2WY					85	
WA3GJU			64			W5PKC					67	W9CJU					62	VE2WY*					72	
W3GM	16	30	81	78		W5KTR				91	76	W9DFT					62	VE3BHS					64	
K3JH		32	82	75		W5LDH					76	W9EBC					62	VE3FHO*					91	
W3KDD			94			WA5LOB					72	W9FJW					66	VE7NW					90	
W3KTT*	31	81	80	80		WA5LUM					72	W9GJW					66	VE7YB					87	
W3MWC			70			W5NMA					67	W9HZZ					66	VE7YB					87	
W3OJW			81			W5TKB					74	W9KUY					66	VE7YB					87	
						W5TKS					85	K9DTZ					60	* Mult operator Station						

0 \* Mult-operator Station

K1DIR	186,045-157-395	C-48	Maine	W6FLT	22,356- 54-138-BC-30	W6VVR	9600- 40- 80- C-20	
K1GUD	151,059-129-391	C-30	K8GHE/1	9102- 37- 82- B-16	K6BXI	3045- 21- 49- C-12	K6TZX	7548- 37- 68- A- 7
K1PN5	115,558-128-301-BC-70				W6EJA	1998- 18- 37- C- 8	W6BKRW/6	6534- 33- 66-BC-10
			<i>New Hampshire</i>		WA6IVN*	514,848-248-711- C-61	W6PLS	5568- 32- 58- C- 6
K1THQY	96,768-126-256- C-40				W6RGG (K6s ALH EBB, WERGG)*		KH6GJZ/6	
K1THQ	80,253-111-241- A-25		W1DXB	215,712-168-428- A-57	W6LDD	184,599-159-387- C- WA6UFW (K6AUC, WA6UFW)	2964- 26- 38- B-14	
K1HTV	77,469-119-217- A-		W1FZ	36,168- 88-137- C-	63,840- 95-224- C-23	W6KNM	1344- 16- 28- A-2	
K9CVO/1	75,684-119-212- A-40		W1SWX	27,783- 63-147- B-		K6DMX (W6CUF opr.)*		
K1UDD	72,885-113-215- B-2					W6WX*	788,580-260-1011- C-61	
WC1NU	72,261-111-217- B-18		<i>Rhode Island</i>		WA7GES	74,493- 93-267- A-35	W6GQK (K6ZOL, W6s GQK SR)	
WA1FJU	54,570- 85-214- B-20		WA1BLC	62,415- 95-221- A-	W7CRT	60,900-105-193- C-36	566,784-246-238- C-76	
WA1HWN	39,600- 99-134- B-13		W1AWE	30,015- 69-145- A-	W7TVF	16,335- 55-99- B-18	K6CQF (K6CQF, VE3DXV)	
WL1VQ**	33,210- 82-135- B-		W1GOG	4410- 35- 42- B- 4	W7VIU	6327- 37- 57- A-10	330,770-194-517- C-64	
WA1CJE	30,480- 89-127- A-10					W6JKJ*	158,519-147-359- C-10	
WB1DI	26,532- 67-133-BC-15		<i>Vermont</i>			WB6KIG*	43,065- 87-165- C-10	
W1ICP**	22,275- 55-135- C-15					W0DAD/*	14,418- 54- 89- C-	
W1YYMM**	19,494- 54-114- C- 5		W1ETV	145,580-145-337- A-56				
W4NQA/1**			W1AYK	47,310- 83-190-BC-15	<i>Sacramento Valley</i>			
			W1AHXU	26,520- 63-148- B-	W6EOU	220,941-147-501- C-65		
			W1PEG	21,780- 55-132- B-40	W6NKR	199,227-179-371- C-61		
			<i>Western Massachusetts</i>		W6BLB	19,008- 66- 96-BC-54		
W1FTX	18,600- 62-100- A-		W1EZD	345,462-206-559- C-36	WA6JDT	18,468- 54-114- A-23		
WA1IGF	16,932- 68- 83- A- 8		W1AIBW	21,306- 67-106- A-12	K6TWE	9072- 36- 34- B-20		
W1OPI	13,671- 49- 93- B-18		W1YK (K1TKS, WA1ABW)	1122- 17- 22- A- 2		<i>San Francisco</i>		
W1IKE**	9933- 43- 77- C-				W6ERS	415,864-229-606-AC-80	W4OMW	204,756-151-452- C-42
W1AIE	8100- 15- 24- A-26				W6WBL	305,520-199-536- C-	WA4UXU	74,592- 96-259- B-56
W1EEN**	6327- 37- 57- B-				W6BIP	136,458-126-361- C-22	K4ADT	10,350- 46- 75- B-
K1TFA	3105- 23- 45- A- 5				WA6DJI	26,970- 62-145- B-36	W4VON	3120- 30- 36- C-10
WA1CQW	2277- 23- 33- A-13				WB6UGA	284- 4- 22- A- 7	W4OVQ	3042- 26- 39- B- 5
K1TKS	798- 14- 19- B- 4		<i>NORTHWESTERN DIVISION</i>		<i>South Carolina</i>			
W1WCG	612- 12- 17- A- 2		W7DV	141,480-120-393- C-61	WA4IKU	683,571-301-757- C-38		
WA1IUL	561- 11- 17- B- 7		W7IUO	13,455- 45-100- A-70	WB4CPE	91,461-129-237- B-26		
W1CYT	363- 11- 11- A- 2		<i>Idaho</i>		<i>Virginia</i>			
K1CEC	216- 8- 9- C- 1				WA6BOU	310,752-208-498- C-48	W4UKC	
WA1JCX	12- 2- 2- A- 6				K6TRK	195,300-150-434- C-53	735,342-242-517- C-57	
WIEJL (W1s ARR EJL)	27,324- 69-132- B-				W6KTW	34,632- 74-156- C-22	W4DM	333,732-203-548- C-
<i>Eastern Massachusetts</i>			K7CTI	46,158- 98-157-AB-19	K6OZL	12,780- 60- 71- B-21	W4GF	303,873-199-509- C-37
K1DIR	1,477,350-350-1407- C-80		K7QCO	41,280- 82-180- B-60	W6MMH	2205- 15- 49- B-11	W4CRW	285,600-200-476- A-84
W1AX	1,396,850-350-1331- C-68		K7ABV	39,312- 78-168- C-20	<i>San Joaquin Valley</i>		W4NH	245,490-167-490- C-33
K1YKT	478,263-237-675-AB-52		<i>Oregon</i>		WA6HOU (WA6VAT opr.)	420,204-194-723- C-50	W4EZ	239,144-179-146- C-33
W1AXA	440,142-218-673-BC-54				W6CYX	415,383-230-602- C-51	W4ZSH	223,689-173-431- C-50
WA1FHU	406,875-217-625- C-52				K6WKB	353,349-195-604- C-75	W4ZM	211,650-166-425- C-27
W1FJJ	182,160-176-345- C-19				W7IEU	327,183-191-571- C-	W4HM	205,440-160-429- B-33
W1NIY	158,04-154-342- C-34				WA7BDF	232,752-208-373- C-30	W4WBC	144,060-140-343- C-29
W1IMO	108,069-163-221-AB-25				K7INE	177,498-132-418- C-46	W4TKN	120,324-41-287-1- A-56
W1BQL	90,768-122-248-BC-32				W6EJ	17,498-132-418- C-46	W4CQI	96,558-121-266- B-20
W1EHT	76,608-133-192- B-28				W6ZQ	171,787-161-356- C-40	W4NO	43,134- 91- 158- C-12
W1DAL	40,495-91-150- A-150				W6ATO	115,116-106-362- C-58	K4RQZ	27,720- 70-132- C-10
K4LAY/1	38,988-101-129- A-48				W6CBE	67,032- 76-294- C-31	W4KUM	22,464- 72-104- B-
W1ESN	20,160- 63-112- C-20				K6EBB	58,080-110-176- C-21	W4VC	17,784- 57-105- B-19
W1PLJ	3321- 27- 41- B-12				K6COD	53,328- 88-202- A-38	W4KMS	16,128- 64- 84- B-20
W1EQY	1425- 19- 25- A-15				K6ERT	48,610- 81-200- C-49	W4NM	12,936- 49- 88- A-16
W1BB	630- 10- 21- A-1				W6VG	28,884- 58-166- C-20	W4SYL	3978- 34- 39- C-
W1NIION	304- 8- 16- A- 5				WA6QQI	17,385- 61- 95- B-	W4NXE	585- 13- 15- B- 3
W1WMH	6- 1- 2- A- 1				W6YLL	17,160- 60- 96-BC-22	W4BVV (7 oprs.)	
W1MXJ	(WAs 2KZV 4TTC)		W6KJS	328,005-185-591-BC-50	W6CLM	10,260- 89- 30- C-35		4,173,162-469-2970-AC-96
SENJO	329,088-102-574- C-		WB6TOJ	(WB6HDH opr.)				

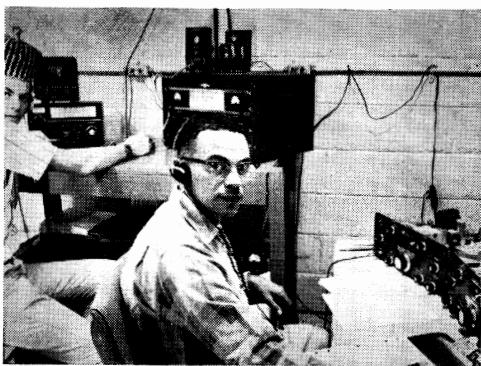
Let's peruse Peru's one-two punch in the A3 set-to. At left is Eduardo, **OA4JR**, who logged 2356 two-ways and was particularly pleased by the number of QSOs on 40. On the right we spy **OA6BU** (Edward is a Jesuit missionary, back home signs W9IBT), who got into the Test to work "one or two of the boys" and wound up working 1660 of them.





These browny aerial arrangements are likely to make you even more dissatisfied with your feeble dipoles. Upper left, the fine homebrew lashup of **JA1NDO**: the 45' tower (not counting mast extension) supports 6L for 15 at 49', 4L for 20 at 50', 4L for 10 at 65', 6L for 6 at 68', 5L for 2 at 71'. Lower left, using a 100-foot ungued mast as superstructure, **VK2FU** has a 40-meter two-element fixed quad at 55', 75-meter dipole at 75', 20-meter 5L at 81', 15-meter 4L at 92', 10-meter 5L at 100'. A super structure indeed! Upper right, the Big Bertha at **K3JH** manufactures some authoritative signals. What it is, exactly, is 3L on 40 at 77', 6L on 10 at 86', 5L on 15 at 96', 5L on 20 at 104', 15L on 2 at 109', 6L on 6 at 113'. K3JH has been known to be S9. Lower right, **W9DUB** himself tells it best: "All elements driven; top stack turns; bottom stack fixed on Europe; each stack has 8 elements, voltage-fed at center for 10 and 15 meters, and 4 elements for 20 meters current-fed; stacking spacing 36'; tower height 70', L-networks for matching each or both at base of tower." Center, right in the middle of suburbia grows this 120-foot tower at **W9EXE**, no doubt startling unwary visitors in the neighborhood. At the top is a TH6DX for 10-15-20; at the 100-foot point is a 1/2-wave 40-meter dipole fixed at 60/240 degrees; a 4-over-4 array for 2 meters roosts at 110'; and an 80-meter slanted vertical (erected for contests only) runs to the tree in front of the house. The black spot in the center is a plastic-bottle balun.

