



# Loveland Repeater Association Newsletter

<http://www.info2000.net/~lra>

The official organ of the Loveland Repeater Association, a non-profit organization supporting all aspects of Amateur Radio in the Loveland, Colorado area.

<b>LRA Officers</b>	
President.....	Ted Cline, NØRQV, 970-593-9303, ted_cline@agilent.com
Vice-President.....	Tom Levendusky, Jr., NØMWY, 970-962-9023, toml@frii.net
Secretary/Treasurer.....	Ron WØOSK and Jody NØAJB Klein, 970-532-3013, ronklein@ix.netcom.com
Editor.....	Walt Harsch, KCØFGT, 970-679-0178, walter@ezlink.com
<b>FM Repeaters</b>	
2 Meters (NØRQV).....	147.795 (in)/147.195 (out) MHz (100 Hz Subtone; 1* on, 0* off)
440 (NØRQV).....	449.575 (in)/444.575 (out) MHz (100 Hz Subtone; 1* on, 0* off)
Interference Coordinator.....	Ted Cline, NØRQV, 970-593-9303, ted_cline@agilent.com
General Repeater Maintenance.....	Dennis "Duff" Dyer, WØXYZ, 970-593-9984, dennis_dyer@msn.com
Repeater Macros.....	Tom Levendusky, Jr., NØMWY, 970-962-9023, toml@frii.net

Club meetings are held the first Saturday of each month at the Wayside Inn in Berthoud, CO (505 Mountain Ave (US 287), 970-532-2013). An optional \$6.00 breakfast buffet begins at 8 AM. The meeting starts promptly at 9 AM. Visitors are welcome. Come join us!

**Next Meeting: Saturday, July 7th**

Harsch KCØFGT provided lots of lunch and dinner (NO! This is not another "appointment for life" deal as was suggested at Field Day. Ed) And our mighty Virgil Leenerts WØINK again gave us a his World Famous Breakfast. I was proud when folks saw a need and jumped in to help.

Come to this Sat-July-7 meeting and see Tom Levendusky NØMWY's Field Day video.

73, Ted

**President's Corner**  
**From Ted Cline, NØRQV**

Both repeaters are working. Everything is just ducky.

Wow! I was impressed by our Field Day effort. All previous LRA Field Days have been Class 2A, but this year we did 4A. Thanks to many folks. Our Field Day Poobah, Brian Wood WØDZ, did a fine job of collecting all the equipment needed. We had 5 beams and 2 wire antennas on 6 towers! And that meant we needed (and actually had!) many volunteers for setup and takedown. Lots of operators were busy. Walt

**June 2, 2001 Meeting Report**  
**From Jody Klein, NØAJB**

President Ted Cline NØRQV called the meeting to order there were 23 members and guests present

Treasurer report: Ron, WØOSK, reported a balance of \$\_\_\_ in the club treasury which should allow a good field day support.

Newsletter: Walt reported that the email problems he had been having were fixed and that articles and want ads are always welcome.

Repeater: There was no news on macros. A new power system and battery charger is in place and working well.

ARES: Randy is charge of severe weather coordinators. At this time no training is planned.

Field Day--June 23-24: A sign up sheet for t-shirts and pins was passed around. Brian reported that he hopes to have the following stations operating: 20 meter phone, 15/40 phone, 20 cw, 20 cw, 15/40 cw, a novice/tech station and a uhf station.

It was reported that we need two generators: One for the coffee pot and one for everything else. We need 2 more tents or trailers and 2 more rigs. Brian would like to begin set up at noon on Friday.

Jody Klein, NØAJB reported on preliminary plans for a club dinner on Saturday night. The club will provide hamburgers, hot dogs, buns and all the fixings as well as soft drinks and chips. A sign up sheet was passed around and she asked for a final account by June 20. (Ron and Jody ended up being out of town on field day weekend due to a invitation to a family get together to be with Jody's brother and sister-in-law on their 50<sup>th</sup> anniversary—they regret any inconvenience their sudden absence may have caused)

From club archives: It was reported that the first field day was held in July of 1980. We operated 2A, used the call WØOSK and made 538 qso's.

There was \$20 in the 50/50. Bill Bruce was the winner and donated the money back to the club.

Brian Wood showed pictures of the Heathkit plant that he visited recently on his trip to Dayton. He also passed around a 1968 Heathkit catalogue. He also showed videos of his visit to Hamvention 2001.

### **Treasurer's Report for May 2001 From Ron Klein, WØOSK**

There were two membership renewals this month, for a total of 107 with 31 family members included.

Our bank balance was \$\_\_\_ on June 29, 2001. The significant account activity for the month was the payment of general liability insurance, field day expenses and the receipt of two member renewals.

As our Prez says "everything is ducky" and we're not broke (yet).

Details of account activity through May 25, 2001 are shown in the following table:

Beginning Balance as of 5/25/01	
Credits	
Membership Renewal	
50/50 Drawing	
Total Credits	
Debits	
Newsletter (2 months)	
Public Service	
Qwest	
Liability Insurance	
Field Day	
Bank Charges	
Total Debits	
New Balance as of 6/30/01	

### **Field Day 2001 – An Antenna Odyssey By Brian Wood, WØDZ**

We did great on Field Day! I counted 11 operators and 26 total participants including 7 visitors. The cookout and Virgil's World Famous Breakfast were well attended. We operated 4A (4 simultaneous transmitters), plus Novice/Tech and VHF.

