

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 SEPTEMBER, 2010  
Club Meetings are held on the 3<sup>rd</sup> Saturday of each month

**\* LOCATION for SEPTEMBER \***

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

<b>President</b>	Willis Whatley	<b>WA5VRL</b>	970-407-6599	whatley@frii.com
<b>Vice President</b>	Mike Bates	<b>N7DQ</b>	970-219-3325	n7dq@comcast.net
<b>Secretary</b>	Jerry Williams	<b>KE5INP</b>	970-454-3821	jcwillie@mywdo.com
<b>Treasurer</b>	Paul Rulon	<b>KDØBER</b>	970-495-0181	paulrrulon@comcast.net
<b>Newsletter Editor</b>	Maurice Mines	<b>KDØIKO</b>	970-378-7065	minesm@me.com
<b>Control Op / Trustee</b>	Tom Jungmeyer	<b>K1TJ</b>	970-484-8329	tom@completetowing.com
<b>Technical Committee Chair</b>	Eric Slutz	<b>NØEAS</b>	970-282-3752	eric@redginger.com
<b>Hamfest Chair</b>	Mike Bates	<b>N7DQ</b>	970-219-3225	n7dq@comcast.net
<b>Interference Coordinator</b>	Chris McNair	<b>KDØEGE</b>	970-225-9626	kd0ege@gmx.com
<b>Webmaster</b>	Ed Gage	<b>NØTVQ</b>	970-302-3455 970-356-5005	edward_gage@hotmail.com

## NCARC Repeaters

<b>W0UPS: 145.115 MHz</b> – (144.515 MHz Input) 100 Hz CTCSS Subtone (1* on, 0* off) Autopatch <b>Echolink Node 4236</b> (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
<b>W0UPS: 447.275 MHz</b> – (442.275 MHz input) 100 Hz CTCSS Subtone Autopatch (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
<b>W0UPS: 224.520 MHz</b> – (222.920 MHz input) 100 Hz CTCSS Subtone (40-32.926N, 105-11.898W, 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
<b>W0UPS: 146.625 MHz</b> – (146.025 MHz Input) 100 Hz CTCSS Subtone <b>[Soon to be relocated... details as they come]</b> (40-50.266N, 105-3.017W, 5600 ft) SW of the Rawhide Power Plant, 17.5 miles north of Fort Collins, CO
<b>W0UPS: 146.850 MHz</b> – (146.250 MHz Input) 100 Hz CTCSS Subtone (1* on, 0* off) (40-25.341N, 104-44.182 W) Greeley, CO
<b>W0UPS-5: 144.390 MHz</b> – APRS Digital Repeater (40-32.926N, 105-11.898W, about 7229 ft) Horsetooth Mountain, west of Fort Collins, CO
<b>W0UPS: 448.025 MHz</b> – (443.025 MHz Input) 100 Hz CTCSS Subtone <b>ARES Repeater</b> (40-26.650N, 104-59.370W, about 5192 ft) Budweiser Event Center on I-25 at MM259
<b>W0UPS: 145.205 MHz</b> – (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*
<b>W0UPS: 224.840 MHz</b> – (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

<b>ARES HF Net</b>	<b>Sunday</b>	<b>8:00 am</b>	<b>~3.81 MHz LSB</b>
<b>Pine Beetle Net</b>  <- Ringo, Net control	<b>Sunday</b>	<b>~9:00 am</b>	<b>145.205 MHz</b>
<b>ARES Statewide VHF Net</b>	<b>Sunday</b>	<b>8:30 pm</b>	<b>145.310 MHz</b>
<b>Central Colorado Traffic Net</b>	<b>Daily</b>	<b>7:30 pm</b>	<b>145.310 MHz</b>
<b>220 MHz Informal Net</b>	<b>Monday</b>	<b>7:00 pm</b>	<b>224.520 MHz</b>
<b>Tech Net</b>	<b>Wednesday</b>	<b>7:00 pm</b>	<b>145.115 MHz</b>
<b>ARES District 10 Information Net</b>	<b>Thursday</b>	<b>7:00 pm</b>	<b>145.115 MHz</b>

## Web Page

<http://www.ncarc.net>

Submissions: News letter to be published one week prior to the beginning of the month.  
All submissions are due 10 days prior to the beginning of each month.

NCARC  
Meeting Minutes for August 21, 2010  
Submitted by Jerry Williams, Secretary

The August meeting was called to order at 9:00 AM by Acting President Mike Bates. President Willis was absent (working the Flowers Run this day). Meeting was held at the Widow McCoy Restaurant. There were 21 members and 5 guests present.