<b>K4ZA/4</b> (5 oprs.) 1,511,895-357-1413-AC-50	<b>SOUTHEASTERN DIVISION</b>			<b>WB6YCT</b> 2574-22-39- B-20	
<b>W4KXV</b> (7 oprs.) 1,415,232-336-1408-AC-48	<i>Alabama</i>			<b>W6HS</b> 1650-11-50- C- 4	
<b>K4CG</b> (K3WUW, WA4WJJ, W4TFX) 868,296-299-968- C-96	<b>W4GRG</b> 658,944-256-858- C-71	<b>K4OA</b>	199,950-155-430- C-50	<b>W6RW</b> (7 oprs.) 2,563,146-393-2174-AC-96	
<b>W8AZD</b> 100,068-124-269- B-33	<b>W4KVC</b> 213,120-185-384- C-65			<b>W6NJU</b> (W6NJU, WB6HGU) 268,752-176-509- C-	
<b>WA3HAN/8</b> 67,912-104-218-	<b>W4USM</b> 14,220- 60- 79- A- 9			<b>W6UU1</b> (4 oprs.) 235,620-165-476- C-	
<b>W4JK</b> (4 oprs.) 658,208-268-822- C-91	<b>SOUTHWESTERN DIVISION</b>			<i>Orange</i>	
<i>West Virginia</i>	<b>W4LCP</b> 963,072-304-1056- C-79	<b>W7EKE</b> 612,300-260-785- C-80		<b>WB6RTY</b> 579,510-235-822- C-84	
<b>W8BJ</b> 4662- 37- 42- A-20	<b>W4BRB</b> 695,156-259-002- A-85	<b>W7AYY</b> 326,550-175-622- C-60		<b>W6LCX</b> 252,252-156-539- C-62	
<b>WA8TYF/8</b> 429- 11- 13- A- 2	<b>W4FY</b> 227,430-190-399- C-53	<b>W7ATV</b> 218,370-174-419- C-53		<b>WA6TLL</b> 124,992-124-336- A-53	
<b>WA8VLM</b> 210- 7- 10- B- 5	<b>W4HOS</b> 226,995-185-409-AB-57	<b>K7TYP</b> 6572- 31- 71- A-27		<b>W6QFU</b> 65,165- 90-242- C-39	
<b>K8MYU</b> 54,999- 97-189- B-18	<b>K4YFQ</b> 225,624-158-476- C-30	<b>W7UUU</b> 918- 17- 18- A-14		<b>WA7FHHD/6</b>	53,172- 84-211- A-51
<b>W8BJ</b> 4662- 37- 42- A-20	<b>K4CL</b> 194,220-166-390- C-72	<b>K7HQN</b> 675- 15- 15- B- 4		<b>WB6RTY</b> 15,360- 40-128- C-16	
<b>WA8TYF/8</b> 429- 11- 13- A- 2	<b>W4LVV</b> 189,805-187-339- C-36	<i>Los Angeles</i>		<b>W6LHZ</b> 5508- 27- 68- B-22	
<b>WA8VLM</b> 210- 7- 10- B- 5	<b>W4CHA</b> 134,994-149-302- C-38	<b>K6NA</b> 678,249-221-1023- C-		<b>W6ANN</b> (4 oprs.) 1,068,210-286-1245-BC-92	
<b>ROCKY MOUNTAIN DIVISION</b>	<b>K4DSN</b> 93,366-126-247- B-22	<b>W6TZD</b> 539,136-216-832- C-59		<b>W6CCP</b> (W6s AOA CCP) 301,896-162-621- C-50	
<i>Colorado</i>	<b>W1AGP/4</b> 82,026-126-217- A-28	<b>K6EV</b> 408,000-160-850- C-		<b>WB6CWD</b> (WB6s CWD WEG) 258,570-169-510- C-	
<b>WA0CVS</b> 400,428-227-590- C-59	<b>WB4DJT</b> 49,875- 75-222- B-	<b>W6GEN</b> 311,298-169-614- A-90		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>WA0NBZ</b> 17,304- 56-103-AB-30	<b>W4RTX</b> 40,020- 92-145- B-18	<b>W6FSJ</b> 301,896-162-621- C-50		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>K9JJB</b> 1980- 20- 33- A-12	<b>W4ALCO</b> 39,015- 85-153-AC-39	<b>W6VNJ</b> 258,570-169-510- C-		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>New Mexico</b>	<b>WA4SDK</b> 35,721- 81-147- A-34	<b>W6AM</b> 256,224-157-544- C-61		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>W5ODJ</b> 260,370-165-526- C-96	<b>W4YBV</b> 34,320- 88-139- C-	<b>W6EJJ</b> 176,580-135-436- C-64		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>K5STL</b> 21,420- 84- 85- C-23	<b>K4ZD</b> 31,920- 80-133- C-27	<b>WB6SKJ</b> 118,080-123-320- C-51		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>K5MAT</b> 972- 18- 18- A- 6	<b>W4FFF</b> 20,130- 61-110- C-11	<b>WB6HDG</b> 97,308-102-318- C-56		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>W5QNQ</b> 12- 2- 2- A- 1	<b>W4ILE</b> 9030- 43- 70- C- 6	<b>W6BUD</b> 81,096-109-248- C-40		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>Utah</b>	<b>W4EEO</b> 15,552- 72- 72- B-30	<b>W6JKR</b> 80,250-107-250- B-39		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>W7NPU</b> 247,923-169-489- C-61	<b>W4ILE</b> 9030- 43- 70- C- 6	<b>W6APH</b> 66,126-103-214- C-56		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>K7RAJ</b> 61,740-105-196- C-19	<b>W4LEP</b> 198- 6- 11- B- 2	<b>K6YFZ</b> 55,890- 90-207- B-30		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<i>Wyoming</i>	<b>W4ZXI</b> (6 oprs.) 2,229,993-381-1951- C-96	<b>W6ONG</b> 50,880-108-163- C-23		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>K7AYF</b> (K6QPH, opr.)	<b>K4BAI</b> 1,156,872-344-1121-AC-90	<b>W6LDA</b> 13,536- 63-137- A-		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
<b>K4EZ</b> 24,975- 75-111- B-	<b>K4EZ</b> 437,644-268-547-BC-45	<b>W6LWX</b> 14,256- 48- 99- C-35		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
		<b>DL7JY/K6</b> 4935- 35- 47-BC-11		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
		<b>W6KHK</b> 4464- 31- 48- A-19		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
		<b>W6FW</b> 4050- 30- 45- C-12		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
		<b>W6RGE</b> 3750- 25- 50- -		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	
		<b>WB6DPV</b> 13,440- 40-112- A-21		<b>WB6OLR</b> (WB6s CZR LBP, WB6LFR) 118,080-123-320- C-51	



**ET3FMA**, wheeled around by K4FMA (left) and W6-HOH (right), took multioperator honors from the Dark Continent on c.w.; in fact, only LU8DQ had a higher score in that category from anywhere outside W/VE. Don, K4FMA, has returned to the States; Charlie, W6-HOH, now languishes in Ethiopia in SWL status.

### WEST GULF DIVISION

Northern Texas

W5DWT	656,820-267-821-	C-55
W5LGG	597,840-265-752-	C-56
W5OGS	579,510-282-685-	C-80
K5QMC	69,216-103-224-BC-65	
WA5RQA	65,076-116-187-	C-43
W5PQY	13,230- 42-105-	C-21
WA5QEZ	6732- 33- 68-	C-
W5QGZ	5250- 35- 50-	B- 5
W5MSG	240- 8- 10-AB-	5
W5EQT (W5-EQT OBS TKB)	796,073-281-945-	C-88

W5KFL (K5LZO, W5KFL,  
WA5LES)

697,788-284-819- C-90

### CANADIAN DIVISION

Maritime

VO1AW	342,633-181-631-	C-45
VO1HH	290,079-167-590-	C-49
VE1EK	52,800- 88-200-	A-26
VE1AE	20,250- 45-150-	A-
VE1AJ	14,448- 56- 86-	A-31
VE1DB	8568- 34- 85-	B-10
VE1WP	5046- 29- 58-	A- 7

### Oklahoma

Quebec

K5BOC	361,335-221-545-	C-68
W5SIH	107,640-138-260-	C-47
W5PWG	2079- 21- 33-	B-10
K5CYK	462- 11- 14-	B- 8

### Southern Texas

Ontario

W5JAW	999,192-316-1054-	C-82
W5BRR	674,262-282-797-	C-58
W5WZQ	515,916-306-562-	C-55
K2EUI/5	304,416-224-453-	C-42
W5LJT	178,017-173-343-	C-30
W5MCO	146,475-155-315-	B-56
K5YUR	15,138- 58- 87-	C-27
W5QNY	9682- 47- 69- A-45	VE3ES
W5ACL	864- 16- 18- C- 8	VE3WB

308

158,064-148-356- B-52

125,244-142-294- B-65

64,260-102-210- B-34

62,376- 92-226- B-29

48,510- 98-165- B-49

### Over 300 OSO's/Band — DX

	80	40	20	15	10		80	40	20	15	10
CR6CK			535	714	761	OK1ARN				313	
CR6EI				359	OK1GT	OK1KTL*	383	554	769		
EL2Y	303	346		541	OK1VB			514	657		
ET3FMA*	1198	742			OK2RZ				334		
ET3USA*	748	488			OK3CEG				436		
TJ1QQ	344			301	ON4XG				426		
ZD8J	680	1113	1522	1111	OZ1LO				378	419	
ZS6BMD				384	OZ5DX				572	538	
5H3KJ		661	742	791	OZ7BG				509	493	
9G1HM		473			OZ7OF				540	420	
9J2MX				417	PA4LOU				320	385	
EP3AM		690			SM6CKV				356	565	
JA1BRK		516	763		SV9WP				770	697	
JA1CWZ	303	509	667		UA1IA				331		
JA2JAA		443	505		UA2KAP*				368		
JA3LGG			352		UA3KBO*				705	561	
KA2NY*		428			UA4KHW*				609		
KA7AB		404	946		UB5KKA				777		
UA0AG		542			UQ2KCR*				323		
UA0KCO*		421	362		UY1BCD*				601	919	
UA0KFG*		631	663		H18IBC						
UA0KZB*		484			H18LC				533		
UW9OA		713			H18RV				457		
VU2KV		432			HP1IBR				366	380	
DJ5BV		705	774		HP1IXHG				893	593	
DJ3WU		412	474		KL7IR				421	689	
DL1VU*	303	520	718		XE2AAG				361	722	
DL4EG		481	686		KH6IJ				586	1067	
DL5JX		458			K2SIL/KH6				758	1133	
DL6WD		464	611		VK2EO				432	452	
DL7GK			311		KA3APJ				363	679	
EA2DT			322		K3AXK				1063	774	
E19J		485	540		K4QFM				320	1243	
F8VJ		354			K5FPM				474		
F8ZF		330			L1AFW				620	454	
G2DC		448	306		L1AMQ				375		
G2RO		754	404	47	L1HW				365	399	
G3APN		323			PY1BCA				612		
G3FXB		516	517		PY1NO				404	628	
G4CP		656	487	310	PY2BRO						
G6VC*	328	634	304	319	PY2BGL				312	446	
GC3IEW		410	548	359	PY2SO				300		
GI3OQR	438	825	645	435	PZ1AH				1045	1069	
GM5AI			386		YV1DB/5				1407	1099	
GW3ITZ*		475	444	305	YV1OB				841	931	
HA5KDQ		427	352		YV5BOA				419	493	
HA8UD		372			9Y4LA				307	428	
HB9DX				315				348	403		
HB9JG		429	721					648	429		
HB9UB	373	563	1102						337		
HB9Z		522	651								
IIAMO		357	562								
IIASE			419								
II1BLF			432								
LA0AD		520	467								
OE4SZW		306	737								
OH2TI*		849	663	417							
OK1AHZ				301							
OK1AOX											

\* Multioperator station.

VE3IJ 11,868- 46- 86- C-20  
 VE3CAZ 1738- 22- 27- C- 5  
 VE3DEI 1539- 19- 27- A-11  
 VE3FGV 1344- 16- 28- A-11  
 VE3BS 507- 13- 13- B- 2

## DX CONTINENTAL CHAMPIONS

*Manitoba*  
 VE4FQ 105- 5- 7- A- 2  
*Saskatchewan*  
 VE5PM 15,219- 57- 89- B-  
 VE5DP 2277- 23- 33- B- 7  
 VE5DZ 1488- 16- 31- A-11  
*Alberta*  
 VE6LU 136,188-117-388- C-50  
 VE6AVR 9600- 40- 80- A-27

### CW

Single Operator	Multioperator
ZD8J	ET3FMA
KA7AB	UAØKFG
GI3QQR	SM6CKV
VP2VL	PJ5MJ
KH6IJ	VK3APN
HK3RQ	LU8DQ

Single Operator	Multioperator
ZS6DW	ET3USA
KA7AB	KA9MF
EA3JE	DLSWR
YS1XEE	XE2PTBC
KH6IJ	VK2FU
HK3RQ	CEØAE

**(Single-operator continental DX champions win the plaque)**

### *British Columbia*

VE7EH 207,636-143-484-AC-80  
 VE7BDM 15,390- 38-135- A-22  
 VE7IQ 12,426- 38-109- A-  
 VE7HQ 4752- 24- 66- A-22

### *Yukon-N. W. T.*

VE8BB 52,875- 75-235- B-38

### **AFRICA**

*Morocco*  
 CN8FV 5425- 25- 73- A-  
*Portuguese Guinea*  
 CR3AD 8820- 35- 84- A-  
*Angola*  
 CR6CK 1,137,780-180-2107- A-  
 CR6EI 340,224-128-886- A-61  
 CR6AI 263,712-134-657- B-21  
*Mozambique*  
 CR7IZ 156,465- 95-549- A-45

*Canary Islands*  
 EA8FJ 56,280- 70-268- A-

*Liberia*  
 EL2Y 350,142-134-871- B-

*Ethiopia*  
 ET3FMA (K4FMA, W6HOH)  
 1,513,920-190-2656- A-

ET3USA (W5QHD, WA0TIX)  
 613,785-145-1411- A-85

*Cameroun*  
 TJ1QQ 222,099-101-733- B-18

*Seychelles*  
 VQ9B 165,240-102-540- A-

*Ascension Island*  
 ZD8J 3,277,116-258-4234- A-96

*Rhodesia*  
 ZE1CY 24,570- 35-234- A-33

*South Africa*  
 ZS6FN 240,030-127-630- A-  
 ZS6BMD 151,620- 95-532- A-  
 ZS1O 11,037- 39- 99- A-34  
 ZS6BT 7560- 42- 60- A-

