

RESULTS ARRL International DX Competition

COMPILED BY ELLEN WHITE,* W1YYM

RECAPPING the 1966 ARRL International DX Competition, of the second and fourth weekends of February and March, highlights the poor second weekend c.w. conditions and the tremendous 10-meter phone opening the March 12-13 weekend. Once again entries show the result of generally improved conditions, with 1811 logs received, both modes, from W/VE and DX stations in 121 countries, up 6.5% from 1965.

After compiling the myriad bits and pieces that make up this report there seems hardly anything else left to say! Comments and suggestions from hundreds of participants this year, however, paved the way for the changes that will take place in the 1967 Test. Let's get word of the following changes around, particularly to the DX stations you regularly work. For 1967: the first and third weekends of February and March will be the dates, KH6 and KL7 stations will count as DX, no quota for either phone or c.w. W/VE stations, multipliers for DX stations will change from "call areas" to the 48 continental United States plus VO and VE1-VE8, and a handsome plaque will be presented to the highest single operator phone and c.w. DX station in each continent.

This year's certificate awards are scheduled for October 14 mailing.

* Asst. Communications Mgr., ARRL.

1967 ARRL DX COMPETITION

Phone: February 4-5, March 4-5

C.W.: February 18-19, March 18-19

The Clubs

It was another big year for the competitive-minded club group. The gavel-winning Frankford Radio Club wound up with an incredible 18,668,219 points, almost 9 million ahead of their 1965 mark. In addition to their savvy single operators, about 5.6 million points of their aggregate is due to some first-rate multioperator performances. Although the Potomac Valley Radio Club had six fewer entries than their previous DX Competition effort, they scored four and a half million more points, a rough 300-K/member! The Northern California DX Club turned to, taking third place well ahead of the balance of the pack reaching for that five-million mark. On c.w., K6ERV was keyed by W6BHY while K6ERV did the honors himself on phone. The Niagara Frontier DX Association did not compete as a group in the 1965 Test but did this year for two million points, c.w. award to K2GXI and phone to W2SSC. Other fine gains were registered by the Rochester DX Association almost doubling their previous effort and the Connecticut Wireless Association almost quadrupling last year's score.

Your club's score didn't appear? The basic requirements for appearing in this club tabulation are: your club must be an ARRL-affiliate, we must receive a "secretary's letter" itemizing your club activity in this competition, and we must receive the indicated logs as entries in the competition.

SOAPBOX

"I hereby retire my aspirin bottle, coffee cup and extra-large ashtray till the phone test next year." — K5JCT. "My first phone contest in 35 years of operating and an enjoyable experience." — W3BIP. "How the mighty have fallen." — W3ECR. "Lots of fun as usual but we have a lot to learn with more than one phone rig going." — W3WJD. "Conditions improving every year. The ten-meter phone opening sparked up the last day's activity." — W3TLN. "I learned that antenna height is a prerequisite in this MDC area." — W3BWZ. "Amazed to work so many stations using 100 watts on phone!" — W3FYS. "More pile-ups on 10 than on 20." — W4SCGE. "Best phone contest in five years." — K3CBW. "On 21 Mc. on March 12, K3EST worked 54 JAs, a BV and an HL9 between 2218-

When it comes to operating, VPSAR (K5LMJ) has that contest "know-how." Tony's c.w. score of almost 400-K includes 1852 contacts in 30 hours while his phone 40-hour endeavor totalled close to 1700 two-ways for over 360-K.

QST for

From October 1966 QST © ARRL



2335Z. It was bedlam!" — **W3MSK**. "Worked a 9V1 for phone DXCC #305." — **WA2IZS**. "My first DX test and I worked 43 new ones." — **WB2QYO**. "Nicest phone surprises were working the Falklands on 10; and on 40, after a long struggle attempting to read a weak one, found it to be EP3AM. Good to be back after a 3-year absence." — **K2GXI**. "Really tickled to make WAC on 15 phone. Next year we plan an all-out effort on 15 phone to make the box score or bust!" — **W2TAB**. "There is room here for improvement on a few small items such as transmitter, receiver, transceive capability, TVI reduction, antennas, kids (3), wanting to sit on my lap simultaneously while I'm operating, scheduling of out-of-town relatives on contest weekend, and XYL tolerance of ham radio in general and contesting in particular. It must be terrible to become so good, so well-organized, and equipped, that you become stagnant." — **K3KMO**.

"WOW!" — **KJCT**. "I changed bands 51 times. Next year at least one more final." — **W3MWC**. "Picked up a number of new c.w. countries with just a wire, half hanging out of a window and the other half indoors." — **W3CBF**. "Kudos to ZD8AR for making so many contacts in those fantastic pileups and to HA1KSA who seems to have the best receiver and/or ears in Europe." — **WA2KZV/3**. "This 2-transmitter stuff is interesting. With luck, next year we'll have 3 c.w. stations going." — **W3WJD**. "Who says I don't know the code." — **W3EGR**. "New logging system is fine." — **W3GRF**. "The use of a second receiver proved a boon in pileups." — **W3AFM**. "Please, please, please exhort the DX to send the call of the station being worked at the end of the transmission on 40 and 80. Strong locals and long callers clobber the first part of the transmission." — **K2DCA**. "Nice surprise on 80 c.w. working KM6CE VK2EO and 7G1A on the first call." — **WA2UJM**. "Wasted a lot of time listening to T-5/T-8C calls only to find they were U. S. stations." — **WA2GHW**. "You QRX while the guy works 30 stations in a row without signing his call. Then comes the call and you worked him before. This is what happiness is NOT!" — **W2QQ**. "Hooray for the new reporting format." — **W3LOE**.

"The 6-element beam up 70 feet really made a difference." — **WA9HJM**. "Many stations missed out on that 10-meter phone opening." — **K9PPX**. "Hope I'll be able to enter for another 50 years." — **W9EWC**. "Transceivers a problem." — **W9GIL**. "The bands were sure dead Monday." — **W9YT**.

"Congratulations to WB2PXX/VP9 for all of his operating time signing a call like that *every* QSO." — **W9IRH**. "The excellent operating abilities of most DX stations continue to amaze me." — **W9FNX**. "We have a beagle dog named Fonzo. He is only 5 months old and got into everything. He would jump on the desk and lick our faces, sit on our hand or on the bug . . . take a nap on our lap while we tried to operate or sleep on top of us while we tried to catnap." — **K9OTB**. "15 meters and South America saved the day." — **K9VQK**. "My last and best effort from W9. Hope to have a bigger and better setup next year from W4." — **W9QYW**. "Next year I'll be in from Florida as W4JDR with those big quads back in operation." — **W9ICD**. "The DX test and University tests don't mix, as I found out Monday morning." — **K9ZMS**, *opr. W9YT*.

"My 100 watts the first half did as well as 500 watts the 2nd weekend." — **WA0HWZ**. "Phone courtesy far superior to last year." — **W0RRW**. "Surprised at the number of W6s who think they are W6s when the DX called 0s only, hi! Glad to hand out the South Dakota multiplier." — **K0CER**.

From top to bottom an array of the world's classiest contest pros: **HK0AI** topping the six-hundred thousand mark and close to 3000 code exchanges; **VK2EO** (keyed by **W9WNV/VK2ADY**) in a fabulous performance for Oceania and the best dupe sheet kept by anyone in the test (well over 600-K for 78 hours); **CR6AI** top c.w. in Angola, over 220-K points in a 4-band operation (John's antennas include 3-element arrays for 14-21-28 Mc., plus a dipole for 40); **YV1DP** with almost 3000 exchanges for 629-K c.w. points (Gregorio uses a trap beam and vertical).



"Why don't we have us 15 c.w. other than contest times?" — *W40MKB*, *opr. W0YC*. "Phone weekends superior to c.w. Best operators ZD8AR HK3RQ PY2SO CP5EZ HK0AI VP5AR and KG4CX. A salute to a fine gentleman, W0BLZ." — *K0CER*.

"My first 15-meter phone contact was XW8AZ, long path, exemplifying the great openings on both 15 and 10. Old 20 should be getting a much needed rest now." — *W5AJY*. "I worked hard and it paid off, I enjoyed every minute." — *W5KC*. "My country #100, 7G1A." — *W4EAM*. "Being a math major I have come up with a new formula. The proof is obvious, just ask anyone after the DX test (people with shiny new equipment disregard). $Lt + Oa + W = P$. Little time, plus old age, plus hurricane weather equals PHFFFF (low score)." — *K5MDX*.

"This contest is still the high point of the year." — *W5GFT*. "W5CKY too tough! Just wait till next year!" — *K5RFJ*. "The XYL made me paint the house the 2nd weekend." — *W4EHC*.

"I hope I've put Kentucky on the ham map." — *W4BCV*. "Imagine what conditions will be like next year." —

W3TWA/8. (Haaaalp — *W1YYM*) "JA1DSW completed my 75-meter s.s.b. WAC." — *W8DGP*. "The contest provided hours of pure enjoyment plus a chance to check equipment and antennas under heavy competition." — *K8OVK*. "Made DXCC for the first time in a contest." — *W8NGO*. "Worked my first VK on 40 phone." — *K8AXG*. "Boy am I tired." — *W48LEO*.

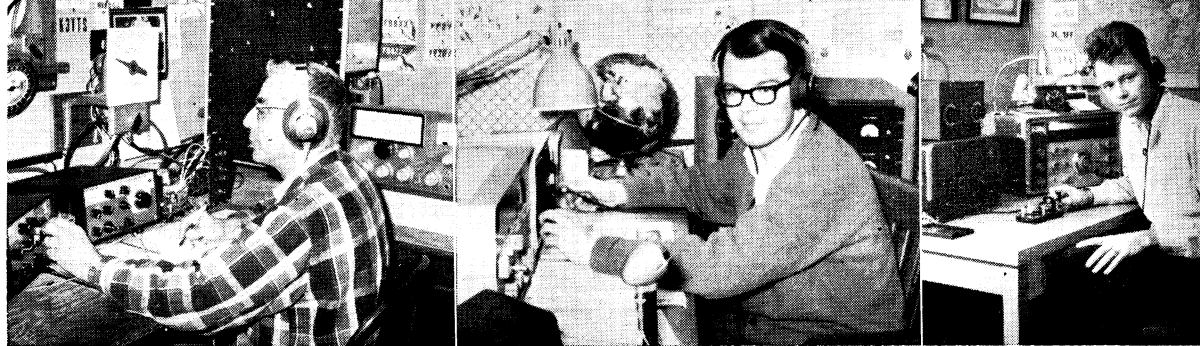
"For the first time in ten years I didn't work or even hear G4CP or JA1VX. I hope their absence is only temporary because I consider them tops in the class when it comes to contest operating." — *W8UCI*.

"Best multiplier yet on 80." — *W8FGX*. "Biggest thrill was beating out the west coast to KM6CE on 7 Mc." — *W4SDXA*. "My log will give you a little practice before W8FGX's arrives. What an operator he is!" — *W8GQU*. "Once in a big pile-up on KG6IG on 20, CR4BB called CQ Test zero beat. You can imagine the chaos that followed." — *W48MQE*. "Merely listening is an interesting experience and something of an education in propagation, etc." — *W8AJW*.

"Our friends to the south fielded the 10-meter calls in

Minimum Number of Countries						Minimum Number of Countries						Minimum Number of Countries						Minimum Number of Countries					
30 50 80 60 15						30 50 80 60 15						30 50 80 60 15						30 50 80 60 15					
Band	80	40	20	15	10	Band	80	40	20	15	10	Band	80	40	20	15	10	Band	80	40	20	15	10
W1AW*	37			61		W2OJD	36	50	83	64	27	W4BFA	37	57	91	68	21	K6KA					18
W1BGD	35			62		W2PCJ	43	72	106		19	W4BGO	55	56		64	21	W6KTW					21
W1BIH	31			62		K2QLL					18	W4BRB	39			64	22	W6LDD					17
W1BPW	53	83	102	85	21	W2QKJ					16	W4BVV*	83	92	129	100	37	W6NIX					20
K1CDN				92	65	W2RFT				86	20	W4BYB		74				K6OHJ					17
K1DIR	50	67	102	67	26	W2SSC				96		K4CG				23		W6ONZ			95		
W1ECH	37	56		70	23	W2SUC					22	W4CGA				17		W6RW*	50	102	124	72	27
W1EOB	36			92		W2UJM		50		60		W4DVT	52					W6UJ					19
W1EVT	63	83	96	70	28	W2VJN	40	63	102	80	28	W4DXI	30		81	62	29	W6ULS		51			
W1FJJ	53			80	66	W2ZKQ			103			K4EZ	37		90	65	16	W6UMI*			84		18
W1GOH					18	W3AFM			121			W4HOS				65	22	W6WX	33	50	86		20
W1JYH	45	63	101	84	20	W3BES	44	66	101	82	31	W4HUE	37	63		72	32	W7SFA			89		
K1LPL	54	55				W3BGN*	61	68	109	91	32	W4IKU	42			18		W8CJN		50			
W1MO					19	W3BIP	43	52		26		W4KFC	61	83	107	89	36	W8DUS*					15
K1RQE				88	71	W3ECR*	36		86	29		W4QXV*	77	86	129	98	31	W8DXA					15
W1SWX	53					W3EKN	42		84	75	28	W4LHW				15		W8FGX	48	77	96	76	31
W1UUK				84		W3EPT*	46	62	88	67	27	K4OA			80			W8GQU					
W1WLZ	55					W3EQA				23					60	15		W8KMD					
W1WPO			120			W3GHM	47		81	21						18		W8UM*	49	62	104	66	18
W1WY		38				W3GHS*	36		80	69	25							K8UDJ*			86	60	15
K1YKT	39					W3GRF	62		96	77	34				101			W8VSK		85			74
K1ZND					23	W3GRS	39		97	32	17							W8ZCQ			91		
K1ZVU		56	101	67		W3HHA	40					R1YLB		87	66	24		W8ZJM	32	54			
K2AJA		53				W3HHK	36		82	70	24	W4ZYQ		85	89			W9EWC	38	69	89	69	22
W2APG	61	67	88	68	26	K3JCT	35	71	102	81	29	K5ABV				27		W9GIL			90	61	
W2AYJ		51				W3KDF			55		26	W5BRR	33			81	25	W9ICD					19
W2BBLV*	36	62	94			W3KFQ		54	89	64	15	K5BXG				16		W9IOF	38	82	105	86	16
K2CHQ	40	56			25	K3KMO			81			W5CKY	34	60	80	62	30	W9IRH				61	
W2CKS	51	74	93	19		W3KT			83			K5JVF		58				W9KMN	30				
W2CZZ			95	78	23	W3LOE	56	79	103	77	30	K5JZY				63	31	W9LKI					18
K2DCA	46	64	97	71	33	K3MBF*	51	60	107	64		W5KC				65	22	K9OTB*	30				
K2DGT	52	65	81	60	21	W3MCG	31	58		61	19	W5LJT				62		W9QYW					
W2GGE	35	58	89	80	24	W3MFJ			80	64		W5LUJ				21		W9SCZ			85		
W2GGL	32					W3MFW	60	71	85	75	31	W5MUJ				70	22	W9VZP					15
W2GKZ			81	62	20	W3MSK*	82	104	129	109	42	W5OGS				85		W9FDL					16
W2HO		61	82			W3MSR			96	68		K5RFJ		50		73	22	W9IYH			109		
W2HSZ					20	W3MYB			55		17	W5WQN		52				W9OAW					15
W2HUV			83			W3MWC	42	70	91	75	29	W5ZD				16		VE1RB		50	81	63	19
W2HZY		58				K3NHL	44	63	96	80	25	W6ANN*		54			22	VE1ZZ		79			
W2IRV				66	20	W3NOH		51	91	74	18	W6CEP				16		VE2NV		53		80	18
W2KHT				15		W3QQL				61	25	K6ERV	32			101		VE2WA			81		
W2LXK	35	68			67	W3VEQ				73		W6GRX				83							
W2MEL	39		86	69	14	W3WJD*	80	88	114	99	35	W6HOC				91							
W2MFX	46	67	85	68	23	W3WPG*	55	72	104	79	19	K6HOR					15						
W2NEP					17	W4BCV		58			16	W6ITA	38	70	102		24						

* Multi-operator Station.



Contest regulars (L-R) Washington's **W7MX** participating in both modes, **W1BPW** edged out of the E. Mass. c.w. award in one of the closest battles this test and **K5ABV** one of the c.w. So. Texas competitors.

fine style." — **WA2OJD**. "I never knew there were so many DLs!" — **WB2MDH**. "Fine phone activity," — **W2WZ**. "A special award should go to the XYs of contest operators for their help and patience in putting up with those lost weekends." — **K2DGT**. "No laughs at my low score, it took me 30 years to get around to entering one of these contests!" — **W2KJR**. "Much impressed with increasing phone activity this year. **W2VCZ** had to be off on a space shot the second weekend and decided to leave his effort as is." — **K2HLB**. "Don't know how many OOTs do this anymore. I've been in almost every DX contest and still get a kick out of it. That Sunday opening on 10 phone was a real thrill." — **W2IUV**.

"Could improve my c.w. score if I gave up the corn cob." — **W2MEL**. "Murphy's Law never fails." — **W2HO**. "My only claim to glory in this one was a good start (**CR9AH**) and a good finish (**KG6IG**)." — **W2RFT**. "This may be the last big year for 80." — **WA2HLH**. "Have you noticed how the number of 7 Mc. countries seems to closely follow the number of 21 Mc. countries in every multiband contest over the years?" — **K2DGT**. "Biggest c.w. thrill was working **VK2GW** on 80 at 1000Z. Enjoyed working **PJ5ME** on 10-80." — **WB2FON**. "Uugggh." — **WA2EFN**. "With the same equipment I can't figure out why my score keeps going up and shows no signs of leveling off." — **W2HUG**. "Terrific to see ten open and also have eighty in fine shape." — **W2NEP**.

"First DX Contest in 30 years of operating. Next year Kansas will kill 'em." — **W0YUQ**. "Hard to work through the east and west coast on 20 phone." — **W0GNX**. "After section awards in other contest, I thought I would give this one a try. Whew, what a shock! The competition in this one makes the SS and FD seem like child's play. The best contest I've ever been in." — **K0SCM**.

"New forms a real help." — **W0FDL**. "Best op. PY1-MCC, best signal **ZD8AR** on 40." — **W0EMA**, *opr.* **W0YI**. "Biggest thrill on c.w. was working **OD5LX** for a new country and have him say **FIRST KANSAS-FIRST KANSAS**, pse **QSL!** Two CR4s in one hour—unbelievable." — **K0BHM**.

"Never again a phone contest without something better than dipoles." — **W1BGD**. "Sick most of the 2nd phone weekend. Hats off to Roger, **W1JYH**." — **K1HVV**. "Never worked so many new countries in such a short time." — **WA1EOX**. "Good opportunity to check on the effectiveness and characteristics of my groundplane as conditions changed by the hour." — **W1TKG**. "Best signal overall; **KP4CKU** 7 Mc., **VP2KJ** 28 Mc. There should be a special award for **VP2KR** with 30 watts on 40 phone." — **W1BVP**. "My first contest and I had a wonderful time, see you again in 1967." — **K1OBT**. "A great opening on ten phone the last Sunday afternoon and it seemed as if every single W was on, with only about 20 DX stations to go around." — **WA6OJM**, *opr.* **K1CTQ**.

"Best c.w. QSO was long-path with **FB8WW**." — **K1ZVU**. "Worked **JT1AG** on 20, but never heard a JA." — **W1ECH**. "First weekend conditions fantastic. Hard to leave that 250-K score as is for the **PJ5ME** stint." — **W1BGD**. "Conditions on the whole good, although 15 c.w. disappointing the second weekend." — **W1WY**. "Gad, almost dropped my teeth when I heard **5A3TX** for the first real east-west opening on 10. **CR4BB** absolutely pinned the meter up there." — **K1ZND**. "My first compe-

titution and I must say that the spirit of competitiveness is not realized fully until one actually participates in such a test. WOW!" — **WA1APY**. "World's best contest, bar none." — **W1EVT**. "E. Mass. competition is getting to be like down W3-way. It makes for great fun competing with local friends." — **K1DIR**. "Spent more time on top of the tower than in the station" — **K1CDN**. "**ZD8AR** must be the DX version of **W3MSK**. Conditions unbelievably good on all bands." — **K1YKT**. "Quite a change from the First Trans-Atlantic Test back in the spark days. Anyway it is just as interesting but a bit more QRM, hi!" — **W1BQL**. "A bout with mononucleosis kept me at home instead of on a DX trip to Bermuda." — **W1NJL**. "Conditions in the first section poor for 160, the second section — WORSE!" — **W1BB**. "Biggest thrill, the VKs on 40." — **W7UXP/1**. "Forty was the bomb. EU very loud from just before sunset and **VK2EO** audible here four hours after sunrise!" — **WA6OJM**, *opr.* **K1CTQ**. "Hope to see more Vermont activity in 1967." — **W1WTE**. "Drove 600 miles for this one." — **W1AYK**.

