

Northern Colorado Amateur Radio Club
P.O. Box 272956
Fort Collins, CO 80527-2956



The Tribander

© JUSTIN KING

The monthly Newsletter of the Northern Colorado Amateur Radio Club
For APRIL, 2011

Club Meetings are held on the 3rd Saturday of each month

*** LOCATION for APRIL***

Widow McCoys Restaurant
1011 E. Eisenhower Blvd.
Loveland, Co 80537 970-667-0426

All (Friends, family & kids) 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	Bill Dawson	K6VPE	970-353-7094	president@ncarc.net
Vice President	Chris McNair	KDØEGE	970-372-9842	vp@ncarc.net
Secretary	Jerry Williams	KE5INP	970-454-3821	secretary@ncarc.net
Treasurer	Monika Reinholz	KDØMVA	970-518-1138	treasurer@ncarc.net
Newsletter Editor	John Wells	KBØNE	970-568-7646	newsletter@ncarc.net
Control Op / Trustee	Tom Jungmeyer	K1TJ	970-484-8329	controlop@ncarc.net
Technical Committee Chair	Aaron Cathcart	NØWAR	970-214-1653	techchair@ncarc.net
Hamfest Chair	Charles Hess	KDØGMW	970-667-4357	hamfest@ncarc.net
Interference Coordinator	Justin King	NØAOL	970-290-9045	interference@ncarc.net
Webmaster	Ed Gage	NØTVQ	970-302-3455	webadmin@ncarc.net
Web Content Coordinator	Eugene Bentz	KI6MPA	970-371-2446	webadmin@ncarc.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	8:00 PM	145.310 MHz
Central Colorado Traffic Net	Daily	7:30 pm	145.310 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

March 19, 2011

Meeting called to order by our president, Bill at 8:59. Introductions were made around the table.

MINUTES

No minutes from last month (Jerry not present at this meeting), however, the minutes are on the web site in the March news letter.

TREASURER

No Treasurer's Report

OLD BUSINESS

Rob reported on repeater site rent. Rent is fee but they want 5 million dollars of insurance. Club can do \$1 million. Report went to Bill. Negotiations with REA will be reported on next meeting.

NEW BUSINESS

Willis reported on and handed out copies of the club's new mission statement. It was written by a committee of four club members. The MISSION Statement is on the web site. Thanks to all those who worked on this.

Tom reported the project to link the NCARC repeaters together is making good progress.

\$1000 was donated by the Colorado Marathon to NCARC.

Willis reported the 10K run is requesting our help again.

Charles reported the Ham-fest Committee procedure. There are six positions needed for the Ham-fest committee and Charles needs volunteers to step up.

Rob reported on HR-607. (FCC desire to reallocate the lower end of the 440 ham band for commercial use). He also suggests that ARES use a 70cm repeater rather than two meters so the 70cm band usage can be logged as ARES time.

TECH REPORT

Aaron reported there is a video of the Buckhorn repeater antenna work on the club web.

UP COMING EVENTS

April 2nd is the Longmont Ham-fest

Dave reported he will have a VHF event table at the Ham-fest.

Willis reports we need a flyer for NCARC at the Ham-fest. Willis volunteered to take care of this.

Next Month the BARC-FEST kids (BARC Juniors) will give Dayton bound talks at the April NCARC meeting.

It was reported that Pay Pal is set up and ready for paying club dues for those that wish to use this service. There is an additional processing fee surcharge for club fees when paying by PAYPAL. You may also use a credit card.

Meeting Adjourned by Bill (Club President)

Meeting minutes submitted by Larry W7LRY, edited by John KBONE

-----Spread Spectrum Rules and test pool questions change-----

QST de W1AW

ARRL Bulletin 12 ARLB012

From ARRL Headquarters

Newington CT March 31, 2011

To all radio amateurs

SB QST ARL ARLB012

ARLB012 Revised Spread Spectrum Rules to Go Into Effect April 29, 2011

The revisions to the FCC rules affecting Spread Spectrum transmissions will go into effect April 29, 2011. The Report and Order was published in the March 30 Federal Register.

Details on the revisions can be found on the web at,

<http://www.arrl.org/news/fcc-adopts-spread-spectrum-rules-changes>

Adopted February 22 and released March 4, 2011, the Report and Order eliminates the requirement that amateur stations transmitting Spread Spectrum use Automatic Power Control (APC) to reduce transmitter power. The Commission also reduced the maximum power of a Spread Spectrum emission from 100 W to 10 W PEP.

The Question Pool Committee of the National Council of Volunteer Examiner Coordinators has removed a related question, E1F13, from the Amateur Extra Class Question Pool.

-----A couple things from K0OJ-----

-----WWV SURVEY -----

(WWV usage survey by the NIST folks, I use it a lot and appreciate the service, KB0NE)

www.tf.nist.gov/survey

-----For those restoring "vintage" radios-----

<http://www.eastwood.com/ew-wrinkle-paint-black-aerosol-12-oz.html>

Here's some Black, Wrinkle Finish paint - has a good review as well.

I had pasted an ad for the Vintage High Voltage show in Northglenn a couple of months ago and was very pleasantly surprised by the number of restored early 1900's radios and ham gear. Quite amazing what folks had concocted in the early years. There were many beautifully restored or preserved console radios and early and rare transistor radios on display.

If this interests you check the news letter 2 months ago and get on the mailing list. This was very much worth the time to look. (Dang! I couldn't find any \$2,000 vacuum tube IPOD docking stations... oh well; I don't have an IPOD anyhow!)

Also while down in Denver I wanted to go to lunch with my friend Gary (KG0SI) and I and my friend Mike met Gary and my other friend Gary L at the Aquarium (next to Elitch's xxxxx I mean 6 Flags). Gary L wanted Gary G (KG0SI) to have a peek at the ozone generator that was malfunctioning..... Any how, Mike and I ended up getting a back stage tour of inner workings of the Aquarium. Totally amazing!

All in all, my Sunday High Voltage trip to Denver turned into quite an adventure!

'NUFF fer Now 73s KB0NE



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: _____

Receive Newsletter by E-mail? YES NO

Student? YES NO

ARRL Member? YES NO

□

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