

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
For JANUARY, 2011
Club Meetings are held on the 3rd Saturday of each month

LOCATION for Saturday, JANUARY 15

WINTER HAMFEST 2011

Open to public 8:30 am to 1:00 pm!

Vendors Setup beginning at 7:00 am

Larimer County Fairgrounds

5280 Arena Circle, Loveland, CO

Thomas McKee Exhibition Hall

(the southernmost bldg in the complex)

All Friends, family & kids are welcome and encouraged to attend.

NCARC Club Information


Club Officers

President	Bill Dawson	<i>K6VPE</i>	970-353-7094	k6vpe@netscape.net
Vice President	Chris McNair	<i>KDØEGE</i>	970-372-9842	kd0ege@gmx.com
Secretary	Jerry Williams	<i>KE5INP</i>	970-454-3821	jcwillie@mywdo.com
Treasurer	Monika Reinholz	<i>KDØMVA</i>	970-518-1138	monika_r_r@hotmail.com
Newsletter Editor	John Wells	<i>KBØNE</i>	970-568-7646	KBØNE.ars@gmail.com
Control Op / Trustee	Tom Jungmeyer	<i>K1TJ</i>	970-484-8329	tom@completetowing.com
Technical Committee Chair	Aaron Cathcart	<i>NØWAR</i>	970-214-1653	hamradiofreak@gmail.com
Hamfest Chair	Charles Hess	<i>KDØGMW</i>	970-667-4357	sales@667help.com
Interference Coordinator	Justin King	<i>NØAOL</i>	970-290-9045	Whtheld by request
Webmaster	Ed Gage	<i>NØTVQ</i>	970-302-3455 970-356-5005	edward_gage@hotmail.com
Web Content Coordinator	Eugene Bentz	<i>KI6MPA</i>	not listed	eugeneb@bentz.net

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 (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 [Will be relocated at some time... details as they become relevant] (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 Repeater (40-26.650N, 104-59.370W, about 5192 ft) Budweiser Event Center on I-25 at MM259
W0UPS: 145.205 MHz – (144.605 MHz Input) 100 Hz CTCSS Located on Buckhorn Mountain. (GPS: 40.6169, -105.3274) Link to 224.840 by touch tone 10* - unlink with 11*
W0UPS: 224.840 MHz – (223.240 MHz Input) 100 Hz CTCSS Located on Buckhorn Mountain. (GPS: 40.6169, -105.3274) Link to 145.205 by touch tone 10* - unlink with 11*

Nets

ARES HF Net	Sunday	8:00 am	~3.81 MHz LSB
Pine Beetle Net 	Sunday	~9:00 am	145.205 MHz
ARES Statewide VHF Net	Sunday	08:00:00 PM	145.310 MHz
Central Colorado Traffic Net	Daily	7:30 pm	145.310 MHz
220 MHz Informal Net	Monday	7:00 pm	224.520 MHz
Tech Net	Wednesday	7:00 pm	145.115 MHz
ARES District 10 Information Net	Thursday	7:00 pm	145.115 MHz

Web Page

<http://www.ncarc.net>

NCARC Meeting Minutes

December 18, 2010

The December meeting was held at the Widow McCoy Restaurant in Loveland. It was called to order at 9:08 by acting President Willis, W5VRL. Introductions were done all around, with call letters. There were 39 members, and 2 visitors present.

Secretary's Report: Report was read, motion made to accept as read, seconded, motion passed.

Details of the procedure for election of officers were presented. The nominations were still open for any voted-in position, if anyone had any more names to present.

Here are the names of the winners:

President:	Bill Dawson	K6VPE
Vice President:	Chris McNair	KDØEGE
Secretary:	Jerry Williams	KE5INP
Treasurer:	Monika Reinholz	KDØMVA
Newsletter:	John Wells	KBØNE
Control:	Tom Jungmeyer	K1TJ
Technical:	Aaron Cathcart	NØWAR
Hamfest:	Charles Hess	KDØGMW
Interference:	Justin King	NØAOL
Website:	Eugene Bentz	KI6MPA

We congratulate these officers, and wish for you all a good year ahead.

Old Business: Projector and Screen: We have a screen now, but no projector. We will need some prices on a projector, so we can take a vote on it. Motion was made to table this project until after the hamfest, meeting to be in February, motion passed.

Tower: Rob cannot connect with the man concerning the Horsetooth Repeater, but he will keep trying.

