

Results, 14th Annual ARRL 160-Meter Contest

This was no replay of the 1982 contest when the scoresheet read "QRN — 1 and 160-meter contesters — 0." The weekend of the 1983 contest, December 2-4, brought adequate band conditions, while Top Band buffs from around the world provided the effort and incentive to make for an interesting contest weekend.

With the likes of KU8E and his 1500-foot Beverage antenna at VP2EEW working all comers, and N8AG on station at ZF2AG handing out the Cayman Islands multiplier to nearly 150 stations, the whole tone of the contest was set. There was enough DX to excite those looking to fatten their 160-meter DXCC totals and there were many of the "rarer" states on the air to help those looking to complete the requirements for 160-meter Worked All States.

There were enough stations on to pad the QSO totals for those operators able and willing to dig them out. Top single operator, Jon, AA1K (and

there has to be a few "dB" advantage when Jon hands out his Delaware Section) found 807 different stations to work in his 36 hours of contest operation and had a rate of 75+ stations per hour for several hours. The multiplier distribution ran true to the old story line: East Coast stations worked Europeans for a few multipliers, West Coast stations worked JAs, thanks to some FB propagation conditions; everyone added to their multiplier totals with stations from South America and the Caribbean.

By comparison, 9 of the 10 single-operator Top Ten scores from the 1982 contest would not have made the listings in this contest. Last year's top single op, AD8I, added 13 kilopoints to his 1982 score in 1983 and wound up in sixth place in the single op. standings. AA1K led the single-op pack with the third highest QSO total of all contestants (the two stations who beat Jon were multiop stations and only bested him by 13

QSOs) and had (at 86) the second-highest multiplier count of all stations reporting activity in 1983. The rest of the single-operator Top Ten is filled out with, among others, four stations who held Top Ten slots in past 160-meter contests. They are N7DF, K1ZM, AD8I and W0EJ.

In the race for the top multioperator slot, it came right down to the last multiplier. N9MM and KS8S each had 820 QSOs, but the 84 multipliers of 'MM was one better than KS8S could find, assuring the crew at N9MM the top slot. Whew!

Four of the '83 Top Ten multiop stations are "repeaters" that held Top Ten positions in 1982. They are W0AIH, W8LT (last year's top multiop station), KK5I and W9AZ.

The next ARRL 160-Meter Contest is scheduled for the weekend of December 1-2, 1984.

Good Luck! — NICZC and K1WJ

Top Ten

Single Operator		Multioperator	
AA1K	143,190	N9MM	141,708
K5NA	136,510	KS8S	139,357
N7DF	134,904	W0AIH	132,435
K4VX (KM9P)	134,396	W8LT	131,774
K1ZM	130,872	WA9EYY	122,720
AD8I	129,397	KK5I	114,744
K4FU	124,000	KE9A	106,880
K4XU	122,426	AC8W	95,985
W0EJ	117,117	W9AZ	93,936
W1CF (N1EE)	112,392	NA5B	93,398

Antennas Used By Top Stations

Single Op	Antenna(s)
AA1K	113-ft shunt-fed vertical/Beverages
K5NA	Sloper (E. & W./Inverted V
N7DF	Collins Discage
K4VX (KM9P)	Half Sloper/Beverages
K1ZM	Wire/Beverages
Multiop	Antenna(s)
N9MM	105-ft vertical/Beverages
KS8S	Vertical/Inverted V @ 180-feet
W0AIH	Vertical/sloper/Zapp
W8LT	40-ft vertical/6 Beverages (500-1000 ft long)
WA9EYY	Inverted L & Inverted V

SOAPBOX

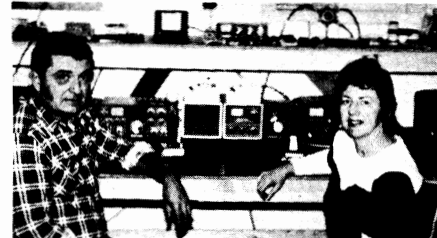
I put the wire up one week before the contest. Why do it in August when it's so nice in December? (VE2MJ). When it's 3 A.M., the rate's down to 15 QSOs/hr and the coffee's all gone, nothing wakes you up like a cathode-to-grid short on a 3-500Z (KK5I).

