

# Results, Eighth Annual ARRL UHF Contest

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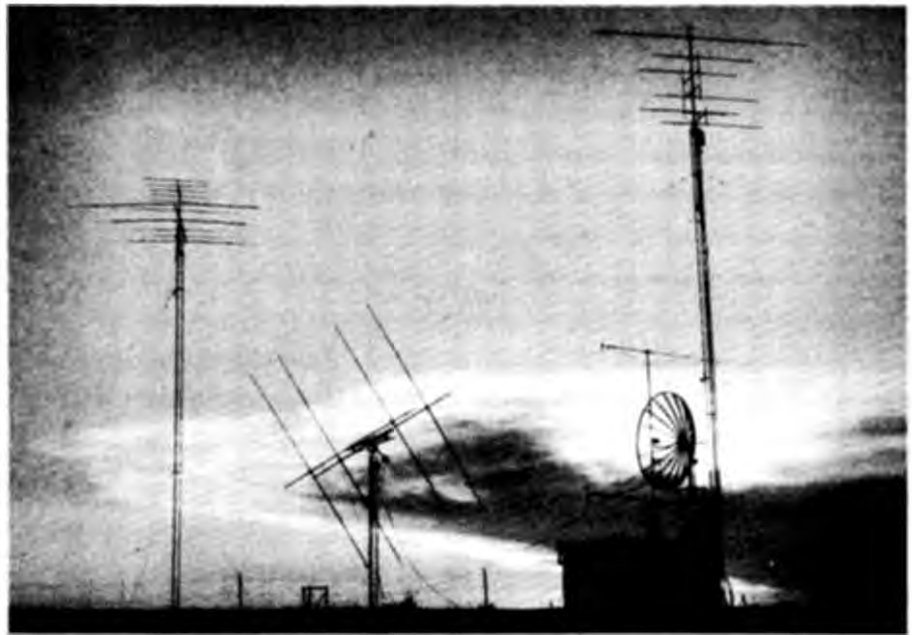
August 3-4 marked the eighth running of the increasingly popular ARRL UHF Contest. As usual, this contest was very successful. It is more than fair to say that this little gem is now a well-established operating event. Rather than jumping right to the leader boxes, let's look at two of the contest's outstanding West Coast efforts. While the scores might not be as large as those in the East, it's the *effort*, not the *score*, that really counts.

K6TZ operated Field Day-style, using solar power throughout the contest period. Storage batteries were used to maintain operations after sunset. One of their operators, WA6VNN, reported that the weather was the best in UHF Contest history. Fair propagation supported a 432.1-MHz contact between the group's Santa Cruz Island (DM04) QTH and Charleston Peak, NV. As far as can be determined, this was the first trans-California QSO on that band. Similarly, 220 was in good shape. It appears that on the west coast, as well as elsewhere, many new stations are being heard and worked on 220. This indicates a great potential for more QSOs on this band, if everyone with equipment for the band would use it! The gang at 'TZ promises more bands, higher power and better antennas in the future.

Another outstanding west coast entry was submitted by K7AUO, the Tektronix Employees' ARC. They operated from CN85, in Beaverton, OR. As is typical with stations in the UHF/microwave region, they are helping to establish microwave SSB in the States. WA3RMX has converted surplus 11-GHz telephone gear into a 10.368-GHz linear transverter. WB7UNU and W7UDM followed suit, so 3 such units now exist in the Portland area. More of these surplus rigs are available, so more 10-GHz SSB should be heard shortly. The basic transverter runs at 200- $\mu$ W output. A TWT amplifier on the original unit makes for a 10-mW-output rig. Success on 10-GHz SSB has been outstanding — with a 1.5-foot (0.5-m) dish on one end and a 3-foot (1-m) dish on the other, K7AUO and WB7UNU made a QSO over a 40-mile path . . . with only 200  $\mu$ W on each end! A QSO over the same path was attempted with 1.5 W of FM on 5.8 GHz, with marginal results. SSB really works! K7AUO reports that the group should have SSB gear operational on all microwave bands by next year.