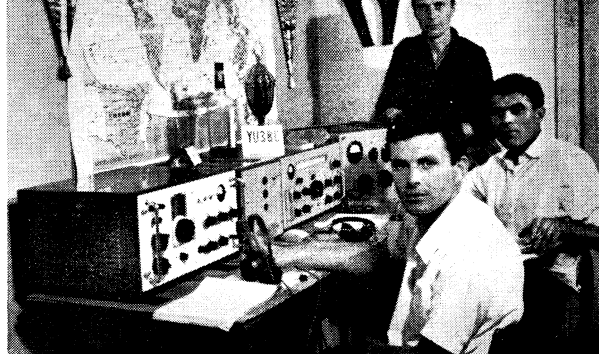
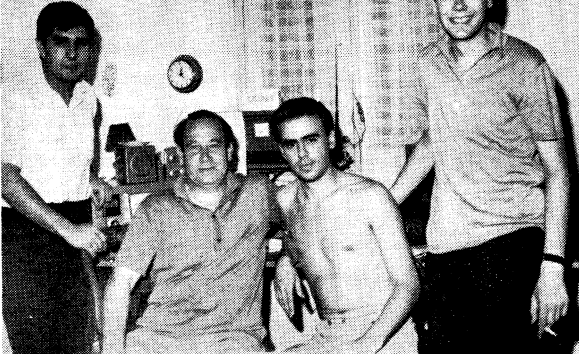
"Excellent conditions here in the Aleutians during the 2nd weekend. Good timing — immediately following this, conditions were unbelievably poor." — **K17FMM**. "What a mess!" — **WA7ABW**. "Not in the contest for a high score, just looking for #298, 299, 300 — then sanity." — **W7DLR**. "OH2AM and **DJ6QT** were 40 db. over 9 here on 40 meters and I couldn't touch them. The ten-meter opening on the last day was tremendous." — **K7UDV/7**. "My new 5-L 20-meter homebrew beam on a 48-foot boom up 100 hundred feet works like a bomb." — **K7VAL**. "Good openings to Europe on 20 the last day of the test and a total of 19 new countries worked!" — **K7YDZ**.

"I'll never know how **FL8RA** popped through all that QRM, my rarest DX to date." — **K17FMM**. "Amazed at the lack of Oregon competition — quite a change from my Los Angeles QTH." — **WA7ANB/WA6AYU**. "A real feeling of competition, seldom found in other contests. My greatest thrill was working **H18XAL** on 7 Mc." — **WA7CGR**. "Transceivers not flexible enough for c.w." — **W7ACC/7**. "Getting too old for this sort of thing and don't know if I can last through another." — **W7MX**. "Standing in line behind the high-powered stations cooled

TOP TEN W/VE High Scorers

Under 150 Watts Only

C.W.	Phone
VE2NV.....353,292	W8LXU.....98,640
W4BRB.....316,707	WA9HJM.....97,536
K2QLL.....200,208	WA8MCR.....67,980
K1ZND.....181,608	VE3BHS.....63,012
WB2CON.....142,760	W8ECA.....51,030
W4WYJ.....136,431	K4KZZ.....46,800
W2HUG.....130,824	WA5LOB.....41,612
WB2FIT.....114,432	W1EJE.....34,272
WA4CGA.....99,000	W3BYX.....33,441
W3ISE.....97,104	VE3DAM.....32,550



On the left, the crew manning **LUTIDAY** during the c.w. portion of the test for a resounding 585-K (L-R, LU8s DLG DAY DQ DKG). This contest-minded group feels any idea of shortening the affair is nothing less than criminal! An interesting sidelight, three of the operators celebrated birthdays during the test! **YU3BC** (seated YU3s LC LB and standing YU3BC) presented a flawlessly typed log recording an impeccable 66-hour performance. Station equipment included a homebrew transceiver plus separate receiver, the antenna in use was a Vee.

my final score considerably." — **W47BDF**.

"I would like to see Hawaii and Alaska as separate from the U. S. and I am in favor of abolishing the quota system on c.w." — **KH6IJ** (See you in the pileups, Nose!) "KH6-KL7 should be DX! Most DX stations are beaming mainland U.S.A. and can't hear Hawaii or Alaska. I expanded my pipeline to include Australia." — **W0PAN/KH6**. "The name of this contest should be the ARRL Annual Frustration Contest. Anyway, mucho fun." — **W46JDT**. "Keep contest two weekends." — **W6WB**. "Only one weekend but FS7RT was worth it." — **W6ZKM**. "Near the end of the contest, KA7AB called me on 15 and said 'Why didn't you answer me? I called you for a half hour on 10!' You guessed it, I needed JA/KA on 10." — **K6OHJ**.

"Is there any truth to the rumor that you contest-checking people spend the rest of the year working with archeologists figuring out hieroglyphics?" — **K6LRN**. "Best 20-meter EU signal as SM6BJM, WOW. Best VK VK2EO (all bands), best GI, GI3OQR on 20." — **W6EOU**. "Trying for 100 on one band but conditions rough. Made 95 which included CR3AD, a new one." — **W6ONZ**. "This year I was determined to break 100-K. I spent almost as much time chasing down man-made QRN as I did operating." — **W46IVM**. "Best time I've had since before joining the Navy." — **WB6PCE**, *opr. K6NCG*. "My best score to date, but still not good enough for SCV." — **W6WX**. "51 band changes in 51 hours. No wonder band-switches wear out!" — **W6CUF**. "Best test in years." — **K6HOR**. "Received the same report as W6AM on 40 from SM1BB, 599. Finally completed WAC on 80, 40 and 15." — **W6KHS**. "Worked 12 new ones to bring my 6-months total to 66. Hard work from this QTH with just 100 watts input. I'm only 14 and my parents thought I was crazy to spend two whole weekends listening to dots and dashes." — **WB6KRW**. "A very rewarding and interesting experience operating a first-class station from a first-class location." — **W8RGG**, *opr. K6OHJ*.

"Best operator, VP5AR." — **W44TLI**. "The phone section was much more strenuous than c.w." — **K4YYL**. "Had to stay close to home to greet the stork." — **K3WUW**, *opr. K4CG*. "Biggest kick was having 10 phone open up." — **W4WBC**.

"Missed my chance to be a millionaire, so near and yet, so far." — **W4KFC**. "One of these contests the real BFA (my XYL) and I will multi-op., but with 4 jr. operators ranging from 2½ year-old-twins to the oldest at 9,

she is too QRL." — **W44KPK**, *opr. W4BFA*. "Don't you feel a pang for WB2PXX/VP9?" — **W4ZSH**. "Looks like I can hold my own on 80, but on all other bands I'm just another Indian." — **W4DVT**. "Pleased to QSO HP1IE and H8XAL on 6 bands, also 9VILP on 5 bands (we missed him on 160)." — **W4BVV**. "This contest gets to be more fun each year. For example, we almost made DXCC on 20 in the first 24 hours. The skill level of the younger operators increases markedly each year." — **W4KXV**. "I was a winner for West Virginia in 1934, how about one more for this year? My vote for the best outstanding signal on 40, 20 and 15 was HK0AI. Best operators were HK0AI, OA4PF and PY2SO." — **W8AZD**.

"My first real effort on sideband." — **K5STL**. "My first experience in the phone scramble. I had a great time." — **W7NPU**.

"CO2BO's '090' sounded like 2-KW." — **K0VFN**. "Largest score I've ever made. A great c.w. contest with bigger pileups than in previous years." — **W7NPU**. "YJ1DL made my 102nd country." — **K7OXB**.

"Worked G2PL again after working him for the first time 30 years ago. He was my first G back in 1936." — **W4CYC**. "Ten meters was terrific for EU. High points: Working GW3NWW 10-80, hearing ZS9G call me on 10 working KW6EJ on 80, ET3AC on 40." — **W44PXP**. "Most fun of any contest ever. Worked 3 new ones and, worked Asians like never before. You can bet I'll be in this one every chance I can get." — **W4FRO**. "We skipped the 2nd weekend in order to begin planning for next year's multioperator station. Our first real try and we found much in need of change. This call is now kaput, hereafter I'm W4ETO (33% shorter on c.w.l.)." — **W44NGO**.

"Great operating practice by ZD8AR." — **W44YDR**. "Stood the strain fairly well for my 70-years young. Had a lot of fun." — **W4HUE**. "Good contest but inadequate foreign participation. Biggest thrill was working two Gs on 160 with my QRP 25-watter. Entered my first ARRL DX Test in 1933 and the pileups get bigger every year." — **W4BGO**. "These were my finest hours." — **W4BRB**. "Could you recommend some pills which would send the XYL on a trip or something?" — **K4RQE**. "Sure enjoyed seeing what I could do with my 40 watts and groundplane against all the KWs and hogs." — **W44SDK**.

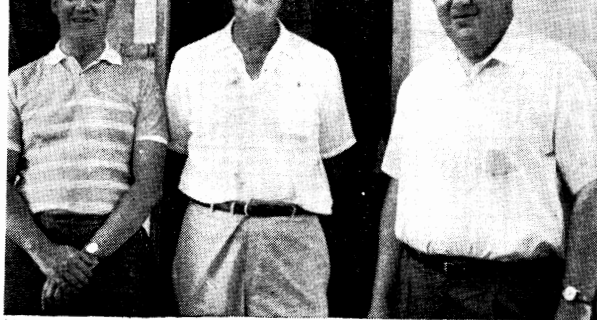
"You sure pulled a boo-boo on your new forms." — **W7ENA** (???????) "Phone conditions above average, particularly the second weekend, making the best phone contest in my experience." — **W6ITA**. "I've never worked a European during a phone contest on any band." — **K6KA**. "Poor conditions to Europe, VP2KY my #300." — **K6JIC**.



W0BLZ has won the South Dakota c.w. competition for 15 of the past 17 years. This year "Duke" used an SX-101, HT-32 and T-Bolt feeding either 4-L on 20, a tribander or phased verticals on 40. (Photo by K0CER)

QST for

1966 QST © ARRL



On the left, three of the four VEs responsible for an almost-half million phone points from the Caymans at **ZF1BP** are (L-R) **VE3RX**, **VE3CJ** and **VE2BK**. Absent from the photo is **VE8AA** a vacationing volunteer reported to be a whiz of an operator averaging 100 QSOs an hour for 6 hours. This is the "line up" responsible for that March c.w. spectacular by **PJ5ME**. (L-R) **W2ADE**, **W9GVZ**, **W1BGD**, **PJ2ME**, **W1TCJ**, **W1DYE**, **W1BIH**. The 48-hour operation averaged 98 QSOs/-hour. Best signals; **VE1ZZ** on 80, **W1EVT** and **WA6SBO** on 40, **W4BGO** on 15 and **W6RW** on 10.

Minimum Number of Countries						Minimum Number of Countries						Minimum Number of Countries						Minimum Number of Countries					
Band						Band						Band						Band					
75	40	20	15	10		75	40	20	15	10		75	40	20	15	10		75	40	20	15	10	
W1AW*				60		W3MVB				19		W5LUJ				27		W8LXU					20
W1BIH				70		W3MWC*				79	20	W5LXX				21		W8MCR					19
K1CSQ				80		K3NHL	36			90	29	W5LZZ				66	23	W8NGO*			93	73	18
W1FJJ					16	K3PSW					16	W5NVY				22		K8TIG*					63
K1HVV				63	17	W3TLN				83	64	W5ODH				62	27	W8TWA/8					21
W1JYH				96	74	K3TPL					71	W5OGS				32		W8WT					19
W1RF				69	17	W3VEQ					78	W5PTG				21		W8WUO					16
W1YRC					25	W3WJD*	49			104	99	K5QMC				18		K8YRN					22
K2CHQ					16	K4AQQ				86	76	K5TLT				28		W9AQW					60
WA2CYQ				68		WA4ARV					74	W6BSY				24		W9EWC					61
W2DAJ				62	24	W4BCV				92	80	K6ERV				35		W9GIL					67
W2EXH				106		W4BFA				83	72	W6GRX/6				29		W9HJM					15
W2FFQ					18	W4BVV				100	80	W6HAE*				29		W9IRH					18
W2GKZ					60	K4CG					20	K6HOR				20		W9JCZ					80
K2GXI	33	53	87	75	26	W4C				8	79	W6L				36		W9PBW*					17
K2HLB				96	61	W4C						W6L				27		W9WQG					70
K2IML					18	W4D						W6L				25		W9YT*					22
WA2IZS				67	22	K4E						W6L				23		K9ZBI					19
K2LWR				99		W4F				86		W6L				29		K9JZV					21
WB2MDH					70	K4KZZ				15		W6L				16		W9ZTD					62
WB2MFX				85	70	K4MSK					18	WB6MZX				18		W9ZCU					74
WA2OJD*				61	21	WA4NGO*				87	80	W6NJU				15		W9DSP*					16
W2PDB					18	WA4PXP	30			81	93	K6OHJ*				31		W9FDL					23
W2QWS				67	21	K4RZK					86	W6SIA				19		K9FLJ					17
W2TQR				88		WA4WAO					71	W6UMI*				28		WA9HXW*					22
W3AZD				77	25	K4WJT				85		W6VUW				26		W9IYH					98
W3BES					31	K4YYL				95		W6WB				29		WA9KXZ*					20
W3BGN				65	26	K4ZJF					68	W6WX				31		W9LBB					20
W3BIP					20	WA5ALB					17	W6YMW				20		W9LBS					70
K3BNS				67	19	W5AJY				68	29	KH6IJ				23		VE1AFY					93
W3BWZ					20	WA5AVL*				69	28	W7ATV				16		VE1PL					100
WA3EPT*					26	W5BRR					20	W7AYY				20		VE2ANK					80
W3EQA					15	W5EHR					21	K7UDV/7				16		VE6GX*					83
W3GHM					20	W5EQT/5*					30	K8AXG				19		VE6MF					87
W3GRF					28	W5GLC*					23	WA8DAU				15		VE7AAA					81
W3GRS					26	W5IPH					18	W8DGP				61	24	VE7PV					104
W3HHK					28	K5JZY					74	W8ECA				74							
K3JCT					69	W5KC					65	W8EDU*					16						
W3LOE	35			103	84	W5KTR					76	W8FYR				66	23						
W3MSK*	50	71	133	109	35	WA5LOB					17	WA8HXR				15							

* Multi-operator Station.

CLUB SCORES

	Aggregate	Entries	C.W. Winner	Phone Winner
Frankford Radio Club.....	18,668,219	75	W3BES	K3NHL
Potomac Valley Radio Club.....	14,221,043	41	W4KFC	W4BVV
Northern California DX Club.....	4,632,464	50	K6ERV1	K6ERV
Niagara Frontier DX Assn. (N. Y.).....	2,003,528	22	K2GX1	W2SSC
Rochester DX Assn. (N. Y.).....	1,725,476	15	W2BMFX	W2BMFX
Connecticut Wireless Assn.....	1,720,481	14	W1BCH	W1BCH
Suffolk County Radio Club (N. Y.).....	804,975	9	W2GKZ	W2GKZ
Miami Valley Amateur Radio Contest Society.....	642,927	10	W3JMJ	W3FYR
Louisville's Active Radio Operators (Ky.).....	523,361	6	W4BCV	W4BCV
Order of Boiled Owls of Ohio.....	277,859	4	W8ZCQ	W8ZCQ
West Park Radiops (Ohio).....	218,848	9	W8AJW	W8WUO
Limestone Amateur Radio Club (Ala.).....	51,963	5	W4LHW	W4LHW

1 W6BHY, opr.

"Thanks a lot for sponsoring such an f.b. show!" — **W6RCV**. "Surprised at the results of only using an all-band vertical." — **K0GJD/6**. "Worked DL1JW for a DX-Test WAC." — **W4GKHK**. "Surprised to work ZD8-AR on 40." — **WB6KIL**. "My first DX test and I made up for my poor score with all the fun I had." — **WB6MPE**. "Don't let the WB6 call fool you. I can remember when the contest lasted two weeks. As W2FBS I worked DX from the East for years." — **WB6LZI**.

"Overheard on 15 meters, HK3RQ saying 'I cannot copy a.m., go away.'" — **W5KTR**. "Now I know why I'm a confirmed c.w. man." — **W5OGS**.

"American operator's impatience and crudeness was evident, as usual." — **W5LUI**. "PJ5ME and ZD8AR were my only 5-banders." — **K5BXG**. "Hey, this is more fun than courting." — **W4SKYY**. "I wouldn't have believed that a VK0 could ever have come in here 599. It happened during the test when VK0MI came through one night for about 2 hours." — **K5LMG**. "The last c.w. section was terrible here in Texas." — **W5BRR**. "Murphy's Law worked overtime in the first half. Wrapped up beam coax lines, tore up lines and broke joint between the prop pitch and beam support mast. Hauled it down in the middle of the night and lost 17 hours of choice operating time." — **W5ZD**. "Conditions fine to AF and SA but punk to EU/Asia. After the pile-ups on the lower bands, it was nice to work CR4BB CR6AI 7G1A ZD8AR and VR2DK all on the first call on 28 Mc." — **K5ABV**. "DX stations just aren't signing their calls often enough." — **W5MCO**. "I hate 'breakers', 'tailend Charlies' and abbreviated 'call boys'. Let's play by the rules." — **W5WQN**.

"My first try from VE1 and improvement over past efforts as VE2UX, VE3FLO and VE2UI. There were few surprises except what I worked with the vertical on 40, the wonderful opening to the far east over the North on the night of March 12-13 and the brief 10-meter opening to G-land late on Sunday afternoon." — **VE1PL**. "I could write a book. Two new ones, worked my first ZL on 75 s.s.b., VKs coming in fine L-path the first weekend, topped off by the arrival of twin daughters on March 13." — **VE2ANK**. "VE2AYH's operating ability varies inversely as the level in the Smirnoff bottle." — **VE2BAW**. "Antenna height increase on 20 paid off in 70% score improvement." — **VE3BHS**. "For information concerning WAVE-

WACAN write the Nortown ARC, Box 356, Toronto 1, Ontario, Canada." — **VE3EVZ**. "Rules are excellent." — **VE3DEU**. "Picked up ten new ones, though 10 and 15 meters were poor here in Winnipeg." — **VE4SD**. "Conditions best since 1960 at this QTH." — **VE6MF**. "W stations will still call me even though W/VE contacts do not count." — **VE7PV**.

"Conditions in my part of the country were disappointing. I think I've pushed my 150 watts far enough." — **VE2NV**. "My first crack at this single-operator and sure enjoyed myself." — **VE3DFM**. "What a beautiful RAT RACE!" — **VE3DKB**. "In a period of one hour I worked 5 continents on 80, but never heard a single EU during the whole test." — **VE7BDJ**.

