



**UNIVERSITY AMATEUR RADIO CLUB      N7UW**

**Department 3625  
1000 East University Avenue  
LARAMIE, WYOMING 82071**

**December 2006**

<http://www.uwyo.edu/uarc>

\*\*\*\*\*

<b>PRESIDENT:</b>	James A. Johnson	KD7KMU	<a href="mailto:jimjohn@uwyo.edu">jimjohn@uwyo.edu</a>
<b>VP/SECRETARY:</b>	Doris L. Hutcheson	KD7RQX	<a href="mailto:dhutch@uwyo.edu">dhutch@uwyo.edu</a>
<b>TREASURER:</b>	Suzanne Luhr	AA7AY	<a href="mailto:suz_wyo@yahoo.com">suz_wyo@yahoo.com</a>
<b>COTW EDITOR:</b>	John M. Harrison	KD7NAE	<a href="mailto:johnmh@uwyo.edu">johnmh@uwyo.edu</a>
<b>UW ADVISOR:</b>	Doug Wheeler	KD7W	<a href="mailto:dwheeler@uwyo.edu">dwheeler@uwyo.edu</a>

\*\*\*\*\*

## UARC MEETING

The next meeting of the University Amateur Radio Club will be held Tuesday 5 December 2006 in room 02 on the lower level of the Wyoming Student Union. All radio amateurs and interested persons are invited to attend. Talk in on the UARC repeater at 146.610 MHz 600 kHz standard negative offset.

## UARC CALENDAR

**5 December 2006 UARC Monthly Meeting** 7:30 pm local time in room 02 of the Wyoming Student Union. Alternate location is room 10 near by. All persons interested in amateur radio are invited to attend.  
Regular meetings are the first Tuesday of each month.

**12 Dec 2006 ARES RACES meeting** 7:00 pm local time in Room 134 of the Physical Sciences Building on the University of Wyoming west campus.  
All persons interested in the role of amateur radio in emergency situations are invited to attend.  
Regular meetings are the second Tuesday of each month.

**20 January 2007** **NCARC Winter Hamfest**, Northern Colorado ARC  
<http://www.ncarc.us>  
**Talk-In:** 145.115 (-100Hz CTCSS) & 146.520 Simplex  
**Contact:** Willis Whatley, WA5VRL  
NCARC  
PO Box 272956  
Fort Collins, CO 80527-2956  
Phone: 970-407-6599  
Fax: 970-407-1413 (call first)  
Email: [willis.whatley@AEI.com](mailto:willis.whatley@AEI.com)  
Fort Collins, CO  
The Lincoln Center  
[417 West Magnolia](#)  
**Div:** Rocky Mountain  
**Sect:** Colorado

**11 February 2007** **Swapfest** - Aurora Repeater Association  
<http://www.qsl.net/n0ara>  
**Talk-In:** 147.15 Optional (PL 88.5)  
**Contact:** Wayne Heinen, N0POH  
PO Box 471802  
Aurora, CO 80047-1802  
Phone: 303-699-6335  
Email: [n0poh@arri.net](mailto:n0poh@arri.net)  
Brighton, CO  
Adams County Fairgrounds  
[9755 Henderson Road](#)  
**Div:** Rocky Mountain  
**Sect:** Colorado

**Upcoming special operating events include:**

- 9-10 Dec 2006** **Annual Christmas greetings from the twin Christmas Cities. 1400Z-0200Z**, Nazareth-Bethlehem, PA. Christmas City and Delaware-Lehigh Amateur Radio Clubs, WX3MAS. 28.465 21.365 14.265 7.270. Certificate. CCARC/DLARC WX3MAS, Greystone Building Gracedale Complex, RR 8, Nazareth, PA 18064.  
[www.dlarc.org](http://www.dlarc.org)
- 16-23 Dec 2006** **Winter Festival of Lights from Oglebay Park. 1400Z-2300Z**, Wheeling, WV. Northern Panhandle Amateur Radio Club, W8ZQ. SSB general portions of 80 40 20 m. QSL. Joe McCreedy, WB8CTC, PO Box 192, Blaine, OH 43909.  
**Times are daily.**
- 16-25 Dec 2006** **Celebrating the Christmas season from Bethlehem NM. 1400Z-0000Z**, Belen, NM. Valencia County Amateur Radio Association, KC5OUR. 28.270 21.270 14.270 7.270. QSL. VCARA, PO Box 268, Peralta, NM 87042.  
[www.qsl.net/kc5our](http://www.qsl.net/kc5our)

**29-30 Dec 2006**     **100 Years of Wireless by Voice. 2000Z-2000Z**, Brant Rock, MA. The American Radio Relay League, W100BO/W1F. AM, SSB, FM Echolink/IRLP. QSL. Special Event Station W1F, PO Box 121, Plainview, NY 11803. *Other stations are invited to join in; contact hello @arrl.org [w1f.k2cx.us](http://w1f.k2cx.us)*

