



Loveland Repeater Association Newsletter

<http://www.qsl.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.

LRA Officers

President..... Ted Cline, NØRQV, 970-593-9303, NØRQV@arrl.net

Vice-President..... Tom Levendusky, Jr., NØMWY, 970-962-9023, NØMWY@arrl.net

Secretary/Treasurer..... Ron WØOSK and Jody NØAJB Klein, 970-532-3013, WØOSK@arrl.net

Editor..... Walt Harsch, KCØFGT, 970-679-0178, walt@waltbillie.com

FM Repeaters

2 Meters (NØRQV).....147.195 MHz + (147.795 MHz input), 100 Hz Subtone (1* on, 0* off)

440 (NØRQV).....449.575 MHz – (444.575 MHz input), 100 Hz Subtone (1* on, 0* off)

Interference Coordinator..... Slate, NØTQN, 970-484-3716, slate@frii.com

General Repeater Maintenance.....Dennis “Duff” Dyer, WØXYZ, 970-593-9984, dennis_dyer@msn.com

Repeater Macros..... Tom Levendusky, Jr., NØMWY, 970-962-9023, NØMWY@arrl.net

President’s Corner From Ted Cline NØRQV

Last time I checked, both repeaters were working. Everything is just ducky, repeater wise.

Thank you to Duff Dyer WØXYZ for his many years as LRA Repeater Maintainer. Thank you to Steve Babcoke WBØUWE, our new Repeater Maintainer.

Thank you to Slate NØTQN, our area's new Interference Coordinator.

Walt Harsch KCØFGT plans to tow his airplane to the meeting, and show us a video.

I am always looking for meeting entertainment. What can “you” tell us about?

Come join us at this Sat-Aug-2 meeting!

73
Ted Cline, NØRQV

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 \$7 breakfast buffet begins at 8 AM. Coffee, \$1 The meeting starts promptly at 9 AM. Visitors are welcome. Come join us!

Next Meeting: Saturday, August 2nd

Minutes of July 5th Meeting Jody Klein, NØAJB

There were 29 members (19 voting members) and guests present.

Reports:

Treasurer: the budget status report was passed out. Repeater fund is currently up \$____. Ron reports that with constant membership we could have a 10% increase in expenses and

still have a comfortable cash flow to add to the repeater fund. We have financially recovered as a result of the dues increase and expense reductions and are now in improved financial shape. Several other items which have been done to improve the financial condition are in the budget status report available at ____.

Tom, NØMWY mentioned that he would like to see the debt to Ted either paid or donated to the club. It was suggested that a hand written explanation would suffice as a receipt. Ron mentioned that the treasurer's report in the newsletter has the wrong date on it for the ending balance and should be 6/28/03.

Interference: none

ARES: Rick, WB7THT, reported that the new Loveland EOC has started construction. Antennas are still there and are marked as ours. A new computer with the EOC will be installed at fire station #1. It will be complete in November. Current activation, if necessary, is from the Washington School.

Old Business:

Hamcon: LRA earned \$70 profit above the \$100 seed money. Thanks again to everyone who helped.

IC756: Tom reports that he plans to take it to the NCARC swapfest. If it doesn't sell there, we will reevaluate. *(Tom was successful! – see Treasurer Report. Ed.)*

Field Day: There was a report from the Colorado Mountain Moguls on their Field Day. Rick has 15 pins and 7 shirts (M, L) left. Shirts are \$12 and Pins are \$5. Everyone who participated had fun. They were forced to shut down for about an hour due to lightning. Ellie, NØQCX reported that the BARC Jr's also had a good time. They had 35 kids operating. Kathy Leenerts KCØLTJ reported on operating Field Day from Los Alamos, NM.

New Business:

Steve Babcoke, WBØUWE, is the new repeater maintenance man. Duff, WØXYZ, was thanked for 8 years of service.

Rob, WØHDD, stated he would like to reopen the discussion of the LP Broadband proposal. After lengthy discussion, Duff, WØXYZ, stated that he felt the matter should be dropped all together. He moved and Virgil, WØINK, seconded that the club not be involved with LP Broadband or any other commercial entity at this time.. The motion carried unanimously.

Repeater site: based on information we received from Fred, Steve, WBØUWE, suggested that we need to begin looking for a new repeater site.

50/50 was \$18. Ellie, NØQCX, drew her own number and won \$9.

(I was robbed. I need to start showing up at meetings! Ed.)

Treasurer's Report for July, 2003 From Ron Klein, WØOSK

The club checking account totals \$____, and our new Repeater Fund savings account totals \$____ as of July 28, 2003. Available General Fund cash after existing obligations is \$____.

Thanks to Tom, NØMWY, who sold the donated IC756 at Superfest on July 19, the repeater fund is now at \$____. The club previously voted to apply the proceeds of this sale to the repeater fund. We now have a savings account, which will be used to separate these funds from the General Fund checking account used for expenses associated with the general operation of the club.

Details of monthly account activity through June 28, 2003 are shown in the following table. This also shows the obligations for previous expenses and the repeater fund, and the resulting "available cash" we actually have.