*Tanganyika*  
 5H3KJ 999,540-162-2210- A-

*Senegal Republic*  
 6W8BF 8550- 30- 95- A- 8

*Ghana*  
 9G1HM 201,495-101-665- A-27

*Zambia*  
 9J2MX 266,784-112-794- A-44

*Sierra Leone*  
 9L1TL 332,442-138-811- A-

*ASIA*  
 BV2A (2 oprs.) 3287- 19- 58- B-

*Iran*

EP3AM 359,775-123-975- B-

*Japan*

KA7AB 1,157,760-201-1920- B-

JA1BRK 1,150,817-199-1928- B-68

JA1CWZ 1,007,304-188-1786- A-

JA2JAA 544,872-146-1244- C-

JA3LGG 249,090-115-722- A-31

JA7FC 163,590- 95-575- A-

JA2IPE 55,770- 66-282- A-

JA1LXE 40,434- 46-294- A-

JA7JW 36,672- 48-263- A-

JA2LA 33,360- 48-232- A-

JA7ERJ 30,015- 45-224- A-

JA8BYP 25,110- 45-186- A-

JA2FCR 15,768- 36-146- A-13

JA4AEZ 15,674- 34-156- A-

JA2ITH 14,550- 30-164- A-

JA2DXZ 12,093- 29-140- A-

JA1SMA 8613- 27-109- A-29

JA8CCZ 7566- 26- 97- A-19

JA1VTT 6042- 19-106- A-18

JA6GPR 5454- 18-101- A-22

JA4SZ 5280- 22- 80- A-

JA7CQB 4977- 21- 81- A- 7

JA1BNW 4820- 20- 81- A-

JA1SKE 3468- 17- 68- A-

JAØDJE 3240- 18- 60- A-

JA1WWY 3159- 13- 81- A-

JA3LOK 2520- 14- 60- A-49

JA1XRH 2196- 12- 64- A- 6

JA1LGH 550- 5- 37- A-10

JA4FQZ 384- 4- 32- A-

JA1VDA 356- 4- 30- A- 9

JA3LRR 300- 5- 20- A-

JA1BZM 180- 5- 12- A- 2

JA8GR 180- 4- 15- A-

JA2BSD/2 54- 2- 9- A-

KA2NY (K6ZBV, WB6QVS, K9ZYS)

ZD8J 227,520- 96-790- C-80

JA7YAF (5 oprs.) 60,062- 59-342- A-96

OD5LX 12,300- 41-100- A-

JAØYAN (JAs 2DHL 3KUD ØCHI)

16,490- 34-163- A-21

ASA9S. F. S. R.

UW9OA 152,559- 67-759- B-

UAØLH 89,631- 69-432- A-

UAØAG 86,178- 53-542- B-23

UAØPN 32,292- 46-234- A-

UAØTD 22,002- 38-193- A-

UA9HM 17,353- 37-123- A-

UAØTR 11,362- 26-154- A-15

UAØLS 11,107- 29-128- A-17

UAØBZ 9396- 29-112- B- 8

UAØCC 8568- 28-102- B-

UAØDV 7176- 26- 92- A-

UW9PT 6048- 28- 72- A-

UA9KHA 3312- 24- 46- B-

UAØKCA 3300- 11-100- B-

UAØMD 1584- 11- 48- A-

UWØBA 1554- 14- 37- A- 3

UAØSA 168- 7- 8- A-

UAØKCS 12- 2- 2- A- 1

UAØKFG (6 oprs.) 1,088,256-192-1907- B-

**Phone**

Single Operator	Multioperator
ZS6DW	ET3USA
KA7AB	KA9MF
EA3JE	DLSWR
YS1XEE	XE2PTBC
KH6IJ	VK2FU
HK3RQ	CEØAE

Single Operator	Multioperator
DJ2YE	31,824- 51-208- B-
DM3LOG	26,112- 51-173- B-
DJ8SG	24,381- 63-129- B-
DL1JC	18,668- 52-127- A-34
DM3MSF	17,292- 44-132- A-
DM3PA	13,600- 40-117- A-
DJ1LD	10,185- 35- 77- A-
DM3BE	8015- 35- 79- A-
DJ8VG	6237- 21- 99- A-
DM4SBO	2600- 13- 73- C-
DL9PO	1904- 17- 38- A-
DM2CPL	1740- 20- 29- A-
DM3ZIC	1536- 16- 33- B-
DM2CUO	1123- 11- 36- A-

Single Operator	Multioperator
UL7GW	14,625- 39-125- B-
UL7GR	9828- 39- 84- A-
UL7GW	8004- 29- 75- A-

Single Operator	Multioperator
Uzbek	Turkoman
UJ8ABO	7482- 29- 86- B-
UJ8AB	1,007,304-188-1786- A-
UJ8AB	4452- 28- 53- B-
UJ8AB	14,625- 39-125- B-
UJ8AB	9472- 32- 99- A-
UJ8AB	51,408- 51-336- A-
UJ8AB	22,416- 48-168- A-
UJ8AB	20,511- 43-159- B-18

Single Operator	Multioperator
VU2KV	142,434- 82-597- A-
VU2MSK	38,802- 58-223- A-

Single Operator	Multioperator
9M2LN	51,092- 53-322- A-
9M2LN	51,092- 53-322- A-

Single Operator	Multioperator
F8VJ	530,378-164-1070- A-45
F8ZF	320,634-141-758- A-
F2PO	301,471-141-716- A-40
F8TQ	211,344-112-629- A-20
F8TM	86,130- 99-290- A-
F9RM	41,072- 68-202- A-
F8VO	6003- 29- 69- A-
F9BB	4140- 30- 46- A-

Single Operator	Multioperator
F9VN/FC	94,770- 81-390- A-

Single Operator	Multioperator
G2RO	1,362,561-213-2134- A-
G4CP	1,235,406-218-1889- A-
G3FXB	971,319-199-1627- A-
G2DC	502,560-160-1047- A-
G3KMA	342,015-151-755- A-
G3VNR	322,326-141-762- A-
G3ESF	283,290-133-710- A-

Single Operator	Multioperator
G3APN	190,848-112-572- A-80
G3HZN	20,022- 47-142- A-
G3RJB	12,180- 35-116- A-17
G6VC (6 oprs.)	1,103,436-204-1803- A-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

Single Operator	Multioperator
1,088,256-192-1907- B-	1,088,256-192-1907- B-

&lt;table border="0" style="width: 10

Seems like nobody can make more noise with less power than a JA. Versatile JA3LGG, for example, ran 20 watts on phone to amass 203K, then fired up the linear to run 30 watts on c.w. for 249K. Cake was helped by a TA-33 and an inverted Vee.

<i>Guernsey</i>	<i>Bulgaria</i>
GC3IEW 957,972-194-1646- A-71	LZ2KKZ 38,304- 48-266- B-
<i>Isle of Man</i>	LZ1YW 25,920- 54-161- A-
GD3AIM 35,802- 54-221- A-	LZ2RF 4047- 19- 71- B-
<i>Northern Ireland</i>	LZ1KSA (2 oprs.) 22,278- 47-158- B-
GI3OQR 1,746,528-226-2576- A-	LZ2KDO (2 oprs.) 21,996- 39-188- A-

<i>Scotland</i>	<i>Austria</i>
GM5AII 177,840- 95-624- A-	OE4SZW 417,756-124-1124- B-
GM5AIW 124,845- 87-480- A-	OE2EGL 47,475- 75-211- B-
<i>Wales</i>	<i>Finland</i>
GW3JL 139,680- 97-480- A-	OH3MK 35,319- 61-193- B-
GW3ITZ (7 oprs.) 805,680-180-1511- A-	OH6VP 15,255- 45-113- B-
<i>Hungary</i>	OH3NY 12,558- 46- 91- B-
HA8UD 148,761- 77-644- A-	OH5AA 5363- 31- 58- B-
HA3GF 127,218- 91-466- A-	OH5VT 5166- 21- 84- B-
HA8UH 58,944- 64-307-AB-	OH4RH 4956- 28- 59- A-
HA8UF 28,500- 50-190- A-	OH2YL 3042- 26- 39- B-
HA3MB 22,230- 57-130- A-	OH3XZ 3013- 23- 44- B-
HA8KCC 19,090- 46-139- A-	OH3MU 1260- 15- 28- B-
HA7KPH 9630- 21-153- B-	OH5QV 714- 14- 17- A-
HA3GA 8484- 32- 88- A-	OH3MM 396- 11- 12- A-
HA1ZH 8118- 33- 82- A-	OH2TI (8 oprs.) 1,094,238,186-1961- B-
HA7JO 2086- 14- 50- A-	<i>Czechoslovakia</i>
HA9LL 297- 9- 11- A- 2	OK1GT 922,376-182-1691- B-
HA5KDQ (6 oprs.) 467-040-139-1120- B-	OK1ARN 208,060-101-693- A-
HA1KSA (multiopr.) 220,476-114-646- B-	OK3CEG 189,840- 84-770- A-39
HA3KNA (HA3s NB NC) 7,650- 34- 75- B-	OK1AHZ 173,700-100-582- B-
HA3KGC (multiopr.) 2,448- 16- 51- A-	OK1AOX 133,164- 81-548- A-
HA7KLB (multiopr.) 12- 2- 2- A- 1	OK2QX 127,200-106-400- A-33
<i>Switzerland</i>	OK3CCC 111,930- 91-424- A-
HB9UB 1,023,640-163-2167-AB-	OK2RZ 104,328- 63-552- A-
HB9JC 900,900-182-1653- B-	OK3ER 91,920- 38-383- A-
HB9DX 307,428-137-748- B-	OK2YF 75,740- 70-394- A-
HB9KC 142,500- 98-485-AB-	OK1XW 66,597- 79-293- A-
HB9AGK 25,112- 43-195- A-12	OK1VK 55,600- 50-371- A-
HB9Z (HB9s AGH AFG QH) 819,156-178-1534- B-	OK1VK 45,717- 49-311- B-
<i>Italy</i>	OK2BHX 30,096- 38-264- A-
I1AMO 626,652-156-1347- B-62	OK1TA 16,575- 51-109- A-
I1ASE 370,830-141-877- B-63	OK2BMF 15,372- 42-122- A-
I1BLF 262,737-111-789- A-	OK2BPF 9486- 31-102- A-
I1PER 105,084- 84-417- B-25	OK1BV 8580- 20-143- B-
<i>Norway</i>	OK2BHV 7872- 32- 82- A-
LA6GAD 820,416-192-1426- A-80	OK1KWR 5616- 24- 78- A-
LA6U 52,316- 82-213- A-	OK3BT 4221- 21- 67- A-
LA2Q 6480- 27- 80- A-16	OK1CJ 3510- 18- 65- A-
LA1P 1953- 21- 31- A- 6	OK1ZQ 2784- 16- 58- A-
	OK3CDF 370- 9- 14- A-
	OK1AKW 210- 7- 10- A-
	OK1AVG 3- 1- 1- A-
	OK1KTL (multiopr.) 871,401-173-1682- C-



OK3KAP (2 oprs.) 33,966- 51-222- A-

*Belgium* ON4XG 618,168-172-1198- A-41

ON4NM 49,680- 60-276- A- UW3CM 4929- 31- 53- B-

ON5TO 8550- 38-75- A- UA1TL 4788- 28- 57- B-

*Denmark* UA1TQ 4125- 25- 55- B-

OZ1LO 887,184-183-1616- B- UA3TA 3885- 21- 62- A-16

OZ7OF 716,566-173-1383- B- UA4SKL 2394- 19- 42- A-

OZTBG 575,586-153-1254- B-39 UA4QQ 1260- 10- 42- A-

OZ5DX 501,837-161-1039- B- UA3BK 1254- 11- 38- A-

OZ7X 180,840-120-505- A- UW6AO 828- 12- 23- A-

OZ1W 169,635-129-440- A-40 UA3FK 720- 12- 20- A-

OZ3PO 105,999- 89-406- A- UA3MV 693- 11- 21- A-

OZ4H 10,656- 32-11- A-22 UA3GO 120- 5- 8- B-

OZ2UA 4640- 20- 79- A- UA4HA 30- 2- 5- A-1

OZ7G 3780- 20- 63- A- UA6ACA 45- 3- 5- A-

*Netherlands* UA4ZL 3- 1- 1- A-1

UA3KBO (2 oprs.) 684,520-157-1499- B-

PA0LOU 1,000,428-197-1750- A-58 UA4KHW (2 oprs.)

PA0FLX 45,276- 49-312- A- 166,050- 82-675- B-37

PA0VB 27,360- 60-152- A- UA1KAG (3 oprs.)

PA0AAC 21,828- 34-214- A- 103,194- 91-378- B-

PA0BL 13,455- 39-115- A-21 UA1KAC (3 oprs.)

PA0JR 3960- 24- 55- A-6 73,125- 75-326- B-

PA0TA 2346- 17- 46- A- UA1KFT (3 oprs.)

PA0PT 448- 8- 19- A- 68,112- 56-344- A-

UA6KOE (2 oprs.) 21,543- 43-167- B-

SM5UU 80,631- 93-289- B-57 UA6KBS (3 oprs.)