**The 100th anniversary of Fessenden's Christmas Eve Broadcast. 2000Z-2000Z**, Machrihanish, Sc. The American Radio Relay League, GB1FVT. AM, SSB, FM Echolink/IRLP. QSL. Duncan McArthur, GM3TNT, Avalon, Peninver Campbeltown, Argyll, Sc PA28 6QP. *Other stations are invited to join in; contact hello @arrl.org [groups.msn.com/fessenden](http://groups.msn.com/fessenden)*

**14-15 Jan 2007**     **From the Amateur Radio/MARS station at the historic Diana Site, to commemorate "Project Diana," the first ever successful moon bounce experiment. 1400Z-0000Z**, Wall Township, NJ. Ocean Monmouth Amateur Radio Club, N2MO. Gen and Nov/Tech subbands 80, 40, 20, 15 and 10 m. Certificate. OMARC Inc, PO Box 267, Oakhurst, NJ 07755. *\*For QSL send SASE. Certificate also available, send 9X12 SASE and \$1USD; \$2USD and no SASE. [www.omarc.org](http://www.omarc.org)*

**27-28 Jan 2007**     **90th anniversary of the first transcontinental relay of formal message traffic by Willis Corwin, 9ABD. 2000Z-2000Z**, Jefferson City, MO. Mid-MO Amateur Radio Club, W9C. CW 14.035 10.113 7.035 3.535. Certificate. Kent W. Trimble, K9ZTV, 2210 Heartland Rdg, Jefferson City, MO 65109. [www.mmccs.com/mmarc](http://www.mmccs.com/mmarc)

**Upcoming contests include:**

**9-10 Dec 2006**     ARRL 10 Meter Contest  
**1 January 2007**     Straight Key Night  
**7-8 Jan 2007**     ARRL RTTY Round-up  
**21-23 Jan 2007**     ARRL January VHF Sweepstakes

see <http://www.arrl.org/contests/calendar.html> for more info including contest rules

## MESSAGE FROM THE PRESIDENT Jim KD7KMU

The year 2006 will soon be over. I would like to wish everybody a Merry Christmas and a Happy New Year.

2006 was a good year for the club. Our membership has grown remarkably, and we had a lot of people interested in taking classes to become Amateur Radio Operators. Thanks to Jerry, N7JT and Bill, AF7E, for being available and teaching those classes.

Instead of having some one speak after the meeting this coming Tuesday, for those of you that would like to go, we will be going to the Village Inn for coffee, or a place of your choice.

Speaking for the Club, our condolences go out to Dick Jones, KD7FHE and his family upon the passing of Dick's father. If there's anything we can do to help out, let us know.

Jim KD7KMU 73s

## A Ham's Night Before Christmas

by Gary Pearce KN4AQ, and the [Raleigh Amateur Radio Society](#), Raleigh, North Carolina, December 2, 1996.

'Twas the night before Christmas,  
And all through 2 meters,  
Not a signal was keying up  
Any repeaters.

The antennas reached up  
From the tower, quite high,  
To catch the weak signals  
That bounced from the sky.

The children, Tech-Pluses,  
Took their H-Ts to bed,  
And dreamed of the day  
They'd be Extras instead.

Mom put on her headphones,  
I plugged in the key,  
And we tuned 40 meters  
For that rare ZK3.

When the meter was pegged  
By a signal with power.  
It smoked a small diode,  
And, I swear, shook the tower.

Mom yanked off her phones,  
And with all she could muster  
Logged a spot of the signal  
On the DX *PacketCluster*,

While I ran to the window  
And peered up at the sky,  
To see what could generate  
RF that high.

It was way in the distance,  
But the moon made it gleam.  
A flying sleigh, with an  
Eight-element beam,

And a little old driver  
Who looked slightly mean.  
So I thought for a moment,  
That it might be Wayne Green.

But no, it was Santa,  
The Santa of Hams.  
On a mission, this Christmas,  
To clean up the bands.

He circled the tower,  
Then stopped in his track,  
And he slid down the coax  
Right into the shack.

While Mom and I hid  
Behind stacks of *CQ*,  
This Santa of hamming  
Knew just what to do.

He cleared off the shack desk  
Of paper and parts,  
And filled out all my late QSLs  
For a start.

He ran copper braid,  
Took a steel rod and pounded  
It into the earth, till  
The station was grounded.

He tightened loose fittings,  
Resoldered connections,  
Cranked down modulation,  
Installed lightning protection. He neutralized tubes  
In my linear amp.  
(Never worked right before;  
Now it works like a champ).

A new, lowpass filter  
Cleaned up the TV.  
He corrected the settings  
In my TNC.

He repaired the computer  
That would not compute,  
And he backed up the hard drive  
And got it to boot.

Then, he reached really deep  
In the bag that he brought,  
And he pulled out a big box.  
A new rig? I thought!