C.W. HIGHLIGHTS

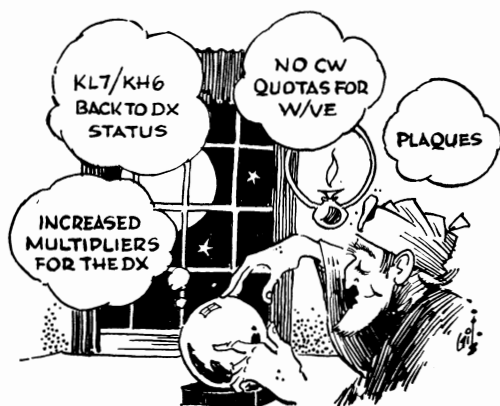
AF **CR3AD**'s appearance made 293 contesters extremely happy. Thanks to some snappy operating by **CR4BB** in this and recent tests, the once-rare Cape Verde Islands are not-so-rare. Tomaz almost doubled his 1965 QSO figure. His few 599 7 Mc. reports went to W6ITA, K3MBF, WB2APF, W0BLZ, W6ANN, WA2OJD, K4YYL, K1ZVU, and just a few others. Reliable **CR6AI** put in a 4-band appearance for well over 1300 exchanges. John too found those W6ITA 40-meter signals a potent 599. In his first ARRL contest, **CR6EI** particularly was looking for Wyoming, to no avail. **CR7IZ** found band conditions fair-to-good on 20 and 15 with 10 a nice surprise. Ru felt his QSO rate would have been higher but for the QRM from some of the chaps who didn't understand that he couldn't QSO them more than one at a time. Though pressed for time, **EL2D** found conditions very good topping 120-K and planning bigger things next year. **ZD5M** hopes he gave some of the gang a new one and was happy to meet lots of old friends. Des comments on the outstanding signals of W3MSK. Many comments were received concerning the fabulous Ascension Island performance by the **ZD8AR** crew. With 100 watts input, the operators (**ZD8s** BC RD WZ J) turned in an outstanding performance from Africa joining the select "millionaire's club." Their 5-band performance recorded 263 exchanges on 80, 884 on 40, 1394 on 20, 1343 on 15 and 367 on 10. 3-element beams were used on 10-15-20 plus a groundplane for 40 and a vee and longwire. A superlative performance! **ZS1O**

On the distaff side, some of the finest YL operators in the world (L-R) **PY2SO** leading some of the toughest c.w. competition anywhere—those savvy Brazilian operators. Sonia's 61-hour effort on five bands, topped 600-K by a considerable margin. **OH5SM** shows a fine phone sum of 449 exchanges on 20 and 15 meters (Carola runs 500 watts p.e.p. to a homebrew linear and uses a quad on 20 and 3-L on 15). **YV1IK/5** with a one-weekend 132-K phone performance to lead Venezuela and **UA9PO**, Anna Glotova, one of the fine c.w. operators in Novosibirsk and a Champion of the U.S.S.R.



From October 1965 QST © ARRL

reported a very short opening on 10 with great storms following the opening of the bands. He reports that he made F.B.T.O.C. twice. (Any interpreters in our reading audience?) 5A3TX found, all in all, it was another enjoyable contest. He says he had a bit of a problem convincing several stations that he wasn't an HA. Carl says this was his last one from Libya since he planned to be on his way back to the U.S.A. as this report was being prepared. 606BW topped 1,200 exchanges on 80-40-20-15. Bee says his first 35 contacts yielded 11 different call areas and he then had to work 378 additional stations before getting a new multiplier. He found QRN on 80 20 db over S9. Best signal reports on that band (569) sent to W4KXV and W3MSK. Bee thanks all participants for the QSOs and their courtesy . . . a reminder too to QSL via W4HKJ. 7G1A turned in a superb single operator performance from the Republic of Guinea with better results on 40 and 20 and best of all on 15. Josef topped 2200 QSOs for close to a half-million points. 9G1FQ experienced the worst of all problems, restriction of 9G1 operating privileges just after the first c.w. weekend.



IN VIEW FOR '67

ASIA The HL9US crew (WA2SPL WA6FWE KL7ELD WA3ERL K8ZXP K9UNY K6-ETM and K3RIX) found signals the first weekend much stronger. HM5BF was a welcome addition to the c.w. ranks with his 445 two-ways. Kim runs 100 watts input to an 811 and used 2 element quads for 20 and 15 and verticals for the lower bands. JA1IBX, leading his country both modes, went well over the thousand contact figure on c.w. in a total of 52 hours. His printing is a veritable comfort to the contest checking crew — completely legible! His one-QSO success on 10 was a 2-way with K6ERV. Another superb c.w. endeavor from Japan was presented by JA1CIB with close to 130-K. Takeo's big band was also 20 with good reports to 575 thereon. Many fine JA c.w. logs were received and welcomed. Top Asiatic Russian score was UA0KZB, single-operated at Petropavlovsk on the Kamchatka Peninsula. Vlad worked 883 stations to take top country honors. His only antenna was a ground-plane. Among many UA9/UA0 logs is one from UA9PO, an active YL from Novosibirsk and a Champion of the U.S.S.R. A fabulous multioperator score by the UA0KFG crew of UA0EH UW0s FM FK and UA0KFK added up to 278-K and hundreds of QSOs on 4 bands. Their best band was 20, almost 1000 contacts. VS6BJ reports the non-contest JAs a problem, plus the specialty of the day, Radio Peking on 40. Maurice reports that the "wolf" howl of the west coast was wonderful. Ranga, VU2GW, found it fun working some of the old timers and top DXers and plans another go next year. 9V1LP's comments could fill a page. Bob says that every year W4KFC comes up with another first for him in the ARRL c.w. test. This year he was his first east coast station ever worked in a contest on 15 meters. This was his first year to make 5-band QSOs (W6RW 160 through 15 the February weekend). In what he considers an outstanding feat for the east coast, W4BVV managed to make it on 80 through 10. His biggest thrill was late the second night of the March weekend when after vainly trying to make it on 10 with

Over 300 QSOs/band — DX

	80	40	20	15	10
CR4BB			312		
CR6AI			491	500	
EL2D			366		
ZD8AR*		884	1394	1343	367
5A3TX			391	552	
606BW			662	413	
7G1A		578	540	684	
9Q5RD			306		
HL9US*			430		
JA1CG			350		
JA1IBX		328	642		
KG6IG*			598		
UA0KFG*		377	984		
UA0KZB			529		
CT1OI		311			
DJ2YC			511		
DJ5BV			530		
DL1RK			524		
DL6VP			427		
DL7BQ			447		
DM4WPL			424		
EI9J			700		
F8VJ			578		
G2QT			437		
G2RO			449		
G3SSO*		333	1178	309	
G3OQR		303	1153	403	
GM3GUJ*			372		
GW3JT			513		
HA1KSA		352			
HA1SD			360		
HA5KDQ*			497		
HB9JG			525	447	
I1NT			1064		
LA1H			664		
LA9HC			579		
OH1AA*			401		
OH2AM*			885		
OH3AH*			673		
OK1VK			329		
OK3OM			401		
ON4XG			444		
OZ1W			330		
OZ3FL			589		
PA0GMU			395		
PA0LOU			721		
PA0XPQ			388		
SM5CCE			662		
SM5TW			319		
SM6BJ*			1400		
UB5WJ			403		
UP2KNP*			788		
YU1BCD*			494		
YU3BC*		342	556	380	
FG7XX			363	385	
H18XAL	620	1016	950	917	
HK0AI		354	1050	984	
HP1BR			456		
HP1IE	372	333	677	711	327
KP4BBN			641	421	
KP4BJN			644	700	
WA4MFS/KP4		337			
KV4CK				665	
KZ5JF		402	1804	419	316
PJ5ME*	459	785	486	1173	
VP5AR	336	533	367	418	
VP6PJ			896		
WB2PXZ/VP9*	385	410			
XE1AX				391	
XE2AAG		329			
XE0AL	659	1246	977	748	
KM6CE			357		
VK2EO		798	936	548	
VK2GW		446	364	339	
VK3APJ		415	573	378	
VK3AXK			396		
ZL1DV			466		
ZL1HW			490	450	
CE1AD			585	1130	
HK3BAE			595	492	
HK3RQ		610	1040	1143	
LU1DAY*		414	654	1131	319
LU5AES			303		
OA4PF			595	812	317
PY1MCC			492	602	
PY1NO			427	399	
PY2BGL			808	389	
PY2SO		474	1293	780	
PY7AKQ		487	320	562	
YV1DP	328	308	986	818	515

* Multi-operator station.

W6RW, he heard a wee small signal as from outer space calling. It turned out to be W2GWE for Bob's first W-contact on 10 in 3½ years in Singapore. GWE was followed by W4BVV, W3MSK and W4KXV before the opening gave out.

Over 300 QSOs/Band — DX					
	75	40	20	15	10
ET3AC			831		
ZS6NM				330	
9L1JW				735	
9Q5FV				574	
EP3AM			320		
JA1IBX			669		
JA8AA			630		
KA7AB			479	308	
DJ18X			522		
DJ5BV			470	392	
DJ5HN				327	
DJ6QT			950	433	
DJ9LDA			508		
DL1LK			568	532	
DL4LG			1071		
DL6VP			550		
EA4DO			709		
F2SY			629		
F3KW			382		
G2QT				309	
G3SVH*			750	721	
G3UML			501	388	
GB2DX*			1186	507	
GW3NWV*			524	520	
I1BAF			1755		
I1CAQ			923		
I1CGE*				305	
I0FGM*			1157		
OH2AM*			1043		
OH5SM			366		
OK1MP			796		
OZ3SK			766		
OZ9SL			604	711	
SM6DLL*			953	484	
SM7CRW			482		
UA2KBD*			553		
UB5WJ			351		
UP2OK			461		
YU3BC*			425		
4U1ITU			307	348	
CO8RA*				337	
FG7XL			933	1005	310
HI8XAL			790	772	
HP1JC			318	382	448
KP4BFF*			633	763	
KP4CKU			1210	1129	394
W4MFS/KP4		439	431		
KV4CF		330	1100	749	
OX3JV			650		
TG8CJ				991	
VP2AC			510		
VP2KY*				429	
VP5AR			478	800	
XE2JZ			425	349	
YN3KM					316
ZF1BP*			547	1062	376
6Y5OF			364	390	
KG6APD			328		
VK2AAH/p*			333		
VK2APK			407		
VK2FU*			457		
ZL1HW			356		
CE6EZ				577	337
HG1RT			309	905	594
HK3RQ			921	809	335
HK4KL			880	1141	
OA1W				306	360
PJ2CR			458	613	417
PJ3CD			795	913	
PY2BJO			518	795	328
ZP9AY				455	

* Multi-operator Station.

EU *DLIRK* enjoyed the test and hopes it will bring him nearer several awards. Klaus didn't hear a single Nevada, the last state he needs for WAS. He hints he operates regularly around 14,030 from 14-1800Z. He commends the operating skills and discipline of the W/VE group. *DL1QT* found good conditions on 40-20 and 15 and hopes for better luck next year with a beam. *DL6VP* also needs Nevada. Hans found better phone conditions this year than the c.w. section. *DJ2YC* soloed on 20 meters with most QSOs to W2 (104) and W6 (94). *DL1TA* found second weekend conditions shocking, the worst ever experienced in a contest. *DM2ATD* comments that this is the fastest DX contest. *DL6WD* needs Nevada. *E19J* operated five bands to top the two-hundred thousand mark. His multipliers included 8 on 160. In his 22nd test, *F8VJ* again found the going interesting. Lucien could not make it on 10 although he heard W4KFC, W3BES, W3GRF, etc. We all look forward to his participation in 1967. Another old-timer, *F2PO*, at 72 years of age, found time to operate four bands for over 400 exchanges. *F9OE* always finds this a very fine contest for c.w. operators. *F8TQ* found the lower bands good though poor on 20 and absolutely "shut" on 15 and 10. The ubiquitous *G2RO* led England with 877 two-ways. *G2QT* found 80 disappointing though 10 briefly opening for the first time since the 1960 contest. *G6VC* hopes to round up a few of the crew next year to run multiplier. *G3HLW* says that awful gale in England on the last day must have blown all the signals off of 21 Mc. — it blew the top off of his vertical! The resounding results of *G3SSO* (G2RT, G3s CNW MSV NHF PEOP PYI, G8VX and G8s FF KG) filled all spots on the summary sheet with fine results. Best band 20 (1178 QSOs) then 40, 15, 80, 10 and even 4 contacts on 160. The crew found the test as enjoyable as ever with first-rate conditions in February. *G1SOQR* with close to 400-K put in his first appearance on 160 working a number of his old friends on that band. Dick found both weekends enjoyable and says 'cugn next year.' *GM2HCZ*'s question "Are there any stations active in Nevada?" begins to have a familiar ring. *HA1KSA* failed to top his previous record due to that giant sunspot prior to the second weekend. Nonetheless Fred topped 1000 exchanges. *I1NT*'s certificate-winning performance netted 1459 two-ways for well over the 200-K mark. *DJ6SI*'s LX-pedition was a popular c.w. tidbit for 67 of the alert ones. The OHs turned out in good numbers despite particularly poor conditions in their area the second weekend. Good multiplier performances from Finland were topped by the *OH2AM* group for 1053 c.w. two-ways. *ON4NM* reports those pileups much fun and will return next year. *OZ3FL* asks us to try one year to arrange the c.w. section without sunspots and with conditions the same as on phone. *OZ1LO* hopes to have antennas up for the higher bands for next year. *OZ7G* stayed on 21 Mc. for 122 exchanges. If the army permits, *OZ5DX* plans more activity in the next one. If conditions had been better, *PA0LOU* would have spent more than 60 hours. Lou's new TH-3 helped greatly on 20 and 15. He reports finally managing to make a few 160-meter contacts although just two W3s heard him. He called, unsuccessfully, W1s BB HGT, W2GGE, W4s etc. Final score, 153-K with over one thousand exchanges. *PA0XPQ*'s funniest experience was hearing the ZD8AR crew work W/VE stations one a minute on ten meters while the band was completely dead there. *SM5CCE* joins the rest of the EU stations commenting on the poor second-weekend conditions. Watch out for *SM5BTS*! Rune is planning a V-beam aimed U.S.A. for next year. The *SM6BJI* operators (SM6s BJI AOE CKV DLL) had hoped to reach the 2000-QSO figure but 21 Mc. failed to open the second weekend. In spite of conditions, *SP5AHL* found it a real pleasure to work the stateside crew. In his last test from the continent, *SV0WAA* found 21 Mc. the lifesaver in his area with 7 Mc. holding its own and 20 poor. *UB5WJ* stuck to twenty meters and managed to snag 403 W/VEs in 18 areas — *spasibo* George! The *UP2KNP* crew offer their thanks for a nice test, with four bands worth of exchanges. Look for their effort in 1967. The savvy *YU3BC* team (YU3s BC LB LC) keyed 1377 exchanges for well over 200-K, with good results on 80-40-20-15.

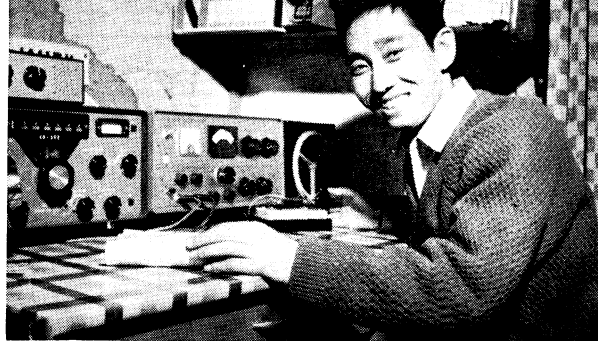
NA *CO2BO* was the single-operator DX sensation this test with his almost-million pointer. Jan is an old pro at this business, recording an eye-opening 6-band 86-hour performance. At the time of this writing

JA1IBX operated both sections of the test emerging with top phone and top c.w. for Japan. Nob runs 100 watts input on both modes and uses a groundplane for 80 and 40 and quads for 20, 15 and 10.

Jan (ex-OK3MM) planned to return to Czechoslovakia. Another ex-OK, **CM2BL** (ex-OK1AOT) provided Cuban interest, working 1465 on 5 bands. **FG7XX**, an ever-popular multiplier, made 154 W/VEs happy on 80 meters. Maurice had various problems, but nevertheless turned in a fine 40-hour performance. **H18XAL's** customary top-notch performance itemized 31 exchanges on 160, over 600 on 80, over 1000 on 40, close to 900 on both 20 and 15, and almost 100 on 10 — an almost-million pointer. Work kept **HP1IE** very QRL but Pete still found time for almost 600-K worth of points. He notes this year the caliber of operation was really clean with his dupes way down from the customary percentage. A nice turn out from the KP4s this year, led by **KP4BJM** with over 400-K. The top DX score this year, the multiplier performance by **PJ5ME** (W1s BGD BIH DYE TCJ, W2ADE, W9GVZ and PJ2ME) drew raves from the faithful. This Connecticut Wireless Ass'n.-sponsored 48-hour expedition wound up with well over 1.1 million points. The fellows ran two stations, using a quad for 20-15-10 and an inverted vee for 80-40. W1BGD sums it up nicely with one sentence. "Many thanks to all those who worked us only *once* on each band." The **XE0AL** crew turned in an almost 900-K sum with activity on all 6 bands. 160 provided them with a pleasant surprise. Although they never did work the east coast, they heard **W2EQS** **W3MSK** **W4BVV** and others. **W6RW** was their only 6-band.

OKG6APD reports the most unlikely DX conditions seen on Guam for the past six months. **VK2EO** (op. **W9WNV/VK2ADY**), put in a 78-hour 600-K topper from Oceania. Don comments: "Conditions to the east coast on 10 and 15 discouraging, worked **W6RW** on 160 though I heard **W1BB** **W3MSK** and **W4KFC** f.b., even 10 meters produced 71 exchanges in 7 areas." **VK3APJ** found that the W-operators generally were very good, not enough activity from **VE/VO** and **KL7** and making the report out a chore. **VK2GW's** breakdown clearly illustrates the pipeline between **W6** and **VK**. World-traveler **VK2VN** spent the second weekend overseas and was limited as to time the first session. Using a beam (for the first time) netted Morrie twice as many contacts as during the previous year's 9-hour period. **VK5KO** met his personal goal in making contacts on all six bands. 7 Mc. specialist **VK2QK** worked 275 in 14 areas. Old Blue, **VK9WE**, had his problems too. A power failure in February (just as he was getting going) was attributed to a snake getting across the high voltage lines, blacking out most of Port Moresby. **YJ1DL** operated four bands for 309 exchanges (183 of these with the sixth call area!). Reliable **ZL1HW** presented excellent activity working 984 participants. **ZL2PM** was glad to hear so many new stations. He comments that there are just too many double contacts and that the DX countries must rely upon the W/VEs to avoid these. (We try to make it easy for W/VEs by furnishing a record sheet which will be required by all phone and c.w. W/VEs in 1967).

SA **CE1AD's** biggest band was 15, with over 1100 exchanges. **CE6EF** made 35 times his previous score and finds the discipline of the W-hams superb. **HK3RQ** enjoyed the test and will try to do better next year. Bill says look for **HK3BAE**, a real comer. **HK3BAE**, in his first ARRL c.w. contest (licensed just 8 months) turned in a fine score, well over 200-K. After using a manual key the first weekend he rapidly acquired an electronic one in time for the second period! One of the outstanding multiplier S.A. scores was that of **LU1DAY** (keyed by **LU1DAY** **LU2DKG** and **LU8s** **DLK** **DQ**). With 100 watts input on 5 bands they amassed 2583 two-ways for close to 600-K. **OA4PF** found discipline extraordinarily good. He completed his WAS with a Vermont contact. He looks for more of a challenge in the next test which we hope will be furnished by the rules changes. **PY2SO** almost tripled her score over the past year and says, "Wow, this was fun." Sonia writes, as well as operates, in top-notch fashion. Some of her comments: "Only



one **KL7**, where are they hiding? **VO1AW** is never able to have his QSOs fast, what with everyone asking him to look for them on this or that band, **W1EVT** my first U.S.A. for my 3.5 Mc. **WAC** . . . a thrill working operators like him, **W1ECH** (with welcomed honest reports), **W4KFC**, **W9IOP** and others on five bands." Sonia puts in a justifiable plug for her patient OM Joe, **PY2CQ**. True to her predictions **PY** activity was superb, with a 343-K score by **PY2BGL**, **PY7AKQ** with 275-K, and big totals by **PY1MCC** **PY1NO** etc. **YV1DP**, as always with a tremendous performance came close to 3000 exchanges in 70 hours, and an absolutely superbly presented log. **3Y4VU** felt his new prefix accounted for his bigger score.

PHONE HIGHLIGHTS

AF **CR6HG** may have begged his pardon for his submission but 450 neatly typed exchanges made scoring a breeze at Hq. Thanks to **W1RF**, **CR7FR** submitted a brief extract of 21 Mc. a.m. operation which included (natch!) **W1RF** and the neverfail **W3MSK**. **ET3-AC's** big band, 20 meters, included 831 two-ways. The contest staff urgently request him to use a better grade of carbon paper in 1967! Just a few received **VQ9EF** credit due to the loss of their original log. John says that their maids clean up just too well at the Satellite Tracking Station! **ZS6NM** stuck to 15 meters, working more sixes than threes. Thanks to **K9RNQ** for forwarding along the **9L1JW** information and credit for 737! (Of these, 733 were on 15 meters.) **9Q6FV's** 36-K summary and log shows many many repeats reminding us all that the burden of keeping track of previous QSOs must be upon the W/VE. How about it, fellas?

