

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	Chris Howard	W0EP	(970)493-2309	chris@yipyap.com
Technical Chair	Dan Magro	W7RF	(970)295-4200	w7rf@radiodan.com
Hamfest Chair	Matt Kassawara	KG0W	(307)220-3110	battery@writeme.com

NCARC Repeaters

W0UPS: 145.115 MHz – (144.515 MHz Input) 100 Hz CTCSS Subtone (1* on, 0* off) Autopatch Echolink Node 4236 (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: 224.520 MHz – (222.920 MHz input) 100 Hz CTCSS Subtone IRLP Node 3902 (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
W0UPS: 448.025 MHz – (443.025 MHz Input) 100 Hz CTCSS Subtone ARES Rptr (40-26.650N, 104-59.370W, about 5192 ft) Budweiser Event Center on I-25 at MM259

Nets

ARES District 10 Information Net	Thursday	7:00 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
220 MHz Informal Net	Tuesday	7:00 pm	224.520 MHz
Tech Net	Wednesday	7:00 pm	145.115 MHz

Web Page

<http://www.ncarc.net>

New and renewing members:

N0CPU, KC0FFY, N5WMS, KD0EQQ, KD0FKM, AC7CS, W0DDX, KC0WZT, N2NYS, KB0ZKI, KA0TEY

Expiring or Expired:

WB5MJM, N0UI, KC0ZST, W5WIW, WC0WZV, N0FZD, W0LEV, W0EP, KG0HM, KB0WWA

The NCARC thanks you for your support.

Notice: NCARC Name Badges are available for only \$10 each.

Just send your name; as you want it on your badge to **W5WIW** Willie Williams, 434 Magnolia Ct, Eaton, CO 80615, W.I.Williams@msn.com. It can be your full name, your first name, or your nickname and your call sign. Mail your payment for the Name Badge(s) to the NCARC P.O. Box (or bring it to the club meeting) and allow 3 to 4 weeks for processing. To view a sample of the name badges, just come to the club meeting. Willie also has shirts, patches, mugs and other NCARC goodies available.

New Repeater Installed and Operational: 448.025 (100 hz)

At the October NCARC breakfast meeting we received a short presentation with pictures of the new repeater installation at the Budweiser Event Center directly east of I-25 across from the Loveland/Fort Collins airport at the Larimer County fairgrounds. Send signal reports to the Technical Chair as listed above.

Editor's Notes**Two notes this month about books and periodicals related to Amateur Radio.**

First, if you are a member of the ARRL you can now access all back issues of QST up through 2004 from the www.arrl.org website for FREE. No more searching through piles of old QSTs looking for an article. This is in addition to the Technical Information pages that were already available. Believe me, if you haven't considered joining the ARRL before, this is a good reason to think about it.

Second: My son and I recently walked over to the CSU library and got ourselves library cards. We were able to check out books the same day. You may have been to the Fort Collins Library and found yourself unimpressed with the range of technical material available. It is a different story at the CSU library. I have already checked out books on microcontrollers, HF amplifier design, and the early history of radio. Right now I am reading Empire of the Air, a 1991 history of early radio by Tom Lewis. According to their web page, "community borrowers" who can show residence in Colorado and are in 6th grade or older can get a one year renewable library card. As I recall, I flashed them my Colorado Driver's License and filled out a postcard-sized form so they would know where to track me down if their books didn't come back. They handed me a temporary card-thing, and my real library card came in the mail soon after. According to the searchable on-line catalog at <http://catalog.library.colostate.edu/>, their collection includes some bound issues of early radio journals, even QST (1922-2007).

Testing in Greeley December 13th

VE TEST SATURDAY 13 DEC 2008 AT 1PM, FARR LIBRARY 1939 61ST AV GREELEY CO.
WALK INS OK PREFER CORRECT AMMOUNT OR CHECK TO ARRL/VEC.

CONTACT: OJ K0OJ 970 353-7094, k0oj@msn.com

November NCARC Meeting Minutes

NCARC Meeting

November 15, 2008

Location: Golden Corral

Meeting was called to order by Steve Henry at 9:00 AM

There were 39 members and 1 guest present

REPORTS:

There was no treasurer report.

Tech Committee: Dan has received the new repeaters and are tuning them. He'll be handing the installation over to Eric (N0EAS) as of today. The Budweiser Events Center repeater seems to be working perfectly.

Interference: We experienced some interference from a commercial station this past month. A call was placed to the FCC and the problem cleared up.

HamFest: The fest is Jan 17, 2009, please sign-up for tables and staffing.

GENERAL ANNOUNCEMENTS:

December 5th from 5pm - Dec 6 5:00PM is NWS appreciation day. If you want to go to Boulder and man WX0DEN for the contest you need to sign-up with the NWS beforehand or you won't be able to get into the gate.

ARES: Yesterday was the Larimer/Weld County Flu Pandemic Test. It was a great success. Loveland has approved new equipment for the EOC.

Willie now has club jackets for sale. See him if you'd like one. Also, you can now order hats with the club logo and your call-sign.

NEW BUSINESS:

Officer Elections: Rob W0FT motioned to elect the slate of officers for next year. Seconded by Steve. Motion passed. New officers for 2009 will be:

President: Dan Magro W7RF

Vice President: Tom Jungmeyer K1TJ

Secretary: David Langenberg KC9FOO

Treasurer: Willis Whatley WA5VRL

Membership/Newsletter: Chris Howard W0EP

Control Op: Mike Bates N7DQ

Tech Committee: Eric Slutz N0EAS

Interference: Larry Arvae W7LRY

HamFest: Matt Kassawara KG0W

MOTION: Rob W0FT motioned that the club offer it's micor repeaters to WARS for free if they want them. Seconded by Mike N7DQ. Motion Carried.