Now, on to the boxes! K1FO, last year's number 3 multiop, operated solo this time and beat his group's multiop effort for a first-place single-op finish. WA2FGK came in second, with 1983-84 champ, WB8BKC, third. Doctor Al, K2UYH, got serious this year, to finish in the top 5 (number 4, to be precise). VE3BFM not only took Canada with his 19.7-k effort, but he also ended up number 5 overall.

Not much changed from last year on the multiop side, with perennial champs W2SZ/1

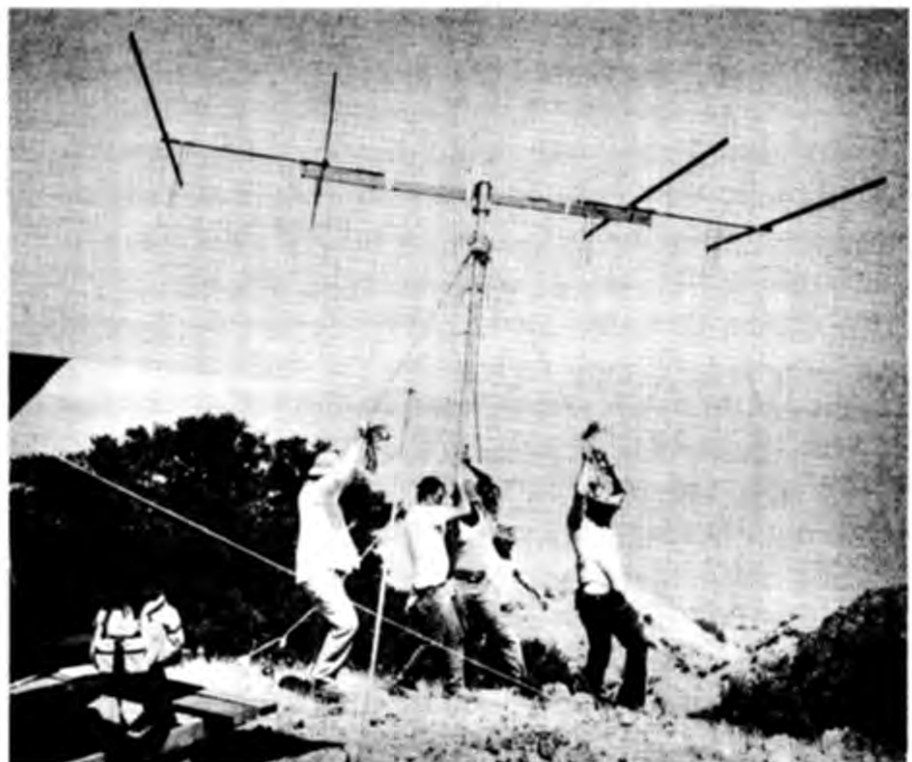


WB0DRL and WA0TKJ used this array of antennas to place first in the Midwest Division.

(remember them?) and W3CCX/8 finishing first and second, respectively. Despite a marked lack of propagation, the Mt. Greylock Hilltoppers still managed to top their 1983 record by 10 k. With the absence of K1FO, both VE3LNX and

AB4L moved up a spot in the standings. They were joined by N2CEI, to round out the top 5.

The 1986 ARRL UHF Contest will be held on August 2-3. Why not dust off that old 220 box and give the UHF 'Test a try?



Teamwork was required to set up the Santa Cruz Island operation of K6TZ.

**SOAPBOX**

Activity on Sunday was nil. I'd like to see the contest changed to the spring format, as I do better in 4 hours than 24! (K2GK). FB contest as usual. Tnx (WB2SZY). Five-year-old Eric helped dad call CQ with the memory keyer. Overall, good conditions, but less activity than usual (K2QR). I operated from rare FN46. The expressions of thanks from grid hunters made it very satisfying (VE3ASO/2). The bands were very slow this year. Saturday night wasn't too bad, but Sunday was very, very slow. The only excitement was replacing the fuses in the 220-MHz amp supply (VE3LNX). Conditions were good all week but fell apart Saturday morning. I worked W0SD Friday night with 5 x 7 signals, but rain came through and put the tropo to rest. The grid system definitely accounts for increased activity on UHF-up bands (N9KC). Conditions were very poor. A little January in August! (NI8O). Ex-K8HWW lives again as W8VO! (W8VO). What little time I was on, I noted very little FM activity on 220 and 440 MHz. It seems that we should be able to get more FM activity with the numerous hand-helds out there, and a contest such as the VHF and UHF contests help test our communications effectiveness