SM7BKZ 50,292- 66-254- B- 17,325- 35-165- A-

SM5ZZ 46,176- 74-208- B- UA1KCU (3 oprs.)

SM3CX5 28,800- 48-200- B- 11,232- 36-107- A-

SM0CER 18,564- 42-148- B- UA3KIB (2 oprs.)

SM5BNX 17,550- 39-150- B- 8 3243- 23- 47- A-

SM5BDS 13,248- 46- 96- B-19 SM5XX 710- 35- 58- AB-

SM7BKV 5394- 20- 62- B- UA2CA 65,475- 75-291- A-

SM1CJV 5049- 33- 51- B- UA2DM 54,621- 63-289- A-

SM1CXE 324- 9- 12- A- UA2WO 5382- 26- 69- B-

SM6CKV (7 oprs.) UA2KAP (2 oprs.)

1,351,560-210-2327- B-68 54,096- 49-368- B-

*Kaliningradsk* Ukraine

SP3ALJ 182,834-113-540- A- UB5TR 45,225- 67-228- B-

SP8AG 97,632- 72-459- A- UB5BMZ 10,902- 23-158- A-

SP8BAJ 42,804- 58-246- A- UB5DW 6400- 25- 86- B-

SP6AEG 13,923- 39-120- B- SP7MJ 5880- 28- 70- B- UB5KNF (UY5RV, opr.)

SP7GH 4212- 26- 54- B- 5 576- 8- 24- A-

SP9NH 2952- 24- 41- A- 7 UB5UR 84- 4- 7- B-1 SP6BAA 2040- 17- 40- B- UB5KBA (3 oprs.)

SP2PI 1596- 14- 39- A- 3 288,214-106-907- B-

SP9AGS 924- 14- 22- A- UB5KKA (2 oprs.)

SP3BES 36- 3- 4- A- 146,034- 63-827- B-

SP9AQY 60- 4- 5- A- UB5KED (3 oprs.)

SP9DH (2 oprs.) 126,132- 92-457- B-96

38,999- 59-221- A- UB5KFF (3 oprs.) 119,000- 85-467-AB-

Greece UB5KAW (multiopr.) 34,968- 47-248- B-

Iceland UT5KDP (3 oprs.) 7800- 26-100- A-

TF2WKS 17,556- 44-133- A- White Russian S.S.R.

UA1ZL 84,660- 68-415- A- UC2KSB 96,120- 89-360- B-

UA1KUZ 64,386- 73-294- A- UC2SE 36,018- 58-207- A-

UA1IA 63,216- 48-439- A- UC2WY 6831- 33- 69- A-

UA1KUA 43,719- 59-250- B- UC2DN 360- 8- 15- A-

UA1DH 33,516- 57-196-AB- UC2CY 54- 3- 6- A-1

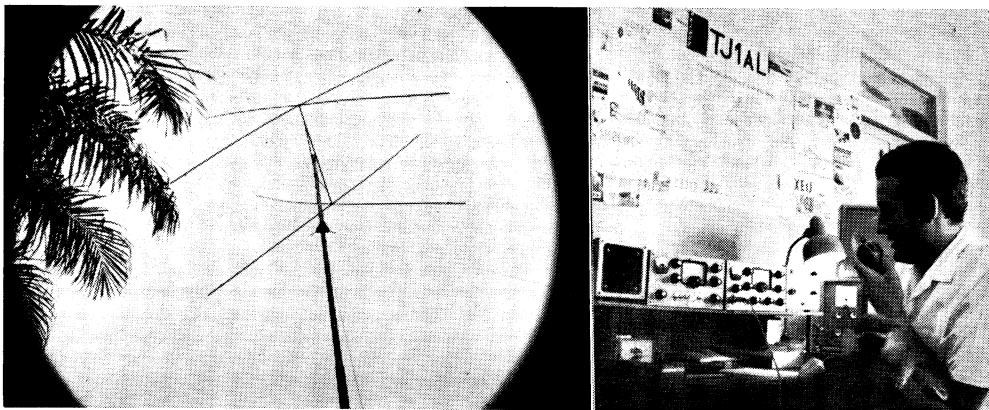


Second place among Italy's mikesmen went to I1CAQ, whose 41-hour stint resulted in 1405 log entries. To cut down on the "marathon" aspect of the brawl, Al would like to see a limit of two QSOs per multiplier per band.

UC2KMZ (3 oprs.)	<i>Latria</i>	YU1KQO	6003-29-69- A-	<i>Panama</i>
14,070- 35-134 - A-	UQ2KBC	1620- 18- 30- A-	YU1BCD (YU1s HQW PCF QBC) 1,061,226-174-2035- B-76	HP1XHG 1,662,336-234-2368-BC-64
Azerbaijan	UQ2PM	420- 10- 14- A-		HP1BR 320,640-128-835- B-
	UQ2KBE	162- 6- 9- A-		HP1LR (4 oprs.)
UD6AX	UQ2KCR (3 oprs.)	164,739- 89-617- B-	I.T.U. Genera	351,120-154-760- A-
UD6BW		60,102- 53-378- C-	4U1ITU (DJ2SL, W9AV)	
				<i>Alaska</i>
				KL7IR 1,154,592-228-1688-AC-46
				KL7FRZ 210,273-119-589- B-
				<i>Virgin Islands</i>
				KV4AM 60,630- 86-235- C- 5
				<i>Canal Zone</i>
				KZ5GN 2 80,407-151-619- A-

Over 300 QSOs/band—DX											
	80	40	20	15	10		80	40	20	15	10
CN8FV			363	1163		OZ1LO			691	480	573
CR6GM				556		OZ1RH					479
CR6GS				524	721	OZ2KT					446
CR7DS				388	443	OZ5JT					
EL2E			433	411	423	OZ7DH*			565	555	
ET3FMA*			355	448		PA0XPQ			526	566	820
ET3USA*			690	692		SM4CMG			458	660	616
ZD8HAL			463	685	416	SM5EAC			553	403	
ZE8JY				319	484	SM5ZZ			678	391	443
ZS6BMD				592		SM6AEK			587	305	427
ZS6DW			678	682	1155	SM6CAS*			1814	1071	354
ZS6RM			418		388	SM7CRW			511		986
5H3RJ			370	563	486	SP5AKG				386	
5N2AAF				397	721	SV9WL			546	568	620
7P8AR			781	843	483	UA2KBD*			448		
						UA3HO			529	438	
EP3AM			906	410	333	UA3KBO*			1320	689	308
JA1BAR				301	349	UA4KHW*			483		
JA1CCG				308		UB5WF				833	439
JA1DXE			401			UP2OV					
JA1INDO				369	460						
JA2JAA			385	360	379	CO8RA				598	
JA3CXN				374		II8LC			757	436	
JA3GZN				360		HP1JC			407	768	629
JA3LGG				440		KL7AIZ*			418	858	1073
JA6ATY			368	429	416	KL7EFR					496
KA2JP				847		KP4CSW			820		
KA5MC				1046	640	KP4DBJ			470	401	632
KA7AB			640	611	787	KP4DBU*			699	742	1165
KA9MF*			378			KV4AM			430	307	
VU2DKZ			555	349	1224	KV4EY			492		
ZC4CN			770	300		KZ5EH			379	1035	511
4Z4HF						KZ5NF			939		
						TG9UZ				554	452
CT1BH			446	745	812	VP2AC					
CT1LN			338		68	VP7NA			455		
CT1MW			385	887	74	KE1AC*			965	1008	1531
DJ5BV			558	1014	954	KE1AE			476	777	1151
DJ5GI				507	334	KE2PTBC*			1454	1555	1629
DJ5IH				563		YN1TP					423
DJ6QT			550	1120	1126	YS1SEE			1005	1687	1584
DL1LK				542					843	385	481
DL4AP*			575	635	318	KG6AAY*					416
DL4DK				399		K0ILLI/KG6				783	685
DL4EG			463	1032	698	KH6BZF			455	501	1690
DL4RM*			545	1345	490	KH6GCF*					390
DL5JX				315		KH6GJW					626
DL9EM				499		KH6GLJ				1057	1256
DL0WR			1189	1459	1464	KH6IJ			944	702	2422
EA3JE			1270	1105	658	VK2APK			1368	626	1100
EA3QW				706	1170	VK2FU*			674	325	487
F2SI			407	689	866	VK3ATN			368		
F5OJ*				442	558	VK3AXK					563
G3IAR			419	697	662	VK4JE					655
G3KMA					681	VK9GN					
G3SME*			540	814	840	VR3DY			601	572	579
G3WWO*			751	1394	779	ZL1AGO			843	470	529
G4JZ			370	737	886	5W1AS			311	450	892
G6LK				762		5W1AT			859		451
GB2SM*			868	1220	631						
GW3NNW				467		CE6EZ			1084	944	1239
HG2KRD				1003		CE6AE*			575	672	
IIBAF			881	1037	396	HC1PC			409	577	747
IIBBZ				341		HC4TB			465	517	1195
IICAQ			463	550	390	HK3RQ			1297	1403	1875
IICZW*			492	500	654	HK5BDS			596	531	
ILLAG				368		KC4USM			792	732	
IIRIZ			385			LU3EX					1060
LA0AD			685	734	633	OA4JR			723	635	845
OE2EGL			636	781	727	OA6BU			360	495	751
OH2BH				939		PY1CK			326		
OH5SM*			1763	1413	765	PY7AKQ			677	712	971
OK1MP				375		8R1G			570	556	1316
ON4XG				421	452	9Y4LA				506	385
ON4ZU			350	493	483	9Y4LO			479	607	
ON5GF				591	358						

\*Multioperator station.



**TJ1AL** was a popular item on 21-MHz. phone with a homebrew 3L quad 35' skyward; Gerard and friend are at right. S.s.b. and a triband quad arrived too late for Test purposes.