ASIA U. S. Ambassador to Iran, **EP3AM**, is an old pro at the contest game having activated many rare countries in past competitions. Hank's first 8 contacts included 3 **KH6s**, 3 **KL7s** and 2 **VEs**. His refreshing reporting indicated most everybody was readability 4. Just a few notable exceptions included a 5-9 for **K2HLB**. The crew manning **HL9US** found band conditions not too great. Their 501 exchanges were due to the efforts of **WA2SPL**, **WA3ERL**, **K8ZXP**, **K9UNY**, **K6ETM** and **K3RIX**. Thanks from Hq. particularly go to the group's activity manager **WA2SPL** (**HL9TM**). **JA1IBX's** 100-K-plus phone resume is a vow of a phone effort for Asia. His sole QSO on 7 Mc. records **W3MSK**, who else? **KA7AB** (**K1KTH**) topped 100-K s.s.b. John's first test abroad was faster and more fun for him than the SS. His best hour recorded 97 exchanges. Next year he plans a winning effort on c.w. for Asia. **JA1CG** had sideband-exciter trouble 10 times during the test. **Murphysan** sure gets around! **JA6BJM** notes 20 watts p.e.p. for his input on 40 and 15, with 47 exchanges and 9 multipliers — f.b. Shizuol! **4X4FV** waxed at great length on the merits of states being used as multipliers for the DX contingent. (Great minds run alike, Bill; it's on the books for 1967!)

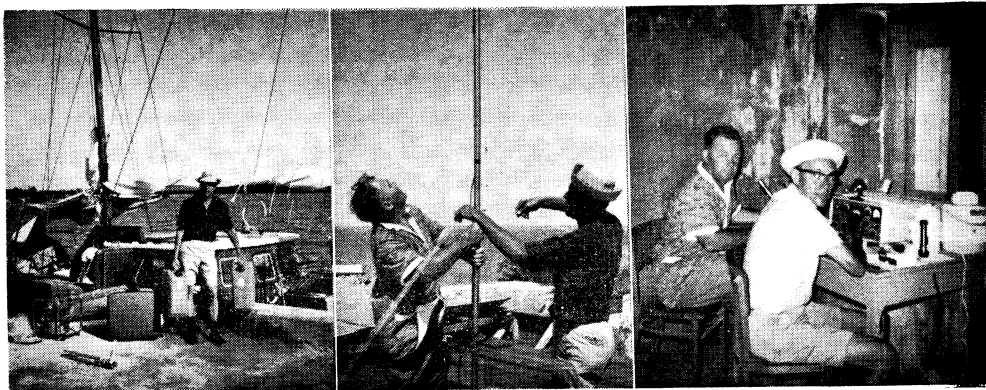
EU **CT1IW** found his first contest lots of fun. He's looking forward to next year and Wyoming. **DJ6QT** topped his 1965 effort. Walter found 80-meter activity as good as last year but no openings to the west coast. In between contest weekends he built a ground plane and with it found good conditions to mid and far west. In his first ARRL contest, **DL4LG** tallied 1071 exchanges on 20 and over 200 on 15, quite a respectable first go! **DL4NS** found the 2nd phone weekend by far better with 15 wide open. His only 10 meter contact was with **WA4PXP**. **DL6VP** thanks all U. S. and Canadian hams for a fine time. He enjoys working the states and has made

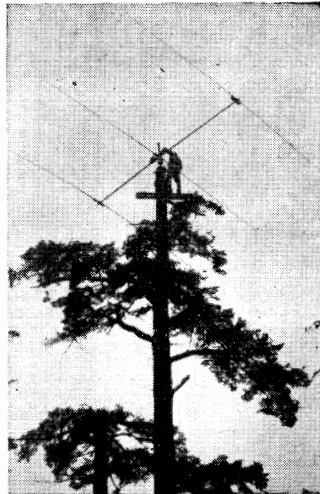
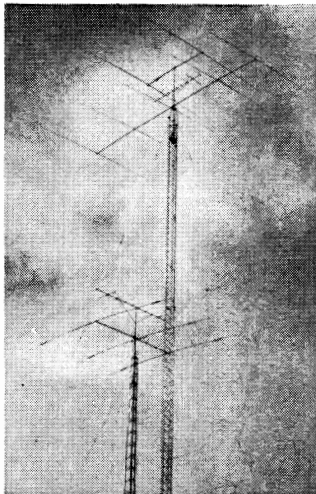
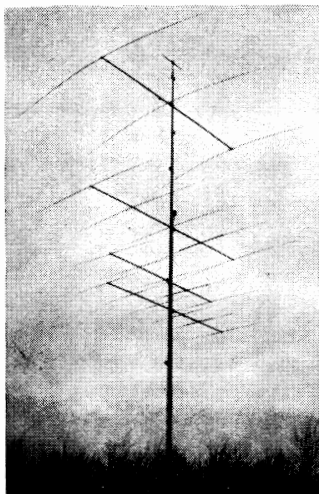
over 3000 U.S.A. QSOs. Next year *DL6JJ* plans to be more successful with a 6-L tribander! Among *EA4DO's* one-thousand-plus contest QSOs were 184 on 75. Young *G3UML* entered his first ARRL contest and won for England. A key to his abilities, however, is his career of SWLing, since before 1959. On the morning of March 13 he found 40 in fine shape producing his first W6s on that band. On that afternoon 15 exploded with activity and in 3 hours he moved frequency just twice . . . just a matter of sorting out the pile-ups! Laurie still needs Nevada and Wyoming for his WAS. *G2QT* comments that many stations have their VOX delay set too short making the operator talk too quickly and leading to many misread calls. The crew at *GB2DX* upped their previous year's performance with a 5-band effort by G3s JOC KFX TUZ and G5AAM/WA6ZIQ. G3s NLY PLD and SVH, manning *G5SVH*, reported local TVI and some unusual neighbor retaliation. They report one neighbor revved up a 2-stroke motorcycle against the shack wall for about an hour while another neighbor amused himself by hammering on a large piece of corrugated sheet iron! GW3s *DIX* and *NWV* continue to be impressed by the considerable operating skill and courtesy of U. S. stations. *11BAF's* whopping 363-K total includes the big band (20 meters) with 1755 exchanges . . . almost 50 exchanges an hour for a 44-hour stint . . . and an impeccable report. *11CAQ* specialized on 20 meters for a 923-QSO total. *10FGM*, with 242-K vocal honors by 11s BER LCK GAD and ZSQ reminds prospective QSLers that 11LCK does the honors. *LA9HC* joins dozens of other DXers in a plea for a Nevada QSO. *LA9OI*, frequent operator at *LA1H*, always enjoys a contest. Olav soon will be radio-operating aboard a ship. Conditions didn't favor Norway, report *LA1EE* and *LA3JJ*, operators of *LA1K*. They look for a change in their antenna system during the fall and better results next year. *OE2-EGF's* highlights were his first transatlantic 40-meter phone exchanges, thanks to K2CXI and W3MSK. *OH5SM* reports that the OM and older children took care of the baby so she could take part in the test. Carola reports a fine time all 449 QSOs. The *OH2AM* crew type well in addition to operating well. OH2s BC BH BQ SB and QV talked up 1282 contacts running the two stations. WOW, *OZ9SL* wants log forms for 1967, 1968, 1969 . . . ! Guess that 200-K score is just a warm-up. Enthusiastic *OZ3KE* enjoys this affair but reports QSL results only average 50%. Just think, says *OZ7DX*, if my dipoles favored the U. S. instead of the North Pole. Perennial *PA0LOU* regrets no s.s.b. gear for 40 and 75. He is sorry about that! *SM7CRW* says he QSLs 100% (including 741 in the test) and sure hopes all W and VE stations will do the same. The *SM6DLL* crew (SM6s AOE BJJ CKV DLL) report unstable conditions. Saturday mornings on 75 and 40 nice but Sunday mornings poor. They heard all America south of Florida but the only U. S. stations even heard occasionally were W3s MSK or WJD. *SV1BL* reports the 21 Mc. opening from 1410-1900Z March 13 a very good one.

NA Monique operating *FG7XL* found both 20- and 15-meter conditions excellent both weekends with 10 meters good March 13. Her 2551 QSO-total covers 5 bands of operation for well over a half-million points. A delightful surprise was the appearance of *FS7RT*, the renowned W6ITH. Reg topped the 2100-QSO figure with multipliers on 6 bands, including a Florida phone contact on 160! *H18XAL* spent most of the second phone weekend putting up antennas for 40 and 80 for the 2nd c.w. weekend. Under 24 hours at the mike for 1746 two-ways. Fred says please send a brand-new Wouff-Hong to the guy who, after receiving the usual 59000 exchange, said "That's a pretty good signal for no power." *KP4CKU* topped 1100 contacts on two bands for an overall sum of 3335 exchanges, over 790-K. Radiators included a tribander up 35 feet plus an inverted vee for 75 and 40. The *KP4BFF* group (K3SBB, WA5BGW and K0KYE) did an interesting break-down of contacts in call areas on all bands. Best area on 10 was W6, on 15 W4, on 20 W2, and on 40 W8. The fellows operated the station during off-duty military hours and worked all states and provinces except VE8 and VO. *KV4CF* must have writer's cramp recopying those 2000-plus contacts (a signed legible copy is sufficient fellows . . . a clean carbon, or photocopies, acceptable). *OX3JV* wishes Ws would realize that the DX portion of 75 is not only 3780-3800. Jorgen says that in most countries it goes all the way from 3600-3800. *TG8CJ* found the contest experience most enjoyable with 15 the best band for stateside contacts. Juan finds duplicate contacts a problem with over 1400 exchanges! 16- and 17-year-old *T12AAC* and *T12KR* multioperated *T12AAC* with fine results, 168-K. The Caribbean-west coast path on 10 was proved out by *VP2KR* doing very well indeed though recovering from the flu. ex-*VP7CC* now *VP5RS* was a popular Turks/Caicos multiplier though getting set up quite late. Chuck plans bigger goings next year. *YN1TP's* best area on ten was (ditto) California, for 42 two-ways. In fact, Tomas had his best success into that area on 21 also. The Canadian contingent ably manning *ZF1BP* (VE2BK, VE3s CJ RX and VE8AA) put in a relaxed 38 hours for an almost-half-million-pointer. Their BIG band was 15 with 1062 contacts. Though new to amateur radio, *6Y5OF* presented a first-class able performance to the tune of 206,115. Vic is looking for a real breakthrough on 28 Mc. next year. *6Y5BS* enjoyed the 2nd weekend better from Jamaica than the 1st one at home VE3BS. He says he felt more wanted, hi!

O *KG6APD* would like to have spent more time in the test. Bill made schedules on 10 but the path proved fruitless. *K6OAZ* *K4DRD* and *WA1FDW* were pleased to operate *KJ6DA* providing a Johnston Island multiplier for 380 participants. QSL say they via *WA6OET*. They found 142 to talk with on 28 M., in ten call areas. *VK3ATN* promises to enter more seriously one of these years. *VK4LT* found QRN a particular problem on 7 and 3.5 Mc. *VK3-ARX* vehemently declaims that one cannot win using a

DX-pedition phases of *VP2KY* (operated by W6s IIC QUU for 152,703 phone points from Anguilla) include; loading the 51-ft. ketch, erecting the antennas atop the highest hill (213 ft.) with that view towards mainland U. S. A. and operating from the inside of an abandoned police training barracks. Besides talking up almost 900 contacts, the crew stayed on to give some happy Novices their first Anguilla QSO.





First-class antennas in use by top phone contestants (L-R); **K2GXI** top W.N.Y. using 3-L on 40, 5 on 20, 5 on 15 and 6-L on 10; **W4BCV** tops for Kentucky with a tri-bander at 51 ft., 3-L on 15 at 37 ft., 5-L for 20 at 115 ft. and 2-L 40 at 125 ft. plus a quarter-wave 80-meter vertical; **VE7PV** with a quarter of a million points from B.C. showing his 3-L 20-meter antenna up 80 feet. Ian now has a 15-meter Yagi above this one.

transceiver. Rick stayed on 20 for 312 QSOs. **VK2FU** feels single-band classification might be an inducement for those not equipped for all-band operation. (The charts herein point things this way Gil. Your 457 exchanges show nicely thereon!). **VK9DJ**'s sole 40-meter phone exchange was with **W6ITA**. **W6KG**'s sojourn at **VR1Z** was more than popular for 700 of the faithful. Nice going Lloyd!

SA **CE6EZ** found 20-15-10 outstandingly good. Ralf heard mostly W6s with their rock-crashing 9-plus signals. What he liked best was the discipline shown by the W-crew. His 2nd-weekend-only stint ran up 993 exchanges. **CE8s CG** and **CM** took turns handing out exchanges on 3 bands from Punta Arenas. **HC1TH** says ten meters was wild and **KL7AIZ** made his day; 50 an hour or better for about 40 hours for well over 400-K. **HC1RT** was a close runner-up down in Ecuador with almost 400-K and a 5-band 30-hour effort. (Just wait till conditions are good . . . Ed.) **HK4KL**'s fat log showed 15 his major band with 1141 exchanges—his entire 2396 listing impeccably typed. Contest knowledgeable **HK3RQ** found conditions poorer than last year. Bill congratulates the "WB" gang with doing a superb job with rigs and mikes, as good as, or better than, the older participants. Final score for about 35 hours, 478-K. **OA7AX** found his first DX test very enjoyable. Even with the fantastic pileups, **PJ2CR** found it possible to make many many contacts with a transceiver in the American phone band. His customary good effort produced 326-K . . . best band 15 meters. A nice showing too on 10-417 QSOs. **PJ3CD** down in Curacao commented on the good conditions, particularly on 15. Many of us had the pleasure of meeting Jonas earlier this year on a visit to the U.S.A. Hooray, **PY2BJO** found his Nevada for WAS and doubled his previous score . . . big things planned with a rhombic under construction. **ZP9AY** does his contesting the hard way. His location is without commercial power and Robert uses a gas engine and alternator. 678 exchanges are particularly meritorious under those conditions.

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-observance of FCC rules as reported by at least two accredited Official Observers, or by a single FCC citation. Such violations as out of band operation, key clicks, spurious emissions, etc. were the basis for these disqualifications. **C.w.**—**K2LWR**, **W3EYF**, **K3NVC**, **W3ZQ**, **W6CLZ**, **W6EPQ**, **W6NJU**, **W6AUS**, **W7BTH**, **W7MVC**, **W8GQI**, **W8HGY**, **W8KER** and **W8MWZ**. **Phone**—**W3EVW**, **K8BO** (**W9WNV**, opr.).

Thirty-Second ARRL

International DX Competition

Operator of the station first listed in each section and country is winner for that area. . . . The multiplier used by each station in determining score is given with the score—in the case of U.S.-Canada this is the total of the countries worked on each frequency-band used; in the case of non-W/K/KH6/KL7/VE/VO entries it is the total of the U.S.-Canadian districts worked on each band. . . . The total number of contacts is listed next. . . . The letters A, B, and C approximate the input to the final stage at each station; A indicates power up to and including 150 watts; B indicates over 150 watts, up to and including 500 watts; C indicates over 500 watts. . . . The total operating time to the nearest hour is given for each station and is the last figure following the score. . . . Examples of listings: **K3NHL** . . . 517,536-288-599-C-76, or final score 517,536 multiplier 288, 599 contacts; power over 500 watts; total operating time 76 hours. . . . Stations manned by more than one operator are grouped in order of score following single-operator listings in each section or country tabulation; calls or numbers of participants at multi-operator stations are listed in parentheses. . . . In sections or countries where three or more multiple-operator entries appear, the top-scoring station is being awarded a certificate. An asterisk denotes a Hq. staff member, not eligible for an award.

C.W. SCORES

ATLANTIC DIVISION		W3CGS 121,635-153-265- C-44	
Delaware		W3BN (K3TEJ opr.)	
K3NHL	517,536-288-599- C-76	W3ISE	99,396-132-251- C-27
W3DRD	131,262-167-262- C-45	W3INH	97,104-136-238- A-47
K3VSV	675- 15- 15- A-10	W3PN	84,942-143-198- C-15
Eastern Pennsylvania		W3QMZ	76,230-121-630- C-18
W3BES	690,120-324-710- C-75	K3EUR	65,637-117-187- C-35
W3MFW	664,620-330-672-AC-81	K3HTZ	49,914- 94-177- A- -
K3JCT	618,150-325-634-AC-79	W3BYX	47,700-106-150- A-50
W3MWC	564,573-307-616- C-72	W3CAA	46,992- 88-178- B-28
W3GHM	428,536-274-522- C- -	W3CBF	42,966- 93-154- B-22
W3NOH	417,381-263-529- C-50	K3BNS	40,950- 91-150- B-32
W3HHK	411,060-260-527- C-50	W3CGB	36,720- 80-153- C-23
W3KFQ	389,550-245-530- C-70	WA2KZV/3	33,660- 85-132- C-27
W3BIP	310,905-235-441- C-60		29,580- 85-116- A-25
W3HHA	306,360-230-444- C-65	W3QLW	29,187-669-141- B-35
W3GRS	291,084-254-382- C-32	K3JGW	22,509- 61-123- C-24
W3KDF	278,842-214-435- C-50	W3CUO/3	
W3EQA	231,600-200-387- C-43		21,828- 68-107- A-31
K3JH	179,780-178-340- C-51	W3AEQ (W8BJD , opr.)	21,384- 66-108-AC-17
W3KT	169,650-174-325- C- -		17,493- 49-119- A-21
W3EVW	136,245-155-293- C- -	W3IZI	

W3NM 16,995-55-105- C-12
W3DBX 15,372-61-84- B- -
W3GHD 10,434-47-74- B- -
K3RFB 5814-38-51- B-25
W3NCW 1734-17-34- A-10
W3YUW 507-13-13- C-6
K3ZOL 216-8-9- A-2
W3WJD (4 ops.)
1,269,216-416-1017- C-96
W3BGN (W3s BGN YUW)
908,276-361-841- C-79
W3WPG (K3WJV, W3s SXH
WPG) 699,783-329-709- C-90
K3MBF (K3s JLI LJZ MBF)
503,565-295-569- C-75
W3GHS (K3s YOV YUA,
W3GHS)
413,766-254-543- C-78
W3ECR (W3s ECR HRV)
340,960-247-460- C-47
K3WNT (K3s VJA WNT)
5220-30-59- A-39

Maryland-D. C.

W3GRF 817,950-350-781-BC- -
W3EKN 482,257-277-598- C-70
W3MSR 437,493-251-581-AC-86
W3MCG 399,645-249-535-AC-59
W3MFJ 328,925-223-492- C-60
W3MVB 274,776-214-430- C-42
W3QQL 207,339-183-379- B-59
K3JYZ/3 132,345-173-255- C-33
W3AFM 124,993-121-345- C-66
W3AXW 57,615-115-167-AC-36
W3EPR 31,734-86-123- C-23
W3FBE 21,840-65-112- B-17
W3RNY 20,709-59-117- C-18
W3ZNB 15,912-68-78- C- -
K3WUW 12,936-56-77- B-24
W3EEQ 9333-51-61-BC-51
W3LMZ 8880-48-63- A-12
K3QDD 4743-31-51- C-8
W3ACRA 27-3-3- A-2
W3MSK (6 ops.)
1,723-120-476-1208-AC-96
W3EPT (8 ops.)
529,248-296-596-AC-96

Southern New Jersey

K2DCA 605-115-315-641-AC-77
WB2APG 570,090-310-615- C-61
K2QLL 200,208-172-388- A-60
W2GGL 132,132-154-286-AC-53
W2QDY 102,816-126-272- B- -
W2DAJ 96,624-132-244- C-27
W2QKJ 66,330-110-201- C-56
K2BGB 42,228-92-153- B-20
K2CPR 40,950-105-130- B-21
K2OEA 38,592-96-134- A-10
K2AGU 32,784-79-139- C-21
W2IZS 24,525-75-109- C- -
WB2MRA 23,808-62-128- B-43
W2KIZ 4386-34-43- A-10
W2EBW 1620-20-27- B-7
W2HAZ 672-14-16- A-4
W2HSP 12-2-2- A- -
W2BLV (W2s BLV WLN)
380,034-258-491- C-60

K2AA/2 (4 ops.)