**Single Operator Top 5**

K1FO	47,403
WA2FGK	
(K2LNS, opr.)	38,979
WB8BKC	30,015
K2UYH	26,166
VE3BFM	19,662

**Multipoperator Top 5**

W2SZ/1	136,998
W3CCX/8	65,664
VE3LNX	22,878
AB4L	15,435
N2CEI	14,760

in case of an emergency; and we still have fun! (N8CCC). Activity seemed to be up over last year and the June VHF. Missing FN22, which is line of

sight from my QTH was depressing! I hope to add 220 MHz next year (K2EK). I operated from home. Even with the mountains around me, I worked everyone I heard (KA2Q). Not much activity, combined with a Sunday drive of 100 miles each way to the Cedar Rapids Hamfest, hurt local activity. We need scoring based on miles to help this situation! (K0CQ). I think I'm going to get some solid-state power amps. When you run a clean signal, everyone can move in close to you (K1FO). Where was Rochester on 220 and 432? (K1DS). Local activity was low, although conditions were good (NR6E/6). The contest was dead. I guess that the Hawaii opening last weekend wore everyone out (WA8LLY). Overall, we had a great time, and no big equipment failures. I think we have a shot at W2SZ/1 in the upcoming years. We'll give 'em a run for their money, anyway (WB2NPE, opr. W3CCX/8).

**FEEDBACK**

Please refer to January 1985 QST, page 78, for the following corrections. K8DW operated from Oregon, OHIO, and should have been listed after WA8TXT in the Great Lakes Division. K7HSJ was the winner in the Northwestern Division.

**Scores**

Call sign, total score, QSOs, multipliers, bands operated (C = 220 MHz, D = 432 MHz, E = 1296 MHz, F = 2.3 GHz, G = 3.4 GHz, H = 5.7 GHz, I = 10 GHz, J = 24 GHz, K = 48 GHz) and ARRL Section. Example: K2UYH had a total score of 26,166, with 102 QSOs and 35 multipliers on 432 MHz, and 38 QSOs and 14 multipliers on 1296 MHz. He is located in the Southern New Jersey Section. Call signs of Division leaders and band indicators of band winners are printed in bold type.



**Atlantic Division**

K2UYH	26,166-102-35-D	SNJ
N2WK	14,904-39-22-C	WNY
W2EIF	12,987-29-15-C	SNJ
KB3QM	11,655-25-13-C	DE
W9IP/2	7840-20-15-C	WNY
K4CHE/3	6636-25-13-C	DE
W1XX/2	6237-21-14-C	WNY
K2GK	5985-24-17-C	WNY
WA2ONK	3540-59-20-D	SNJ
K2OS	3120-40-26-C	WNY
NF2P	2772-38-10-E	SNJ
W2HRW	2574-15-9-C	SNJ
N3ET	2280-40-19-D	EPA
W3CL	2193-21-8-C	EPA
KA2MRP	1980-33-20-D	WNY
KS2T	1836-15-9-C	SNJ
WB2SZY	1674-31-18-D	WNY
K3AKR	198-9-4-C	MDC
K2BWR (+ K2ZRJ)	14,652-30-18-C	SNJ
K2QR (+ KX2I, WA2GBG)	6090-15-12-C	WNY

**Canada**

VE3BFM	19,662-21-16-C	ON
VE3ASO/2	2448-16-11-C	PQ
VE3LNX (+ VE3ADJ)	22,878-35-21-C	ON

**Central Division**

N9KC	3498-41-18-D	IL
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**Delta Division**

W5RCI	1575-4-4-C	MS
WD4DGF	765-9-8-C	TN
WA4GBE	420-14-10-D	TN
N5HYV	198-11-6-D	LA
W5UKQ	176-11-8-D	LA
WA5TKU (+ K5ASZ, WB5LUA)	9660-15-9-C	AR

