

VE3BMV (l.) managed 367 QSOs in 68 sections for a final score of 50,524. This was more than enough to take Canadian Division leadership and places Yuri as 7th among the TOP TEN participants! Earl, W5RTQ (r.) is back again this year as West Gulf Division leader with 175 QSOs in 57 sections!

Results

2nd ARRL

160-Meter

Contest

REPORTED BY AL NOONE, *WAIKQM

IN A CONTINUING effort to arrive at a better set of rules for this popular new activity, the 2nd ARRL 160-Meter contest (held Dec. 10-12, 1971) incorporated a number of changes (recommended by the ARRL Contest Advisory Committee) designed expressly to increase participation. The starting time was moved up to 2200 GMT and each DX country (not including KG4 KP4 KV4 etc. which already count as sections) was counted as a separate multiplier.

Did the changes help? You bet! While entries remained at about the same level as last year, 272 to be exact; there were upwards of 1000 different

*Asst. Communications Mgr., ARRL.

calls noted in the logs sent in to Hq.! (A number of stations commented that the activity seemed almost like a November Sweepstakes at times!)

Even conditions were good to us. East coast stations were able to work into Europe both nights, the West coast gang took advantage of the excellent KH6 activity, caught that occasional JA, KR8 and VS6 and the Central states kept busy cleaning up those section multipliers!

As for DX, well here's just a sample of what was available to work: CO, EI, G, GM, HB9, HB0, JA, KR8, OK, PA0, PY, VK, VP9, YN, ZD8 and 8P6. Wonder what the list would be like if all the active stations sent in logs? Oh well, maybe next year!

Some 72 stations have earned certificates as either section or country winners. You can expect them shortly after their June 15th mailing. — *WAIKQM.*

TOP TEN

Single Operator: W3GM 72,200 - 76 multipliers; W3IN 68,406 - 78; K1PBW 66,300 - 78; W0AIH 61,028 - 73; W9DL 59,427 - 71; W9YT (K9LBQ, opr.) 54,270 - 67; VE3BMV 50,524 - 68; W8DB 45,560 - 68; K8KHB 43,485 - 65; and VE5XU 43,470 - 70.

TOP FIVE

Multioperator: W8LT 47,718 - 66 multipliers; K3RUQ 40,257 - 63; K8BYI 37,210 - 61; W9YB/9 33,630 - 59; and K0IJL 30,180 - 60.

SOAPBOX

Fine contest, seemed that there was more activity than last year although my total score turned out about the same. Heard North and South Dakota, Missouri, Montana, North Texas, KV4FZ and some Californians that I just could not seem to work. Did QSO South Texas, Utah, Colorado and Mississippi. (W1FLN). . . The highlight of the

Frank, HB9NL managed 31 QSOs with 14 sections located as far West as W8/9! His FB signal was audible for many hours on the East coast.



QST for

5 in Jan 1972 QST

DIVISION LEADERS

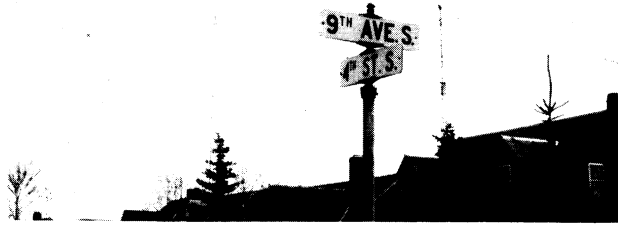
<i>Single Op.</i>		<i>Multiop.</i>
W3GM	Atlantic	K3RUQ
W9DL	Central	W9YB/9
W0AIH	Dakota	K0IJL
W5SUS	Delta
W8DB	Gr. Lakes	W8LT
W2EQS	Hudson	K2STO
W0NFL	Midwest
K1PBW	New Engl.	W1OP
K7IDX	Northwest	K7AUO
WB6QIT	Pacific
K4CIA	Roanoke	W4UPJ
WA0CVS	Rocky Mt.	W0MS
W4YWX	Southeast	W4HAW
W7NQ	Southwest	W6YY
W5RTQ	West Gulf	K5DEG
VE3BMV	Canadian