20,088-72-93-AB- -

Western New York

WB2MFX 525,402-289-606- C-83
W2SSC 278,460-210-442- C-47
W2UJM 230,811-203-379- B-90
W2CON 142,760-166-287- A-62
W2LJX 126,768-152-280- B-60
W2AHUV 125,400-152-275-BC-31
K2INP 119,970-155-258- C- -

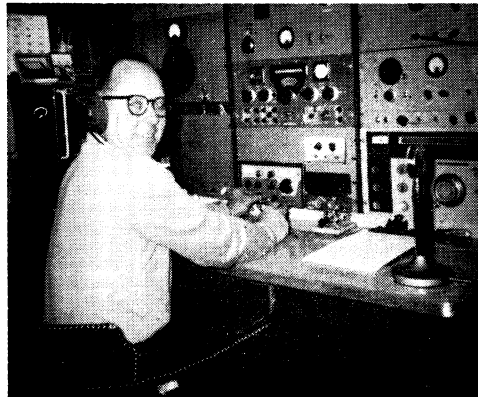
WB2PCP 102-6-6- A-10

W2TAB (K2BFF, W2ARJZ)

131,930-158-279- C-80

Western Pennsylvania

W3LOE 731,400-345-712- C-82
W3VEQ 217,728-189-385- C-76
K3KMO 186,339-179-347- B-48
K3ZMH 54,282-109-166-BC-27
W3AEIN 15,582-49-106- B-30
W3VK 363-11-11- A-6



K3MBF, one of the potent c.w. multioperators in Eastern Pennsylvania, produced a half million of those FRC club points. Shown is K3MBF who was aided by K3s JLI LJZ. The major antenna at K3MBF is a 4-L 20-meter rotary on a 130-ft. self-supporting tower accounting for 107 countries on that band.

W2FXA 100,440-135-248- C-22
WB2PGM 53,802-98-183- C-25
W2SAW 46,197-87-177- C-25
W2AGHW 44,800-83-180- C-40
W2BJH 41,325-95-145- C-25
K2TQC 31,833-81-131- B-12
W2NHY 26,492-74-123- B-40
W2PHT 23,310-70-111- A-42
W2QJ 22,572-76-99- C-15
W2DOD 22,561-77-99- C-8
K2OUS 21,840-70-104- C-30
K2LAF 20,700-60-115- C-17
WB2HZH 20,306-71-96- A-32
W2PDB 17,088-64-89- C-10
W2PCW 14,691-59-83-AB-24
K2KNV 13,167-55-77- C-10
W2VXA 12,116-52-78- B-37
W2RPP 10,650-50-71- A-19
W2SEI 4104-36-38- B-10
W2JBV 3456-32-36- C- -
W2UVE 3450-23-50- C-4
W2AOIL 234-9-9- A-6

CENTRAL DIVISION

Illinois

W9IRH 188,916-182-346- C-44
W9JGV 169,812-159-356- C-69
W9AKQU 80,682-119-226- C-50
W9UX 74,613-119-209-BC- -
W9WIO 39,897-93-143- C-12
W9EFS 38,130-82-155- C-30
W9AFMX 28,050-85-111- B-42
W9AHJM 24,921-71-117- A-36
W9ALMY 16,320-64-85- B- -
W9AKQS 13,050-58-75- C-20
W9BZW 8208-48-57- C-33
W9MZP 6348-46-46- C- -
W9DGG 6042-38-53- A-18
K9DWG 4968-36-46- B-10
W9KMN 3420-30-38- C-9
W9FNX 2340-26-30- C-8
W9EVX 2040-24-29- A-9
W9MWAA 270-9-10- A-9
K9YRA 147-7-7- B-5

K9OTB (K9s BGL OTB)

220,900-200-368- C-77

K9YHB (K9RHY, W9AEJD)

86,016-112-256- C-24

Indiana

W9IOP 696,837-327-717- C-85
W9LKI 79,380-126-210- B- -
W9AITB 54,510-115-158- B-35
K9VQK 15,996-62-86- A-38
K9PIC 630-14-15- A-5
W9AKDC 468-12-13- A-7
W9ACS 108-6-6- B-2

Wisconsin

W9EWC (W9AQW, opr.)
514,878-287-598- C-75
W9GIL 313,941-227-461- C- -
W9QYW 301,644-228-441- C-67
W9VZP 217,086-194-373- C-67
W9ICD 197,208-198-332- C-75
W9YT (K9ZMS, opr.)
138,060-156-295- C-52
W9KXK 108,504-137-264- C-45
W9NLJ 89,010-138-215- B-40
W9OW 64,974-98-221- C- -
W9SCZ 54,315-85-213- B-52
K9KKU 40,248-86-156- C-43
W9IHN 35,334-78-151- B- -
K9YBC 21,507-67-107- B-20
W9AJDK 1083-19-19- B-6
W9AAQE 546-13-14- B-10
W9APBW (K9s FWF IBI)
27-3-3- C-2

DAKOTA DIVISION

Minnesota

WA0KDI 39,897-93-143- C-44
W0AIH 16,461-59-93- C-5
W0YCH (W0AMKB, opr.)
6048-36-56- B-18
W0RXL 4410-35-42-ABC-23
W0KUI 27-3-3- B-5
W0AKQU 3-1-1- B-1
W0IVZ (W0s ISJ IVJ)
34,104-87-131- C-26

South Dakota

W0BLZ 63,345-103-205- C- -
K0CER 28,413-77-123- C-15
W0CJI 3567-29-41- B-16

DELTA DIVISION

Arkansas

K5TYW 69,469-127-183- C-25
W5GFT 12,150-54-75- B-35
WA5KUD 300-10-10- B-3

Louisiana

W5KC 235,476-211-372-AC-50
W5BUK 46,800-104-150- C-30
WA5EAM 8640-45-64- B-9
W5MOQ 4830-35-46- C-17

Mississippi

W5CKY 379,316-266-476- C-60
K5RFJ 313,782-241-434- C-65
W5MUG 112,140-140-267- C-15
W5OER 18,837-63-101- -
WA5EHC 9225-45-69- A-28

Tennessee

WA4CGA 99,000-150-221- A-43
K4SXD 77,625-125-207- A-41
W4ZWZ 9720-45-72- B-49
K4QV 4092-32-44- A-12

GREAT LAKES DIVISION

Kentucky

W4BCV 261,294-214-407- C-50
W4MPV 56,547-103-183- C-25
K4RZK 20,679-61-113- C-36
WA4ZIR 1242-18-23- B-6

Michigan

W8VSK 445,775-275-541-BC-62
W8UCI 209,223-189-369-BC-59
W8VPC 108,360-140-258- C-50
W8EW 71,568-112-213-AC-29
W8NDG 45,441-99-153- C-26
W8SJS 41,310-90-155- C-28
K8ERO 19,341-63-110- C-52
W8TJQ 19,158-62-103- A-24
K8ZVF 9027-51-59- C-16

DIVISION LEADERS

C.W.

Phone

Single Operator Multioperator

W3GRF W3MSK
W9IOP K9OTB
W0BLZ W0IVZ
W5CKY
W8FGX W8UM
W2VJN WB2MDH
W0FDL WA0HXW
W1EVT W1AW
W7SFA
K6ERV W6UMI
W4KFC W4BVV
K5STL
W4HUE W4ZYQ
W6ITA W6RW
W5BRR
VE1RB VE6GX

Atlantic

Central

Dakota

Delta

Great Lakes

Hudson

Midwest

New England

Northwestern

Pacific

Roanoke

Rocky Mountain

Southeastern

Southwestern

West Gulf

Canadian

Single Operator Multioperator

K2GX1 W3MSK
W9EWC W9YT
WA0KDI W0IVZ
W5AJY
W4BCV W8NGO
K2HLB W2SKE
W0CU WA0KKZ
W1JYH W1AW
K7UDV/7 KL7FT
K6ERV K6OHJ
W4BVV W4KFC
W0GAA W0YDM
WA4XPX WA4NGO
W6ITA
W5KTR WA5AVL
VE1PL VE6GX

W6FLT 3675-25-49- C-15
W6YLL (W6 QYW YLL)
3900-26-50-AB-14

Hawaii
KH6LJ 27,750-74-125- C-24
KH6FRI 9348-38-82- C-25
KH6FIE 9143-41-76-AB-
W6FAN/KH6
4941-27-61- B-19
KH6FON 825-11-25- A-5

Nevada
W7VIU 3588-26-46- B-6

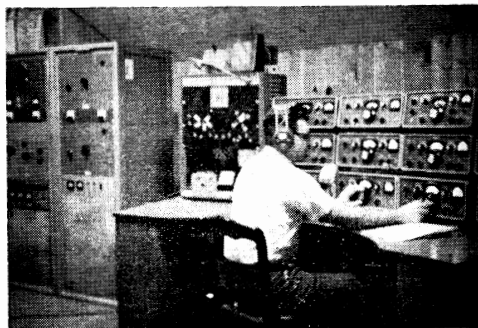
Sacramento Valley
W6GRX 217,168-196-370- C-70
W6EOU 89,914-122-247-BC-70
W6SIA 77,172-118-218- B-50
W6ONZ 27,075-95-95- C-37
W6AJDT 5310-30-59- A-27
K6DQB 2925-25-39- A-14

San Francisco
W6WB 188,616-174-362- C-
W6IVM 115-479-141-273- C-55
W6ERS 86,580-130-222- C-80
K6NCG (W6FCE, opr.)
71,955-117-205- C-67
K6IXS 31,710-70-151- C-26
K6ANP 22,878-62-123- C-24
W6ADJ 7056-42-56- B-17
WB6CMA 4422-22-67- B-21

San Joaquin Valley
W6UJ 170,850-170-335- C-80
W6KTW 160,776-174-308-BC-66
W6WWD 18,786-62-101- C-15

Santa Clara Valley
K6ERV (W6BHY, opr.)
370,500-247-500- C-85
W6WX 325,108-238-456- C-74
W6UCF 182,196-189-322- C-51
W6HOC 153,676-158-324- C-67
W6BCEP 120,498-151-266- C-70
K6HIO 114,972-143-268- C-40
K6ALH 88,375-125-236- C-72
W6BJH 86,688-126-230- C-
W6FYM 64,975-115-189- C-32
W6AYMX 63,612-114-186- C-42
W6ANYK 61,632-107-192- C-57
W6KHS 55,278-111-166- B-41
W6RFF 29,526-74-133- C-30
W6GQK (W6SRI, opr.)
29,016-78-124- C-26
WB6LEI 22,035-65-113- A-35
W6ATO 16,380-52-105- C-21
WB6KRW 14,382-51-94- A-40

W6QDE 12,495-49-85- C-14
W6ATQK 10,191-43-79- A-
W6VVR 6264-36-58- C-11
W6BVB 4371-31-47- A-9
W6QBY 3828-29-44- C-9
W6CLM 3225-25-44- C-32
W6PMK 2475-25-33- C-
WB6KMY 2337-19-41- A-17
K6OZV 2220-20-37- C-
K6VTC 720-18-40- C-4
W6JKJ 108-4-9- C-
W6UMI (W6UMI, W6SII)
204,088-194-352- C- -



W4BVV was manned solo during the phone test to top Virginia with 869,799 and multiperated by 6 of the PVRC crew for 1½ million c.w. points. In front of Tom are 4 S-lines and a KWM-2. The short rack to the left contains control units, beam indicators etc. and the large rack to the left houses four separate 4-1000Z finals.

K6OHJ (K6OHJ, W6RGG,
W6QGW)
191,862-187-342- C-64
K6LY (7 oprs.)
177,671-173-343- C-86
W4AHSM/6 (K4EID,
W4HSM oprs.)
180- 5- 12- A-26

ROANOKE DIVISION

North Carolina
W4OMW 76,614-113-226- B-39
K4ADT 39,900-95-140- B-26
W4AMQW 29,250-78-129- A-41
W4UXU 6156-38-54- A-12



W9IOP's Central Division c.w. score is an eye-opener, almost 700-K topping Indiana with one of the high single-operator code performances this test. Larry worked different 125 countries over-all in a 5-band performance producing 327 multipliers and 717 exchanges.

South Carolina
K4YYL 385,140-245-524- C-73
K4WJT 146,169-149-327- C-47
W4IKU 273,782-227-402- C-35
W4VZK 9900-50-66- B-20
WN4YZC 504-12-14- A- -

Virginia
W4KFC 990,600-381-867-AC-70
W4BFA (W4RPK, opr.)
438,126-274-533- C-68
W4ZSH 146,685-165-298- C-20

W4LHW 28,755-71-135- C-27
W4NML 8280-46-60-AC-19
W4AYDR 864-16-18-AB-7
K4KJD 210-7-10- C-3

Eastern Florida
W4HUE 487,760-280-581- C-76
W4BGO 485,248-272-590-AC-78
W4BRB 316,707-229-468- A-80
W4HOS 247,293-213-387-ABC-68
W4PXP 223,713-201-373- C-59
W4WYJ 136,431-163-279- A-37
W4WHK 124,476-164-253-AB-50
W4UJH 51,345-105-163-AB-33
K4RQE 51,150-110-155- A-22
W4ETE 45,288-102-148- C-38
W4BYE 37,074-74-167- A-52
W4NTE 22,356-69-108- A-40
W4SDK 5700-38-50- A-25
K4QJ 1764-21-28- B-
K4ZD 1122-17-22- C-
W4EEO 300-10-10- C-4
WB4CAP 75-5- A-12
W4ZYQ (W4s ZYQ ZYS)
302,967-229-443- C-76

Georgia
K4EZ 391,560-251-520-BC-69
W4DXI 321,838-244-442-AC-76
W4EPM 9555-49-65- A-23

Western Florida
K4OA 125,268-146-286- C-53

SOUTHWESTERN DIVISION

Arizona
W7IMA 118,692-157-252- B-34
W7ATV 86,496-136-212- C-41
W7AAY 36,024-79-152- C-12
W7ENA 16,530-58-95- A-11
W7BOA 1425-19-25- B-6
W7UUU 432-12-12- A-11

Los Angeles
W6ITA 501,389-286-583- C-80
W6NIX (W6AJJ, opr.)
190,920-185-344- C-84
K6KA 188,672-176-358- C-70
W6PQT 117,025-151-259- C-31
W6GLD 116,328-148-262- C-35
K6JIC 89,652-124-242- C-34
W6VNI 61,236-108-189- -
W6NKR 50,700-100-169- C-20
W6NEX 46,906-94-167- C-36
W6RCV 42,861-91-157- C-32
W6APH 34,263-81-141- C-53
W6BEU 37,296-84-148- B-35
K6GJD/6 29,484-78-126- B-25
W6KPC 28,125-75-125- C-60
W6PBI 21,321-69-103- C-40
W6AKH 20,220-60-113- A-38
K6YYQ 16,695-53-105- C-34
W6ONG 14,946-53-94- B-40
W6ANB 12,495-49-85- C-23
W6BCNO 6765-41-55- A-18
W6BKIL 6372-36-59- A-20
W4SAT/6 3861-27-48- A-25
W6IBD 3483-27-43- -
W6AM/6 12-2-2- C-1
W6RW (8 oprs.)
934,235-379-825-AC-96

ROCKY MOUNTAIN DIVISION

Colorado
K0VFN 41,322-97-142- C-38
W0JKA 8184-44-62- A-36

New Mexico
K5STL 116,208-144-269- C-53
W5WVU 74,052-121-204- C-50
W5ODJ 51,410-97-178- C-96
W8BZY/5 39,336-88-149- C-
W5HMT 8235-45-61- C-9

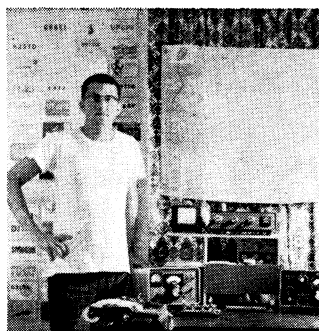
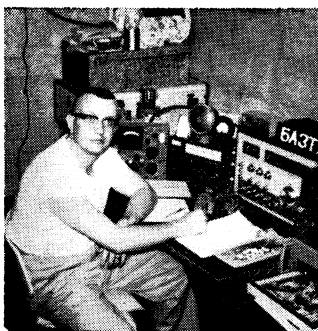
Utah
W7NPU 104,520-134-260- C-62
K7OXB 3402-18-63- C-10

Wyoming
W7PSO 26,670-70-127- C-40
W7GGG 1026-18-19- B- -

SOUTHEASTERN DIVISION

Alabama
K4NMN 71,370-122-196-AB-40
W4KVC 58,824-114-172- C-32
K4EDF 38,280-88-145- C-40

Florida
W6ULS 102,258-138-247- C-48
W6PQW 53,016-94-188- C-
W6AOJM 39,411-87-151- B-27
WB6LIV 32,417-77-141- B-40



African activity was evidenced by (L-R): **5A3TX** with almost 200-K c.w. and an additional nice phone log, **9G1FQ** top Ghana c.w. who finds this event always enjoyable and **9Q5FV**, top Republic of Congo phone.

W6JTA (W6JTA, WA6QDA,
WB6PGK)
61,692-106-194- C-60

WEST GULF DIVISION

Northern Texas

W5OGS 251,664-214-392- C-70
W5LUJ 167,007-179-311- C-70
K5BKG 105,111-153-229- C-60
K5QMC 71,955-117-205-BC-24
WA5JMK 47,595- 95-167- C-37
WA6JSI 29,868- 76-131- B- -
W5VLF 5586- 38- 49- A-17
WA5KYY 3813- 31- 41-AB-20
W5MSG 714- 14- 17- A- 6

Oklahoma

K5LMG 39,330- 90-146- C-55
W4SKI/5 25,272- 72-117- C-53
K5JVF 19,314- 58-111- B-40

Southern Texas

W5BRR 391,090-259-504- C-87
K5JZY 249,480-216-385-BC-60
W5ZD 214,890-190-377-BC-66
W5LJT 96,744-139-132- C-30
K5ABV 81,606-134-203- C-41
W5LZG 63,283-121-175- C-18
W5MCO 62,586-114-183- C-16
W5WQN 12,844- 52- 85- C-33
WA5AUZ 4590- 34- 45- C-22
WA5MUF 27- 3- 3- A-22

CANADIAN DIVISION

Maritime

VE1RB 363,490-223-550- C-51
VO1AW 109,434-122-305- A-41
VE1ZZ 41,949- 79-177- C-68
VE1WP 24,705- 61-140- A-16
VE1EK 11,850- 50- 79- A-13

Quebec

VE2NV 353,292-236-499- A-75
VE2AYU 153,990-145-354-AB-64
VE2WA 144,900-161-300- C- -
VE2CK 3564- 27- 44- B- -
VE2JD 1800- 20- 30- C- -

Ontario

VE3ES 123,120-144-285- C- -
VE3DBB 77,589-111-233- B- 5
VE3DFM 62,100- 92-225- A-33
VE3FID 56,307-137-137- C-23
VE3DKB 21,452- 62-116- B-39
VE3DGB 243- 9- 9- A- 4

Saskatchewan

VE5PM 24,340- 71-110- B- -

Alberta

VE6AKV 7215- 37- 65- B-21
VE6GX (5 oprs.) 56,289- 87-129- C-38

British Columbia

VE7BDJ 55,200- 96-193- C-55
VE7CE 36,720- 80-154- C-24

Yukon — N. W. T.