Division Leaders

Single Op	Score	Division	Multiop	Score
Call			Call	
AA1K	143,190	Atlantic	K2XR	90,942
KF9D	79,156	Central	N9MM	141,708
W0HW	93,000	Dakota	—	—
W5KL	36,052	Delta	KS8S	139,357
AD8I	129,397	Great Lakes	—	—
K5NA	136,510	Hudson	N0SM	77,748
N7DF	134,904	Midwest	N1RI	66,780
W1CF (N1EE)	112,392	New England	W7RM	92,016
N7EJ	77,440	Northwestern	WB6EGE	12,892
K6HIH	53,476	Pacific	—	—
K4XU	122,426	Roanoke	W0KEA	91,134
K0JK	23,142	Rocky Mountain	—	—
A10H4	55,872	Southwestern	—	—
K6SE	86,240	West Gulf	KK5I	114,744
NSJB	101,598	Canadian	VE7ORP	196
VE3ABG	71,221	DX	JA7YFB	1482
VP2EEW (KU8E)	25,092			



R. B. Frey, K4XU, operating from North Carolina, came in 8th in the single-op category.



K1TW and N7CYZ spent some time on Top Band from Wyoming.

SCORES

Scores list call sign, final score, total QSOs, total multipliers and hours operated. Example: CX8DT's score is 40 points, with 4 QSOs, and 2 multipliers. He operated for one hour.

DX	HAITI	JA5DQH	756- 27-14- 10	JJ1s, GXY,MVV,JR7s,JLU,JVO,	MEXICO
URUGUAY	HH2VP	JA9BOH	480- 20-12-	LCI,opr.s.)	XE1MD
CX8DT	21,730-205-53- 8	JE1SPY	324- 19- 9- 15	1482- 39-19-	2600- 52-10- 21
	COLOMBIA	JH1APK	126- 9- 7- 2	JA2YKA (JA9SSY,JG1GIF,opr.s.)	
	HK1AMW	JA3YKC (JH4RHF,opr.)	80-	1056- 33-16- 10	VENEZUELA
	4400- 40-22-	JATYWD (JETXEH,opr.)	6- 5-		YV1OB
SPAIN		JR6LJO	18- 3- 3- 1	ANGUILLA	10,164-121-42- 12
EA3VY		JA1YCL (JL1QOC,opr.)	12- 3- 2- 1	VP2EEW (KU8E, opr.)	
	JAPAN	JA1AAT	8- 2- 2- 1	25,092-246-51-	
	JA7NI	JA7YFB (JE7s HLZ,MLJ,JH7,MXO,	2- 1- 1- 1	MONTERRAT ISLAND	CAYMAN ISLANDS
	JA1GTF			VP2MFL (K5BDX, opr.)	ZF2AG (N8AG,opr.)
IRELAND	JA7YQC (JH8CZQ,opr.)			384- 16-12- 6	12,496-142-44- 14
EI9J	1080- 27-20- 7				

