

In May of 1970, the ARRL Board of Directors authorized the holding of a new event. Some months later, after correspondence with the ARRL Contest Advisory Committee and interested "Top Banders", rules were formulated and the ARRL 1st 160-Meter Contest was held on December 12-13, 1970. What follows are the results.

REPORTED BY AL NOONE, \*WAIKQM

**T**HE FIRST ARRL 160-Meter Contest appears to have turned out very well. Many commented that they had never heard "Top Band" so crowded. Section totals in the high 60s were recorded, proof in itself that participation was widespread throughout the USA and Canada.

A total of 270 entries were received at HQ. Of these, 20 were in the multioperator category. Certificates are scheduled for an April 15th mailing.

Special thanks should go to VP2VL, VP9GR and the numerous other DX stations who helped add spice to this new activity. We certainly appreciate your efforts.

As far as the rules are concerned, most entrants seemed pleased, few had suggestions for improvement. Those who did, however, need not worry, ALL relevant suggestions will be forwarded to the ARRL Contest Advisory Committee for their consideration.

A recent FCC action in late February (required by a Coast Guard reshuffle of Loran chain frequencies on the west coast) will shift amateurs there and in certain noncoastal states from the 1900 kHz segment to the 1800 kHz segment. This 160-meter realignment will take effect May 1. (full details appear elsewhere in this issue) Undoubtedly, this will come as a delight to many, due to the prospect of increased coast-to-coast QSOs.

#### TOP TEN

Single Operator: W9EWC (W9SZR, opr.) 62,100 - 69 sections; W0AIH 49,178 - 67; W3IN

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Here's VP9GR, Frank who gave many their DX multiplier from Bermuda.

## Results

### 1st ARRL

### 160-Meter Contest

46,431 - 63; W9DL 46,431 - 67; K1PBW 45,548 - 59; K4GSU 41,846 - 61; K8HKB 36,146 - 62; K1KSH 35,844 - 58; W0NFL 35,588 - 67 and K8SJU 32,292 - 54.

#### TOP FIVE

Multioperator: W4QCW 42,966 - 63 sections; W8LT 37,294 - 58; K3RUQ 31,950 - 50; W9YB 27,780 - 60 and K8BYI 27,738 - 46.

#### SOAPBOX

Congratulations on a very fine kickoff on the "Top Band". - W8FMG. Worked six new states! - WA3LLZ. I was amazed at the number of two letter calls that seemed to predominate. It must have been nostalgia to many of us who had cut their teeth on the old 160 band. I will certainly look forward to another contest there next year. - VE2IL. Conditions not too good tho heard VK6NK "pop" in on the 1800 segment at approximately 1100 GMT. Heard JA3AA, but he secured, working no one. Did manage JA2CLI, who was S 7/8 here. - W7DZO. Perhaps some additional points might be given for East Coast/West Coast QSOs, particularly for the North Atlantic states who are restricted to the low end of the band and the Pacific states limited to the top end of the band. Encouragement also needs to be given to DX participation. - W2BP. Nice to meet so many old friends on 160, everyone I talked to thought it was great. - W1QV. The contest period seems just right and cw only is a great idea. - WA8TNO. The scoring procedure certainly speeds things up. Let us hope everyone remains honest so it can be retained. I had all the scoring done after about an hour of work. - W0BV. Conditions fair. DX and anything over 1500 miles spotty. Added to all this for us in the northeast was snow and freezing rain both nights of the contest, creating much unneeded precipitation static. - K1PBW. Thanks very much for having the contest, I think it was a smashing success. There were many more stations than I expected. - WB0CGR. Surprised at



K3RUQ, assisted by WA4DUS (not shown) managed 315 QSOs in 50 sections to place third nation-wide in the multioperator category.

## DIVISION LEADERS

Single Op.		Multiop.
W3IN	Atlantic	K3RUQ
W9EWC	Central	W9YB
W0AIH	Dakota	
W4EX	Delta	WA5NYG/5
K4GSU	Gr. Lakes	W8LT
W2DXL/2	Hudson	
W0NFL	Midwest	WA0QJX
K1PBW	New Engl.	W1KVI/1
W7DZO	Northwest	.....
W6KWE/6	Pacific	
W4TMR	Roanoke	W4QCW
WA0CVS	Rocky Mt.	.....
W4KVC	Southeast	.....
W6YRA	Southwest	
W5RTQ	West Gulf	K5LZJ
VE1ASJ	Canadian	VE1EK/1

the many loud sigs, the relatively few WA/WBs and most of all, the early hour (2000Z) that workable signals appeared. — K4JM. Present rules seem okay. Perhaps open it to DX to DX, too. Leave it cw only. Hours are good, exchange good. — W7YB. An excellent contest, I can think of nothing to improve it except better conditions. Newcomers should know that conditions will improve greatly over the next several years and that they should not judge 160 by conditions we had this year. — W6AMO. Propagation to W1/W2 land was very poor from West Virginia on 1.8 MHz. — W8HZA. The contest was magnificent. It showed me that the 160-meter band could match any of the other upper frequencies. — WA5KKY.