**Great Lakes Division**

WB8BKC	30,015-30-18-C	MI
K8WW	18,762-6-3-C	OH
WA8TXT	11,952-20-14-C	OH
K8DIO	8712-26-19-C	OH
KD8SI	5952-9-1-C	OH
N1BO	5742-58-33-D	OH
WA8EUU	5487-17-11-C	MI
KB8ZW	4050-3-2-C	OH
N8DJB	3978-51-26-D	OH
N8BJN	2460-22-12-C	OH
W8VO	2094-19-8-D	MI
NE8I	165-5-2-C	MI
N8CCC	126-6-1-C	OH

**Hudson Division**

WA2FGK (K2LNS, opr.)	38,979-49-19-C	NNJ
N2BJ	11,855-34-15-C	ENY
K2EK	8640-96-30-D	ENY

**Midwest Division**

K0TLM	2232-7-7-C	MO
W8RT	780-18-12-D	KS
KC8OG	594-18-11-D	NE
N0CIH	378-3-1-C	IA
K0CQ	288-10-7-D	IA
K0VUA	390-13-10-D	KS
W8RPA	150-5-5-E	IA
W8JRP	210-10-7-D	MO
WB8DRL (+ WA0TKU)	8118-11-10-C	KS

**New England Division**

K1FO	47,403-45-21-C	CT
WA1JOF	9831-13-8-C	EM
K1DS	9504-24-12-C	RI
W1RIL	3834-27-11-D	WM
WA1HYN	2430-54-15-D	CT
W1GXT	1680-18-7-C	EM
W3HQT/1	1638-31-12-D	ME
K1VZI	1443-9-4-C	EM
W1GRW	1224-34-12-D	CT
AB1U	1020-34-10-D	CT
K1ISW	546-4-1-C	WM
KX1C	504-7-4-C	EM
AC1J	315-3-3-C	NH
W2SZ/1 (KA1GK, KA1DZV, KB1TG, WA2s AAU, SCA, SPL, KA2QHF, WB2s KMY, PKO, W2ARQ, NF2B, AK4L, WA8USA, G3SEK, oprs.)	136,998-78-27-C	WM

**Northwestern Division**

K7HSJ	1328-14-6-C	OR
W7TYR	900-10-6-C	OR
K7RUN/7 (CN84)	345-4-1-C	OR
K7RUN (CN94)	42-3-1-C	OR
K7AUO (NA7T, W7UDM, WA3RMX, oprs.)	9888-13-7-C	OR

**Pacific Division**

WA6QAK	2907-12-7-C	SCV
K6AMY	1920-10-7-C	EB
NR6E/6	1428-13-7-C	SJV
KF8GL	441-21-7-D	SCV
WA8LLY	24-4-2-D	SF

**Roanoke Division**

W3IY/4	24,360-33-18-C	VA
K4QIF	5148-34-17-D	VA
WA4MMP	12-2-2-D	VA
W3CCX/8 (K2EVW, N2SB, WB2s NPE,	144-4-0-D	VA

**Rocky Mountain Division**

NK0P	1551-2-1-C	CO
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**Southeastern Division**

WS4F	1920-5-5-C	GA
W4ODW	720-4-4-C	NFL
N3AHI	243-9-9-C	GA
WB4RUA	162-9-6-D	GA

**Southwestern Division**

K6HXW/6	2961-16-10-C	SB
K6LMN	2352-26-5-C	LAX
WD6BCN	306-17-6-D	SB
WB7OHF	132-11-4-D	AZ
K8PFW	60-5-4-D	ORG
K6TZ (K6SPK, NF6F, WA6s MBZ, VNN, WB6s HOZ, OBB, WD6ETK, oprs.)	7119-66-6-C	SB

**West Gulf Division**

W5GG	5673-31-21-D	NTX
K5SW	4371-13-10-C	OK
KE5EP	4140-38-18-D	NTX
W8RRY	3432-44-26-D	OK
K5DHU	2460-21-13-D	OK
WB5AFY	2168-24-14-D	NTX
WA5VJB	1764-8-2-C	NTX
W5UWB	189-9-7-D	STX
K5IS	144-2-2-C	NTX
K7CW	105-7-5-D	NTX