*(Brian is being modest in the extreme by not mentioning the performance of his four "home brew" antennas. I feel compelled as your editor to include some commentary in the interest of accurate and complete reporting. His antennas helped in large part to rack up some of the numbers you will read below and by universal acclamation of the Field Day regulars, they were MUCH safer to erect. Although, there was one point when I was steadying a large ladder while the club president was teetering at the top adjusting something or other. The thought occurred to me that this might have been the origin of the "moon bounce" propagation path I'd read about some place. I was about to make a light hearted comment to that effect when it dawned on me that if we had another ladder, and I climbed up, we could have made it a "bank shot." ...But, I digress*

*If you have not already read Brian's article in the July issue of "QST" describing the antenna – I urge to do so. It is well written and describes a well-designed and practical system. It will also save you some embarrassment at the next meeting if you happen to sit anywhere near Brian as you will avoid starting the "... if you had read the article..." chant that pervaded the set up operation on Friday evening... All kidding aside, the antennas worked very well and Brian ran a great Field Day! Ed.)*

I am not quite done sorting through the dupe sheets, but here's an approximate breakdown of our results:

40cw - 219  
20cw - 575  
15cw - 512

20psk31 - 11  
15psk31 - 33

40phone - 38  
20phone - 586  
15phone - 340  
10phone - 111  
6phone - 20

Novice/Tech (WØXYZ, with help from Joseph Siefers, KCØEDZ) - 474!

Total Score: 8538  
Bonus Points: 1220

Grand total: 9758 (will go down slightly when dupes are fixed)

A score like this last year would have placed us 6th in 4A!  
Thanks to everyone who helped make this one of our best ever!

73,  
Brian "if you had read the article" Wood, WØDZ

### Field Day Logging Software By Walt Harsch, KCØFGT

Brian (above) actually recommended this shareware product for use by the club this year. I wanted to give the author, Larry O'Cull, WR9R a plug in the newsletter and let the membership know that we are in the process of paying the shareware fee. The product seemed to work as advertised after a short learning curve for our data takers.

<http://www.pr11c.com/~locull/wr9r/default.htm>  
on the web, or write:

Larry D. O'Cull  
ARS - WR9R  
4002 W. 146th  
Westfield, IN 46074

### Would you like to get your newsletter via email?

36 of you have already signed up! Thanks. If you sent me an email, but still got a hard copy, please email again. Find out what's happening with LRA a day or two sooner – sometimes even BEFORE the monthly meeting! Just send Walt an email at [walter@ezlink.com](mailto:walter@ezlink.com) and I'll add your email address to the monthly list. It's fast, it's simple and it will save your club much \$\$\$ (First class postage is up to \$.34 now!) In June I'll send in Text (.txt) and MS Word 2.0. (.doc) formats. I've tried to get rid of the extraneous characters caused by the line draw and other control codes in Word, but Bill's software just doesn't want to let them go.

Walt, KCØFGT

## Upcoming Swapfest Information

**NCARC SuperFest :** The one you've been waiting for!

Saturday, July 14, 2001, 8 AM at the Loveland Larimer County Fairgrounds. Admission \$4.

ARRLWeb offers on-line hamfest calendar: Need to know when and where the next hamfest or convention is? Visit the new ARRL Hamfest and Convention Database at <http://www.arrl.org/hamfests.html>. You can search for hamfests and conventions by state, by ARRL division or section, or--if you're not sure just where it is or what it's called--by using a word or phrase in the event's name. The Hamfest and Convention Database can narrow your search to a particular month and year if you wish. It also lets you scroll the entire hamfest schedule in chronological order. Check it out! Sponsors are requested to send hamfest or convention information to Gail Iannone, [giannone@arrl.org](mailto:giannone@arrl.org) or call 860-594-0262

### Field Day Public Service Announcement:

If you are EVER on a committee to buy food or supplies for a club event, DO NOT buy sugar packets. I screwed up and listened to "an old timer" and added them to my list. Do you have any idea how many sugar packets come in a Sam's Club carton? I won't embarrass the club member by mentioning who sent me on this fools errand.

Oh, another thing. Need a macro or want to change one you have now? Just drop a note to Tom "sugar daddy" Levendusky, NØMWY. *Ed.*

Loveland Repeater Association  
 PO Box 1733  
 Loveland, CO 80539-1733



Amateur Radio Serving the Community  
 Since 1978



**LOVELAND REPEATER ASSOCIATION  
 MEMBERSHIP APPLICATION**

NAME		CALL	
ADDRESS			
CITY		STATE	ZIP
PHONE	LICENSE CLASS	UNDER 18 Y N	ARRL MEMBER Y N
PACKET ADDRESS		E-MAIL ADDRESS	

DUES: Family Membership \$20.00    *NEW FAMILY MEMBERS ARE*  
 Under 18    \$ 5.00    *PRO-RATED AT \$1.75/MONTH*  
 \*\*\*USE BACK OF FORM FOR ADDITIONAL FAMILY MEMBERS\*\*\*

INCLUDES 2 **FREE** MACROS

Contact: Ted Cline, N0RQV, 593-9303

MAKE CHECKS PAYABLE TO **LRA**

Loveland Repeater Association P.O. Box 1733 Loveland, CO 80539-1733	TOTAL ENCLOSED DUES
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