### 1st ARRL 160-Meter Contest

Scores are grouped by Divisions and Sections. Within each section, scores are broken down by callsign, final score, contacts, sections and operating time. Example of listings: W3NNK 28,037-254-53-25 or final score of 28,037, number of contacts 254, number of sections 53 and total operating time 25 hours. An asterisk denotes a Hq. staff member, ineligible for an award. The station first-listed under each section or non-W/VE country is the award winner. Multi-operator stations are grouped in order of score following single-operator station listings in each section tabulation.

<b>ATLANTIC DIVISION</b>		<b>W3BHE</b> 2450- 49-25- 7	<b>W2TMI</b> 4680- 90-26- 8
<b>Delaware</b>		<b>W3KE</b> 1748- 46-19-	<b>W2FHU (+W2BHP)</b>
		<b>W3EWP</b> 1404- 39-18- 3	6570-108-30-
<b>W3NNK</b> 28,037-254-53-25		<b>K3RUQ (+WA4DUS)</b>	<b>Western Pennsylvania</b>
<b>K3NYG</b> 8349-125-33- 6		31,950-315-50-33	<b>W3UHP</b> 14,800-200-37-25
<b>Eastern Pennsylvania</b>		<b>WA3LLZ (+WA3LHN)</b>	<b>W3SN</b> 4292- 74-29- 6
		8505-120-35-21	<b>W3YO</b> 2616- 53-24-
<b>W3HUS</b> 16,200-171-45-11		<b>Southern New Jersey</b>	
<b>W3AJ5</b> 14,840-184-40-23		<b>W2FJ</b> 28,600-283-50-21	
<b>W3HTF</b> 11,520-157-36-11		<b>K2GAL</b> 16,764-186- 44	
<b>W3ADE</b> 8365-118-35-20		<b>WA2KWB</b> 13,338-174-38-14	
<b>W3QOR</b> 754- 29-13- 2		<b>WA2HPB</b> 780- 30-13- 2	
<b>Maryland—D.C.</b>		<b>W2BP</b> 60- 4- 3- 1	
		<b>K2AA/2 (4 oprs.)</b>	
<b>W3IN</b> 46,431-343-63-30		9603-144-33-21	
<b>W3GN</b> 22,102-253-43-		<b>Western New York</b>	
<b>W3FA</b> 10,080-141-35-		<b>W2MTA</b> 6231- 99-31- 5	
<b>W3FE</b> 4140- 66-29- 4			
		<b>CENTRAL DIVISION</b>	
		<b>Illinois</b>	
		<b>W9DL</b> 46,431-345-67-22	
		<b>W9TGB</b> 18,522-170-54-17	
		<b>K9IFO</b> 13,860-156-44-	
		<b>W9PNE</b> 12,780-139-45- 7	
		<b>W9LVT</b> 11,739-135-43- 9	
		<b>K9WTS</b> 8568-102-42-12	



For those who asked, "Where was New Hampshire?" — here's Basil, W1JB. Look for him next year!



W5RTQ takes honors as the West Gulf Division leader. Nice going, Earl.



K8SJU, Mike finished a strong second in the Ohio section. That's junior op. Mickey checking out daddy's key!