Sint Maarten		Territory of New Guinea		PY2BBO 170,046- 94-603- A-		Maryland-D.C.	
PJ5MJ	(PJ2ME, W2BBK) 560,205-177-1055- A-	VK9GN	233,376-136-572- A-	PY1CKV	6642 27- 82- A-	W3BQN	682,722-269-846- C-88
<i>British Virgin Islands</i>		<i>Fanning &amp; Christmas Is.</i>		PZ1AH	2,074,698-237-2921- A-	W3FYS	203,763-181-541- B-
VP2VL	3,084,300-298-3450- B-	VR3DY	37,620- 57-220- A-		<i>Surinam</i>	W3BWZ	279,600-200-466- B-42
<i>Bahama Islands</i>		<i>New Zealand</i>			<i>Venezuela</i>	W3GRF	186,372-167-372- C-30
VP7DX	1,263,539-231-1823- A-32	ZL1AFW	519,048-162-1068- A-45	YV1OB	999,775-203-1643- B-61	W3AXW	185,562-183-338- C-69
		ZL1HW	514,608-142-1208- A-	YV5AGD	779,259-169-1537- B-	W3AYD	164,754-152-339- C-33
		ZL1AMQ	334,995-115-971- A-55	YV1DP/5	608,130-145-1398- B-28	WA9GTX	156,372-157-332- A-
XE2AAG	<i>Mexico</i>	<i>Samoa</i>		YV5BOA	480,187-127-1261- C-	W3KDD	148,050- 94-525- C-33
1,655,698-233-2370- A-	5W1AT	1909- 23- 28- A-		Trinidad & Tobago	K3VAB	104,949-117-299- C-65	
<i>El Salvador</i>				9Y4LA	315,248-136-778- A-	K3HVM	101,106-123-274- B-50
YS1O	10,800- 48- 75- C- 3	<b>SOUTH AMERICA</b>				WA3DCG	80,250- 61-166- C-33
		<i>Chile</i>				K3AHB	82,916-107-196- C-28
<b>OCEANIA</b>		CE2CR	143,397-113-430- A-			WA3JE3	30,750- 82-125- C-12
<i>Guam</i>		<i>Uruguay</i>				W3PWO	22,791- 71-107- C-14
K9ILJ/KG6		CX1OP	48,960- 72-227- A-	W3DRD	75,327-119-211- C-33	WA3GLP	19,314- 58-111- A-30
49,104- 66-248- C-11		CX1BBV	39,840- 40-332- A-	WA3IJD	1296- 18- 24- B-12	W3FX	14,706- 57- 86- C-13
KG6AAY (K8RXD, W6EIF)	58,536- 72-271- C-11	<i>Colombia</i>		WA3GSM	1170- 15- 26- A- 6	K3CBW	3600- 30- 40- C- 6
		HK3RQ		W3IYE (K3KOZ, W3IYE)	203,940-165-412- C-50	W3CSZ	1767- 19- 31- A- 4
<i>Hawaiian Islands</i>		<i>Delaware</i>		W3AWN	1584- 22- 24- C- 8	W3BNY	1350- 18- 25- C- 3
KH6IJ	3,051,270-270-3767- C-69	HK3BAE	3,230,166-263-4095- C-	W3ZKH/3 (9 oprs.)		W3ZKH/3 (9 oprs.)	
K2SII/KH6	2,932,900-225-2908- A-73	2,638,725-233-3775- B-58	W3WJD	1,326,150-350-1263- C-83	W3MVB (W3s FA MVB)	4,841,424-504-3202-C-96	
1,401,048-244-1914- C-27	HK3ASJ	25,772- 34-253- A-	W3GM	655,134-274-797- C-50	W3GN (W3s GN KMV)	357,600-200-596- C-51	
KH6AA	4500- 25- 60- A- 9	<i>Easter Pennsylvania</i>		K3JH (K3JL1, opr.)	203,940-165-412- C-50	WA3EPT (6 oprs.)	341,496-216-527- C-73
		<i>Antarctica</i>		601,398-258-777- C-80		WA3JYZ (K3LCH, W3DVA)	237,120-190-416-AC-67
<i>Australia</i>		KC4USM	467,775-135-1155- C-49	W3MWV	386,529-221-583- C-48	126,630-134-315- C-43	126,630-134-315- C-43
		<i>Southern New Jersey</i>		K3FGO	256,680-155-552- C-24		
VK2EO	1,962,900-225-2908- A-73	<i>Peru</i>		W3BYX	251,991-183-459- C-47	K2QIL	353,832-184-641- C-65
VK3APJ	1,271,411-199-2133- A-83	<i>Argentina</i>		K3QDV	216,630-145-498-A-68	W3CME	280,419-211-443- C-70
VK3AXK	528,372-156-1129- A-42	LU8DQ (4 oprs.)	2,210,264-232-3200- C-86	W3GHM	187,014-142-439- C-32	W2QKJ	260,610-170-511- C-50
VK5FM	274,701-127-721- A-	<i>Brazil</i>		K3PSW	186,588-146-426- C-44	K2BHK	246,627-201-409- C-50
VK4FH	223,587-117-637- A-48	<i>Peru</i>		WA3ATX/3	167,400-150-372- A-62	K2PZP	228,126-193-394- C-63
VK2VN	140,784-112-419- A- 9	OA4PF	1,163,076-206-1882-BC-	W3GRS	150,180-174-284- C-14	W3UNJ/2	100,000-125-280- C-42
VK5FH	100,332- 54-620- A-	<i>Argentina</i>		W3CGS	150,150-154-325- C-42	WA2IZS	83,187-117-237- B-
VK4QM	68,100- 50-454- A-	<i>Brazil</i>		W3CQS	127,463-139-307- B-31	W2QDY	80,256- 88-304- B-
VK2AND	30,912- 56-186- A-	PY2SO	2,809,131-247-3956- C-70	W3EQA	127,764-139-307- B-31	WB2SCK	77,256-117-232-AC-28
VK5KO	49,055- 30-50- A- 3	PY2BGL	2,809,131-247-3956- C-70	W3ALB	121,764-139-292- C-31	WB2BYF	76,612-107-239- C-25
VK3QV	39,404- 20-66- A- 5	<i>Brazil</i>		W3NOH	81,144- 98-276-A-16	W2DMR	70,596-106-222- C-30
VK3APN (VK3APN OP QK)	179,760-105-571- A-	PY1NO	2,603,259-243-3598- C-	W3KDF	72,150- 97-250- C-25	W2HXR	59,724- 84-237- B-63
		PY1BCA	638,608-167-1278- A-	W3AFC	70,296-101-232- C-25	W2SDO	40,689- 99-137- C-60
			63,933-101-211- -	W3WPG		W2ZUL	31,374- 63-166- C-35

QRP CHAMPS

**(150 Watts or Less at All Times)**

C.W.

## Phone

W4BRB	695,156	WA1DJG	434,340
W8QXQ	407,700	VE2NV	373,434
VE2NV	361,020	W8ECA	344,925
W6GEN	311,298	K4OLC	310,128
W4CRW	285,600	VE2BV	300,390
W2HUG	281,184	W4DQD	287,532
W2DKM	250,860	W2DKM	262,980
W2HDW	250,056	K1THQ	252,480
W1DXB	215,712	WA1ANR	249,948
WB2RKK	208,824	WA4UXU	237,357

PY2BBO		170,046- 94-603- A-	<i>Maryland-D.C.</i>			
PY1CKV		6642- 27- 82- A-	W3BQN 682,722-264-846- C-88			
			W3FYS 293,763-181-541- B-			
Surinam			W3BWZ 79,600-200-466- B-42			
PZ1AH		2,074,698-237-2021- A-	W3GRF 186,372-167-372- C-30			
			W3AXW 156,182-138-338- C-69			
Venezuela			W3AYD 164,754-162-339- C-33			
YV1OB		999,775-203-1643- B-61	WA3GTX 156,372-172-332- A-			
YV5AGD		779,259-169-1537- B-	W3KDD 148,050-94-525- C-33			
YV1DP/5		608,130-145-1398- B-28	K3VAB 104,949-117-299- C-65			
YV5BOA		480,187-127-1621- C-	W3HVM 101,106-123-274- B-50			
			WA3DCG 80,250-161-166- C-28			
Trinidad & Tobago			K3AHB 62,916-107-196- C-28			
9Y4LA		315,248-136-778- A-	WA3JEA 30,750- 92-125- C-15			
<b>PHONE SCORES</b>						
<b>ATLANTIC DIVISION</b>						
<i>Delaware</i>						
W3DRD		75,327-119-211- C-33	W3PWO 22,791- 71-107- C-14			
W3AIIID		1296- 18- 24- B-12	WA3GLP 19,314- 58-111- A-30			
W3A3GSM		1170- 15- 26- A- 6	W3FX 14,706- 57- 86- C- 13			
W3IYE (K3KOZ, W3IYE)		203,940-165-412- C-50	K3CBW 3600- 30- 40- C- 13			
<i>Eastern Pennsylvania</i>						
W3WJD		1,326,150-350-1263- C-83	W3CSZ 1584- 22- 24- C- 8			
W3GGM		655,134-274-797- C-50	W3RNY 1350- 18- 25- C- 3			
K3JH (K3JLI, opr.)		601,398-288-777- C-80	W3ZKH/3 (9 opr.) 8,441-424-504-3202-C-96			
W3MWC		386,529-221-583- C-48	W3MVb (W3s FA MVb) 357,600-200-596- C-51			
K3FGO		256,680-155-552- C-24	W3GN (W3s GM KNV) 341,496-216-527- C-73			
W3BYX		251,991-183-454- C-50	WA3EPT (6 opr.) 237,120-190-416-AC-67			
K3QDV		216,630-145-498-AC-68	K3JYZ (K3LCH, W3DVA) 126,630-134-315- C-43			
W3GHM		187,014-142-439- C-32				
K2PSW		186,588-146-426- C-44				
WA3ATX/3						
<i>Southern New Jersey</i>						
W3GRS		167,400-150-372- A-62	<i>K2QJL</i> 353,832-184-641- C-65			
W3CGS		150,804-177-284- C-14	K2CMF 280,419-211-443- C-70			
W3EQA		150,150-154-325- C-42	W2CME 260,610-170-511- C-			
W3ALA		127,463-139-307- B-31	W2QKJ 246,627-201-409- C-50			
W3NOH		121,764-139-292- C-31	K2PZF 228,126-193-394- C-63			
W3KDF		91,144- 98-276-AC-16	W3UNJ/2 105,000-125-280- C-42			
W3AFC		72,750- 97-250- C-25	W2QZL 83,187-117-237- B-			
W3WPG		70,296-101-232- C-25	W2QDZ 80,256- 88-304- B-			
W3ECR		63,933-101-211- C-21	W2BSCK 77,256-111-232-AC-28			
W3CAA		61,200-102-200- A-31	W2B2SY 76,612-107-239- C-25			
W3VHV		56,682- 94-201- C-20	W2DMR 70,596-106-222- C-30			
W3AFQJ		59,999- 90-190- C-20	W2HXF 59,724- 84-237- B-63			
W3INH		50,912- 86-198- C-24	W2SDO 40,689- 99-137- C-60			
W3GHD		43,011- 81-177- C-15	W2ZUL 31,374- 63-166- C-35			
WA3GUL		520, 82-120- C- C-	W2PJC 25,740- 65-132- C-14			
W3UWY		20,400- 50-136- A-27	K2CPR 25,200- 70-120- A-			
WA3GLI		20,130- 61-110- C- C-	W2BEUU 21,450- 55-130- A-			
W3NMM		15,141- 49-103- A-30	W2ORA 21,240- 59-120- A-17			
W3EAD		15,066- 54- 93- C- 8	W2BVX 15,582- 53- 98- C-12			
W3CBF		8064- 32- 84- A- 9	W2FHY 13,311- 51- 87- B-56			
K3MNT		2871- 29- 33- A- 4	K2SQS 11,562- 47- 82- B-12			
K3EUR		975- 13- 25- C- 2	W2BMN 7068- 38- 62- A- 5			
K3GYS		900- 15- 20- A- 7	K2AA (W2FYS, opr.) 6150- 41- 50- A-18			
W3EAN		576- 12- 16- A- 2	W2BZV 6090- 29- 70- B-12			
W3KT (K3MCO, W3KT)		351- 9- 13- C- 2	W2FPQ 3840- 32- 40- B-14			
			W2OWA 3120- 26- 40- C-14			
			W2BZUV 2520- 21- 40- A- 5			
			W2HDW 1836- 18- 34- A- 4			
			K2MKD 900- 15- 20- A- 3			
			W2PAU (W2s ESX PAU) 160,054-158-338- B-49			
			WB2ZJR (WB2s WRP ZJR) 19,215- 61-105-AB-30			
			W2GGT (W2s GGT SDB) 9504- 44- 72- C- 4			

## Western New York

W2FZJ	348,153-237-510-	C-50
K2DJ	332,904-194-572-	C-62
WB2YQH	301,800-203-503-	C-51
K2KNV	95,780-133-240-	C-28
W2SSC	85,068-102-278-	C-20
K2GXJ	70,455-105-224-	C-42
WA2CYQ	54,747-79-231-	B-22
WA2BEX	50,007-79-211-	B-17
W2FXA	23,328-72-108-	C- 8
WB2WSP	21,825-75-97-	A-
W2EJ	20,160-60-112-	C-15
WB2SJT	2442-22-37-	A- 9
WA2OIL	867-17-17-	A-15
WB2HZG	(WB2s ERE HZG)	
	155,820-140-371-	C-37

## Western Pennsylvania

W3BVP	273,513-173-527-	B-44
WA3GJU	102,555-129-265-	A-26
W3QZH	92,520-120-257-	C-49
W3OJW	45,465-105-149-	A-
WA3ENR	45,408-86-176-	A-40
K3AKR	23,184-69-112-	C-44
K3PZU	14,396-59-82-	C-16
WA3EJC	11,742-38-103-	A-46
K3HKK (K3ATH, opr.)	11,610-43-90-	B- 4

W3KVS	9288-43-72-	A-30
W3VK	7236-36-67-	
WA3EFH	3645-27-45-	C-15

## CENTRAL DIVISION

### Illinois

W9BZW	556,920-255-728-	C-65
W9QQN	444,744-281-568-	C-60
W9JJV	186,465-155-401-	C-65
W9DWQ	159,390-161-330-	C-26
K9JZV	166,848-158-352-	C-53
K9BJM	132,132-143-308-	P-57
WA9TFM	105,570-138-255-	A-
W9QDQ	88,059-149-197-	C-36
W9FIU	81,153-127-213-	C-37
K9DTZ	80,496-129-208-	C-38
WA9HJM	68,355-105-217-	A-51
W9GFF	64,092-109-196-	C-42
W9ARV	58,500-100-195-C-32	
WA9NFL	52,143-91-191-	A-34
K9QFR	48,654-102-159-	B-18
K9KOD	41,496-91-152-	C-26
W9WYB	34,800-80-145-	C-
K9KDI	33,150-78-142-	A-
WA9NJB	27,537-67-137-AB-24	
WA9TUM	26,130-67-130-	A-12
W9JTT	19,764-61-108-	C-20
K9IDQ	19,404-66-98-	B-
W9CRN	18,156-68-89-	B-
K9UCR	16,611-49-113-	-
W9WKU	11,076-52-71-	B-10
W9EVX	8772-43-68-	A-14
K9MNT	5850-39-50-	A-19
WA9UHD	585-13-15-	A-15
W9BGX (K4HNA, K9WEH,		
W9ICE)		
1,033,604-338-1020-C-96		
W9EXE (K9YOE, W9EXE,		
WA9RAT)		
991,452-319-1036-C-92		

K9PPJ (K9PPJ, WA9UFPV)

118,011-139-283- C-30

W9YYG (W9YYG, WA9s NVF

QNU) 15,552-54-96- C-14

K9QFZ (K9s QFZ RJP)

7385-35-71- A-20

Indiana

W9AQW 97,209-297-1099-C-79

K9TZH 760,674-291-872- B-80

W9ZRX 711,072-288-823-BC-79

W9CUY 705,740-284-829- C-

W9LKI 355,506-193-614- C-57

W9JQD 295,236-236-417- B-36

K9FAP 237,354-179-442- C-

W8CP0/9 51,000-100-170- A-45

W9MUR 33,465-97-115- C-

W9BUG 33,352-88-127- B-22

W9UEM 31,833-81-131- A-19

K9ODF 10,395-55- 63- A-27

K9VQK 7695-45- 57- A-32

WA9TPK (K9DVZ, WA9s ONZ

TJK) 131,672-133-330- A-34

WA9SXK (WA9s RLM SXR

VXT) 40,545-85-159- A-

WA9CPX 288,768-188-512- C-

W9ACT 61,380-99-208-AC-64

Wisconsin

W9EWK 896,148-292-1023- C-72

W9DUB 639,132-241-884- C-90

W9RQM 221,160-152-485- B-40

W9GIL 199,800-150-444- C-

WA9JDT 67,035-109-205- C-28

WA9ETL 35,424-82-144- A-33

W9ODD (W8APN, opr.)

