

Northern Colorado Amateur Radio Club

P.O. Box 272956

Fort Collins, CO 80527-2956

The Tribander

The monthly Newsletter of the Northern Colorado Amateur Radio Club

**Club Meetings are held on the 3rd Saturday of each month
At the Golden Corral, 901 E. Harmony Rd, Fort Collins, CO.**

All are welcome and encouraged to attend.

**Bring yourself and your appetite at 8:00 am.
The Meeting begins at 9:00 am.**

NCARC Club Information

Club Officers

President	Steve Henry	N7GN	(970)226-2817	n7gn@arrl.net
Vice President	Bill Beach	K0UT	(970)224-1958	k0ut@earthlink.net
Secretary	Dave Langenberg	KC9FOO	(773)612-8435	dave@thelangenbergs.com
Treasurer Membership Chair	Willis Whatley	WA5VRL	(970)407-6599	whatley@frii.com
Interference Coordinator	Mike Bates	N7DQ	(970)219-3225	n7dq@comcast.net
Newsletter	Willis Whatley	WA5VRL	(970)407-6599	whatley@frii.com
Technical Chair	Eric Slutz	N0EAS	(970)282-3752	eric@redginger.com
Hamfest Chair	Matt Kassawara	KG0W	(970)232-5215	battery@writeme.com

NCARC Repeaters

W0UPS: 145.115 MHz – (144.515 MHz Input) 100 Hz CTCSS Subtone (1* on, 0* off) Autopatch (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
W0UPS: 447.275 MHz – (442.275 MHz input) 100 Hz CTCSS Subtone Autopatch (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
W0UPS: 146.625 MHz – (146.025 MHz Input) 100 Hz CTCSS Subtone (40-50.266N, 105-3.017W, 5600 ft) SW of the Rawhide Power Plant, 17.5 miles north of Fort Collins, CO
W0UPS: 146.850 MHz – (146.250 MHz Input) 100 Hz CTCSS Subtone (1* on, 0* off) (40-25.341N, 104-44.182 W) Greeley, CO
W0UPS-5: 144.390 MHz – APRS Digital Repeater (40-32.926N, 105-11.898W, about 7229 ft) Horsetooth Mountain, west of Fort Collins, CO

Nets

ARES District 10 Information Net	Wednesday	9:00 pm	145.115 MHz
ARES Statewide Net	Sunday	8:30 pm	145.310 MHz
Central Colorado Traffic Net	Daily	7:30 pm	145.310 MHz
Tech Net	Monday	7:00 pm	145.115 MHz

Web Page

<http://www.ncarc.net>

Note: TECH NET Changed!

This is a reminder that the 145.115 TECH NET has been **changed to Monday evening at 07:00 PM.**
It is hosted by N0WIQ, Kerry. All amateur radio operators (with 2M privileges) are welcome to check in.
It is an open forum net with Questions, Answers and Topics of interest.
If the 145.115 repeater is not available, the net will be held on the 447.275 repeater

Local Area Swaplists:

For those who can not wait or can not attend the area swapmeets, below are the websites for some of the regional swaplists found on the internet. These are updated weekly.

Aurora Repeater Assn. Swaplist: <http://www.qsl.net/n0ara/swaplist.html>

Colorado Repeater Assn. Swaplist: <http://www.w0cra.org/swap/craswaplist.htm>

Wyoming Swap Shop: <http://www.qsl.net/n0ara/wss.htm>

New Mexico Swaplist: <http://bc-ares.org/swapnet/listings.html>

New and renewing members for the current month:

KC0ZZS – James N0KNK – Hal K0OJ – O.J. KB0CVZ – Stephen N5WMS – John W7RF – Dan

The NCARC thanks you for your support.

New 220 MHz Net

There is a new informal net that is being held every Thursday evening at 7:00 pm on the 224.520 Repeater.
This is the **AB0SF** machine located at the Horsetooth Mountain site along with the 145.115 and 447.275 NCARC Repeaters.
This repeater uses the standard offset for the 220 MHz band (input on 222.920) and a 100 Hz CTCSS.
Hosted by KG6TDB, the topics will change each week and all licensed operators are invited to check in.
For those who are interested, it also features IRLP capability (it is node 3902).