WVE	N8NA	7105-100-35-2	LOUISIANA	MONTANA	W9JOO	16,848-174-48-9
1	EASTERN PENNSYLVANIA		KSKLA	N7EIJ	W9TQ	14,852-158-47-
CONNECTICUT	W3GM	107,152-709-74	MISSISSIPPI	K0PP7	W9WQV	11,592-126-48-16
W1XX	W3TS	57,865-815-71-19	KK5K	K5T7	W9WM	8588-113-38-
W1WEF	W3BUR	40,064-304-64-17	N5XA	W87CFL	KK9G	2912-56-28-
N1CC	W3BGN	31,428-280-54-	W5GWD		KC9FC	2632-47-28-
W1WY	N3CXB	25,488-264-48-13	WASMUE		N9MM (+ KM9D,W9ZRX,WB9POH)	141,708-820-84-30
K1DW	W3CAC	24,850-236-50-10		NEVADA	K9ZUH (+ WB9PXR)	63,888-472-66-21
N1JW	KR3G	21,730-205-53-13	NORTHERN TEXAS	KA7BRE		
AA2Z	WB3FAA	20,869-509-41-16	N5JB		OREGON	
W1QV	W3CNS	20,790-188-54-8	N5TP		W7DCR	23,408-209-56-24
EASTERN MASSACHUSETTS	W3AJS	19,834-208-47-	K5DX		N7DB	12,408-132-47-24
W1CF (N1EE,opr.)	WA3YON	19,366-209-46-13	N5AU		W7TC	6840-130-34-16
W1YN	K4JLD	18,524-209-44-	K5UL		AD7T	6878-89-38-
K1MEM	W3ADE	7490-107-35-6	N5UA		KA7FEF	1280-40-16-
K1NA	W3ZN	6570-107-30-	W5FX			
W1WAI	W3ARK	6200-100-31-	KD5RO		UTAH	
W1AQE	K3SWZ	4292-74-29-	W5QF		KC7PA	4216-68-31-10
KQ1F	W3AP	1640-41-20-1	K5MR (+ N5RZ,W1AEL,W5B1K)			
W1FT	MARYLAND-D.C.			WASHINGTON		
K1XM	K3ZZ	89,100-579-75-29	OKLAHOMA	KG7D	42,478-275-67-30	
W1TUM	W3GG	44,958-378-59-	KM5H	N7CKD	39,534-280-66-28	
KR1B	WB3JRU	36,720-300-60-	N5AFV	W7IEU	13,462-127-53-20	
MAINE	N3CO	26,264-265-49-	KK5I (+ K7CW,N5CG,W5KI)	W7KQU	12,314-131-47-25	
W1HRQ	N3II	20,502-200-51-11	W5GN	K7TG	9321-118-39-	
K5IG	W3GN	18,000-200-45-	W3ICM	W7BYK	7392-76-42-6	
W1GKJ	W3PEV	3024-56-27-6	W3PEV	K7UU	7144-94-38-10	
K1PV	WESTERN PENNSYLVANIA			AK7F	280-14-10-4	
W1HHV	K3MO	81,548-520-76-27	SOUTHERN TEXAS	W7RM (KB7G,W7WA,opr.)	92,016-490-81-26	
NEW HAMPSHIRE	W3QM	36,464-340-53-25	K5LZO	W7TJ (+ W7XR)	37,848-240-76-30	
WA1TZV	W3HDH	28,938-270-53-13	K5DL			
K1DL	AF3V	1320-66-20-2	W5NTJ (+ W5AIEJ)	WYOMING		
N1ACH	W3FSB	8-2-2-2	W5NTJ (+ W5AIEJ)	WABMAM	16,512-172-48-9	
AG1C	K3UA (+ W3FSB)	18,945-206-45-7	W44EWV (+ N5EM)	W7HLA	1440-36-20-6	
K1TR				K17W (+ N7CYZ)	5040-70-36-6	
RHODE ISLAND	4		6			
KA1SR	ALABAMA		EAST BAY	MICHIGAN		
N1RI (+ KA1AIR,KA1EHR,N1BVY,N1DM,N1XW,WB1DXQ)	N4AID	7474-101-37-5	K6HIH	N8EA	60,789-430-69-14	
W1OP (K1HGC,KA1s DUV,HAD,N1s AKO,BBM,W1GS,WB1FDY,opr.)	GEORGIA		K6TS	N8AKY	39,707-332-59-	
VERMONT	A18H/4	55,872-379-72-36	AD6D	K8OOK	14,720-160-46-	
K1IK	K4UEE	45,764-326-68-9	AD6X	K8SIA	13,772-155-44-6	
WB1GQR	W5VUX	27,995-250-55-11	LOS ANGELES	N8EJ	11,620-166-35-9	
K1LPS	K4BAI	13,478-145-46-8	K6SE	N8CKH	6060-101-30-	
WESTERN MASSACHUSETTS	W14R	7308-100-36-	N6NW	W8WVU	2160-45-24-4	
K1KNQ	WB4ABY	6732-92-36-5	W6PFE	AC8W (+ K8DD,KZ8K,N8ERV)	95,985-588-79-23	
WA1ZAM	N4UZ	6480-90-36-	W6MEM	K8AQM (+ KC8KQ)	69,680-517-67-23	
WB1HIH	KA4KMH	3444-60-28-	ORANGE			
W1JIP	AA4EI	1080-27-20-	N7AZ	OHIO		