23,424-64-122- C- 9

W9GMV 10,972-52- 71- B-10

W9NSR 2088-24- 29- A- 8

W9CIA 1764-21- 28- A-

WA9JDK 630-14- 15- B- 4

W9WEN 231- 7- 11- A- 4

W9YT (4 oprs.) 679,758-277-818- C-68

## DIVISION LEADERS

C.W.	Phone	C.W.	Phone	
Single Operator	Multioperator	Single Operator	Multioperator	
W3WJD	W3TMZ	Atlantic	W3WJD	W3ZKH/3
W9AQW	W9YT	Central	W9AQW	W9BGX
WØBLZ	WAØCJU	Dakota	WAØCPX	WØLOL
W5IOU	.....	Delta	W4NBV	WA5RMC
W8SH	WA8MCR	Great Lakes	W8SH	W8NGO
W9WNV/2	K2AHQ	Hudson	W2JSX	WB2CKS
WØTDR	.....	Midwest	WØLBS	WØBAA
K1DIR	W1MX	New England	K1DIR	WA1DCE
W7DV	W7SFA	Northwestern	W7ESK	W7SFA
W6HVN	K6DXM	Pacific	W6WX	K6OHJ
W4KFC	W4BVV	Roanoke	K8YBU	WA4HTR
WAØCVS	.....	Rocky Mountain	K7RAJ	WØICH
K4BAI	W4ZXI	Southeastern	W4QBK	Q4QPL
K6NA	W6RW	Southwestern	W6RR	W6CCP
W5JAW	W5EQT	West Gulf	W8KTR	W5AC
VE2YU	.....	Canadian	VE3BHS	VE3FH

## DAKOTA DIVISION

Minnesota	Mississippi
WAØKDI 232,800-194-400- C-62	WA1RCM 112,464-132-284- B-40
WAØGCP 216,300-175-412- C-45	W5MUG 54,609-109-167- -
WAØLDK 142,884-147-324- C-42	K5EXW 43,992- 94-156- C-40
WAØLJM 140,220-164-285- C-41	K5MDX 38,580- 90-144- A-14
WAØOZB 18,048- 64- 94- B-24	WAØYU 37,224- 88-141- B-38

Tennessee
WAØEPG 13,959- 47- 99- A-20
WAØAA (WAØSEN, opr.)
WAØRUE 5856- 32- 61- C-10
WAØNOJ (4 oprs.)
WAØOZB (9 oprs.)
WAØCJU (4 oprs.)
WAØNOJ (4 oprs.)
WAØPPK 1008- 16- 21- A- 4
WAØACT 61,380- 99-208-AC-64

GREAT LAKES DIVISION
Kentucky
W4NBV 619,776-269-768-BC-80
W4PEW 277,500-185-500- C-34
W4OGG 60,075- 75-267- B-28
W4ZFJ 2538- 18- B- 4

Michigan
W8SH (K1ZND, opr.)
1,079,154-334-1077- C-75
W8TWA/8
K44,465-249-505- C-87
K8BGZ 155,811-167-311- C-
W8RXY 153,117-159-321- C-
W8KSR 76,398-107-238- C-30
W8QQL 70,305-109-215- C-
W8RVD 62,274- 97-214- C-
WA8OSL 51,894- 93-186- B-48
W8HXZ 33,726- 77-146- A-40
W3TBF/8 31,098- 73-142- C-16
W8DQL 23,010- 65-118- C-11
WA8GGN 18,900- 63-100- B-30
W8FRJ 12,936- 49- 88- C-15
W8EEZ 12,561- 53- 79- C-24

Arkansas
WA5LLX 92,907-111-279- B-88
WA5RTG 90,171-129-233- C-42
WA5SDT 89,010-129-230- A-51
K5BLV 297- 9- 11- A- 7

Louisiana
W5KCC 319,815-207-515- C-60
W5AJY 310,635-195-531- C-55
W5LDH 91,575-111-275- C-
WA5RMC (WA5s OZH RMC)
45,675- 87-175-AB-25



Alaska's top dogs (huskies, of course) were phone op **KL7GAC** (left), who QSOd 1194 people in 45 hours, and Morse whiz **KL7IR** (right), with 1688 contacts in 46 hours. GAC has been transferred to North Carolina, will be on the wrong end of pileups next year. IR built W1CER's "Softenerboomer 160" (August 1966 QST) but had to listen to KH6IJ working multipliers on 1.8 MHz. that Marty couldn't even hear.



W8TWJ	11,664- 48- 81- C- 9	K8PXD	75- 5- 5- A-	W2FCR	56,448- 98-192-AC-35	<b>NEW ENGLAND DIVISION</b>
W8JAE	6825- 35- 65- C-10	K8RKF	72- 4- 6- B- 1	WB2OUZ	54,600- 91-200-BC-30	<i>Connecticut</i>
WA8MGO	3192- 28- 38- A-30	W8ZJM (K8JYV, W8ZJM)	WB2UIV	32,706- 79-138- C-23	W1OKG	840,924-284-087- C-86
W8MNR	2415- 23- 35- B- 9	120,324-148-271- B-22	WB2WID	24,705- 61-135-AB- 8	W1BIH	676,736-272-820- C-58
W8EXP	693- 11- 21- A- 5	W8EDU (WA3BGE, W8AZA, WA8MGI)	W2MNW	9102- 41- 74- A-20	WA1DJD	434,340-228-635- A-59
W8NGO (4 oprs.)	957,177-303-1057- B-	69,930-111-211- C-20	WB2YBA	8127- 43- 63- B- 7	K1VTM	362,388-202-518- C-65
K8HPS (9 oprs.)	22,374- 66-113- -	WB2YJS	6270- 38- 78- A-12	K1THQ	252,480-160-526- A-50	
W8NDM (W8NDM, WN8YHB)	540- 9- 20- A- 4	WB2RKK	6156- 38- 54- B- 5	K1GUJ	222,762-137-542- C-30	
<i>Ohio</i>		WB2ZMK	3432- 26- 44- B- 9	K1JHX	167,490-155-360- B-20	
W8LXU	374,976-217-576-AB-60	WB2ZKD	75- 5- 5- A- 2	K1DPB	87,756-103-284- A-	
W8ECA	344,925-219-525- A-63	WB2SQN (6 oprs.)	WB1CW**	76,053-101-251- C-30		
K8AXG	342,042-182-523- B-70	WB2AMK	114,210- 94- 405- A-	W1CNU	67,803- 97-233-AB-18	
W8ASMC	219,032-211-504- C-51	WB2MOI	61,677- 89-231- C-	WA1IED	57,459-107-179- A-23	
K8CFH	303,195-205-493-AC-	WB2AH	34,380- 60-191- C- 8	K1CEC	51,300- 90-190- C-20	
W8DKI	276,450-194-475- C-69	W2GTQ	7488- 32- 78- B-11	W1QV	34,020- 70-162-AC- 9	
W8BF	241,686-174-463- C-43	W1BGD/2	5100- 34- 50- C- 5	W1DIT	31,374- 83-126- C-32	
W8HYV	320,850-190-405- C-79	<i>N.Y.C.-L.I.</i>	WB2RKK	675- 9- 25- A- 1		
W8GXR	201,372-173-388- C-71	WA2CFD	407,904-224-607- C-49	WB2ZKD	75- 5- 5- A- 2	
W8GKA	155,124-124-417- B-46	WB2FON	268,260-202-611- B-42	K2BPP (5 oprs.)	476,748-228-697- B-72	
W8HBR	120,096-144-278- C-22	W2CP	311,085-223-465- C-54	K2BPP (5 oprs.)	178,670-170-351- C-32	
W8WUO	115,920-120-322- C-30	W2DKM	262,980-180-487- A-58	<b>MIDWEST DIVISION</b>		
W8ANYB	88,893-119-249- B-44	WB2FSK	232,128-156-496- C-60	<i>Iowa</i>		
K8GVX	85,365-105-271- B-43	WB2UZU	226,320-164-460- A-40	WB0LBS	523,776-256-682- C-62	
W8YGR	80,010-127-210- A-20	WB2ZTQ	213,192-189-376- B-42	K0UKN	329,511-221-497- C-60	
W8OKF	77,556- 92-281- C-55	WB2WZ	190,560-160-397- C-56	K0YVU	188,082-162-387- A-58	
W8AKPO	76,002-106-239- C-22	WB2GK	150,837-137-367- B-45	WA0IRP	110,160-135-272- C-42	
W8NPB	71,190-113-210- C-37	WB2LEJ	150,672-146-344- B-75	WB0BVR	26,566- 74-120- B-22	
W8TQL	54,810-105-174- B-36	WB2ZTH	146,316-137-356- A-63	WB0JOK	13,110- 46- 95- A-17	
W8JAQ	51,759- 81-213- C-26	WB2GKZ	97,020-147-220- C-16	K0IIIR	1296- 16- 27- -	
W8OG	41,124- 92-149- B-12	WB2YCW	235,680-119-240- C-26	WB0ASU (WBs KBG PKH)	1296- 16- 27- -	
K8BSM	40,020- 92-145- C-15	WB2AZS	51,840- 96-180- C-34	WB0TYK (4 oprs.)	14,100- 47-100- C- 7	
W8LJZ	37,908- 81-156- A-40	WB2OBO	28,050- 85-112- A-20	WB0ASU (WBs KBG PKH)	9660- 46- 70- A-10	
W8QXQ	34,365- 79-145- A-14	WB2YKL	26,112- 68-128- A-12	WB0TYK (4 oprs.)	7788- 44- 59- A- 5	
W8BVV	31,968- 72-148- C-16	WA2UWA	22,113- 63-117- B-20	WB0PAH	436,770-211-690- C-90	
W8ATYF	30,660- 70-146-AC-11	WB2ZV	20,412- 54-126- A-35	WB0PAH	304,500-203-500- C-96	
W8AJW	29,502- 66-149- A-21	WB2ZBM	18,468- 54-114- C-14	WB0BAA (WB0BAA, WA0MSD)	14,100- 47-100- C- 7	
W8IPA	23,328- 72-108- C-48	WB2ZIN	12,375- 45- 92- B-20	<i>Kansas</i>	1725- 23- 25- A- 2	
WA8SLW	20,790- 66-105- A-18	WB2TUK	11,664- 48- 81- A- 6	WB0YUQ	480,690-218-735- C-	
W8PCS	20,679- 61-113- A-11	WB2RDD	8100- 36- 75- C- 7	WB0SEA	288,204-188-511- C-58	
W8NHO	18,144- 56-108- B-47	W2KGN	7938- 42- 63-BC-10	WB0IEM	256,224-157-544- B-62	
W8ARXU	17,484- 62- 94- B-21	WB2VBQ	4928- 32- 52- B-10	WB0LQN	77,871-101-257- C-48	
W8VZE	14,952- 56- 89- A-15	WB2CKR	4620- 28- 55- A-11	K0JPL	61,812-102-202- B-15	
W8DZG	12,726- 42-101- A-20	WA2JKT	3393- 29- 39- A- 6	K0YIP	41,322- 97-142- A-26	
WA8TKM	10,716- 47- 76- A-17	WB2LQO (WB2JKT, opr.)	468- 12- 13- C- 3	WB0ELM	24,552- 66-124- A-12	
WA8WHN	9516- 52- 61- A-29	WA2KSD	294- 7- 14- C- 3	K0GSV	21,528- 69-104- C-18	
W8AQZ	9159- 43- 71- A-14	WB2JB	30- 2- 5- A- 1	WB0DSW	5508- 36- 51- A- 8	
W8GMK	8526- 42- 58- B- 8	WB2CKS (WB2CS VBT)	WB0UCK	2310- 22- 35- C- 6		
W8DWP	7344- 48- 51- A-17	830,636-281-986- C-70	WB0ASXV/0	1404- 18- 26- C- 2		
W8RZG	6588- 36- 61-AC-	WB2ZYY (7 oprs.)	WB0PAH	70,914-106-223- C-36		
WA8SSL	3510- 30- 39- A-11	189,805-145-438- B-96	WB0BAA (WB0BAA, WA0MSD)	528,759-231-763- C-63		
K8MMH	1953- 21- 31- A-12	WB0EMS (WA0EMS, WN8NTS)	<i>Missouri</i>	14,100- 47-100- C- 7		
WA8LVT	1890- 21- 30- A- 5	31,236- 76-137- C-10	WB0LBB	300,696-187-536- C-72		
W8SZF	1836- 17- 36- B- 5	WB2JSX	7738- 42- 63-BC-10	WB0GNX	271,284-188-481- B-58	
K8BPX	1800- 20- 30- C- 2	WB2JKH	4928- 32- 52- B-10	WB0LQN	77,871-101-257- C-48	
WA8ZGC	1800- 20- 30- B-	WB2FFQ	10,500- 36- 75- C- 7	K1KNI	111,891-151-247- A-32	
W8NBQ	1404- 18- 26- A- 7	WA2VSQ	122,112-128-318- B-48	K1YRG	79,866-102-261- A-26	
K8PYD	816- 16- 17-AC- 3	WB2KDNL	120,414-141-286- C-42	WB0OVL	29,152- 66-124- A-12	
W8HQX	630- 14- 15- A- 6	WA2IFF	69,915- 79-295- A-49	WB0CBL (4 oprs.)	21,284-157-544- B-62	
<i>Northern New Jersey</i>			WB0CBL (4 oprs.)	WB0PAH	61,812-102-202- B-15	
<i>Nebraska</i>			WB0PAH	512,568-252-678-C-	K1YRG	79,866-102-261- A-26
<i>Maine</i>					WB0PAH	41,322- 32- 43- C- 3
W1PCD	124,131-161-257- C-54				WB1PLJ	1800- 20- 30- B-10
<i>New Hampshire</i>						
K1OBT	323,361-183-589- B-49					
WA1DZX	276,762-193-478- C-80					
W1FZ	112,718-120-308- C-					
WA1DCD (WA1s COH EAH HXH)	115,560-120-321-AC-45					
<i>Rhode Island</i>						
W1YRC	331,335-199-555- C-29					
K1VJS	205,128-148-462- C-52					
W1BFB	175,050-150-391- B-60					
K1IKN	162,960-140-388- A-67					
K1AJQ	58,077- 81-239- A-31					
K1UJX	18,135- 65- 93- A-24					
W1AWE	13,083- 49- 89- A-					
<i>Vermont</i>						
WA1IHN	382,302-201-634- B-64					
WA1HUX	86,718- 97-298- B-30					
<i>Western Massachusetts</i>						
K1KNQ	227,385-163-465-ABC-30					
K1DKX	169,290-114-495- C-42					
<b>NORTHWESTERN DIVISION</b>						
<i>Idaho</i>						
WA1IUR	136,275-115-395- A-41					
W7TY	27- 3- 3- A- 3					
<i>Montana</i>						
W7EOI	44,109- 87-169- C-32					
W7FIN	4020- 20- 67- A-30					
K7CTI	1173- 17- 23- AB- 5					
<i>Oregon</i>						
W7YEX	172,638-138-417-BC-55					
K7VYU	75,684-106-238- C-30					