Pikes Peak Radio Amateur Association Inc. MEGAFEST

06/09/2007

Lewis-Palmer High School, 1300 Higby Rd. Monument Doors Open at 8 AM
Table Cost: \$10.00 Admission: \$5.00

More info at: <http://www.ppraa.org>
for more information

Colorado QSO Party

1200Z July 15 – 0400Z July 16, 2007

Work as many stations as you can in the 64 counties in Colorado
Operation can be on CW, Phone, Digital or any combination thereof
Operating bands include all HF contesting bands as well as VHF and UHF
For complete rules, go to <http://ppraa.org/coqp>

Reader feedback on the ELF Submarine Comm system

The ELF system is not on fast attack subs as the British turned it down before it went hot. Also it transmits a whopping three characters per minute at 400 feet down with floating wire antenna of 1300 feet deployed to full length. Depending on speed, the antenna would remain above 200 feet. USS Henry L. Stimpson, SSBN 655, had the system installed in 1986 when I went to tech school on it.

Kevin Fox W0KCF / AAR8FG

RM1(SS), USN, RET

VLF/ELF, LF, UHF tech onboard 4 submarines (1 ssbn, 3 ssns)

LRA and NCARC Combined Field Day 2007

Rick Kile, WA7BNG

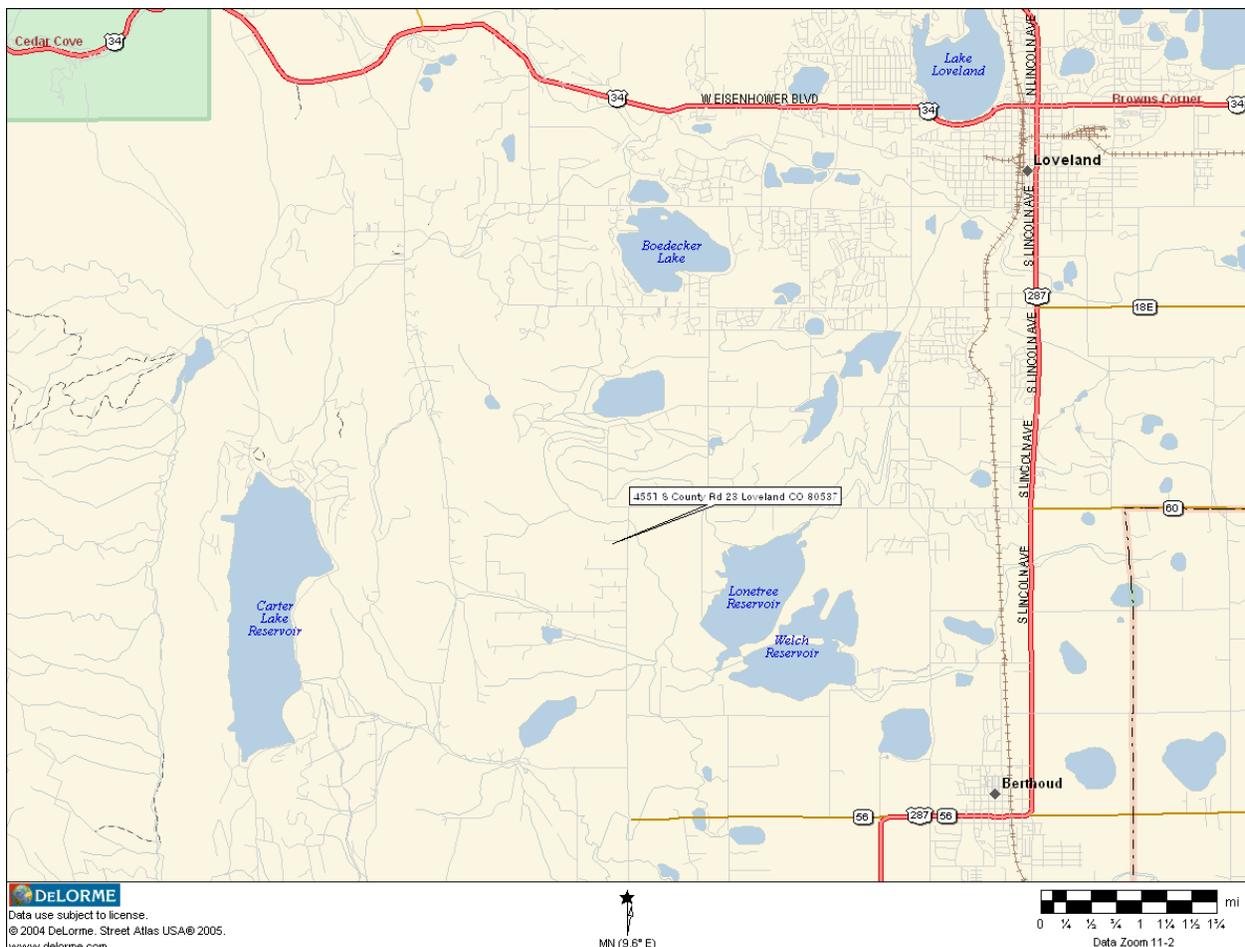
ARRL Field Day 2007 is rapidly approaching! Always scheduled for the 4th weekend in June, this year's event will be held 23-24 June. For those new to amateur radio, Field Day (and night) is a chance to check out our equipment under emergency operating conditions. It's also a perfect time of year to enjoy the great Colorado outdoors, so this event combines a camping trip with non-stop communications as the participants compete to make the most contacts in a 24 hour period.

