PRESIDENT Dave Pruett K8CC 33136 Hampshire Rd. Livonia, MI 48154 (313) 425-8296 GO MAD RIVER!

XMAS Party: Dec. 30

TREASURER Ron Harps K8NZ 8321 Edgewood Rd. Mentor, OH 44060 (216) 255-7205 EDITOR Jeff Maass K8ND 4410 Norwell Dr. Columbus, Ohio 43220 (614) 451-3713

FLASHES of Inspiration: Editorial Ramblings Jeff Maass K8ND

Well, the first thing you probably noticed about this FLASH is the change in format again. When time came for this issue I just didn't have enough material to justify the extra time required to do the reduction and formatting as seen in the previous edition. My policy will be to produce the reduced format if I have more pages than I can mail with a single first-class stamp, and to produce in this format if I don't.

With the major fall contests over, the question we should ask now is: what should a contest club do in between major contests? This winter most of us will spend some time planning antenna expansions and repairs, but we won't likely spend much time on the tower. There are a few smaller contests upcoming: the Canada Contest, the World 40-Meter and 80-Meter Championships (Wayne Green's latest attempt to make himself seem important), an ARRL QSO Party, the HA DX Contest, the World 160-Meter SSB Championships (more from that short guy), a Midnight Special, the CQ 160-Meter CW Contest, a couple of state QSO Parties, etc. A few of us will make some showing in one or more of these minor events, but for most the next real contest will be the ARRL DX (CW) Contest, February 19-20.

One of the goals of a contest club should be to make an effort to produce constantly increasing scores from it's members, as a group and individually. We have some very accomplished contesters in Mad River, some beginning contesters still logrning the ropes, and many contesters in between. Those who have, over the years, learned the tricks and tools needed to improve contest performance should be called on to pass on the knowlege to the rest of the club in some organized, efficient manner. Station design ideas are a good starting point. Operating techniques, band change plans for specific contests, how to examine your logs from last year for improvement this year, how to effectively psych-up before a contest, what to eat (and what not to eat) before and during a contest, where to find that long-path multiplier during the DX contest, how to work a VE8 on 40 meters during CW SS (Ha Ha Ha Ha! -ed.) how to determine when to call CQ and when to pounce, how to minimize inter-(Continued on page 2)

The MRRC FLASH is the newsletter of the Mad River Radio Club, an ARRL Affiliated Club serving contesters in Ohio, Michigan, Pennsylvania, Indiana, Kentucky, and West Virginia. The FLASH may be reprinted in whole or in part provided proper credit is given. Mail all inquiries or submissions to: Jeff Maass, K8ND, at the address given above. Join the Mad River Net, on Mondays, 8:30 PM Eastern, on approximately 3.825 MHz. Net: Mondays 8:30 3825

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(Editorial, Continued from page 1)

station interference in multi-multi or multi-single stations, the value of attenuators on receiver front-ends, etc. Some of these items are obvious to the successfull contester, but are mysteries to most of us.

We have a number of ways to distribute these tips and techniques: this publication, our meetings, and the weekly nets on Mondays at 8:30 PM on 3.825 MHz. In the past, some tips have been known to pass from member to member, but this has never been very efficient or organized. I suggest that we spend some time at the upcoming Christmas meeting discussing ways that we can more effectivly tap our resources in order to improve our performances.

Current Readings Items of Interest for Contesters

CQ Magazine, December 1982
"Active Antennas", Dr. Ulrich Rohde, DJ2LR, pp. 20-24.
"CQ Reviews: ETO Alpha 78", Lew McCoy, W1ICP, pp. 30-32.
"Rules, 1983 CQ 160-Meter Contest", p. 70.
"Results, 1982 CQ 160-Meter Contest", Don McClenon, N4IN, pp. 90-98.

QST, December 1982

"The Effect of Supporting Structures on Simple Wire Antennas", John Belrose, VE2CV, pp. 32-35.

"MINIMUF: A Simplified MUF-Prediction Program for Microcomputers", Robert Rose, K6GKU,

pp. 36-38.

"Rules, 1983 ARRL International DX Contest", pp. 88-89.

Ham Radio Magazine, December 1982

"Ham Radio Techniques", Bill Orr, W6SAI, pp. 58-62.

"Receiver Dynamic Range", Cornell Drentea, WB3JZO, pp. 77-79. "Is It Stolen?", George Goldstone, W8AP, pp.84-86.

KQ8M/O To Tie Knot

Tim Herrick, KQ8M, will marry Penny Ann Lewis of Chisholm, Minnesota at 1:00 PM on January 1, 1983 (sounds like a tax dodge to me). We wish him the best of luck in initiating his bride to the rigors of a contester's life.