contest was the QSOs with KL7HEE and WA0ZQB/KL7 to complete my 1.8 Mhz WAS. Managed to work HB9NL and PY1DVG through the severe W/VE QRM in the 1825-1830 "DX Window." Somehow more emphasis must be made to keep this portion of the band open for the DX stations to use. Also, the W/VEs should be reminded that the DX there is listening between 1800-1807 for replies, not on their frequency. No Asians heard, JA frequencies covered by Lorán here. (W9PNE). . . Conditions were very good the first night, and excellent the second. The allocation of the band with everybody on the low end is just great. Climax to the test was working VS6DO! (W7CFJ, opr. W7NQ). . . Worked 60 ARRL sections in 42 states, including Hawaii. Biggest thrill of all was when ZD8AY answered my CQ. In addition, I worked Mexico and Brazil. I would like to make skeds (weekends-night time only) with any 160-meter stations in Maine, Vermont, New Hampshire, Idaho, Montana, Oregon, Wyoming and Alaska. (K5AGI/5). . . New 95-foot vertical has lots more punch than last year's long wire. (W3IN). . . The contest went very well, and was a lot of fun for everybody. The changes over the first one were well received. DX stations felt a bit left out, and the participation from DX was low. (W1BB). . . Would be nice to modify the rules again so as to increase DX participation and interest. Increasing the DX QSO point count or providing additional multipliers for continent to continent QSOs might help. (K1PBW). . . Big thrill to hear JA7AO calling CQ with a good signal, big frustration not being able to work him. (K0DCF/0). . . Thought this years contest had much better conditions, and certainly, much better participation by US hams, but where were the VEs and DX? (W0II). . . The conditions on December 12 morning here on TOP BAND was fantastic and so I could work many stations from the states never before worked or heard. But the Ws were not listening for Europeans all, like the W9s and especially the W0s! The W0BE and W0AIS

Here's Jarda, OK1ATP, well-known TOP BAND enthusiast from Czechoslovakia. His 10 watts to a dipole netted him 10 QSOs with 7 East-coast sections.

June 1972

From June 1972 QST



No wonder W0AIH was heard in Europe! The antenna to the left of the picture is a 137-foot vertical fed against over 2000 feet of ground-wire radials!

are here 579 between 0500 and 0600 GMT on the 12th. I also noted W3DA, K1GSU, WA8JUN, and W9YT. For 1.8, 3.5 and 7 MHz I have a 80-meter zapp or a 160-meter dipole, not high, but bent down by about 30 degrees in the direction of the USA. The best frequencies for Ws are 1802 -1804 here, but the broad-band fone stations commercially are QRMing very often if the band is not open good for DX. (HB9NL). . . The frequencies from 1830-1835 here in Australia are usually clear, so during these 160-meter contests, I would suggest using the Europeans DX Window for Australia stations as well. On December 12th heard W8VLN S4 at 1215Z, W5RTQ S6 at 1246Z and W9EIU/9 S4 at 1255Z. (VK3QI). . . Suggest change in the rules to allow DX to DX QSOs only if the station QSOd is on another continent. Of course, any DX to W/VE would be allowed, such as XE to W(same continent). (W5RTQ). . . Conditions were very good, heard W7 stations and one European. (W1QV). . . Enjoyed the contest very much and have no suggestions for improvement. Antenna was a 130-foot long wire that snaked out of the basement over the air-conditioner, through the tower legs, up the tower for 32 feet and then down to the roof of the house! (K0DYM). . . Didn't hear any DX but did manage to work a lot of needed USA stations for my 160-meter WAS! (WA3OFT). . . Seemed like one heck of a lot of activity. (W8LT). . .

2nd ARRL 160-Meter Contest

Within each section, scores are broken down by callsign, final score, contacts, sections and operating time. Example of listings: VE1ASJ 38,324-268-67 or final score of 38,324, number of contacts 268, number of multipliers 67 and total operating time not given. 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.