2	KENTUCKY		N6PE	AD8I	129,397-754-83-29	
EASTERN NEW YORK	K4FU	124,000-760-80-31	N4ARO/6	W8FN	104,166-625-81-29	
K5NA	W4YOK	42,084-331-63-10	K7SFS	W8BJM (W8BJP,opr.)	101,088-612-78-22	
K1ZM	W4XT	7276-214-34-8		K8CCV	80,500-566-70-31	
WA2SPL	W44EBN	7272-101-36-10	SANTA BARBARA	K8MN	64,828-413-76-14	
K2EK	N4XM (+ K4DU,KK4Q,NO4R)	90,972-588-76-28	N6VR	W8ILC	41,832-283-72-14	
K2XA	NORTH CAROLINA		K6MXO	N8BJQ	27,075-230-57-	
K2KHQ	K4XU	122,426-730-82-24	W6JEO	K8CJH	15,000-150-50-5	
W8MAZ	N4SF	101,574-603-81-	SANTA CLARA VALLEY	W8EX	6882-90-37-	
K2GBH	W4TMR	59,885-474-65-29	K6RU	W8IDM	6592-103-32-4	
KN2Q	K4PB	11,280-141-40-	KD6PY	W8PCS	4588-74-31-4	
KR2V	K4HF	6422-83-38-	W6OKK	K8HF	2860-55-26-2	
W2DW	W4F4I	4176-72-29-5	N6HR	K8MR	2250-42-25-	
K2MN	NORTHERN FLORIDA		KK6C	K8S8 (+ AD8P)	139,357-820-83-40	
WB2PUH	W4HBK	37,654-272-67-	SAN DIEGO	W8LT (K1LT,K3JT,K8LT,K8ND,W8BPH,W8BIXE,W8BLXX,opr.)	131,774-784-82-41	
N2JJ	AA4EH	8775-225-39-16	N6ND	W8SDL (+ AC8M,W8VSA,W8BML)	44,395-337-65-22	
N.Y.C. & LONG ISLAND	W8IM	154-11-7-1	AA6EE			
W2GKZ	SOUTH CAROLINA		SAN FRANCISCO	WEST VIRGINIA		
W2GP	K4CNW	40,716-332-58-11	W6SDY	K8OQL	33,420-271-60-20	
WB2DLA	N4EE	6188-91-34-7	W6BEGE (KA6AHK,K6BHT,N6MQ,N6QP,W6BWPQ,WB7DEG,opr.)	K8BFJ	13,570-143-46-3	
K2SHL	K4ADI	5115-76-33-	SAN JOAQUIN VALLEY	W8JWX	12,814-149-43-	
W2JGQ	SOUTHERN FLORIDA		K6MO			
NORTHERN NEW JERSEY	N4IN	45,288-292-72-19	W6BYH	ILLINOIS		
KR2Q	W4OO	39,530-274-67-20	W6SX	KF9D	79,156-502-77-24	
W2RQ	W4QWJ	17,545-146-55-	W6ABAI (KJ6P,W6MLUV,W6B6VL,W66CNV,W6B6DET,opr.)	K9AB	69,423-468-73-20	
N2IN	K4KLZ	13,770-120-54-8	SACRAMENTO VALLEY	K9BG	65,262-438-73-19	
SOUTHERN NEW JERSEY	K4RD	2889-52-27-	A16V	K9SO	58,435-448-65-30	
W2ZY	TENNESSEE		W6EJZ	W9YYG	42,570-312-66-16	
WESTERN NEW YORK	K4PJ	30,780-267-57-	W6BRV	N9CW	34,465-281-61-13	
W2ONP	WM4Z	13,158-150-43-9	PACIFIC	K9JU	32,400-270-60-15	
KW2A	K4ON	10,530-135-39-	KH6J	W9B9YJ	32,306-274-58-26	
NA2Q	W4VOS	7452-102-36-10	AH6P (+ AH6J)	W9OA	29,522-253-58-	
W2CJQ	VIRGINIA			KB8AC/9	19,396-182-52-17	
W2QIP	KG4W	80,227-533-73-33	7	KG9D	15,840-180-44-	
KK2B	AA4AT	24,288-250-48-6	ARIZONA	W9D8C	14,872-169-44-	
W2GJ	K4VHH	18,450-183-50-	K7OX	W9QWM	14,536-155-46-10	
NA2A	K4OD	18,135-200-45-9	K6LL	W9LNQ	6688-76-44-	
K2XR (KD2I,KT2B,W2HWG,W2AVUN,WB2s EGI,TSY,W1K,opr.)	KX4V	16,684-194-43-	AK7Y	W9FSD	644-23-14-4	
	W4KMS	9331-107-43-	W7YS	W9A9EY (+ K9GL,WB9TY)	122,720-755-80-30	
	W4YE	7200-100-36-3	WA7KLK	W9AZ (AK9F,K9IFO,K9NR,W9HPR,W9HAD,W9DCSA,opr.)	93,936-609-76-42	
	N4RA	3726-69-27-2		INDIANA		
	N4MM	2820-47-30-1		KE9I	68,109-454-73-16	
	KA9X	2530-55-23-		W9RE	30,392-259-58-4	
	5			KA9OKH	20,492-218-47-17	
DELAWARE	ARKANSAS			WB9CIF	19,080-180-53-18	
AA1K	W5KL	38,052-302-63-				