Beginning Cash Balance as of 6/28/03	
Credits	
IC756 Sale proceeds	
50/50 Proceeds (July 5)	
Total Credits	
Debits	
Xcel Energy – Electricity	
Qwest - Phone	
Newsletter	
Total Debits	
Cash Balance as of 7/28/03	
Obligated funds	
<i>Repeater Fund Savings Acct</i>	
<i>NØRQV-digi + '01 Field Day</i>	
<i>WØAVV-Repeater Repair(est)</i>	
Total obligations	
Available Cash as of 7/28/03	

Free to Good Home...

From Clyde Glass, NØCG via Rob Strieby, WØHDD

The July 2003 issue of "QST" lead article is about using a TVRO dish to work Oscar 40 (AO-40.) As you know, I have an 8-petal, 12-foot diameter TVRO satellite dish that I will give to anyone who wants it. Would you publicize this to the LRA members at the next meeting and perhaps in the next Newsletter? Thanks !

73 Clyde, NØCG - 970-667-7415

(Note: When I first glanced at this submission from Clyde, I was reminded how really very little I know about our hobby.

My friend Brian Wood, WØDZ is at least tactful when he reminds me that I'm not "HF ready." Another friend, and next door neighbor, Art Schildgen, KCØLXY is more candid, "Why can't you just be a man and learn to send 5 lousy wpm in Morse code so I don't have to be embarrassed to be seen with you in public?" OK, I'll admit it. I thought a TVRO dish was something else.

So, if you are new to amateur radio, Clyde is not giving away a candy dish designed to go on a coffee table in front of your TV used to hold those chocolate covered caramel Rolo things. A public service message from your Editor.)

Upcoming Swapfest Information

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>.

17 Aug 2003	+	Denver Radio Club http://www.qsl.net/w0tx/ Contact Bryan Steinberg, : KC0CUA 1011 South Foothill Drive Lakewood, CO 80228 Phone: 303-987-9596 Fax: 303-987-2195 Email: kc0cua@arrl.net	Golden, CO Div: Rocky Mountain Sect: Colorado
22- 24 Aug 2003	+	Mountain ARC http://www.qsl.net/nx0g/ Contact Carol Wilson, KC0DTQ : 765 West County Road Woodland Park, CO 80863 Phone: 719-687-8758 Email: organist@firstchristiancos.org	Divide, CO Div: Rocky Mountain Sect: Colorado

HF Rig Comparison

Here's an interesting article on comparisons of various HF rigs. This was posted on the FT-1000MP email list.

Brian Wood, WØDZ

I received the KDSP2 for my Elecraft K2 Monday, and have been A/B-ing it with my FT-1000MP since Monday night. With the unit's DSP filter set to 50 Hz (normal, not "soft") and and using NR1 with the beta set to 87 and the decay set to 30, the K2 is marginally better than the FT-1000MP on digging

weak CW signals out of the mud on both 160m and 10m. That puts the K2 in first place, ahead of all other radios checked here.

Unlike the DSP NR on all other such radios which have DSP tested here, the KDSP2 is the only one that seems to work effectively when using extremely narrow filters on CW. The improvement is more noticeable on a noisy band such as 160m than it is on a quiet band such as 10m, but it even helps there. On SSB, the KDSP2's performance is phenomenal, making weak SSB signals in the noise noticeably more copiable on the K2 than on the FT-1000MP.

For both CW and SSB, the KDSP2's NR beta and decay settings for best copy (for my ears) are 87 (the default) and 30 (default is 71) respectively.

These comparison tests are on-air tests receiving extremely weak signals in the noise without any nearby strong signals on the band. They are not lab test results. Here's the current list as I see it:

- 1) Elecraft K2 (with KDSP2)
- 2) Icom IC-746 PRO
- 3) Yaesu FT-1000MP (with INRAD mod)
- 3) Elecraft K2 (w/o KDSP2 - tied for 3rd place)
- 5) Yaesu FT-1000D
- 6) Kenwood TS-830S
- 6) Kenwood TS-870S (tied with the TS-830S)
- 6) Kenwood TS-850S (w/500 Hz xtal filter)
- 9) Yaesu FT-1000MP (without the INRAD mod)
- 10) Yaesu FT-920 (no CW filter, used hi-cut and low-cut to narrow)
- 11) Icom 746 (w/500 Hz xtal filter)
- 12) Yaesu FT-757
- 13) Icom IC-775DSP
- 14) Ten-Tec Omni VI+
- 15) Icom IC-756
- 16) Ten-Tec Orion

73, de Earl, K6SE

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
HOW DO YOU WANT NEWSLETTER? E-mail(preferred) <input type="checkbox"/> Paper Mail <input type="checkbox"/>		E-MAIL ADDRESS	

DUES: Family Membership \$25.00 *NEW FAMILY MEMBERS ARE INCLUDED.*
 Under 18 \$ 5.00 *PRO-RATED AT \$2.10/MONTH*

*****USE BACK OF FORM FOR ADDITIONAL FAMILY MEMBERS*****

INCLUDES 2 **FREE** MACROS

Contact: Ted, NØRQV 593-9303

MAKE CHECKS PAYABLE TO **LRA**

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

TOTAL ENCLOSED DUES