VE8BB 20,832- 56-125-AB-30

AFRICA

Portuguese Guinea

CR3AD 21,096- 24-293- A- -

Cape Verde Islands

CR4BB 195,975-65-1005- A-49

Angola

CR6AI 220,304-56-1315- B-57

CR6EI 71,250- 50-475- A-40

CR6HG 21,321- 23-309- B- -

Mozambique

CR7IZ 13,608- 24-189- A- -

Ghana

9G1FQ 82,115- 47-585- C-26

Republic of the Congo

9Q5RD 20,097- 21-319- A- -

9Q5PA 5364- 12-149- A- 4

ASIA

Iran

EP3AM 23,328- 36-216- B-36

Korea

HM5BF 48,060- 36-445- A- -

HL9US (multiopr.) 53,070- 29-610- A- -

UW9IW 9027- 17-177- A- -

UA9TR 4488- 11-136- A-12

UA9DT 1560- 10- 52- A- -

UA9MR 1218- 14- 29- A- -

UA9AG 828- 12- 23- B- -

UA9MX 486- 9- 18- A- -

UA9PO 234- 6- 13- A- -

UW9CS 216- 8- 9- A- -

UA9GF 153- 3- 17- B- -

UA9KFG (4 oprs.) 277,704-56-1704- B-96

UA9KCA (3 oprs.) 13,419- 21-213- B- -

UA9KUA (3 oprs.) 7650- 17-150- B- -

UA9KTE (2 oprs.) 1683- 11- 51- B- -

Turkoman

UH8DH 72- 3- 8- A- -

Kazakh

UL7RN 1353- 11- 41- A- -

UL7CQ 918- 9- 34- B- -

Hong Kong

VS6BJ 1896- 8- 19- A- -

India

VU2GW 1071- 9- 41- A- 4

Singapore

9VILP 70,560- 48- 500-A-40

9VIMT 612- 6- 34- A- -

EUROPE

Portugal

CT1OI 64,476- 36-597- A-50

CT18Q 7392- 28- 89- B- 7

Germany

DJ5BV 178,002-58-1046- B-66

DL1RK 108,100-46-784-A-45

DM4WPL 93,312- 48-648- B- -

DL7BQ 55,242- 33-558- B- -

DL8CM 42,180- 37-388- A- -

DL1QT 37,872- 48-263- B-23

DL6VP 28,050- 22-430- B-35

DL2YC 27,270- 18-511- B- -

DL4LG 22,050- 25-294- B-13

DL1TA 6840- 19-120-AB- 8

DL3CM 4731- 19- 83- B- -

DM2ATD 4560- 19- 80- B- -

DL6WD 3348- 18- 62- B- -

DL6HE 2244- 11- 68- B- 7

DL1JC 424- 8- 18- A- -

DM2BBE 225- 5- 15- A- -

DL0JA (7 oprs.) 34,221- 33-347- B-38

Spain

EA3KT 43,622- 34-432- A-50

EA3DT 13,450- 25-182- A-11

EA3NA 7038- 23-104- A- -

EA2CR 6165- 15-137- A- -

Republic of Ireland

EI9J 200,187-59-1134- A-34

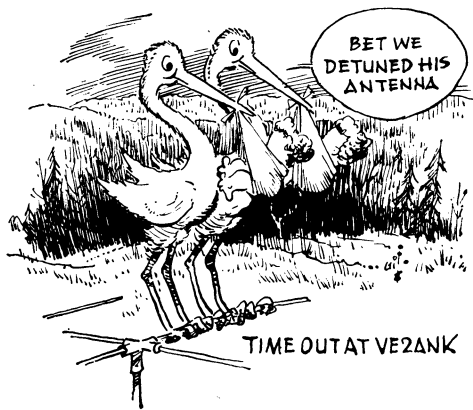
EI5F 16,375- 25-220- A-18

France

F8VJ 161,512-52-1038- A-44

90,850- 46-665- A-40

F8CS 65,106- 43-504- A- -



Liberia

EL2D 120,204- 53-756- A-21

Ethiopia

ET3AC 1764- 12- 48- A- -

Swaziland

ZD5M 1485- 11- 45- A- -

Ascension Island

ZD8AR (4 oprs.) 1,096,758-88-4251- A- -

South Africa

ZS6FN 29,160- 42-235- A- 9

ZS10 513- 9- 19- A- -

Libya

5A3TX 195,858-54-1210- A- -

Nigeria

5N2AAF 23,436- 31-252- A- -

Somali Republic

606BW 155,493-44-1226-AC-29

Republic of Guinea

7G1A 483,114-73-2220- A- -

Japan

JA1IBX 166,504-52-1069- A-52

JA1CIB 129,438- 51-846- A- -

JA1CG 56,203- 37-512- A-36

JA1DFQ 31,328- 32-333- A-27

JA8SW 20,944- 22-319- A-72

JA1LWI 6272- 14-151- A- -

JA2CPD 5628- 14-135- A-24

JA8GR 5343- 13-137- A-19

JA7BJL 3926- 13-101- A-43

JA7CVB 2010- 15- 45- A-10

JA2CUS 1908- 12- 53- A- -

JA2XI 960- 8- 40- A- -

JA2BNN 400- 5- 27- A- -

JA8CCZ 72- 3- 8- A- -

JA2CPK/1 27- 3- 3- A-12

Bonin & Volcano Islands

KG6IG (K3HPS, WA4YLP) 126,420- 43-980- C-39

Lebanon

OD5LX 18,009- 23-263- A-11

Asiatic Russian S. F. S. R.

UA9KZB 84,768- 32-883- B- -

UA9KZD 21,024- 22-263- B- -

UA9KLC 15,181- 17-298- B- -

UW0X 14,307- 19-251- A- -

UA9KZD 13,923- 21-221- B- -

F2PO 57,546-46-422- A-
 F8OP 50,280-40-419- A-
 F9OE 22,464-26-229- A-
 F8TQ 11,840-20-198- A-12
 F8TM 10,602-31-114- A-
 F6NG 8064-14-192- A-11
 F2GO 3570-10-119- A-
 F6EF 3195-15-71- A-
 F8SF 3-1-1- A-
 England

G2RO 138,701-53-877- A-51
 G2QT 117,600-50-784- A-
 G2DC 95,472-52-612- A-
 G3APN 44,550-55-271- A-40
 G6VC 31,008-34-304- A-32
 G3KSH 8208-36-228- A-8
 G3HLW 6800-25-91- A-
 G2AJB 3840-20-64- A-12
 G3SSO (8 ops.)
 414,060-67-2060- A-95

Northern Ireland

GI3OQR 387,072-64-2016- A-62

Scotland

GM2HCZ 34,020-30-378- A-21
 GM3JDR 14,208-16-296- A-
 GM3GUJ (GM3s GUJ UBK)
 63,843-39-549- A-96

Wales

GW3JI 137,000-50-916- A-
 GW3ITZ (4 ops.)
 58,820-36-545- A-96

Hungary

HA1KSA 163,080-54-1027- B-60
 HA1SD 52,299-39-447- A-32
 HA5DJ 41,144-37-377- A-
 HA1KVM 37,476-36-347- A-
 HA1VA 4182-17-82- A-
 HA1ZH 3318-14-79- A-
 HA5KQD (HA5s DI FK KDQ)
 111,390-47-797- B-47

Switzerland

HB9JG 227,563-59-1288- B-
 HB9KC 85,536-44-648-AB-28
 HB9DX 68,166-42-541- B-
 HB9RX (HB9s ADJ RX)
 54,432-36-507- B-39

Italy

I1NT 218,850-50-1459- B-49
 I1LAO 137,853-51-918- A-
 I1AV 36,371-37-337- A-
 I1KE 33,785-29-420-AB-19
 I1PPI 31,581-29-365- A-24
 I1TIGA 30,600-34-303- A-46
 I1HL 6688-19-118- A-
 Norway

LA9HC 96,360-40-803- A-35
 LA1H (LA901 opr.)
 65,568-32-705- A-35
 LA5HE 22,828-26-293- A-
 LA2Q 9056-16-189- A-49
 LA7H 8100-18-150- A-
 LA8PF 2805-11-85- A-
 LA1K (5 ops.)
 54,450-30-605- A-91

Jan Mayen

LA6XFP 3009-17-51- A-
 Luxembourg

DJ6SI/LX 2814-14-67- A-
 Bulgaria

LZ1KAA (6 ops.)
 49,440-32-575- B-73
 LZ1KKZ (3 ops.)
 15,720-20-263- B-
 Finland

OH1XX 65,310-35-633- B-
 OH2FS 11,220-17-220- B-34
 OH3MF 5778-18-107- A-
 OH5VT 2310-14-56- A-15
 OH2BEE 957-11-29- B-
 OH2YL 371-7-18- B-
 OH6VR 357-7-17- A-
 OH5UX 165-5-11- B-
 OH2AM (7 ops.)
 149,904-48-1053- B-
 OH2TI (5 ops.)
 104,841-33-1059- B-
 OH3AH (6 ops.)
 60,117-29-691- B-85

OZ1W 51,012-39-436- A-40
 OZ1LO 40,494-34-397- A-52
 OZ7X 22,194-27-374- A-46
 OZ4UN 8910-18-165- A-
 OZ7G 3660-10-366- A-
 OZ8E 3486-14-83- A-
 OZ7BG 1776-16-37- B-
 OZ4DX 972-9-36- A-
 OZ3FI 756-12-21- A-
 OZ5DX 330-5-22- B-
 Netherlands

PA0LOU 153,250-50-1043- A-60
 PA0XPQ 72,696-39-623- A-42
 PA0GMU 40,977-29-479- A-
 PA0FLX 18,720-32-196- A-
 PA0WAC 10,164-22-154- A-
 PA0VB 4920-20-82- A-
 Dodecanese

SV0WF 3-1-1- A-1
 Greece

SV0WAA 26,622-29-308- A-24
 Iceland

TF3AB 4320-18-80- A-
 European Russian S. F. S. R.

UA1ZW 9027-17-177- A-
 UA6XQ 1190-10-40- A-
 UA1SW 744-8-31- A-
 UW3CS 384-8-16- A-
 UA1KCR 336-8-14- A-
 UA3KRO 300-5-20- A-
 UA1MA 231-7-11- B-
 UA1YY 198-6-11- A-
 UW3BX 180-5-12- A-
 UA1SP 144-3-16- A-
 UA4ZA 180-5-12- A-
 UA1NA 40-2-7- B-
 UA4AZ 27-1-9- A-
 UA6KAF (2 ops.)
 41,013-49-279- A-
 UA1KUA (2 ops.)
 28,455-21-451- B-
 UA3KAO (2 ops.)
 5355-15-119- B-
 UA1KUZ (3 ops.)
 2706-11-82- A-
 Kaliningradsk

UA2KAW (LIA2s BO CA CD)
 29,634-22-449- B-
 UA2KAP (3 ops.)
 5187-13-131- A-
 Ukraine

UB5WJ 21,762-18-403 A-20
 UB5HN 480-8-20- A-
 UB5TR 415-13-29- B-
 UT5KKL 255-5-17- A-
 UT5HP 24-2-4- A-
 UB5KFF (3 ops.)
 7722-26-99- A-
 UB5KHQ (3 ops.)
 3444-14-82- A-
 UB5ARTEK (3 ops.)
 782-8-33- B-
 UB5KGL (3 ops.)
 390-5-26- B-
 White Russian S. F. S. R.

UC2AW 7776-18-144- A-
 UC2WP 2460-10-82- A-
 UC2KMZ (3 ops.)
 3105-15-69- A-
 Azerbaijan

UD6BZ 1845-15-41- A-
 Georgia

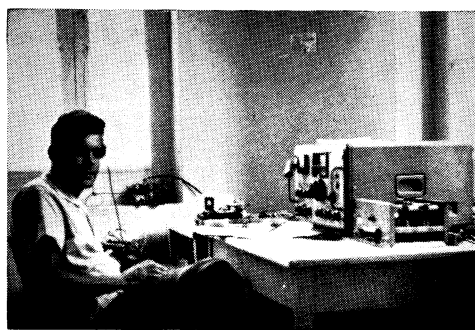
UF6LA 1728-12-48- A-
 UF6HK 105-5-7- A-
 UF6KAF (UF6s GE GM)
 24,186-29-278- B-
 Lithuania

UP2PT 6474-13-166- B-
 UP2KDA 2178-11-66- A-
 UP2KNP (5 ops.)
 98,064-36-908- B-
 UP2KBA (2 ops.)
 19,080-24-265- B-
 Latvia

UQ2HO 1980-11-60- A-
 UQ2GQ 1728-8-72- A-
 UQ2MK 255-5-17- B-
 UQ2KDM (3 ops.)
 3432-13-88- A-
 Estonia

UR2LO 4395-15-99- B-
 UR2BU 1234-11-38- B-
 Rumania

Y08DD 15,057-21-243- B-
 Y03RO 3861-11-117- A-
 Y03JW 3180-10-106- A-
 Y03CR 2604-14-62- B-
 Y07VS 1944-9-72- A-
 Y03RF 792-12-22- B-
 Y09HH 711-9-27- A-
 Y05LN 330-5-22- A-
 Y05KOL 115-5-8- A-
 Y03KSD (Y03s AAJ GU)
 6318-26-81- A-
 For a serious contester there seems hardly a better spot in the world than the Caribbean. **CO2BO** proved this point the c.w. weekends in a first-rate performance for close to a million c.w. points. Jan ran 90 watts input and operated all bands with homebrew transmitters (6146s) crystal controlled. Recognize that old OK3MM style?



OK1AA (OH1s VR WK)
 22,800-19-401- B-18
 Czechoslovakia

OK3CCC 33,300-30-370- A-
 OK1VK 30,156-28-359- B-
 OK1AHZ 21,780-33-220- A-
 OK3OM 19,248-16-401- B-27
 OK2PO 17,024-19-300- A-
 OK1AFO 7335-15-163- B-
 OK2BD 6045-13-155- B-
 OK1AEZ 4845-19-85- A-
 OK1UK 4485-13-115- B-
 OK1KDT 2604-14-62- A-
 OK3KGI 2568-8-107- A-
 OK1AJR 2310-10-73- A-
 OK1AES 2046-11-62- A-
 OK2ABU 1960-14-47- B-
 OK3CED 1776-8-74- A-
 OK2QX 1080-8-45- A-
 OK2BCI 513-9-19- B-
 OK1AOX 450-6-25- A-
 OK1KDO 180-15- A-
 Belgium

ON4XG 92,619-41-753- A-35
 ON4NM 40,194-29-462- A-
 Faroe Islands

OY6FRA (multiopr.)
 18,333-21-291- A-
 Denmark

SM5CCE 66,528-33-693- B-32
 SM5TW 42,291-37-381- B-
 SM5CEU 10,149-37-199- B-
 SM5UU 8944-26-115-B-21
 SM5BNX 7776-18-144- B-
 SL6BH (SM7CUY opr.)
 5355-17-105- A-
 SM7DVF 4452-14-106- B-
 SM3CJD 4368-14-104- A-
 SM5BTS 3008-16-64- B-
 SM5ALJ 2592-12-72- B-
 SM5BRL 1521-13-39- A-
 SM7TV 1342-11-41- A-
 SM6CMR 616-8-26- A-
 SM5BDS 75-5-5- B-
 SM6BJI (4 ops.)
 253,980-51-1663- B-60
 Poland

SP7HX 47,538-38-417- B-
 SP6AKK 41,995-37-393- A-35
 SP6AAT 24,480-30-275- B-12
 SP8MJ 18,270-30-203- B-
 SP6AKY 13,296-16-279- A-
 SP5AHL 11,730-23-170- A-35
 SP5ADZ 6900-25-92- A-
 SP6SO 2520-12-70- A-
 SP6IP 1620-10-54- B-
 SP9AMA 522-6-29- A-
 SP3AOT 456-8-19- A-
 SP8KBM (SP8s AJE ARY)
 7054-19-122- A-
 DX CONTINENTAL CHAMPIONS

DX CONTINENTAL CHAMPIONS

C.W.

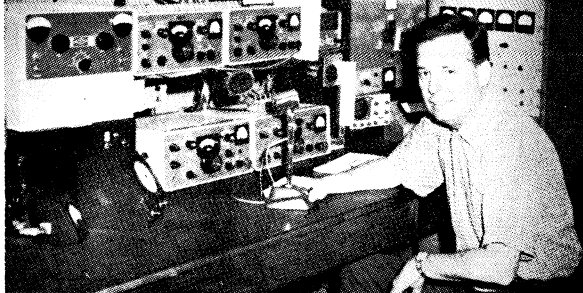
Single Operator Multioperator
 7G1A ZD8AR
 JA1IBX UA0KFG
 GI3OQR G3SSO
 CO2BO PJ5ME
 VK2EO KG6IG
 HK3RQ LU1DAY

Africa
 Asia
 Europe
 N. A.
 Oceania
 S. A.

Phone

Single Operator Multioperator
 ET3AC
 JA1IBX
 I1BAF GB2DX
 KP4CKU ZF1BP
 VR1Z KJ6DA
 HK4KL

A half-million points c.w. and even more on phone were registered by Los Angeles top single operator **W6ITA**. The 5-L on 20, 4-L on 10 and 15 and 3-L on 40 (plus an 80-meter dipole) produced fabulous reports seen in hundreds of DX logs received for this test.



PHONE SCORES

Yugoslavia
YU4JOP 840- 8- 35- A- -
YU3BC (YU3s BC LB LC)
213,512-52-1377- B-66
YU1BCD (4 oprs.)
112,894- 47-832- B-96
YU1EXY (2 oprs.)
61,308- 39-537- A- -

Guam
KG6APD 20,010-23- 290- C-10

Midway Island
KM6CE (K7RSM opr.)
157,950-54- 975- B-45

I. T. U., Geneva
4U1ITU (4 oprs.)
31,976- 28-385- C-15

NORTH AMERICA

Cuba
CO2BO 978,924-97-3364- A-86
CM2BL 263,700-60-1465- B- -

Guadeloupe
FG7XX 214,272-64-1116- A-40

Dominican Republic
HI8XAL 972,290-90-3627- C-58

San Andres & Providencia
HK0AI 609,606-71-2862- B- -

Panama
HP1IE 569,322-78-2433- A-65
HP1BR 23,256-17- 456- B-20
HP1AC 6660-20- 111- A- -

Puerto Rico
KP4BJM 419,040-72-1960- B- -
KP4BBN 306,068-68-1515- C-45
WA4MFS/KP4
67,824-36- 628- A-14

Virgin Islands
KV4CK 184,800-55-1120- B- -

Canal Zone
KZ5FX 682,560-80-2851- C-54
KZ5JF 331,062-69-1608- A-54

Sint Maarten
PJ5ME (7 oprs.)
1,167,714-87-4474- A-48

Costa Rica
TI2KR (TI2s CJH KR)
34,476-39- 295- B- -

St. Kitts, Nevis
VP2KR 61,053-47- 433- A-19

Turks and Caicos Islands
VP5AR 394,476-71-1852- A-30

Barbados
VP6PJ 140,508-54- 868- A-17

Bermudas
WB2PXX/VP9 (5 oprs.)
362,565-63-1943- A-96

Mexico
XE2AAG 100,150-50- 676- A-37
XE1AX 85,520-40- 718- B-11
XE2DD 32,400-36- 300- A-13
XE0AL (12 oprs.)
867,396-86-3362-AB-96

Nicaragua
YN1AA 119,190-58- 685- A- -
YN6BF 9288-24- 129- A- -

Cayman Islands
ZF1XX 2052-19- 36- A- 1

OCEANIA

New Caledonia
FK8AH 16,215-23- 235- A- 8

Australia
VK2EO (VK2ADY/W9WNV
opr.) 606,771-81-2497- A-78
VK3APJ 295,745-66-1497- A- -
VK2QW 242,580-65-1244- A-63
VK3AXK 123,921- 49-843- A-42
VK2VN 69,972-49- 476- A-10
VK5KO 31,650-50- 211- A-16
VK2QK 11,550-14- 275- A- -
VK3XB 6222-17- 122- A- -
VK3KS 1080-10- 36- A- -

Papua
VK9WE 1872-12- 52- A- 3
VK9TB 16- 2- 3- A- 1

Fiji
VR2DK 44,268-42- 356- A-10

New Hebrides
YJ1DL 25,029-27- 309- A- -

New Zealand
ZL1HW 129,668-44- 984- A- -
ZL3II 108,000-50- 720- A-37
ZL1DV 74,052-33- 748- A- -
ZL2PM 56,595-35- 639- A-18
ZL1AMQ 28,080-27- 347- A- -
ZL1QW 6072-22- 92- A- 8

SOUTH AMERICA

Chile
CE1AD 390,060-66-1974- B- -
CE6EF 6384-99- 112-AB- 9
CE3AG 3822-14- 91- A- 2

Bolivia
CP3CD 10,416-14- 248- A- -

Uruguay
CX1OP 39,560-43- 308- A- -
CX1FB 8910-30- 99- A- -

Colombia
HK3RQ 714,680-74-3220- C-54
HK3BAE 209,952-54-1296- B-45
HK3ASJ 39,350-25- 539- A- -

Argentina
LU3DSI 69,462-34- 681- A- -
LU5AES 57,482-41- 534- A- -
LU8BAJ 44,100-35- 420- B- -
LU1DAY (4 oprs.)
585,352-76-2583- A-90

Peru
OA4PF 376,788-68-1847- B- -

Brazil
PY2SO 620,475-75-2838-ABC-61
PY2BGL 343,125-75-1525- C-57
PY7AKQ 274,700-59-1552- A-50
PY1MCC 243,573-61-1332- C-34
PY1NO 152,496-54- 948- A-84
PY1BLG 76,222-46- 554- B-48
PY7AEE 39,270-42- 316- A- -