From the land of Mozart, **OE2EGL** composed a phone symphony in the key of 1.3 megapoints, orchestrated with 2262 QSOs, 191 mults. At left we note a 3L quad at a height of 60 feet; at right, operator Gene appears very *gemütlich* over the results.





Shown holding each other up after a grueling grind, W2BBK (left) and PJ2ME (right) racked up 1055 QSOs from PJ5MJ the first c.w. weekend. Theirs was the first DX log to hit the Ha. Contest Branch.

DOĞU MÜZİKLİ

## DIVISION

**SOUTHWESTERN  
DIVISION**

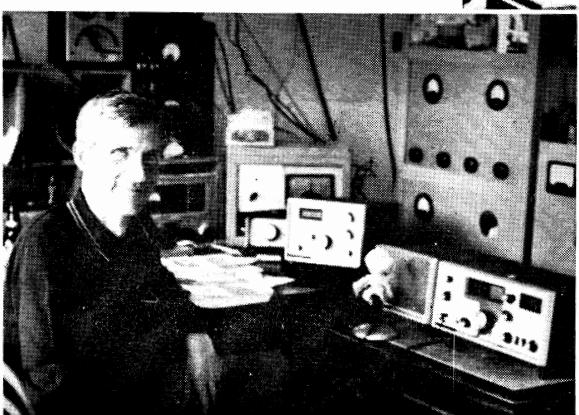
From Tokyo, JA1BAR rang up 265K with 777 exchanges on 10-15-20; XYL JH1GMZ chipped in another 13 grand.



↑ **VP2AC** says "Chasing DX is my line," but Jerry buys the groceries by working for the Antigua Star as a photo-journalist; he wrung ten meters dry during the phone Test.



**CE6EZ** used a 2L quad and inverted Vees to accumulate 2.45 meg and the No. 2 spot in the South America listings.



↑ **EA3JE** paced Europe on voice by socking it to 'em with 2-million-plus points and the 5th-highest DX score worldwide.



Employed by the Voice of America in Monrovia, **EL2E** played Voice of Liberia in the Test and woundup with 500K



↑ **5W1AS**, a visitor to Hq. this summer, had to struggle with a 26-foot-high beam surrounded by towering palm-trees; Ron had words to say about sleazy W/VE operating techniques.



**CANADIAN DIVISION**

*Maritime*  
 VE1NV 324,819-193-561- C-51  
 VE1ANT 27,939- 67-139- A-32  
 VO1DC 24,360- 58-140- B-19  
 VO2AB 18,58- 58-108- A-28  
 VO2AC 14,480- 40-121- B-18  
  
*Quebec*  
 VE2NV 373,434-218-571- A-53  
 VE2WA 303,888-208-187-AC-52  
 VE2BV 300,390-190-527- A-72  
 VE2WY 278,628-214-344- C-68  
 VE2AK 147,578-143-344- B-44  
 VE2AYU 72,114-101-238- A-38  
 VE2AJ 37,800- 84-150- B-20  
 VE2BUW 33,856- 83-144- A-24  
 VE2ALA 20,352- 53-128-AB-28  
 VE2YU (VE2s DCX YU)  
 406,980-228-595-AC-64  
 VE2DCW/2 (VE2s BGJ DCW)  
 51,285- 65-263- A-32  
  
*Ontario*  
 VE3BHS 424,206-212-666-AB-46  
 VE3BS 199,815-165-404- A-  
 VE3BMB 142,788-146-326- B-  
 VE3ES 40,545- 85-159- A-28  
 VE3CU 17,298- 62- 93- A-40  
 VE3HJ 26,013- 69-127- C-  
 VE3DYB 7680, 40-64- A-13  
 VE3SH 507- 13- 13- A- 4  
 VE3FHO (VE3s FHO GCO)  
 841,635-295-951- C-88  
 VE3CSN (VE3s CSN CTR)  
 18,650- 50-125- C-64  
 VE3CFP (2 oprs.)  
 3024- 24- 42- A-13  
  
*Manitoba*  
 VE4SD 75,319-109-231- C-48  
 VE4RP 22,320- 60-124- C-58  
  
*Saskatchewan*  
 VE5GF 30,420- 78-130-AC-21  
 VE5DP 26,418- 74-119-AB-25  
  
*Alberta*  
 VE6LU 104,013-127-273- C-46  
 VE6AP 63,336- 91-232- A-50  
 VE6MC 18,414- 62- 99- A-20  
 VE6TK 15,444- 52- 99- B-25  
 VE6TP 13,530- 55- 82- C- 6  
 VE6AKV 1200- 16- 25- A-12  
 VE6IN 240- 8- 10- C- 1  
 VE6ANR (VE6s AJT ASJ AVF)  
 215,040-160-452- C-96  
  
*British Columbia*  
 VE7EH 115,290-126-305- C-46  
 VE7NW 67,158- 91-246- C-49  
 VE7BQF 63,756- 77-27C- C-35  
 VE7YB 57,312- 96-199- B-96  
 VE7AXM 7134- 41- 58- A-20  
 VE7VP 1314- 18- 25- C-12  
 VE7IQ 720- 10- 24- A-  
  
*Yukon N.W.T.*  
 VE8BB 63,000- 84-250- B-36  
  
**AFRICA**  
*Morocco*  
 CN8FV 913,275-165-1845- A-70  
  
*Angola*  
 CR6GS 458,430-118-1295- B-  
 CR6GM 451,044-132-1130- A-30  
  
*Mozambique*  
 CR7DS 425,040-132-1075- A-  
  
*Liberia*  
 EL2E 497,931-131-1267- C-  
  
*Ethiopia*  
 ET3USA (W5QHD, WA0TIX)  
 817,236-161-1692- A-80  
 ET3FMA (K4FMA, W6HOH)  
 432,888-136-1061- A-25  
  
*Cameroon*  
 TJ1AL 29,748- 37-268- A-  
 TJ1QO 2100- 20- 35- B-  
  
*St. Helena*  
 ZD7KH 728,502-138-1760- B-

**Ascension Island**

ZD8HAL 836,703-171-1631- B-32 UH8BO 3060- 15- 68- B- 2  
*Rhodesia*  
 ZE8JY 394,196-124-1060- A- UI8AG 1989- 13- 51- B-  
  
*South Africa*  
 ZS6DW 1,439,670-185-2594- B- UJ8KAA (3 oprs.) 432- 9- 16- B-  
 ZS6RM 291,060-105-924- A-  
 ZS6FN 133,560-105-424- A-  
  
*Tanganyika*  
 5H3KJ 593,020-149-1367- A- VS6AJ 32,800- 50-221- B-  
  
*Nigeria*  
 5N2AAF 476,898-122-1303- A- VU2DKZ 146,664- 84-582- A-96  
 5N2ABK 63,552- 64-332- A- VU2MSK 46,359- 51-303- A-  
  
*Niger Republic*  
 ZC4CN 236,208-111-710- B-  
  
*Israel*  
 5U7AL 149,682-101-494- B- 4Z4HF 414,597-113-1223- B-  
  
*Lesotho*  
 7P8AR 1,005,993-159-2109- A- W2PDG/4X 1414- 14- 35- B- 6  
  
*Ghana*  
 9G1KT 21,978- 54-136- A-11 9M2PO 66,864- 56-398- A-  
  
*West Malaysia*

**Turkoman**

1898- 13- 51- B-  
*Uzbek*  
 1989- 13- 51- B-  
  
*Tadzhik*  
 Tadzhik (3 oprs.) 432- 9- 16- B-  
  
*Hong Kong*  
 VS6AJ 32,800- 50-221- B-  
  
*India*  
 VU2DKZ 146,664- 84-582- A-96  
 VU2MSK 46,359- 51-303- A-  
  
*Cyprus*  
 ZC4CN 236,208-111-710- B-  
  
*Niger Republic*  
 ZC4CN 236,208-111-710- B-

**Spain**

F3KW 1,382,400-180-2560- B-  
 F2SI 915,705-153-1995- A-  
 F8SUM 172,530- 90-639- A-  
 F9NL 34,404- 47-244- A-  
 F2JE 31,443- 47-223- A-  
 F9RM 24,957- 59-141- A-  
 F9DA 13,386- 46- 97- A-35  
 F9KF 12,210- 37-110- B-  
 F3JJ 3864- 28- 46- B-  
 F5BV/P 3360- 28- 40- B-  
 F9FC 2451- 19- 43- A- 5  
 F5OJ (4 oprs.) 581,048-151-1285- A-

*France*

G4JZ 1,107,540-180-2051- B-45  
 G3IAR 981,948-172-1903- B-58  
 G6LK 471,546-138-1139- B-  
 G3KMA 336,720-115-976- A-  
 G5AGN/A 101,979- 81-420-AB-  
 G2NH 8787- 29-101- A-  
 GB2SM (16 oprs.) 1,839,786-206-2977- A-96  
 G3WWO (G3s JOC MPN)  
 1,595,700-180-2965- B-76  
 G3SME (G3s SME UQR)  
 1,285,438-187-2292- B-87  
 G3VZT/A (7 oprs.) 1,090,890-170-2139- B-

*England*

GM5AIW 197,085-105-626- A-25  
 GM3CSM 6696- 36- 62- A-

*Wales*

GW3NWV 298,584-132-754- B-

*Switzerland*

HB9UD 54,656- 64-285- B-  
 HB9DX 19,458- 47-138- B-

*Hungary*

HG2KRD 156,468- 52-1003- C-

*Italy*

I1BAF 1,598,148-206-2586- B-49  
 I1CAQ 572,560-136-1405- B-41  
 IIRIZ 148,148- 91-545- A-30  
 I1BBZ 138,942- 93-499- A-  
 I1LAG 95,634- 69-462- B-10  
 I1VH 3294- 18- 61- A- 1  
 I1CZW (I1s AJ CZW KBY) 728,091-147-1651- B-40