VE		Southern New Jersey		West Indies		Sacramento Valley	
Maritime		K2GAL	28,728-252-56	KG4CS	6120-90-34-12	W6ZGM	9064-103-44-11
VE1ASJ	38,324-268-67	W2FJ	26,880-237-56-20	5		W6NKR	6952-79-44-6
Ontario		W2BP	1160-26-20-2	Arkansas		Hawaii	
VE3BMV	50,524-367-68	W2ITG	1140-30-19-4	W5SUS	34,176-267-64	KH6RS (K2SIL, opr.)	
VE3DU	11,610-129-45-13	WA2KWB	8-2-2-1	W4EM/5 (W4OQG, opr.)	6664-98-34-5	8820-95-45-13	
VE3BVG	2024-46-22-14	WA2EEQ (+WA2HPB)	100-10-5-5	Louisiana		KH6HCM 1760-37-22-13	
Saskatchewan		Western New York		Mississippi		7	
VE5XU	43,470-306-70-33	K2LWR	40,105-307-65-20	W5RUB	14,798-151-49-7	Arizona	
British Columbia		W2VXA	4712-76-31	W5GWD	864-24-18-14	W7NQ (W7CFJ, opr.)	
VE7AKI	11,562-123-47	W2ONP	4650-75-31-17	New Mexico		40,324-280-68-25	
VE7HQ	8424-108-39	K2PKK	3807-69-27-6	W5SBHN	12,190-115-53-16	8600-100-43-13	
Yukon-N.W.T.		W2QBB	384-16-12-4	W5RSZ	896-28-16-1	K7NEQ 7896-94-42-10	
VE8OK	1512-33-21-	WB2TCY (+WA2PKF)	13,065-166-39-12	North Texas		Idaho	
USA		3		W5QZG	5824-91-32-9	8400-100-42-26	
1		Delaware		W5FHX	5032-74-34-11	Montana	
Connecticut		W3AGC	21,114-201-51-16	W5JKD	1943-67-29-5	W7MKB 4030-65-31	
K1KSH	31,354-248-61-23	Eastern Pennsylvania		W5KYD	690-23-15	Nevada	
W1SG	23,040-234-48-17	W3GM	72,200-451-76-32	K5SOR (5 oprs.)	23,256-204-57-35	K7ICW 13,328-136-49-23	
W1PID*		W3EOP	35,620-262-65-20	Oklahoma		W7QJV 1008-42-12-8	
10,920-140-39-12		W3CNS	12,597-160-39-10	W5JVI	6438-87-37-21	Oregon	
W0DRE/1*		WA3OFT	8896-139-32-23	South Texas		W7IMP 1190-35-17	
W1WY	5394-87-31-6	W3ADI	8400-120-35-15	W5RTQ	20,292-175-57-12	W7LT 102-17-3	
W1WY	5130-63-38	W3AJS	4375-86-25-18	W5RUR	18,312-162-56-26	K7AUO (5 oprs.)	
WA7GWL/1*		W3QOR	1932-42-23-3	W5SZN	13,622-139-49-18	10,240-128-40-25	
		Maryland-D.C.		W5RPR	8080-101-40-17	Utah	
W1QV	4719-67-33-6	W3IN	68,406-422-78-25	W5IRP	1512-36-21-	K7RAJ 26,082-207-63-17	
W4WFL/1*	4620-77-30-3	W3GN	19,110-195-49	K5SHG/5	816-24-17-3	K7ZIA 18,232-172-53	
K1ZND/1	644-23-14-1	K3RUQ (+WA3NYU, WA4DUS)	40,257-312-63-37	K5DEG (+K5PFL)	30,031-253-59-30	W7CYH 5670-81-35-10	
W1KQM/1*	504-15-14-3	Western Pennsylvania		W5YEG (7 oprs.)	15,850-157-50-30	WA7OAU 4352-68-32-10	
WA8VRB/1*	32-4-4	W3VEQ	26,316-258-51-23	6		Washington	
Eastern Massachusetts		W3UHP	8320-130-32-18	East Bay		K7IDX 14,469-132-53-25	
W1PL	12,768-146-42-16	W3SN	5022-81-31-7	K6ILG	9512-116-41-20	W7RX 4234-73-29-11	
W1FJJ	8931-113-39-7	W3KWH (W3SVJ, opr.)	672-24-14-9	Los Angeles		W1BVP/7 3364-58-29-7	
W1CCT	7992-111-36-26	4		W6HX	28,520-230-62-26	1470-49-15-7	
W1DMD	7860-131-30	Alabama		W6DGH	23,600-200-59-16	440-22-10	