K9JUJ	6798-103-33-10	W4OQG	2886- 54-26- 3	WAØTVD	18,564-182-51-24	
W9DCN	6468- 98-33-12	W4ZZ	1344- 32-21-12	WØFK	4384- 67-32- 6	
K9DUA	5460- 78-35- 3	WB4LHK	784- 28-14- 6	WØII	3870- 63-30- 4	
W9ABA	4828- 71-34-			WØBQ	3240- 60-27-10	
WA9NKT	3596- 62-29- 5	GREAT LAKES DIVISION			WØYSE	572- 26-11-2
W9REC	2850- 57-25-			WAØQJX (WAØ PKE YSU)	2760- 60-23-10	
K9KEP	1330- 35-19 5	Kentucky				
W9HVP	960- 30-16-	K4GSU	41,846-340-61-23			
W9HPG	352- 16-11- 1	K4FU	23,980-215-55-12			
W9TAL	60- 6- 5- 1	K4AVX	2496- 48-26- 4			
K9ORP	36- 6- 3- 2	W4YOK (3 oprs.)	7105-100-35-11			
W9AML/9 (3 oprs.)	8132-107-38-12	K4DWO (3 oprs.)	168- 12- 7- 2			
Indiana						
W9BF (WA4FDF, opr.)	23,130-254-45-32	Michigan				
W9BRN	20,350-202-50-15	W8TZZ	3536- 68-26- 8			
WA9WMK	9450-135-35-	W8HFM	936- 26-18- 4			
W9DPL	8760-108-40-15	K8BYI (3 oprs.)	27,738-300-46-34			
W9YB (4 oprs.)	27,780-330-60-	W8HID (+WA8ZOF)	19,651-227-41-29			
Wisconsin						
W9EWC (W9SZR, opr.)	62,100-444-69-29	Ohio				
W9BQM	10,088- 94-52- 7	K8HKB	36,146-287-62-25			
W9CTI	2916- 54-27-	K8SJK	32,292-296-54-30			
DAKOTA DIVISION		W8DB	28,500-247-57-14			
Minnesota		W8YCP	16,575-158-51-10			
WØAII	49,178-364-67-21	WA8TNO	12,960-141-45-15			
WØCA	22,440-204-55-30	W8EX	10,626-125-42-			
WØBE	22,098-189-58-17	K8RXD	7920-120-33-12			
WØHW	13,500-150-45-	W8AQ	4650- 75-31- 4			
WØRHI	11,088-126-44-15	W8PMJ	3150- 63-25- 5			
WAØWBG	1760- 44-20- 2	K8SBZ	2100- 50-21- 7			
North Dakota		W8VZE	1806- 43-21- 6			
WØSDN	12,056-137-44-10	W8LT (5 oprs.)	37,294-317-58-30			
WØRTK	3658- 59-31-11	W8TFZ (3 oprs.)	24,892-251-49-			
South Dakota		HUDSON DIVISION				
WØIT	3752- 67-28- 5	Eastern New York				
WAØOML	2916- 54-27-13	W2DXL/2	17,200-194-43-14			
KØUDZ	1920- 40-24-	WB2SIH	13,860-195-35-15			
DELTA DIVISION		W2AGQ	4992- 78-32- 7			
Arkansas		W2IP	100- 10- 5-			
W4OQG/5	3886- 67-29- 6	N.Y.C.—L.I.				
WASSDT	2325- 45-25- 5	WB2MFZ	224- 14- 8- 3			
Louisiana		Northern New Jersey				
K5TFG	21,094-193-53-21	W2TA	17,024-221-38-16			
K5AJK	3267- 59-27- 8	WB2OZW	8032-124-32-13			
WASVYS	1817- 38-23- 7	W2GBY	7035- 99-35-18			
Mississippi		W2HUG	6630-109-30- 7			
W5RUB	16,698-180-46-11	W2AQT	6603-105-31- 8			
Tennessee		WB2URU	4100- 82-25-12			
W4EX	28,826-244-58-22	W2EQS	3864- 69-28-			
W4UD	6516- 89-36- 6	WA2CCF	3036- 69-22- 6			
WASLJZ	4123-65-31-10	WA2EUX	2436- 58-21- 4			
W5GWD	84- 7- 6-	W2MKN	1312- 41-16-12			
WASNYG/5 (+WA9RAT)	7236- 99-36-	W2CVW	1036- 37-14-			
		W2DEN	992- 31-16- 6			
MIDWEST DIVISION		NORTHWESTERN DIVISION				
Iowa		Idaho				
WØNFL	35,588-284-67-28	W7IWU	2142- 51-21- 6			