VP2E 1983 Plans Jeff Maass, K8ND

I have now begun planning a major multi-single effort as VP2E in the 1983 CQWW CW DX Contest, and single-op or multi-single efforts in the 1983 ARRL 160-Meter Contest and 10-Meter Contests. The house used in our previous VP2E efforts has been reserved for our use from November 21 through December 14, 1983. If you are interested in joining any of these efforts, please contact me as soon as possible for details. -5

MRRC Sweepstakes SSB Scores (Unduped, Preliminary Numbers)

Mad River-Eli	gible Sco	res	
W8JI(WB8MZZ)	1450-74	214,600	
K8ND	1391-74	205,868	1839-129-346 20.085,421
K8AZ	1302-74	192,696	
K8SS	1050-73	153,300	
K8MR	987-74	146,076	
W8FN	859-71	121,978	(17 hours)
K3LR	606-74	89,686	(6 hours)
WSUPH	622-72	89,568	
KUBE	572-73	83,512	(12 hours, A- and B-power mixed)
AD8P	439-69	60,582	ANNO IN ARR NAMED ORIGIN
WB8VPA	314-69	43,332	(7 Hours)
AA8S	166-41	13,612	
N8DET	75-40	6,000	
WD8MRF	??-??	4,884	
WB8JBM	1531-74	226,588	(Multi-single)
K1LT	963-74	142.524	(Multi-single)
MRRC SSB Tota	1 (Claimed	d to date)	: 1,794,806 Points
Other SSB sco	res of int	erest (No	t eligible for MRRC(?)):
KJUA	1500-74	222,000	
K8MN	1237-74	183,076	
N5DX (K8CC)	1236-74	182,928	(18 Hours)
WSHD (WASZDT)	1075-74	159,100	
		MRRC Swee	pstakes CW Scores
	(1	Induned. R	reliminary Numbers)
		manpens 1	i errinriidi à iddiidel 21
			eriminary Number S/
Mad River Eli	gible Scor	'es	
K3LR	gible Scor 1181-74	es 174,788	
K3LR WABYVR	gible Scor 1181-74 1024-74	es 174,788 151,552	
K3LR WABYVR KBND	gible Scor 1181-74 1024-74 985-72	es 174,788 151,552 141,840	
K3LR WA8YVR K8ND W8FN	gible Scor 1181-74 1024-74 985-72 934-72	es 174,788 151,552 141,840 134,496	
K3LR WA8YVR K8ND W8FN W8LNO	gible Scor 1181-74 1024-74 985-72 934-72 825-71	es 174,788 151,552 141,840	
K3LR WA8YVR K8ND W8FN W8LNO KU8E	gible Scor 1181-74 1024-74 985-72 934-72	es 174,788 151,552 141,840 134,496 117,150	(A-Power)
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70	es 174,788 151,552 141,840 134,496 117,150	120-27 120-44 25.024 25-25 25-25 25-25 25-25
K3LR WA8YVR K8ND W8FN W8LNO KU8E	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69	es 174,788 151,552 141,840 134,496 117,150 112,176	120-27 120-44 25.024 25-25 25-25 25-25 25-25
K3LR WABYVR K8ND W8FN W8LNO KU8E W8CAR WA8RRR K8SS	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65	es 174,788 151,552 141,840 134,496 117,150 112,176 100,240	120-27 120-44 25.024 25-25 25-25 25-25 25-25
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR WA8RRR K8SS K8MR	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69	res 174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808	120-27 120-44 25.024 25-25 25-25 25-25 25-25
K3LR WABYVR K8ND W8FN W8LNO KU8E W8CAR WA8RRR K8SS	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65	res 174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360	120-27 120-44 25.024 25-25 25-25 25-25 25-25
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR WA8RRR K8SS K8MR	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70	res 174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380	120-27 120-44 25.024 25-25 25-25 25-25 25-25
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR WA8RRR K8SS K8MR N8EA	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70	res 174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,112	120-27 120-44 25.024 25-25 25-25 25-25 25-25
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR WA8RRR K8SS K8MR N8EA W8UPH	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72	res 174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,112 77,280	(A-Power)
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR W8CAR W8CAR K8SS K8MR N8EA W8UPH K8DB (K8MR)	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69	174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,112 77,280 45,500	120-27 120-44 25.024 25-25 25-25 25-25 25-25
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR W8CAR W8CAR W8CAR W8CAR W8CAR W8CAR W8CAR W8CAR W8CAR W8CAR W8CAR W8CAR W8CAR W8CAR K8SS K8MR N8EA W8UPH K8DB (K8MR) W88MZZ	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69 325-70	174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,112 77,280 45,500 35,028	(A-Power)
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69 325-70 278-63	174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,112 77,280 45,500 35,028 7,616	(A-Power) (10 Hours)
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69 325-70 278-63 119-32 1179-72	174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,380 86,112 77,280 45,500 35,028 7,616 168,480	(A-Power) (10 Hours) (Multi-Single)
K3LR WABYVR K8ND W8FN W8LNO KU8E W8CAR K8CAR K8C	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69 325-70 278-63 119-32 1179-72 913-71	174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,380 86,112 77,280 45,500 35,028 7,616 168,480 129,646	<pre>(A-Power) (10 Hours) (Multi-Single) (Multi-Single)</pre>
K3LR WABYVR K8ND W8FN W8LNO KU8E W8CAR W8C	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69 325-70 278-63 119-32 1179-72 913-71	174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,380 86,112 77,280 45,500 35,028 7,616 168,480	<pre>(A-Power) (10 Hours) (Multi-Single) (Multi-Single)</pre>
K3LR WA8YVR K8ND W8FN W8ENO KU8E W8CAR W8CA W8CAR W8CAR W8CA W8CA W8CA W8CA W8CA W8CA W8CA W8CA	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69 325-70 278-63 119-32 1179-72 913-71 (Claimed	es 174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,112 77,280 45,500 35,028 7,616 168,480 129,646 to date):	<pre>(A-Power) (10 Hours) (Multi-Single) (Multi-Single) 1,846,362 Points</pre>
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR W8CA W8CAR W8CAR W8CAR W8CAR W8CAR W8CA W8CA W8CA W8CA W8CA W8CA W8CA W8CA	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69 325-70 278-63 119-32 1179-72 913-71 (Claimed	res 174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,112 77,280 45,500 35,028 7,616 168,480 129,646 to date): rest (Not	<pre>(A-Power) (10 Hours) (Multi-Single) (Multi-Single)</pre>
K3LR WA8YVR K8ND W8FN W8ENO KU8E W8CAR W8CA W8CAR W8CAR W8CA W8CA W8CA W8CA W8CA W8CA W8CA W8CA	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69 325-70 278-63 119-32 1179-72 913-71 (Claimed P70-74	res 174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,112 77,280 45,500 35,028 7,616 168,480 129,646 to date): rest (Not 143,560	<pre>(A-Power) (10 Hours) (Multi-Single) (Multi-Single) 1,846,362 Points</pre>
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR W8C	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69 325-70 278-63 119-32 1179-72 913-71 (Claimed P70-74 933-73	res 174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,112 77,280 45,500 35,028 7,616 168,480 129,646 to date): rest (Not 143,560 136,218	<pre>(A-Power) (10 Hours) (Multi-Single) (Multi-Single) 1,846,362 Points</pre>
K3LR WA8YVR K8ND W8FN W8LNO KU8E W8CAR W8C	gible Scor 1181-74 1024-74 985-72 934-72 825-71 779-72 716-70 716-69 707-65 624-70 617-70 598-72 560-69 325-70 278-63 119-32 1179-72 913-71 (Claimed P70-74	res 174,788 151,552 141,840 134,496 117,150 112,176 100,240 98,808 91,910 87,360 86,380 86,112 77,280 45,500 35,028 7,616 168,480 129,646 to date): rest (Not 143,560	<pre>(A-Power) (10 Hours) (Multi-Single) (Multi-Single) 1,846,362 Points</pre>