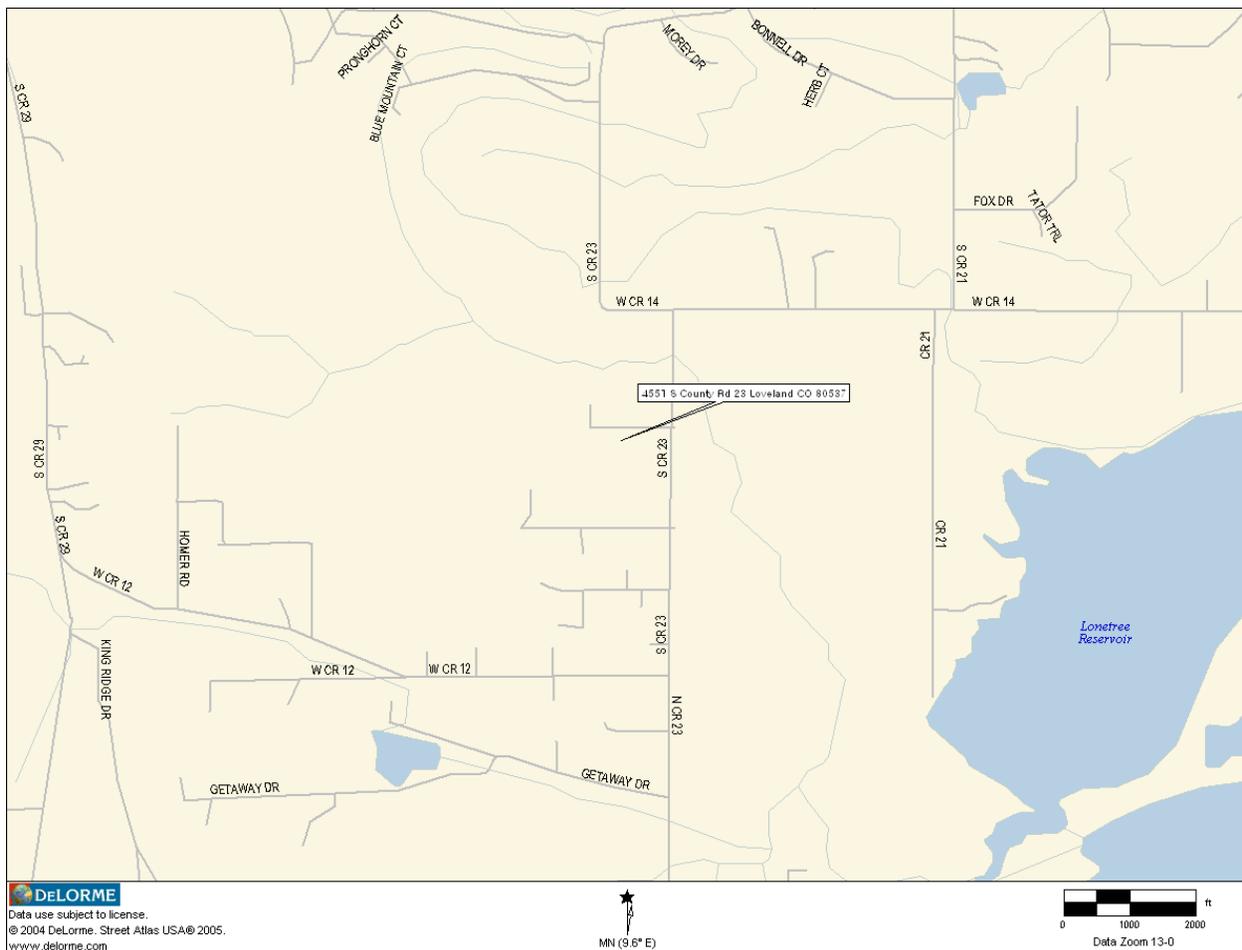
For the new ham that hasn't been able to set up an HF station, or for those with limited antennas, this is a chance to try some very good rigs and antennas or experience new and different modes of operation. If you are a more experienced ham radio enthusiast, CW operators are always in demand, but all operators are welcome. Satellite equipment and operators would also be greatly appreciated.