<b>Montana</b>		W4DM 3614- 68-26- 3	WA6OWM 2000- 50-20- 5
W7YB (W7LR, opr.)	4131- 75-27- 4	K4PCL 3306- 57-29- 7	W6WHK 1494- 40-18-16
W7GBL	1440- 45-6- 5	W4KXV 1480- 37-20- 2	K5MHG/6 620- 31-10- 6
K7LTV/7	1064- 28-19-	WA4RGH 1350- 45-15- 3	<b>Orange</b>
<b>Oregon</b>		W4KMS 192- 12- 8- 2	W6AMO 10,179-129-39-20
K7WWR	9880-122-40-14	W4QCW (+W4VZQ)	WB6NRK 3816- 78-24-17
WA7LZX	3024- 72-21-21	42,966-324-63-29	<b>San Diego</b>
W7VOK	2310- 55-21-	<b>West Virginia</b>	
W7IMP	748- 34-11-12	WA8SDA/8 10,842-139-39- 9	W6ISA (K6VZA, opr.)
W7LT	400- 25- 8- 7	W8HZA 5772- 78-37- 8	11,309-130-43-
<b>Washington</b>		<b>ROCKY MOUNTAIN DIVISION</b>	
W7DZO	14,210-142-49-32	<b>Colorado</b>	
W7IEU	3683- 62-29-20	WA0CVS 24,168-225-53-18	W7DOL/6 12,546-150-41-30
K7IDX	3618- 67-27-15	W0BJW 384- 16-12- 2	<b>WEST GULF DIVISION</b>
K7UWT	2808- 52-27-	W0SIN 264- 12-11-	<b>North Texas</b>
W7FIM	416- 26- 8- 4	<b>New Mexico</b>	
WA7PSO	8- 4- 1-	W5RSZ 12,350-122-50-12	K5LIW 13,545-149-45-19
<b>PACIFIC DIVISION</b>		W5LT 2160- 54-20-10	W5FIX 3444- 60-28-11
<b>East Bay</b>		W5PNY 1280- 32-20- 3	W5KYD 986- 29-17- 3
K6ILG	4316- 83-26-16	W5PDO (W5QNY, opr.)	W5JKD 70- 7- 5-
WA6HMT	2480- 62-20- 8	360- 18-10- 2	WA5KYY (+WA5AGF)
W6MAV	986- 29-17- 3	<b>Utah</b>	
<b>Hawaii</b>		K7ZIA 14,256-162-44-24	W684- 83-36-12
KH6IJ	1785- 41-21-	W7OHR (K7RAJ, opr.)	<b>Oklahoma</b>
KH6HCM	1387- 35-19- 7	14,233-164-43-20	W5FF 1702- 37-23- 6
KH6RS (KH6GPQ, opr.)	1139- 32-17- 5	W7ZC 9120-114-40-12	<b>South Texas</b>
<b>Nevada</b>		<b>Wyoming</b>	
W7CRT	10,692-120-44-17	W7HLA 1886- 41-23- 8	W5RTQ 23,072-203-56-15
W7OK	1944- 54-18- 5	<b>SOUTHEASTERN DIVISION</b>	
<b>Sacramento Valley</b>		<b>Alabama</b>	
W6NKR	4125- 61-33- 5	W4KVC 14,112-144-48-18	6435- 96-33-19
<b>San Joaquin Valley</b>		<b>Eastern Florida</b>	
W6MUV/6	2160- 54-20-14	W4BRB 14,063-167-41-	<b>CANADIAN DIVISION</b>
K6TG	2128- 56-19-12	K4IA 11,616-117-44- 8	<b>Maritime</b>
<b>Santa Clara Valley</b>		K4YXC 6026-131-23-28	VE1ASJ 16,080-163-48-
W6KWE/6	26,961-232-57-	K4ERM 5336- 89-29- 7	VE1EK/1 (+VE1s MX OM)
W6WX	10,707-123-43-10	W4OZF 4191- 62-33- 2	5022- 90-28-12
W6GWQ	7385-104-35-	<b>Georgia</b>	
WB6RGR	4150- 83-25-	K4BAI 12,516-146-42-23	<b>Quebec</b>
W6FUV	266- 19- 7- 5	W6LQI/4 6237- 93-33-16	VE2IL 3288- 67-24-
<b>ROANOKE DIVISION</b>		W4DXI 1520- 38-20- 5	<b>Ontario</b>
<b>North Carolina</b>		<b>SOUTHWESTERN DIVISION</b>	
W4TMR	20,430-224-45-27	<b>Arizona</b>	
K4CAX	16,029-204-39-16	W7CFJ 11,480-142-40- 8	VE7HQ 2210- 65-17-14
K4JO	1480- 37-20- 7	K7NEQ 8668- 97-44-15	<b>FOREIGN</b>
WA4BNO	32- 4- 4- 2	W7LEE 2754- 51-27-16	<b>Ireland</b>
WB4RCB (4 oprs.)	8382-127-33-26	W7CAL 2548- 49-26-	EI9J 700- 14-10- 4
<b>South Carolina</b>		W7GAF 2016- 48-21- 7	<b>Bermuda</b>
K4DBV	18,737-224-41-22	<b>Los Angeles</b>	
<b>Virginia</b>		W6YRA (WB6WIT, opr.)	VP9GR 7491-112-33-10
K4JM	15,949-193-41-11	15,778-170-46-21	<b>British Virgin Islands</b>
W4ZM	7400-100-37- 5	W6DQX 9044-116-38-13	VP2VL 26,562-221-57-22
WB4JEZ	4872- 87-28- 9	K6DDO 8019-120-33-28	<b>Czechoslovakia</b>
		W6DGH 6880-106-32-10	OK1ATP 108- 9-6- <b>QST</b>
		W6NJU 3500- 61-28- 5	
		K6KVC 2394- 63-19-11	
		W6JPH 2268- 54-21- 6	