Website: Ed Gage, host: we have "My Domains", which is an area in which to store stuff. Members can get newsletters, etc., but addresses would not be accessible except by password. Postings would be direct from the officers. NCARC.net/ncarc now For more information about this contact Ed, or Eugene Bentz.

New Business: Discussion held about paying dues through PayPal or not. Motion made and passed to postpone decision about this until February meeting.

ARES D-10 looking for supervisory staff. Volunteers may contact Rob W0FT.

Hamfest: Will be January 15, 2011, at the Ranch. Volunteers and workers should arrive at 7:00, the public will be allowed in at 8:30. Fliers are ready for putting out and around to help get visitors out there. There are demonstrations scheduled for different times during the morning, and Charles said we have a real ticket-turner basket for this time.

Willis presented a card of thanks to the management of Widow McCoy's Restaurant for having us in their place this year.

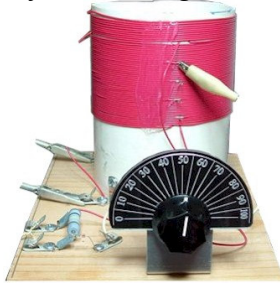
Willis had the new officers introduced, and said that they need to gather together in February for a picture.

There was no presentation at this time, so the meeting was adjourned at 9:55 AM.

Submitted by Jerry Williams, Secretary

From the evil scientist lair:

Looks like our boy is building an insidious device



with some kind of time base



Just in case you haven't seen it yet: (TELL EVERYONE!!!)

Northern Colorado Amateur Radio Club (NCARC) Presents

WINTER HAMFEST 2011

Admission \$5 (children under 12 free)
6 ft Tables \$10 ea or... 4 for \$30, 8 for \$60.
(Tables do not include admissions)
Talk in: 145.115 (-offset 100 Hz CTCSS)
146.520 Simplex

<http://www.ncarc.net>

ARRL VEC EXAMS 9:30 am Prompt !



1st Prize: Icom IC-7000 !!!



2nd Prize: Kenwood TM-V71A !!



3rd Prize: Yaesu VX3R

Saturday, January 15, 2011
Open to public 8:30 am to 1:00 pm!

Vendors Setup beginning at 7:00 am
Larimer County Fairgrounds
5280 Arena Circle, Loveland, CO
Thomas McKee Exhibition Hall
(the southernmost bldg in the complex)



Take exit 259 off I-25
East on Crossroads Blvd 0.35 mile
North on Fairgrounds Ave 0.25 mile
to southern main entrance of "The Ranch"

Hourly door prizes...
Main Drawing at 12:00 pm
You MUST be present to win.

See you there !
73, NCARC

For Advance Table Reservations contact:

— Charles Hess, KD0GMW
(970) 667-4357

Make checks payable to NCARC
P.O. Box 272956 Fort Collins, CO 80527-2956

Nope.... It's not something from the underground.

It's a KBØNE project with a little present day nostalgia.



TESTING THE TUNING RANGE

Getting back to the roots of radio and perhaps this is the best reason to never go digital on AM broadcast: I was inspired while helping do a Boy Scout project for the grand kids and got carried away.

This is a Crystal Radio set that tunes from 545 KHZ to 2.6 Mhz. It uses a 1N34A diode, Hi Z ceramic element earphone, and a variable tuning capacitor. The antenna link and tank coil are built on a 4 inch PVC DVW pipe. Taps on the tank coil provide the ability to maximize tuning Q (better selectivity) or get more volume from the received signal. Fahnestock clips allow attaching wires as needed. Fancy dial plates (and other parts) were obtained from Crystal Radio Supply. <http://www.crystalradiosupply.com/> This simple device works surprisingly well. I was able to hear out of state stations with good selectivity.

Best of all: No power supply, NO SOFTWARE!

Since we live on PV solar power; I suppose if I were to build a whole bunch of these I could charge my batteries for free.... Then again the XYL might get a little too excited about all the longwire dipoles strung across the valley. However, it took her a while to even notice I wasn't in the house when I secluded myself in the ham shack. I'll have to ponder that decision.

Next generation will be a TRF design with a zero bias detector.

Cool, 2 knobs to turn! 3 if I ad a volume control.

If you have a 1 or 2 page pet project that you would like to share with NCARC please send it to KBØNE.ars@gmail.com.



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: (regualr yearly dues due January 1st of every year.)
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