The meeting adjourned at 9:50

Video of Horsetooth Repeater Visit

Justin King, KC0ZZT has posted video of a recent trip to the Horsetooth repeater site on youtube.com

Part 1: <http://www.youtube.com/watch?v=fhPzuRldqDI>

Part 2: <http://www.youtube.com/watch?v=1dkcl3l3iXk>

Part 3: http://www.youtube.com/watch?v=4nXIS7_KtIA

Part 4: http://www.youtube.com/watch?v=0sVn1_UVSY4

Short Items

The US Fish and Wildlife Service (USFWS) has notified a group of hams led by veteran DXpeditioners Bob Allphin, K4UEE, and Glenn Johnson, W0GJ, that they will be able to mount a DXpedition to Desecheo Island (KP5, IOTA NA-095), February 12-26, 2009 <<http://www.kp5.us/>>. Desecheo currently sits at number 7 on the Most Wanted list, kept by "DX Magazine." Desecheo is a small uninhabited island in the Mona Passage, 14 miles off the western coast of Puerto Rico. It is part of the USFWS's national wildlife refuge system administered by the Caribbean National Wildlife Refuge Complex (CNWR).

ARRL Continuing Education Course Registration: Registration remains open through Sunday, December 7, 2008, for these online course sessions beginning on Friday, December 19, 2008: Amateur Radio Emergency Communications Level 2; Antenna Modeling; HF Digital Communications; and Radio Frequency Propagation. Each online course has been developed in segments - learning units with objectives, informative text, student activities and quizzes. Courses are interactive, and some include direct communications with a Mentor/Instructor. Students register for a particular session that may be 8, 12 or 16 weeks (depending on the course) and they may access the course at any time of day during the course period, completing lessons and activities at times convenient for their personal schedule. Mentors assist students by answering questions, reviewing assignments and activities, as well as providing helpful feedback. Interaction with mentors is conducted through e-mail; there is no appointed time the student must be present -- allowing complete flexibility for the student to work when and where it is convenient. To learn more, visit the CCE Course Listing page <<http://www.arrl.org/cep/student>> or contact the Continuing Education Program Coordinator <cep@arrl.org>.

from ARRL Letter (by email)

==== Rocky Mountain Division Awards -- Call for Nominations =====

There are many hams within our great Division who deserve to be recognized for their achievements -- and we'd like to honor them. The following annual awards are now being offered by the Division:

Rocky Mountain Division Ham of the Year Award
Rocky Mountain Division Young Ham of the Year Award
Rocky Mountain Division Technical Achievement Award

Complete details, rules and a nomination form can be found on the Division website (www.RockyMountainDivision.org). Awards will be announced and presented at the Rocky Mountain Division Convention immediately following the close of nominations.

from ARRL Rocky Mountain Division update -- November 2008 (by email)

Looking for an L-Network equation or the pinout for an op-amp? A compact presentation of such useful information in PDF format is available at <http://www.arrl.org/news/files/HandyReference.pdf>

NCARC Winter Hamfest 2009 (a repeat from the October Newsletter!)

The NCARC Winter Hamfest will be January 17, 2009 at the Lincoln Center in Fort Collins (same place as the last few years). Admission is \$5. Tables are available for \$5, which includes one free admission. So bringing some stuff to sell and getting a table is the same price as just coming in the door. Club members are again called upon to volunteer to work the hamfest. If you would like to be in on the planning and preparation see Matt KG0W, his email address and phone number are on page 2 of this newsletter. The hamfest is the club's biggest fundraiser each year, so please volunteer, get a table, and/or attend and buy some stuff.

Door prizes this year will again be tremendous. Top prize is an ICOM IC-7000 all-band all-mode compact HF/VHF/UHF transceiver. Second prize is Yaesu FT-8700 dual band FM mobile transceiver. Third prize is a Yaesu VX-6R/E dual band 5 watt handheld. You must be present at 12:30pm for the big doorprize drawing in order to win.

Our hamfest committee has already created a flyer which you can access on the internet at http://home.comcast.net/~n0wiq/2009_Flyer.pdf Feel free to print off a few and spread them around. Tell your friends. Start piling up some of that excess radio junk you've been keeping in the barn, dust it off, get it ready for sale.



photo of Horsetooth repeater site by Justin King kc0zzt



Northern Colorado Amateur Radio Club Information/Application Form



- I would like more information on Amateur Radio.
- I want to join the NCARC. My payment is enclosed.
- I want to renew my membership. My payment is enclosed.

Annual Dues:
Family Membership: \$25.00
Full Time Students: \$5.00

BEFORE FILLING THIS OUT, READ THIS MESSAGE -----



Name: _____

Callsign: _____

Street: _____

City: _____

State: _____

Zip: _____

Telephone: _____

License Class: _____

E-mail Address: _____

You only need to fill in your name or callsign and anything that has changed. Any items left blank will be assumed to be correct in the NCARC database.

If you would like to receive the newsletter by E-mail, please indicate so here.



Receive Newsletter by E-mail? YES NO

Student? YES NO

ARRL Member? YES NO

Please mail this form to: NCARC
P.O. Box 272956
Fort Collins, CO 80527-2956