**Treasurer's Report:** Paul was at the run, also, so no treasurer's report was made.

**Secretary's Report:** Report was read to all those present, and was approved.

**Interference Report:** No report.

**Technical/Repeaters:** Dave said the repeaters were currently working. (Tom was replacing a battery at the location of the repeater when he was injured.)

Willis was going to check out the club liability insurance to cover Tom's injury.

**Hamfest:** Event center to be checked out. Mike said he will get us a place to hold the hamfest, but someone else will have to set it up. Drake – has restaurants close by, but the cost for the use of the center is high. We are aiming for the 3<sup>rd</sup> or 4<sup>th</sup> weekend in January for the hamfest.

**ARES:** There are no licensed hams in Hudson. Dispatch would have to come from Loveland area in case of an exercise, or disaster.

**New Business:** September picnic – if someone can't help to make it happen, it probably will not happen this year. Schedules and other things have not been able to mesh to get things started.

The Ft. Collins Airport Exercise is scheduled for Tuesday the 24<sup>th</sup> from 10:00 to 12:00.

Skywarn will probably be active through September 15<sup>th</sup>.

There was no program today, but there will be at the October meeting..

Motion made and 2<sup>nd</sup> to adjourn, passed. Meeting was adjourned at 9:20 AM

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### Coming Events:

September 26      BARC Swap fest at the Boulder County Fairgrounds in Longmont.

Memorial Day Weekend - ARRL 2-day event, State meeting

Sept. 10-11

**High Plains Roundup** Curt Gowdy State Park

(Located off of State Route 210 between Laramie and Cheyenne)

Sponsored by University Amateur Radio Club – Contact: dhutch@uwyo.edu

**FRIDAY**

12:00 Noon

- **Registration** at Camp Russell Shelter **\$5 Fee includes 1 ticket for door prizes**

- **Additional tickets for door prizes \$1 each or 6 for \$5.**

**Grand Prize: 2m Mobile Xcvr**

Friday evening:

- Hotdog cook out. We'll have some tube steaks, buns, fixins, beans, chips & cookies.

**SATURDAY**

**Free coffee!**

8:00 am: **Tailgate swapping** – Ham Radio & Related Gear

- Bring your own table

**NO LARGE COLLECTIONS OF COMPUTER GEAR!**

Noon: **Chile cookoff combined with a potluck meal.** Enter your favorite chile in the contest...

Prizes for the three best chiles. If you don't bring chile, please bring a side dish (vegetables, chips, salad, crackers, bread, etc.) or a desert.

Early Afternoon: **Business meeting** following the Saturday meal

- Volunteers accepted to sponsor the 2011 High Plains Roundup

- **Prize Drawings**

- Evening meal on your own

**SUNDAY**

**Free Coffee!**

Early Morning:

- **Breakfast** on your own

- Cleanup before noon

Please follow all State Park Rules and keep a clean camp.

**Curt Gowdy State Park fees apply to all visitors.**

Daily Use Fee: WY Resident \$4.00; Non-Resident \$6.00.

Overnight Camping Permit (1 Night): WY Resident \$10.00; Non-Resident \$17.00.

**Annual** Daily Use Permit: WY Resident \$33.00; Non-Resident \$53.00.

**Annual** Overnight Camping Permit: WY Resident \$40.00; Non-Resident -No Annual Permits

**(FREE COFFEE!!!! Now that alone has to be worth the price of admission! ED)**

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**For those of us who tinker:**

From: TC Dailey

Subject: Mouser - HV electrolytics

In placing an order today, with MOUSER electronics, the order-taker informed me that they're now offering lead-free [ED: ROHS] ( the metal, NOT "without wires") electrolytics from Vishay/Sprague. As Sprague is one of the few manufacturers that still makes HV electrolytics, I thought I'd give a heads-up, because older part-numbers may be "out of stock", but easily replaced with the new ones, which ironically are CHEAPER. Existing Vishay/Sprague p/n's are used with the designator "E3" on the end.

Yes, they do small orders... they'll ship UPS or USPS

Tom

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**ED note: ROHS** (usually pronounced ROW-HOSS), **[Restriction of Hazardous Substances Directive](#)**

is the latest industry incentive to take lead (Pb) out of electronics and other related soldering processes.

ROHS parts are very easily soldered with regular tin/lead solder, however, once doing so means the part is no longer lead free. Most new Pacific Rim electronics boxes are ROH compliant and the solder looks dull.

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The following is to a General Motors Engineering Center document for **installing a two way radio in a GM vehicle.** (And in reality, could be applied to any make of vehicle)

<http://service.gm.com/techlineinfo/radio.html>

Thanks to Don Warkentien, W0DEW

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Also a big **Thanks** to OJ, K0OJ, For passing along items for the news letter.



# 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.  
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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