Venezuela
YV1DP 629,415-71-2955- B-70
YV1OB 41,240-40- 345- B-12

Trinidad
9Y4VU 60,108-42- 490- A-24

ATLANTIC DIVISION

Delaware
K3NHL 567,378-266-711- C-83
K3NYG 44,121- 77-191-ABC-30

Eastern Pennsylvania
W3BES 523,146-247-708- C-75
K3JCT 405,544-224-602- C-76
W3BGN 313,296-214-488- C-39
W3WPG 284,040-180-526- C-83
K3TPL 282,576-203-404- C-68
K3BNS 199,479-161-413- C-47
W3EQA 155,344-146-356- C-40
W3GRS 123,669-151-273- C-47
W3HHK 113,766-134-283- C-34
W3CGS 109,620-126-290- C-49
W3NOH 99,099-121-273- C-35
W3GHM 86,652-116-249- C- -
K3PSW 71,173-103-231- C-44
W3BIP 62,037-113-183- C-40
W3QMZ 52,488- 81-216- C-36
W3NM 50,797- 79-215- C-25
W3KT 48,804- 83-196- C- -
W3BYX 33,441- 71-517- A-30
W3UZF 32,472- 88-123- C-26
W3KDF 31,968- 74-144- C-20
W3GHD 15,399- 59- 87- B- 6
W3QLW 6300- 35- 60- B-16
W3ECR 3744- 32- 39- B- 3
W3IZI 396- 11- 12- A- 3
W3WJD (4 oprs.)
1,112,576-328-1132- C-96
W3MWC (K3JLI, W3MWC)
378,336-224-563- C-80
W3GHS (W3GHS, K3YUA)
34,656- 76-152- C-20
K3MBF (K3s LJZ MBF)
11,616- 44- 88- C- 7
W3KQF (K3JGF, W3KQF)
7956- 34- 78- C- 8

Maryland-D. C.
W3AZD 511,014-242-704- C-70
W3TLN 393,714-207-634- C-61
W3BWZ 284,153-191-461-AB-70
W3GRF 214,040-164-445- C- -
W3MCG 178,200-165-360-ABC-58
W3MVB 99,960-119-280- C-43
W3AXW 40,992- 96-143-AC-42
K3KME 36,984- 92-134- B-48
W3FYS 31,725-75- 141- A- -
W3ZNB 16,512- 64- 86- B-14
W3CGE 12,267- 47- 87- B-17
K3CBW 11,376- 24- 45- C-22
K3WUW 7620- 44- 55- B-32
K3UTH 1920- 20- 32- B- -
W3MSK (7 oprs.)
2,290-093-398-1918- C-96
W3AEP (2 oprs.)
225,090-183-410- C-96
K3LCH (K3s JYZ LCH)
30,396- 68-149- B-19
K3JYZ/3 (K3s JYZ LCH)
22,464- 64-117- C-20
K3QDD (K3s OAE QDC QDD)
5916- 34- 58- C- 8

Southern New Jersey
WA2IZS 222,894-174-427- C- -
W2DAJ 157,680-146-360- B-35
K2PZF 167,164-116-193- C-38
W2QKJ 64,701- 91-237- C- -
W2QDY 51,030- 81-210- B- -
W2EWR 32,943- 79-139- C-72
W2QYO 25,272- 52-162- B-39
W2ORA 15,552- 54- 96- A-19
K2AGU 6642- 41- 54- C-10
W2SDO 2016- 24- 28- C-10
K2OEA 1512- 21- 24- A- 4

WA2HSP 240- 8- 10- A- -
K2AA/2 (4 oprs.)
44,100- 98-150- A- -

Western New York
K2GXI 621,432-274-756- C-88
WB2MFX 471,040-230-683- C-84
W2QWS 197,334-171-386- C-60
WA2WVL 140,118-121-286- C-60
WA2UJM 125,934-139-302- B-75
K2IML 122,411-167-250- C-28
W2TQR 105,616-112-315- C-30
W2SSC 103,152-112-307- C-33
W2PDB 41,400- 92-150- C-27
WA2CYQ 41,208- 68-202- B-24
W2FXA 38,585- 83-155- C-20
W2FJZ 29,430- 90-109- C-18
WA2EOQ 15,975- 71- 75- B- -
WB2CON 15,732- 57- 92-AB-20
W2SNI 14,551- 53- 89- C-30
W2IYI 7134- 41- 58- C-16
K2INP 1980- 20- 33- C-4
WB2PGM 1794- 23- 26- C-6
K2KNV 969- 17- 19- C-8
K2TQC 702- 13- 18- B-2
WA2OIL 297- 9- 11- B-6
WA2JBV 189- 7- 9- C-8
W2TAB (4 oprs.)
9165- 47- 65- B-13

Western Pennsylvania
W3LOE 562,888-284-662- C-82
W3VEQ 194,880-145-448- C-74
K3KMO 103,194-126-273- B-40

CENTRAL DIVISION

Illinois
W9JCV 261,600-200-436- C- -
K9ZBI 98,736-136-242- B-43
WA9HJM 97,536-126-254- A-63
W9IRH 90,768-122-248- C-32
K9PPX 81,396-114-238- B-33
WA9KQU 70,278-106-221- C-40
K9ZJV 63,828-108-197- C-62
W9WQG 56,700-100-189- B- -
WB9WZ 20,805- 73- 95- C-46
W9MZZ 6840- 40- 77- C-21
W9WKU 4290- 26- 55- C-1
K9IDQ 3045- 29- 35- C-15
WA9OIT 855- 15- 19- A-14
W9WIO 714- 14- 17- C- 4
K9BJM (2 oprs.)
3960- 33- 40- C- 7

Indiana
W9AQW 118,272-154-256- B-51
W9ZTD 81,774-118-231- C-25
WA9CYV 32,400- 60-180- C-47
WA9BXO 1584- 22- 24-BC-10

Wisconsin
W9EWC 309,168-226-456- C-60
W9GIL 170,232-164-346- C- -
W9KXK 45,390-89-170- B-32
K9YBC 1560- 20- 26- B- 5
W9YT (K9ZMS, WA9s CBP
QMP)
88,920-130-228- C-60
WA9PBW (K9IBI, WA9GBM)
7656- 44- 58- C-14
K9FWF/9 (K9FWF, WA9BZY)
432- 12- 12- 5

DAKOTA DIVISION

Minnesota
WA9KDI 46,926- 99-158- B-49
W0IJM 15,930- 59- 90- A-29
WA9HWZ 6000- 40- 50-AB-20
WA9KEQ 3807- 27- 47- B-11

W0IVZ (W0s ISJ IVZ YDX)
56,430-110-171- C-86

North Dakota

W0RRW 22,572- 66-114- C-20
W0CAW 14,952- 56- 89- B-14
WA0GCI 1320- 20- 22- A- 6

South Dakota

K0CER 37,191- 77-161- C-20
WA0CPX 8370- 45- 62- A-26

DELTA DIVISION

Arkansas

W5QKZ 5394- 31- 58- - 6
W5RIT 36- 3- 4- B- 4

Louisiana

W5AJY 186,069-169-367- C-50
W5KC 158,256-157-336-BC-50
W5ODH 83,634-106-263- C-58
WA5GLC 31,200- 80-130- B-33
W5LXX 21,507- 67-110- A-24
WA5EAM 11,808- 48- 82- B-12

Mississippi

K5MDX 84,546-122-231-AB-26
W5OER 25,461- 69-123- -

Tennessee

WA4LSK 20,412- 54-126- C-35

GREAT LAKES DIVISION

Kentucky

W4BCV 500,181-253-659- C-80
K4RZK 55,212- 86-214- C-36
W4NWT 4095- 35- 49- B- -
WA4ZIR 12- 2- 2- B- 1

Michigan

W8TWA/8 166,815-165-337- C-84
W8DGP 140,760-170-276- C-41
W8RXY 90,243-111-271- C-42
K8OVK 87,264-108-270- C-51
W8WT 70,596-106-222- C-46
WA8RSL 7304- 44- 56- C-16
WA8CZH 900- 15- 20- A- 2
W8NGO (W8s CLR NGO ONA)
503,383-237-708- B-90
K8TIG (6 oprs.)
194,910-178-365-AB-65
WA8GUF (4 oprs.)
113,850-138-276-AC-86
WA8PMI (WA8s PIZ PMI)
2450- 25- 33- A-24

Ohio

W8FYR 156,894-158-331- C-56
K8AXG 129,630-149-290- B-51
K8YRN 129,360-154-280- C-47
WA8HXR 104,118-134-259- B-55
W8LXU 98,640-137-240- A-50
W8WC 90,925- 97-175- C-38
W8WUO 71,595-111-215- C-36
W8MCR 67,980-103-220- A-43
W8ECA 51,030- 81-210- A-42
W8MQP 47,124- 84-187- B-35
W8NAZ 35,532- 84-141- B-21
WA8LEO 32,175- 75-143- A-27
W8BF 26,220- 76-115- C-14
W8CFG 23,004- 71-108-AB-22
W8KYY 20,178- 59-114- B-22
W8LJZ 18,762- 53-118- C-33
K8TBQ 18,126- 53-114- B-42
WA8KPO 16,068- 52-103- C-20
W8NPF 15,930- 59- 90- C-25
WA8DNT 11,439- 41- 93- A-16
K8BSM 11,169- 51- 73- A-19
WA8HAX 10,374- 38- 91- A-16
W8YGR 10,140- 52- 65- B- 8
K8DWQ 11,094- 43- 86- C-22
W8IBX 7560- 40- 63- A-11
W8CHX 7056- 42- 56- C-16
WA8FCH 6480- 40- 54- A- 9
W8ZJM 5880- 40- 49- A- 5
W8DWP 3276- 26- 42- A-21
WA8ETX 624- 13- 16- A- 1
W8AJW 27- 3- 3- A- 1
K8PYD 12- 2- 2- C- 1
K8PXD 3- 1- 1- C- 1
W8EDU (4 oprs.)
44,856- 89-169- C-46

HUDSON DIVISION

Eastern New York

K2OIX 28,677- 79-121- B-14



W4BRRB, one of the low-power champs with over 300-K c.w. in Eastern Florida. Gene's maximum input was 120 watts using a 32V-1, plus a modified AT-1 for 160 and a 75A-2 to supplement a superlative pair of ears. He says these were his "finest hours."

K2AJA 756- 14- 18-AC- 2
W2VTR 624- 13- 16- C- -
W2SKE/2 (K2UYG, W2s IWC
SKE) 384,336-204-628- C-54
WA2OJD (WA2s OJD TIF
UKS) 156,000-160-325- B-49

N.Y.C.-L.I.

WB2MDH 187,461-159-392- C-48
W2VTR 181,440-160-378- C-53
W2EXH 180,624-106-568- C- -
W2CKK 178,294-166-358- C- -
K2DGT 148,248-142-348- C-65
W2BFON 142,128-144-329- C-60
K2CHQ 127,296-144-296- B-50
W2FSK 46,440- 86-180- C-30
WB2CKS 11,580-110-126- C-17
W2KJR 41,168- 83-166- C-20
WB2RIJ 24,723- 67-123- A-24
K2QOU 19,620- 60-109- B-26
WA2ZS 11,952- 48- 83- C-21
WA2UJ 11,040- 46- 80- B-10
W2PCJ 4992- 32- 52- C- 7
W2AYJ 3366- 33- 34- C- 3
WA2EFN 3132- 29- 36- C- 3
WB2FOV 2880- 30- 32- C- 4
WB2FAJ 816- 16- 17- B- 4
WB2MJD 360- 10- 12- A- 3
WA2FQG (WA2FQG, WB2CKO)
71,280- 99-240- B-30
WA2LQO (K1YRB K2s IYK
UAT) 2850- 25- 38- C-10

Northern New Jersey

K2HLB (W2VCZ, opr.)
317,781-201-527- C-36
W2FFQ 91,440-120-254- B-60
W2JJS 66,433-103-215- B-24
W2AGM 48,576- 88-184- C-40
W2IUV 35,520- 80-148- A-23
WB2KQC 6688- 38- 59- A- -
WB2OHK 6549- 37- 59- C- 7
WB2VFT 6156- 36- 57- A-24
WB2QGB 4557- 31- 49- C- 7
W2MNV 855- 15- 19- A-20
W2HL 756- 14- 18- C- 2

MIDWEST DIVISION

Iowa

W0LBS 188,046-186-337- C-60
W0IYH 72,885-113-215- C-53
W0FDL 71,955-117-205- C-48
K0FLJ 12,100- 55- 74- A- -
WA0FWN 4350- 29- 37- B-23
WA0IRP 3219- 28- 37- B-23
WA0KRL 1482- 18- 26- A- 9
W0KER 1254- 19- 22- B- 6
WA0HXW (4 oprs.)
28,440- 79-120- C-21
W0DSP (W0DSP, WA0LJS)
17,940- 65- 92- C-16

Kansas

K0BHM 24,276- 68-119- C-33
W0YUQ 16,008- 58- 92- B-19

Missouri
W0CU 208,653-157-443- C- -
W0LBB 85,278-122-233- C-56
W0GNX 41,571- 93-149- B-47
K0IFL 7881- 37- 71- A- 8
WA0AJV 6360- 40- 53- A-10
K0YIP 3534- 31- 38- A- 9
K0IPJ 243- 7- 9- C- 4
K0JPL 243- 9- 9- B- 2
WA0KXZ (4 oprs.)
122,925-149-275- C-96

Nebraska

K0SCM 77,910-106-245- C-53
WA0MOB 30,240- 80-127- C-28
W0LZR 2376- 24- 33- B-24
WA0HGY 1449- 21- 23- B-11

NEW ENGLAND DIVISION

Connecticut

W1BIH 162,498-159-341- C-28
W1BGD* 84,750-125-226- B-60
WA1DJG 5100- 34- 51- A-24
WA1EJB 2604- 28- 31- C-12
W1JMY* 144- 6- 8- B- -
W1AW (4 oprs.)
144,102-146-329- C-68
WA1APY (WA1s AHQ APY)
20,679- 61-113- C-27

Eastern Massachusetts

W1JYH 509,010-235-722- C-65
K1HVV 361,884-212-569- C- -
K1SCQ 68,400- 80-285- C-45
W1FJF 96,744-139-232- C-30
WA1CTN 44,436- 92-161- C-28
W1EJE 34,272- 68-168- A-17
WA1EOX 12,096- 36-112- A-30
W1TKG 7140- 35- 68- A-14
W1BVP 5439- 37- 49- A-26
W1PLJ 3750- 25- 50- B-14
W1VVR 3612- 28- 43- C- 8
W1MO 2938- 26- 38- B- -

Maine

K1RQE 279,840-176-530- C-53
W7UXP/1 137,013-109-419- C-38
W1FDL 11,055- 55- 71- B- -

New Hampshire

K1OBT 96,513-104-310- B-33
K1NBN 71,820-114-210- B- -
K1CTQ (WA60JM, opr.)
49,128- 92-178- B-25

Rhode Island

W1YRC 86,760-120-241- C-25
K1USJ 82,026- 98-282- C-42
W1GOG 10,836- 43- 84- B-11
W1AWE 9840- 41- 80- B-16
K2KMF/1 1035- 15- 23- A- 3

Western Massachusetts

W1RF 163,898-161-348- C-40
W1FAB 45,360- 90-168-AC-46

NORTHWESTERN DIVISION

Alaska

KL7FMM 7140- 20-119- B-13
KL7EFT (4 oprs.)
26,334- 57-154- C-21

Montana

W7RLL 27,900- 50-186- C-23

Oregon

W7RVM 9720- 40- 81- B-20
WA7ABW 7980- 38- 70- C-10
K7STK 5487- 31- 59- C- 8
W7DLR 5481- 29- 63- C-12
WA7CGR 152- 4- 13- A- 4
W7BTH 75- 5- 5- B- 1

Washington

K7UDV/7 243,036-172-471- C-68
K7VAL 104,664- 98-356- C-54
K7QWI 91,887-109-281- C-65
W7MX 10,449- 43- 81- C-21
W7MH 6324- 34- 62- A-21
K7YDZ 3525- 25- 47- B-24

PACIFIC DIVISION

East Bay

W6LDD 68,526- 94-243- C-32
W6PQW 44,943- 71-211- B- -
WA6UUS 42,282- 68-243- C-35
W6BSY 38,376- 82-156- C-25
WA6HAE (W6RGG, WA6HAE)
124,488-133-312- B-96

Hawaii

KH6IJ 94,860- 85-372- C-36
KH6FRL 35,750- 55-218- C-55
W6PAN/KH6
31,506- 59-178- A-36
KH6FQB 21,996- 47-156- B- -

Nevada

W7KOI 5032- 34- 50- C-22

Sacramento Valley

W6SIA 53,568- 96-186- B-36
W6GVW 51,975- 77-225- C- -
WA6JDT 792- 11- 24- A-12
WB6MZX (WB2OVH, WB6MZX)
4773- 37- 43- B-15

San Francisco

W6WB 54,684- 93-196- C- -
W6ERS 10,535- 43- 82- C-40
K6LXS 2304- 16- 48- C- 9
WA6AUD 2016- 21- 32- B-11

San Joaquin Valley

W6MMH 561- 11- 17- B-14

Santa Clara Valley

K6ERV 304,395-195-521- C-70
W6WX 264,060-180-489- C-74
W6VUW 90,843-107-283- C-41
W6CUP 28,992- 64-151- C-17
W6FYM 18,939- 59-107- C-24
K6UXV 10,395- 45- 77- B-27
W6LV 5558- 38- 47- B-17
K6ALH 6300- 35- 60- C-40
W6ZKM 5952- 32- 62- C-20
W6VVR 5168- 34- 51- C-25
K6HOR 4182- 34- 41- B-10
K6LY (WA5FRL, opr.)
2057- 17- 41- C- 4
W6HOC 1620- 18- 30- C- 3
W6QBY 1302- 14- 31- C- 4
K6OZY 336- 8- 14- C- -
W6JKJ 45- 3- 5- C- -
K6OHJ (W6BHY, K6OHJ)
459,192-212-722- C-94
W6UMI (WA6SII, W6UMI)
210,330-171-410- C- -

ROANOKE DIVISION

North Carolina

WA4TLI 88,128-108-272- C-30
K4KZC 46,800-100-156- A-36
WA4KWC 120- 5- 8- A- 3

South Carolina

K4MSK 261,855-165-529- C-55
K4YYL 247,923-163-507- C-51
K4WJT 156,021-131-397- B-50

Virginia			Los Angeles		
W4BVV	869,799-291-997-AC-79		W6ITA	576,675-233-825- C-82	
W4BFA (W4ARPk, opr.)			W6LDA	148,212-138-358- C-47	
	436,821-217-673- C-66		K6KA	100,233-111-316- C-80	
K4AQQ	373,032-198-628- C-65		W6NJU	48,804- 98-166- C-48	
W4NJF	267,273-171-521-BC-58		W6PQT	20,178- 57-121- C-16	
K4CG (K3WUW, opr.)			W6ANB	13,677- 47- 97- C-21	
	72,594-109-222- C-37		W6RCV	8436- 37- 76- B-17	
W4JVU	15,675- 55- 95-AC-26		W6LCS	5610- 34- 55- B-24	
W4DKU	8250- 50- 55-AC-26		W6BURS	5355- 35- 51- A-12	
W4GF	8184- 44- 63-AD-10		K6JIC	4446- 26- 57- C- 7	
W4WBC	5772- 37- 52- C- 8		W6NKR	2160- 20- 36- C- 6	
W4ZM	3645- 27- 45- B- 3				
K4PRT	3078- 27- 38- B- 6				
W4WSF	396- 11- 12- B- 3				
W4KFC (W1FRR, W4KFC)			W6LCX	123,816-134-308- C-64	
	7560- 45- 56- A- 5		W6JMV	90,420-110-274- C-60	
			W6RKP	88,822- 89-334- -	
			W6BOJU	20,340- 60-121- C-96	
West Virginia			Orange		
W8DAU	113,664-128-296- B-52		W6LCX	123,816-134-308- C-64	
W8A8N	48,786- 94-173- B-40		W6JMV	90,420-110-274- C-60	
K8UZX	1638- 21- 26- C- 3		W6RKP	88,822- 89-334- -	
W4WSF/8	684- 12- 19- B- 3		W6BOJU	20,340- 60-121- C-96	
W8AQYK	3- 1- 1- A- -				
Rocky Mountain Division			San Diego		
			W6GGI	1275- 12- 25- B- 9	
Colorado			Santa Barbara		
W0GAA	85,995-105-273-AC-57		W6GRX/6	90,384-112-269- C-53	
W0YDM (W6YDM, WA0s IMX IOR)	168,276-148-379- C-77		W6EYP	7720- 40- 63- C-13	
			W6BLV	4020- 30- 46- B-12	
New Mexico			WEST GULF DIVISION		
K5STL	72,468-122-198- B-50		Northern Texas		
W8BZY/5	4128- 32- 43- C- -		W5KTR	265,359-197-450- C-70	
W5EQT/5 (K5CLV, W5EQT)			W5OGS	140,343-163-287- B-65	
	111,580-140-267- B-78		W5ALB	109,032-132-276- C-33	
Utah			W5NVY	76,560-116-220- C-43	
W7NPU	55,803- 89-209- C-56		W5LUJ	63,690-110-193- C- -	
W7LEB	14,700- 50- 98- B-12				
Wyoming					
W7PSO	1056- 16- 22- C- 3				