W1BB	7548-93-37-11	W4KVC	26,314-223-59	K6DDO	23,246-191-59-22	Wyoming	
W1FJN	7400-100-37-7	K4MG	3380-65-26-11	W6DQX	3886-67-29-3	W7HLA 264-12-11-1	
W1AX	6400-100-32-6	WB4ADT	2756-53-26-3	W6MBP	780-30-13-5	Alaska	
W1DDC	3120-65-24-10	Eastern Florida		W6JPH	598-23-13-1	WA0ZQB/KL7 624-23-12-12	
W1CVO	2625-125-21-11	W4BRB	24,255-216-55-24	W6ZOL	360-15-12-1	8	
W1MX (WA1CQW, opr.)	2175-42-25-1	W4OZF	11,790-131-45-9	W6ZL	100-10-5	Michigan	
W1BVL	1080-30-18-3	W4HAW (7 oprs.)	6876-94-36	K5MHG/6	100-10-5	K8VQP 32,627-275-59-23	
W1HED	944-28-16-6	Georgia		W6YY (K6STI+W6JU)	14,160-146-48-20	WA8JUN 27,360-228-60-13	
W1BGB/1	750-25-15-1	W4YWX	42,746-316-67-31	Orange		W8TBZ 20,034-189-53-18	
New Hampshire		W4YCP	18,236-194-47-22	W6NRK	14,382-141-51	W8HEUN 18,718-191-49-12	
W1CTW	3400-68-25	K4BAI	16,254-192-42-19	W6AMO	11,520-128-45-16	W8ROC 16,560-171-48-20	
Rhode Island		K5SNI/4	13,981-169-41-11	K6QGV	8170-95-43-14	W8TCC 8960-112-40-14	
K11KN	15,480-172-45-15	Kentucky		Santa Barbara		W8TZZ 8712-121-36-29	
W1FLN	12,040-149-40-18	W4DXI	6981-88-39-11	W7DOL/6	30,380-242-62-42	WA8GUF 2688-56-24-6	
W1OP (K1s HZN NTS)	3264-68-24-11	K4FU	41,990-323-65-20	Santa Clara Valley		K8BYI (4 oprs.) 37,210-305-61-32	
Western Massachusetts		W4YOK (+K4DWO, W4TBU)	19,864-191-52-12	WB6QIT (WB5CHK, opr.)	16,626-163-51	WA8CQR (7 oprs.) 5626-97-29-18	
K1PBW	66,300-371-78-29	North Carolina		W6GWQ	9416-107-44-14	Ohio	
2		K4CAX	6262-101-31-11	W6ZO	8080-101-40-11	W8DB 45,560-332-68-20	
Eastern New York		Tennessee		San Diego		K8HKB 43,485-333-65-35	
W2LWI	13,185-145-45-15	K4PJ	27,189-237-57	W6ISA (K6VI, opr.)	30,256-224-61	K8SJU 40,680-339-60-30	
K2VGR	9152-143-32-17	W4UD	7400-100-37-8	W6MAR	21,900-181-60-16	K8CCV 34,221-279-61-22	
N.Y.C.-L.I.		W4OQG	1482-39-19-3	San Francisco		WA8TNO 28,980-240-60-26	
K2GNC	34,692-279-59-25	Virginia		W6NUT	6528-96-34-6	23,922-220-54-24	
W2KTU	11,505-146-39-22	K4CJ (WA8RGJ, opr.)	33,420-274-60-26	W6MTJ	754-29-13-6	11,726-143-41-6	
W2GP	6293-100-31	K4JM	9800-140-35-7	San Joaquin Valley		W8UMD (WA8TGX, opr.)	
WB2MI/Z	960-32-15-9	W4ZM	2754-51-27-2	K6TG	7488-96-39-12	8496-118-36-6	
Northern New Jersey		WB4WVC	986-29-17-4	W6MUV	1326-39-17-10	8405-101-41	
W2EQS	36,642-285-62-31	W4UPI (+K4GEL, WB4SWE)	13,394-181-37	West Virginia		W8PDS 5346-81-33	
WB2URU	9800-140-35-18					4620-70-33	
W2AQT	6900-115-30					3360-60-28-11	
W2HUG	6000-100-30-7					418-19-11-4	
WB2OZW	4480-80-28-8					W8LW (7 oprs.) 47,718-360-66-25	
W2BZY	4060-70-29-8						
WA2CCI	728-26-14						
W2CVW	600-25-12						
WA2KWB/2	468-18-13-1						
K2STO (+WA2IGI)	2814-67-21-17						