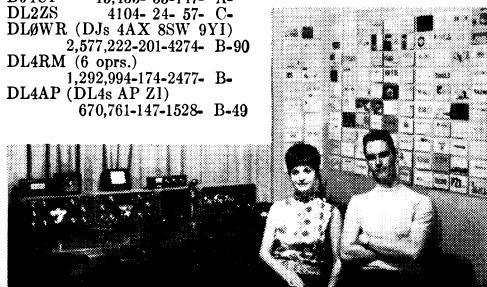
**ASIA**  
*Iran*  
 EP3AM 700,560-140-1668- B-  
*Japan*  
 KA7AB 1,295,364-196-2203- B-  
 JA2JAA 476,136-136-1167-AC-  
 JA1INDO 401,220-135-093- A-26  
 JA1CG 356,451-131-907- A-  
 KA2JP 297,540-114-870- B-19  
 JA1DXE 72,833-117-783- A-  
 JA1BAR 265,734-114-777- C-  
 JA6ATY 212,872- 88-809- A-  
 JA3LGG 203,391- 93-729- A-35  
 JA1MML 152,500-100-510- A-  
 KA5MC 137,214- 54-847- C-11  
 JA3ERN 117,087- 93-422- A-31  
 KA2HC 72,171- 81-297- C-  
 JA3CXN 56,791- 49-387- A-  
 JA6AFL 50,976- 59-288- A-73  
 JA3GZN 43,120- 40-360- B-  
 JA1BAL 23,127- 39-198- A-  
 JA8AHM 17,424- 44-132- A-  
 JH1GMZ 13,311- 29-153- A-  
 JA4ERX 6780- 20-113- A-18  
 JA1DFQ 3600- 15- 80- A-  
 JA5CBI 528- 8- 22- A-  
 JH1DYL 504- 8- 21- A- 5  
 JA3OUV 264- 6- 15- A- 4  
 JA2DCI 255- 5- 17- A-  
 JA1AAT 231- 7- 11- A-  
 JA2ITH 190- 5- 13- A-  
 JA3ADW 108- 3- 12- A-  
 JA4YBV 18- 2- 3- A-  
 KA9MF (6 oprs.) 1,190,700-180-2205-AC-80  
*Asiatic Russian S.F.S.R.*  
 UA9FU 20,790- 42-167- B-  
 UA9KHA 1008- 14- 24- B-

**EUROPE**

*Portugal*  
 CT1BH 1,039,248-168-2062- C-  
 CT1MW 864,149-143-2017- A-44  
 CT1LN 726,773-173-1401- A-  
  
*Germany*  
 CT1BH 1,039,248-168-2062- C-  
 CT1MW 864,149-143-2017- A-44  
 CT1LN 726,773-173-1401- A-

DJ6QT 1,872,000-208-3000- B-55  
 DJ5BV 1,613,040-208-2585- B-67  
 DL4EG 1,129,089-169-2227- C-53  
 DJ5GI 379,730-127-997- C-  
 DL1LK 355,272-131-904- B-  
 DL1DK 378,103-119-779- B-11  
 DL9LJ 235,872-112-702- B-  
 DL6WE 154,300-100-517- A-  
 DJ5IH 145,425- 75-649- B-  
 DL5JX 137,400-100-458- B-  
 DL1DH 111,909- 73-511- B-  
 DL9FM 75,735- 51-499- A-  
 DJ8EM 36,855- 65-189- B-  
 DJ1IP 22,680- 42-180- B-  
 DJ4UF 15,435- 35-147- A-  
 DL2ZS 4104- 24- 57- C-  
 DL9WR (DJs 4AX 8SW 9YI)  
 2,577,222-201-4274- B-90  
 DL4RM (6 oprs.) 1,292,994-174-2477- B-  
 DL4AP (DL4s AP ZI)  
 670,761-147-1528- B-49

**His initials are JAP, his XYL's name is JAN, and he's JAW—**W5JAW**, that is, and a potent performer on both modes. After almost ten years of inactivity, Jim saluted away STex honors on A1 (999K) and A3 (723K), and was West Gulf Division champ on c.w.**





Participating for the first time in an ARRL DX Test, **WA4LMD** scored 539K in 59 hours of phonesmanship. Antennas were as spiffy as this console: a 4L quad up 75' and a 300-feet-per-leg rhombic. Fred got kind of pooped during the bawl, would like to see a compulsory rest-period added to the rules.

**Norway** OH5VT 7998- 31- 87- B-  
LA0AD 1,151,280-180-2132- A-80 OH3NY 7068- 31- 76- B-  
LA3QG 113,004- 86-438- A- OH3XZ 5382- 26- 69-AB-  
LA4ZB 28,560- 34-280- A-16 OH5UX 3036- 22- 46- B-  
LA3K 8700- 29-100- A-40 OH5SM (7 oprs.) 2,259,912-191-3944- B-  
LA4LG 5880- 28- 70- A- 4  
LA6U 3402- 27- 42- A-  
LA4AF 3000- 25- 40- A-  
**Czechoslovakia**

**Bulgaria** OK1MP 197,094-107-614- B-  
LZ2KKZ 5475- 25- 73- B- OH1AHZ 40,002- 59-230- B-  
LZIKSA 3- 1- 1- B- 1 OK2BEN 20,202- 37-182- B-  
OK2ABU 7922- 34- 81- B-  
OK2WCG 7425- 25- 99- A-  
OK2DB 2160- 16- 45- B-

**Austria** **Belgium**

OE2EGL 1,296,126-191-2262- A-  
OE3GSA 390,439-119-1094- B-  
**Finland** ON4ZU 541,008-136-1326- B-  
ON4XG 401,625-125-1071- B-32  
ON5GF 271,795- 95-954- B-  
ON4NM 23,520- 35-224- A-  
**Denmark**

**Haifa's W2PDG/4X** faced the perennial problem of W/VE ops trying to gain the attention of Statesiders with their slant-DX callsigns. Barry doesn't look too disturbed, however.



**Sweden** SM5EAC 681,750-150-1515- B- YO3ZM 108- 3- 12- A-  
SM6AEK 579,348-154-1254- B-34 I.T.U. Geneva  
SM4CMG 511,488-148-1152- B-25 4U1ITU (4 oprs.) 859,908-174-1652- C-

**NORTH AMERICA**  
SM5ZZ 447,678-154-969- B-  
SM7BKZ 172,563- 97-593- B-  
SM6CMK 90,210- 97-310- B-  
SM6CKU 56,880- 80-237- B-  
SM5BPJ 51,192- 72-238- B- 6 CO8RA 534,534-154-1157- A-  
SM1CJV 39,336- 44-298- B- Dominican Republic  
SM4DPB 18,240- 48-127- B- HI8LC 703,890-165-1422- B-  
SM9CBR 11,340- 45- 84- B- HI8IBC 31,270- 53- 198- A-  
SM5BKY 7560- 24-105- B- SM6CAS (9 oprs.) Panama  
SM6CAS 511,488-148-1152- B-25 2,091,300-190-3670- B-96 HP1JC 1,362,753-223-2037-AB-  
SM5DTM (SMs 5FC 6LDLL) 34,344- 53-216- B- Alaska  
Poland KL7GAC 562,374-157-1194-BC-45  
SP5AKG 158,166-101-522- B- KL7EPR 88,578- 57- 518- A-12  
Crete KL7AIZ (multiopr.) 1,437,450-185-2590-AC-  
**Puerto Rico**

SV9WL 798,790-151-1767- C- Iceland KP4DBJ 429,312-128-1118- B-13  
TF2WKS 2628- 18- 49- A- KP4CSW 318,340-110- 966- C-28  
European Russian S.F.S.R. KP4DBU (2 oprs.) 60,544- 43- 470- A-18  
UA3HO 258,000-100-860- B-29  
UA1CS 25,398- 51-166- B- Virgin Islands  
UV3TP 6786- 26- 87- A- KV4AM 1,420,440-178-2661- C-60  
UA3KBO (UA3-27308, DM2BOG) 1,091,840-160-2275- B- KV4EY 539,856-163-1104- C-31  
UA4KHW (2 oprs.) Canal Zone  
113,022- 69-551- B-31 KZ5NF 1,037,160-172-2010- C-41  
UA3KND (3 oprs.) 30,960- 60-172- B- KZ5EH 75,276- 51- 492- A- 8  
UA1KBB (2 oprs.) Guatemala  
6,840- 20-119- B- 6 TG9UZ 157,752- 56- 939- B-16



YLs and New Hampshire stations are about equally scarce in a DX contest. We present both in one package: Mary, **WA1DZX**, active in the phone section. A phased vertical on 40 and a 60-foot shunt-fed tower on 80 helped low-band radiation immensely.

**Kalininogradsk** VP2AC 579,912-146-1324- B-28  
UA2KBD (6 oprs.) 213,303- 97-733- B- Bahama Islands  
PA0XPQ 956,550-175-1832- A-50 Ukraine VP7NA (K4IIIF, opr.) 577,638-171-1126- A-  
PA9FE (PA0HBO, opr.) 735,969-167-1469- B- UB5WF 124,950- 50-833- B- Bermuda Islands  
PA9QT 157,878- 98-537- C- UB5KAW 33,825- 55-205- B- VP9GB 2067- 13- 54- Mexico  
PA0LOU 123,210- 90-458- A- 9 UB5FG 6864- 22-104- A- XE1AE 2,039,688-252-2608- C-  
PA0TWX 99,450- 50-663- A- UBSSJ 3078- 19- 54- A- XE0LDD 43,542- 50- 246- A-12  
PA0SCH 50,589- 77-219- A- UB5KTF (2 oprs.) 11,259- 27-139- A- XE2PTBC (15 oprs.) 4,701,870-267-5870- C-96  
Netherlands White Russian S.S.R. XE1AC (XE1AC GGW OOL) 2,994,179-251-3977- B-  
PA0XPK 956,550-175-1832- A-50 6402- 22- 97- A- UP2OV 50,046- 38-439- A- YN1TP 107,019- 69- 517- A-40  
PA0XPK 956,550-175-1832- A-50 Lithuania Salvador  
PA0XPK 956,550-175-1832- A-50 Estonia YS1XEE 2,721,888-208-4362- B-44  
PA0XPK 956,550-175-1832- A-50 UR2KBG 11,004- 28-131- A- (Continued on page 173)

# ARRL DX Competition

(Continued from page 76)

## Barbados

WA3DVO/8P6  
20,943- 39- 179- A- 4

## OCEANIA

### Philippine Islands

DU1FH 807,884-154-1754- C-

### French Oceania

FO8BS 46,055- 61- 252- C-

### Guam

K0ILI/KG6  
549,582-121-1514- C-

KG6AAV (K8RXD, W6EIF,  
WB6WIG)  
193,050- 90- 715- C-

### Hawaiian Islands

KH6IJ 3,799,962-246-5149- C-71

KH6BZF 1,654,209-197-2799- C-

KH6GJW 423,330-137-1030- B-14

KH6GLJ 240,786- 98- 819- B- 7

KH6GCF (K2SIL, KH6GLZ)  
212,976-102- 696- C- 5

### Marshall Islands

KX6FJ 43,218- 49- 294- C-

KX6DC (WB2SXF, opr.)  
12,771- 33- 129- C-

### Australia

VK2APK 1,132,950-182-2075- A-

VK3ATN 1,074,780-210-1708- B-25

VK3AXK 270,072-121- 744- A-42

VK4JE 188,340- 86- 730- A-

VK4FH 105,444- 87- 404- A-39

VK3QV 104,331- 83- 419- A-11

VK5WO 33,264- 48- 231- B-

VK3SM 11,523- 23- 167- B-

VK2FU (VK2s BKM FU)  
2,269,716-219-3455- B-88

VK2AND (multiopr.)  
186,888-104- 599- A-17

### Territory of New Guinea

VK9GN 655,860-170-1286- B-

*Check logs. CW: W2s EGI MLO, W4s JUK ZNI, WA5PPZ, W6EYR, W8FEM, VE2PJ, VE3ATF, CX1JM, DJ2RE, DM2s AMF AND BBF BJD, DM3TEA, DM6MAO, F2SQ, F6ACC, GM3CSM, HA2RB, HA5FA, HA8UY, LA2MA/MM, LU4DMG, OH5s RZ UQ, OK1US, OK2s BCH BCI BIP KNN OV, OZ7ON, PA0WAD, PZ1CQ, SM3CJD, SM5BXT, SM6s AVD BZE DHU, SM7DMT SM0GM, SP5CJU, UW6BK, VK3XB, YU1KA, ZL1TZ, ZS6AG, UG6-004-1. Phone: W1s BGJ DO, W2EGI, K2SWT, WA2VSO, W3s JGM MDJ, W4s CGW DGY EWR RNC, K4TBN, W5s BUK CIO/5 FFW, W6s CFG OJW PDF, W7GGO, K9LET, WA9RKI, W9UAZ/4, VE3BDB, W8ILH/VE6, VE7s AIS AJ NH, DJ2RE, F5PW, G2AJB, LA8EJ, LU4DMG, OH5UQ, PY2GC, SL2ZI, SM2COR, SM5BFE DQG GA, SM6DHU, SM7CSN, VK3s KS XB, YU3RS 780, SWL-A-5489.*

**QST**

## IMPORTANT NOTICE

### Changes of Address

Important postal changes in handling second-class mail matter are now in effect. Please advise us *direct* of any change of address. Four weeks notice is required to effect change of address. When notifying please give old as well as new address *and your zip code*. Your promptness will help you, the postal service and us. Thanks.