ROCKY MOUNTAIN DIVISION

Colorado

W0GAA	85,995-105-273-AC-57
W0YDM (W6YDM, WA0s IMX IOR)	168,276-148-379- C-77

New Mexico

K5STL	72,468-122-198- B-50
W8BZY/5	4128- 32- 43- C- -
W5EQT/5 (K5CLV, W5EQT)	111,580-140-267- B-78

Utah

W7NPU	55,803- 89-209- C-56
W7LEB	14,700- 50- 98- B-12

Wyoming

W7PSO	1056- 16- 22- C- 3
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SOUTHEASTERN DIVISION

Alabama

WA4GCS	253,602-193-438- C-64
WA4WAO	99,665-155-215- B-33
W4CYC	44,745- 95-157- C-22
W4HA	31,257- 69-151- B-20
W4LHW	22,509- 61-123- C-21
K4KJD	297- 9- 11- C- 3
WA4GNK	192- 8- 8- A- 2

Eastern Florida

WA4PXP	661,380-292-755- C-81
W4FRO	159,768-168-317- C-55
W4DRK	66,240-115-192- C-51
WA4II0	13,500- 45-100- C-23
W4E0E	630- 14- 15- C-10
K4RQE	108- 6- 6- A- 1
WA4NGO (5 oprs.)	450,720-240-626- C-48

Georgia

WA4ARV	252,324-172-489- B-75
K4EZ	65,712-111-199- B- -
WA4TWQ	21,708- 67-108- B- 5

Western Florida

K4ZJF	245,520-186-440- C-6
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SOUTHWESTERN DIVISION

Arizona

W7AYY	27,522- 66-139- C16
W7ATV	8364- 41- 68- C-18
W7ENA	216- 8- 9- A- 2

Los Angeles		
W6ITA	576,675-233-825- C-82	
W6LDA	148,212-138-358- C-47	
K6KA	100,233-111-316- C-80	
W6NJU	48,804- 98-166- C-48	
W6PQT	20,178- 57-121- C-16	
W6ANB	13,677- 47- 97- C-21	
W6RCV	8436- 37- 76- B-17	
W6LCS	5610- 34- 55- B-24	
W6BURS	5355- 35- 51- A-12	
K6JIC	4446- 26- 57- C- 7	
W6NKR	2160- 20- 36- C- 6	
Orange		
W6LCX	123,816-134-308- C-64	
W6JMV	90,420-110-274- C-60	
W6RKP	88,822- 89-334- -	
W6BOJU	20,340- 60-121- C-96	

San Diego

W6GGI	1275- 12- 25- B- 9
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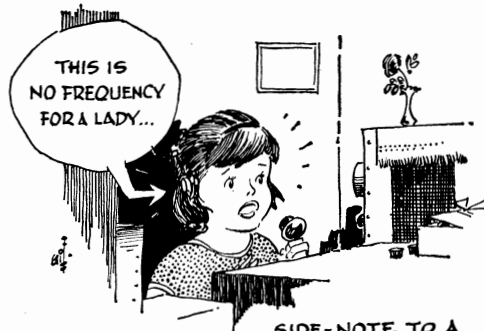
Santa Barbara

W6GRX/6	90,384-112-269- C-53
W6EYP	7720- 40- 63- C-13
W6BLV	4020- 30- 46- B-12

WEST GULF DIVISION

Northern Texas

W5KTR	265,359-197-450- C-70
W5OGS	140,343-163-287- B-65
W5ALB	109,032-132-276- C-33
W5NVY	76,560-116-220- C-43
W5LUJ	63,690-110-193- C- -



SIDE-NOTE TO A
YL, OVERHEARD IN A
10-METER PILE-UP

K5QMC	58,656-104-188- B-70
W5PTG	40,128- 88-152- C-32
W5JSI	34,935- 85-137- B- -
W5IPH	27,594- 73-126- C-16
K5BXC/5	3861- 33- 39- B- 8
W5MSG	12- 2- 2- A- 2
WA5AVL (WA5s AUS AVL)	196,416-176-372- C-96

Oklahoma

WA5LOB	41,612-101-138- A-34
WA5HTS	35,757- 87-137- B-30
W5EHR	19,998- 66-101- A-24

Southern Texas

K5JZY	230,958-182-423-AC-68
W5LZZ	75,516-116-217- B-42
W5LJT	20,928- 64-109- C-14
W5BRR	18,297- 57-107- C-10
WA5IPM	4860- 30- 54- A-11

W5RO	3906- 31- 42- B- -
W5EDX	588- 14- 14- B- -

CANADIAN DIVISION

Maritime

VE1PL	309,206-206-501- C-65
VE1AFY	173,808-136-426- C-41
VE1NV	90,889- 97-313- C-55

Quebec

VE2ANK	211,680-160-441- C-50
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Saskatchewan

VE5DP	18,060- 60-101- A-38
VE5GF	2964- 26- 38- B-12

Alberta

VE6MF	63,609- 91-233- C-42
VE6BR	59,940- 90-222- C-45
VE6IN	11,745- 45- 87- C- -
VE6AKO	10,578- 41- 86- B-30
VE6GN	8820- 42- 70- B-12
VE6GX (8 oprs.)	116,466-118-329- C-40

British Columbia

VE7PV	221,850-150-493- B- -
VE7AAV	48,843- 81-201- C-48
VE7BDJ	648- 12- 18- B- 3

Yukon-N.W.T.

VE8BB	26,880- 64-140- B-44
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AFRICA

Angola

CR6HG	52,650-39- 450- B- -
CR6HF	27- 3- 3- B- 7

Mozambique

CR7FR	75- 5- 5- A- -
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Ethiopia

ET3AC	96,390-35- 918- A- -
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Seychelles

VQ9EF	195- 5- 13- A- -
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Swaziland

ZD5R	38,892-28-463- A- -
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South Africa

ZS6FN	24,651-33- 249- A- 8
ZS6NM	11,880-12- 330- A- -

Libya

5A3TX	15,980-20- 267- A-20
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Nigeria

5N2AAF	17,850-25- 238- A- -
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Sierra Leone

9L1JW	39,798-18- 737- A-20
9L1HX	26,901-21- 427- B- -

Republic of the Congo

9Q5FV	35,760-20- 597- A-42
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ASIA

Iran

EP3AM	44,544-32- 464- B-36
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In an excellent "first-try" in an ARRL contest, 15-year-old **G3UML** took top phone honors for England. Laurie scored 137,664 points and almost 1000 contacts. He found 75 particularly good although there appeared to be a scarcity of W/VE stations on that band.

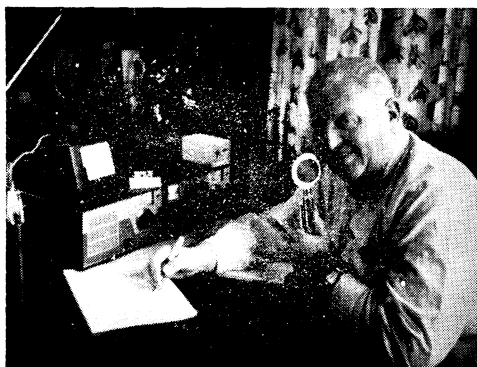
October 1966

From October 1966 QST ©ARRL





VE1PL, top Canadian phone with over 300-K, feels the test is about the only time to say hello to friends each year. Sort of like sending Christmas cards!



OT W2IU has been a regular in DX contests for most of his 42 years of hamming. Chas. got a particular thrill out of that Sunday opening on 10-phone.

<i>Korea</i>			<i>England</i>			<i>Switzerland</i>			<i>LA1H (LA9OI opr.)</i>		
HM5BF	16,254-21-	258- A -	G3UML	137,664-48-	956- A-51	HB9DX	2760-10-	92- B -	LA5HE	9456-16-	199- B-16
HL9US (6 oprs.)	48,096-32-501-	A -	G2QT	88,215-45-	609- A -	HB9RX (HB9s ADJ RX)	882- 9-	33- B- 3	LA4ZB	4752-18-	88-AB- -
			GB2DX(4 oprs.)	305,816-56-1823-	B-88				LA4LG	1806-14-	43- A -
			G3SVH (G3s NLY PLD SVH)	210,936-47-1496-	B-42	<i>Italy</i>			LA1K (LA 1EE 3JT)	1581-11-	48- A- 2
<i>Japan</i>						IIBAF	362,691-57-2121-	B-44		29,568-28-	352-AB-92
JA1IBX	102,256-44-	777- A-42				IILAO	28,928-32-	303- A -	<i>Austria</i>		
KA7AB	101,205-39-	865-AB-28				I1KE	1800- 8-	75-AB- -			
JA8AA	35,872-19-	630- C -				I0FGM (4 oprs.)	241,733-53-1521-	B-52	OE2EGL	165,120-43-1280-	A -
JA8CKC	35,700-34-	351- A-26	<i>Wales</i>			IICAQ (IIs CAQ CZW)	55,180-20-	923- B-22		<i>Finland</i>	
JA1CG	26,610-30-	301- A-25	GW3NWW (GW3s DIX NWW)	192,780-54-1190-	C-64	IICGE (IIs CGE FLD)	44,190-30-	495- B-16	OH2TI (OH5SE opr.)		
JA2BAY	6501-11-	198- B-24							OH5SM	32,475-25-	449- B -
JA1RJU	5616-13-	144- A -	<i>Hungary</i>			LA9HC	26,892-27-	332- A-35	OH2WI	31,475-25-	420- B -
JA1DDZ	4650-10-	155- A -	HA5KBB (3 oprs.)	11,220-17-	220- C -				OH2CP	4230-10-	141- B -
JA7DY	4257-11-	129- A -							OH8OS	3068-13-	79- A- 5
JA0BLU	3456- 9-	128- A -							OH2AM (5 oprs.)	157,686-41-1282-	B -
JA5BJM	1260- 9-	47- A-14								<i>Aland Islands</i>	
JA8AIP	864- 9-	32- A-11							OH0NI	1215-15-	27- B -
JA8GR	810- 5-	54- A- 5							OH0NJ	120- 4-	10- A -
JA1ITE	405- 9-	15- A -								<i>Czechoslovakia</i>	
JA1PAH	322- 7-	16- A -							OK1MP	117,219-41-	953- B-43
JA1KPA	180- 6-	12- A- 3							OK1AHZ	2340-13-	60- A -
										<i>Belgium</i>	
<i>Lebanon</i>									ON8UA	17,651-19-	310- A-22
OD5BZ	69,597-33-	703- A-25							ON4ZU	5976-12-	166- B -
<i>Asiatic Russian S.F.S.R.</i>										<i>Denmark</i>	
UA0KKB	15,390-19-	270- B -							OZ9SL	206,100-50-1374-	A-32
									OZ3SK	70,383-29-	809- A -
<i>Hong Kong</i>									OZ3Y	34,254-33-	346- A-20
VS6AJ (OZTSM, opr.)	12- 4-	1- A -							OZ3KE	24,702-23-	358- A-18
									OZ7DX	2522-13-	65- A- 8
<i>Israel</i>									OZ7HM	1323- 9-	49- A -
4X4FV	3564-11-	108- A -							OZ1RH	336- 7-	16- B -
									OZ7BG	165- 5-	11- A -
									OZ3FI	3- 1-	1- A -
EUROPE										<i>Netherlands</i>	
<i>Portugal</i>									PA0EEM	68,727-31-	739- A -
CT1IW	14,904-23-	316-ABC-13							PA0DEC	27,950-26-	459- A-18
CT1SQ	2244-17-	44- A- 2							PA0LOU	17,472-26-	227- B-10
CT1BB	2160- 9-	80- B -							PA0XPQ	8778-22-	133- A-15
<i>Germany</i>										<i>Sweden</i>	
DJ6QT	284,160-60-1580-	B-66							SM7CRW	68,758-31-	741- B -
DL1LK	192,132-54-	1186- B -							SL6BH (SM7CUY opr.)	38,970-30-	433- A -
DJ5BV	176,073-57-	1037- B-60							SM5WT	6345-15-	141- B -
DL4LG	126,621-33-	1279- B-28							SM8ALJ	81- 3-	9- B -
DJ0LDA	83,196-36-	772- B-38							SM6DLL (4 oprs.)	197,280-48-	1370- B -
DJ5HN	50,406-31-	542- A -								<i>Poland</i>	
DL4NS	43,065-29-	496- B-46							SP7HX	4545-15-	101- B -
DL6VP	42,050-25-	562- B-26								<i>Greece</i>	
DJ1SX	28,804-19-	522- B-28							SV1BL	8532-12-	237- A- 7
DJ8YQ	5967-17-	117- A-15								<i>Dodecanese</i>	
DL0HC	5472-16-	114- B-14							SV0WF	4004-11-	122- C -
DL1TA	3213- 7-	153-AB- 9								<i>European Russian S.F.S.R.</i>	
DL6JJ	2196-12-	61- B -							UA1IG	5130-15-	114- B -
DJ9MH	1464- 8-	63- A -									
DM3XED	1950-10-	65- A -									
DL3RA	1344-14-	32- A -									
<i>Spain</i>											
EA4GZ	142,545-43-	1105- A -									
EA2EL	10,992-16-	229- B -									
EA4DO (2 oprs.)	173,826-54-	1075- A-84									
<i>France</i>											
F3KW	65,205-35-	621- A -									
F2SY	35,853-19-	629- A -									



As he promised after the last test, **I1BAF** had a new antenna ready for this one. Mino used a 5-element wide-spaced array atop a home-built 100-foot tower. On the other bands: dipoles 80-foot up for 40 and 75, and 3 elements 60-foot up for 15 meters. Final results an outstanding two-thousand plus contacts.

UW3BJ 2170-10- 77- B- 4
 UA3KAG 483- 7- 23- B- -
 UA3KAO 27- 3- 3- B- -

Kaliningradsk

UA2KBD (3 oprs.)
 31,521-19- 553- A- -

Ukraine

UB5WJ 20,880-20- 351- A-15
 UB5FG 546- 7- 26- A- -
 UB5ARTEK (2 oprs.)
 306- 6- 17- B- -

White Russian S.F.S.R.

UC2BF 714- 7- 34- A- -

Lithuania

UP2OK 33,534-23- 486- B- -

Yugoslavia

YU3BC (YU3s BC LB LC)
 108,231-43- 839- B-60

Cyprus

ZC4RM 6864-16- 144- A-24

I.T.U., Geneva

4U1ITU (4 oprs.)
 34,350-25- 469- C-22

NORTH AMERICA

Cuba

CO2FA 32,487-39- 279- A- -
 CO8RA (2 oprs.)
 84,456-51- 552- A-33

Guadeloupe

FG7XL 542,724-71-2551-AC-60

Saint Martin

FS7RT 642,300-100-2141- A- -

Dominican Republic

HI8XAL 340,470-65-1746-BC-23

Panama

HP1JC 32,280-78-1420-AB-37

Guantanamo Bay

WA4FIJ/KG4
 14,124-22- 214- A- 9

Puerto Rico

KP4CKU 790,395-79-3335- B- -
 WA4MFS/KP4
 88,725-35- 845- A-39

KP4BFF (K3SBF, WA5BGW,
 K9KYE)
 399,924-69-1932-AB-52

Virgin Islands

KV4CF 357,222-58-2053- A-35

Canal Zone

KZ5FX 65,415-49- 450-BC-16

Greenland

OX3JV 118,266-46- 857- B-40



HM5BF (shown with his XYL HM5BG) submitted winning logs for both test modes. Kim runs 100 watts input to a homebrew 811 transmitter and uses quads on 20 and 15, verticals on the lower bands.

Guatemala

TG8CJ 244,776-56-1457- A-44

Costa Rica

TI2AAC (TI2s AAC KR)
 168,012-52-1077- B- -

Antigua

VP2AC 35,397-23- 521- A-15

Anguilla

VP2KY (W9s IIC QUU)
 152,703-57- 893- A-44

St. Kitts, Nevis

VP2KR 67,056-44- 509- A-29

Turks & Caicos Islands

VP5AR 362,043-69-1747- A-40
 VP5RS 10,080-20- 168- A- -

Mexico

XE2JZ 182,195- 65-936- A-29

Nicaragua

YN3KM 102,771-57- 601- B-24
 YN1TP 52,632-34- 516- B-40
 YN3FP 48,060-45- 356- C- -

Cayman Islands

ZF1BP (4 oprs.)
 494,364-78-2115- A-38

Jamaica

6Y5OF 206,115-65-1057- A-39
 6Y5BS 134,520-57- 791- A-24

OCEANIA

Guam

KG6APD 36,738-26- 471- C-16

Johnston Island

KJ6DA (WA1FDW, K4DRD,
 K9OAZ) 46,740-41- 380- B-19

Midway Island

WA9GFS/KM6
 3318-14- 79- C- 2

Australia

VK2APK 59,394-38- 521- A- -
 VK3ATN 49,248-48- 342- A-10
 VK4LT 33,048-36- 306- A- -
 VK2WD 27,693-51- 181- A-17
 VK3ARX 15,912-17- 312- A-13
 VK3ZR 9135-29- 105- A- -
 VK3XB 1485-11- 45- A- -
 VK3AWI/P 414- 6- 23- A- -

Check Logs: (C.W.) W1FDL W1JKB WB2BTW W2EGI WB2ODI
 W2PXL W3BVO W3NNL K4BD W4JUK W6DQZ WB6IUH
 W6PIZ W7LNG KL7PI W8EGR W8FEM W8FLX W9PWM
 K0HIL K0IR VE4MF VO2AI CX2FD DJ2RE DM2CEL
 DM2RYO DM4BO EI9F F3TZ HK3ADO LA4LG OH1SH OH3YH
 OH0NI OK1ALG OK1ALZ OK1DK OK1US OK2BZR OK2KLI
 OK2KOS OK3DEG OK3KAS OK3XW OZ4H PY2BKO SM5BXT
 SM5DFM SP2IU SP6AZY SP9ZW/6 UA1ZM/MM UC2AR
 XE1KD YO8CI ZE3JJ ZL1HY 9V1MT: (PHONE) W1DEP
 WB2QKS W4DS W4HOS WA4TXD W4LYJ W6EUF WB6IUH
 W7LNG W8EGR W8PCS W9MG W9UAZ K0HIL K0IR VO1AW
 VO2AI VE2DYB VE3EWE CP8AB DL1RO DJ2RE KP4AXM
 OH1SH OH2AF OK1FV OK3GI OZ3FI SM5BFI SM5BUT
 SM5CAK SM51C SM5MC SM6AEK.

QST

VK3KS 120- 5- 8- A- -
 VK2FU (2 oprs.)

23,307-17- 457- A-29
 VK3AAH/P (VK2s AAH SG
 19,608-19- 344- A- -

Papua

VK9DJ 8262-17- 162- A- -

Gilbert Islands

VR1Z 71,400-34- 700- A- -

New Zealand

ZL1HW 56,256-32- 586- A- -
 ZL1AGO 7236-12- 201- A- -
 ZL4BO 4872-14- 116- A- -

SOUTH AMERICA

Chile

CE6EZ 115,986-39- 993- C-46
 CE3CG 47,040-35- 448- B-33
 CE8CM 23,670-30- 263- B- 7

Ecuador

HC1TH 420,003-69-2029- B-40
 HC1RT 395,541-71-1857- C-31

Colombia

HK4KL 560,664-78-2396- B- -
 HK3RQ 478,000-73-2186-ABC-35
 HK3AYA 7425-15- 165- A- -

Peru

OA1W 208,824-66-1056- C-26
 OA7AX 27,180-30- 302-BC-14

Netherlands Antilles

PJ2CR 326,000-68-1600- A- -
 PJ3CD 239,355-45-1773- A- -

Brazil

PY2BJO 400,554-77-1734- B- -
 PY3BAD 68,770-46- 507-AC-17
 PY2BGO 720-10- 24- C- 1

Venezuela

YV1IK/5 132,328-56- 788- B- -

Paraguay

ZP9AY 54,702-27- 678- A-23

Trinidad

9Y4VU 231- 7- 11- A- -



On the left, **6Y5OF**, just newly licensed and top Jamaica phone with over 200-K. On the right, **KP4CKU** (now W9JOE) one of the big test scores almost 800-K phone with 3335 vocal two-ways.