Net: Mondays 8:30 3825 GO MAD RIVER!

MRRC CQWW CW DX Contest Scores (Preliminary, Unduped)

AD8I	1636-138-385	2,452,870	(Multi-Single)
KS8S	1539-129-346		(Multi-Single)
K8GM	1500-???-???		(Multi-Single)
WABYVR	1550-123-323		(Single-Op, All Band)
K8NZ	1586-114-297		(Single-Op, All Band)
WB8JBM(WD8IJP)	630- 31- 84		(Single Band 15 Meters)
K8MN	51- 8- 14		(Single Band 160 Meters)

MRRC CQWW SSB DX Contest Scores (Preliminary, Unduped)

W8UA 1650-160-481 2,950,907 (Multi-Single)	
AD8I 1713-145-447 2,716,096 (Multi-Single)	
KS85 1296-146-406 2,038,867 (Multi-Single)	
WB8VPA 564-109-254 544,137 (Single-Op, All	Band)
K8MR 200,970 (Single-Op. All	
W8UPH 181,832 (Single-Op, All	

ARRL 160 Meter Contest (Preliminary, Unduped)

ADSI	760-77	119,119	(Single-Op)
WELT	753-75		(Multi-Single)
N4AR	720-72		(Single-Op)
WB8JBM	570-??		(Multi-Single)
W8LNO	450-64		(Multi-Single)
W8FN	444-62	55,056	(Single-Op)
K8MR	35-25	1,750	(Single Op)
AD8P	5- 5		(Single-Op)

ARRL 10 Meter Contest (Preliminary, Unduped)

AD8I(KU8E)	1890-134	(Mixed Mode)
WB8JBM(N8DCJ)	1520-130	(Mixed Mode)
KJUA	1050-120	(Mixed Mode)
K8MR	85-??	(Mixed Mode)
K3LR	47-25	(Mixed Mode)
AD8P	10-8	(Mixed Mode)
KBNZ	1260-121	(CW)
WBUA	950-105	(CW)
W8FN	809-104	(CW)
WASTEQ	1550-124	(Multi-Single)

For Sale

Drake 1500 Hz filter for an R4C, \$35. Joe Subich, AD8I (614) 477-1373. IRL F5K-500 RTTY TU, \$200. IRC's, \$40/100. Jeff Maass, K8ND (614) 451-3713.



SEE YOU THERE!