Our Field Day entry will operate as a 2A station (3A if we can attract enough folks to keep stations staffed for the full 24 hours). 2A means we operate two transmitters, nominally one CW and one SSB, as well as a UHF/VHF station and a "Get-On-the-Air" or GOTA station. The GOTA station is for new less experienced hams or other hams that have not been radio-active recently. The GOTA station will be staffed with a rotating crew of mentors to assist the newer operators and ensure they have a positive ham radio experience during Field Day. In addition we will be demonstrating Amateur TV, and APRS modes of operation.

This year Field Day is jointly sponsored by the Loveland Repeater Association (LRA) and the Northern Colorado Amateur Radio Club (NCARC). Rob Strieby, W0FT, has volunteered a portion of his 35 acre property just south of the intersection of County Roads 14 and 23 (see map) as the operating location for this year's event. Set-up of antennas and equipment begins at 1200 on Friday the 22nd of June, followed by a potluck supper at 1800. Family members and significant others are encouraged to attend what will surely be the top social event of the weekend. Burgers, hotdogs, brats, along with chips and cold drinks will be provided and participants are encouraged to bring a side dish or dessert. Field Day begins at 1200 on Saturday and runs through 1200 on Sunday, after which we will attempt to remove all signs of our activity from Rob's property (that means we need to take down all of our antennas and haul everything away).

The NCARC had graciously allocated \$200 towards the cost of Field Day 2007 to help defray the costs of food, drink, gas for the generator, and that all important feature, a Porta-Potty. Any residual costs will be split amongst the participants. Please contact Rick Kile, WA7BNG (wa7bng@comcast.net) or Tom Levendusky, AC0CH (ac0ch@msn.com) if you have questions or to confirm your participation in this fun event. Please let us know if you will be attending the Friday evening potluck so we know how many to expect and what you can bring for the potluck.





Directions: From Eisenhower Blvd (Highway 34), turn south on Taft Ave. Proceed south on Taft Ave to the large water storage tank on the SW corner of Taft Ave and County Rd 14 (approximately 4.1 miles). Turn west (right) onto County Rd 14, and continue west to County Rd 23 (approximately 2.8 miles). Turn south (left) on County Rd 23; the access road to Rob's house is approximately 0.3 miles south. Turn west (right) on to the access road for approximately ¼ mile to Rob's driveway on the left. Signs will mark the parking area.

It's time for the next Quarterly (?) NCARC Pizza Party

On Monday - June 4, 2007

At Woody's Wood-fired Pizza, 518 W. Laurel St., Fort Collins, CO

Usually begins between 5 and 6 PM and goes till around 7:30 or 8 PM

Recently, Bill Starkey of Lakewood, Colorado contacted officers of the NCARC. He informed us that his brother Jim Starkey (W0KJY) passed away a few weeks ago. Ham radio was Jim's passion throughout his whole life. At the age of 16 he built his first Heathkit radio transceiver. He was a heavy user of the OSCAR satellites and enjoyed bouncing signals off the moon to reach distance locations. Located at his QTH in south Ft. Collins were lots of astronomical tables that he used to point his antennas for maximum effect. He received QSL cards from many European countries, Russia and South America. He was also an active participant in many ham radio contests over the years.

As executor of Jim's estate, Bill donated all of Jim's amateur radio equipment, antennas and towers to the NCARC in his memory with instructions to use the donated equipment as determined by the club officers. Bill gave the members of the NCARC permission to enter the grounds of his property for the purpose of removing the antennas, towers and feed-lines that are located in the back yard of that property.

At the May club meeting, a request was made for a crew to handle the removal of the antennas and towers. A motion was made and passed regarding the disposition of the two towers located on the property. On Sunday, the 19th of May, a crew of NCARC members went to the house and removed the antennas, feedlines and towers from the grounds of the property as requested. A decision on the disposition of the other equipment, which is in generally poor condition, will be determined at a future time.

The images on the following pages were obtained during the antenna party on Sunday. After about five hours of work, the crew stood down and several of the crew members returned the following day to complete the process.



View of the property with Rohn 45 tower crew at work



**Dan (W7RF) and John (N5WMS)
Removing the top section of the Rohn 45**



Matt (KG0W) and Jay (KG6TDB)
The ground crew for the Rohn 45



Eric (N0EAS)
Tower man for the short tower



Steve (N7GN)
Ground man for the short tower



Matt (KG0W)
Working on removal of the 12 foot dish in the backyard