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Illinois

W9DL	59,427-417-71-25
W9FIU/9	32,508-258-63-29
WA9RAT	30,900-256-60-21
W9LVT	30,682-263-58-16
W9PNE	18,984-165-56-14
W9ABA	13,728-143-48-15
W9DCN	11,528-131-44-14
WB9BMY	8056-106-38-11
K9KEP	5644- 83-34-11
W9TAL	5312- 83-32- 6
WA9NKT	4950- 75-33- 5
W9REC	3248- 58-28-10
W9HVP	1054- 31- 17
W9AZ/9 (4 oprs.)	22,700-227-50-29
W9AML/9 (4 oprs.)	14,720-160-46-25
W9YH (3 oprs.)	6090- 87-35- 5

Indiana

K9CUY	20,400-200-51-12
W9DPL	7344-108-34-13
W9UC	884- 26-17- 4
W9YB/9 (5 oprs.)	33,630-285-59-30

Wisconsin

W9YT (K9LBQ, opr.)	54,270-402-67-29
W9PJT	13,024-148- 44
WB9AVN	10,842-139-39-14
WA9GYF	986- 29-17- 6

10

Colorado

WA0CVS	37,554-283- 66
W0NQQ	8686-101-43- 8
W0IW	6840- 90-38-12
WA0YIH	1980- 45-22- 4
W0MS (+WB0CMM)	13,860-154-45-17

Iowa

W0NFL	41,795-320-65-30
W0II	19,096-169-56-16
W0RFT	4312- 77-28-11
K0VMY	3024- 56-27- 5

Kansas

W0PSF	40,937-304-67-26
W0FCL	11,782-137-43-15

W0IUB	4680- 78- 30
W0CHJ	1040- 26-20- 3

Minnesota

W0AIH	61,028-415-73-21
W0OAW	41,752-304-68-21
W0HW	25,630-233-55-13
W0RHI	12,054-123-49-16
W2TA/0	10,176-106-48- 5
WA00OU	7176- 92- 39
W0IH	6480- 81-40- 8
K0DCF/0	8- 2- 2- 2
K0IJL (+K0IJP)	30,180-250-60-22

Missouri

WA0RDJ	27,690-210- 65
WA9BZY/0	16,464-168-49-24
W0BV	10,836-126-43-12
K0DYM	6364- 86-37- 7
WA0KMJ	5576- 82-34- 8

Nebraska

W0MSC	18,592-166-56-16
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North Dakota

W0ZTL	18,960-158-60-16
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South Dakota

K0UDZ	11,730-115-51-23
K0LXD	11,074-113-49- 8
WA0CPX	7200-100-36-12
W0IT	4500- 75-30-10
WA0OML	2484- 46- 27

DX

Switzerland

HB9NL	868- 31- 14
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Japan

JA7AO	256- 16- 8-
JA1YAC	16- 4- 2

Okinawa

KR8CF	4- 2- 1
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Czechoslovakia

OK1ATP	140- 10- 7
OL5ANJ	8- 2- 2
OL1A0H	2- 1- 1

Australia

VK3QI	4- 2- 1-10
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Bermuda

VP9BO	3942- 73-27- 5
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