A new Kenwood? An Icom?  
A Yaesu, for me?!  
(If he thought I'd been bad,  
it might be QRP!)

Yes! The Ultimate Station!  
How could I deserve this?  
Could it be all those hours  
that I worked Public Service?

He hooked it all up  
And in record time, quickly  
Worked 100 countries,  
All down on 160.

I should have been happy,  
It was my call he sent.  
But the cards and the postage  
Will cost two month's rent!

He made final adjustments,  
And left a card by the key:  
"To Gary, from Santa Claus.  
73."

Then he grabbed his H-T,  
Looked me straight in the eye,  
Punched a code on the pad,  
And was gone with no good-bye.

I ran back to the station,  
And the pileup was big,  
But a card from St. Nick  
Would be worth my new rig.

Oh, too late, for his final  
came over the air.  
It was copied all over.  
It was heard everywhere.

The Ham's Santa exclaimed  
What a ham might expect,  
"Merry Christmas to all,  
And to all, good DX!"

## UARC Meeting Minutes 7 November 2006

### Call to Order:

The November meeting was called to order by President Jim KD7KMU at 7:32 pm in room 2 of the Wyoming Union. 13 members and two guests were in attendance; all officers were present. Those attending were: Jonathan Held KE7HIS, Susan McClendon, John Harrison KD7NAE, Bob Roe, Paul Pheneger W7MO, Bob Hansen WS7C, Gery Simpson KE7HDT, Richard Sicheloff, Foncey Taylor N0FT, Katie Morgan, Doug Wheeler KD7W, William Wright AF7E, Jim Johnson KD7KMU, Suzanne Luhr AA7AY, and Doris Hutcheson KD7RQX.

### Secretary's Report:

There was a motion by Bill AF7E that the minutes of the September meeting be approved as published in the Code of the West, Foncey N0FT seconded the motion which was unanimously approved.

### Treasurer's Report:

Suzanne reported the following:

UARC:	Expenses:	\$42.76 phone bill
	Deposit:	\$200.00
	New balance	\$1,272.54

Repair Fund:	\$1,000
--------------	---------

High Plains:	Expenses:	\$61.12
	Deposit:	\$35.00
	New balance	\$541.89

### Committees:

The Bernie club committee reported that Jerry N7JT was really surprised at the birthday celebration that kicked off the Halloween party hosted by Suzanne AA7AY and Wes on October 25<sup>th</sup>. Future Bernie parties will be announced at the next meeting.

New members reported for Jerry N7JT that classes are going well and they are learning quite a bit, about 10 to 12 people are currently studying for their license.

AF7E reported for the special events committee that he and Wayne NQ7Q are working on ideas for a special event to be held in February. Possibilities include UW, a high point in the state or entering a contest. More details will be announced at the next meeting.

### Old Business:

Suzanne reminded everyone that dues for the current year need to be paid.

There was discussion of a possible 440 repeater purchase. Doug KD7W has been looking into equipment. HRO no longer lists pricing for such a repeater. All the ICOM units appear to be digital.

There was additional discussion of Steve Coulthard WL7CMA's offer to donate a trailer with 23 foot tower, 6 batteries, a solar charging panel and 5500 watt generator to the club. Pau W7MO volunteered to store the unit on his property and noted that it seemed difficult to turn down such an offer. Foncey N0FT and John KD7NAE agreed. Paul W7MO moved, John KD7NAE seconded that the club accept Steve WL7CMA's gift. The vote to accept Steve's generous offer with many thanks was unanimous.

Jim KD7KMU said that he had provided Wayne NQ7Q with the information regarding application for tax exempt status asked for by Brent KC0FUP for the Casper Amateur Radio Club.

Jim KD7KMU reported that the student that had requested using the club for a class project had not contacted him.

**New Business:**

Paul W7MO reported that he had renewed the club's N7UW call. The club agreed to reimburse Paul the \$28.90 expense.

There was discussion of an article in the Branding Iron featuring the club.

There was discussion of the latest Forest Service correspondence regarding the lease for the .82 repeater site. The lease is \$100 for 10 years, but the club is still exempt from annual fees.

Doris KD7RQX volunteered John KD7NAE to bake cookies for the next meeting.

**Announcements:**

There will be an ARES/RACES meeting in Jerry N7JT's lab 130 Physical Sciences building on Tuesday November 14th at 7:00 pm. The potential topic is a weather spotter class.

**Drawing:**

AF7E won a one year subscription to World Radio.

**Meeting Adjourned:**

Foncey N0FT moved and John KD7NAE seconded that the meeting be adjourned at 7:58 pm.

**Special Presentation:**

Susan McClendon gave an interesting talk on Geographic Information Systems (GIS).

Doris  
KD7RQX



Cactus at the 2006 UARC Field Day site east of Laramie.

Submissions to COTW are welcome from all UARC members, area hams and persons interested in amateur radio communications and activities.

Printed copies of COTW are available from John KD7NAE.

Please contact

John M. Harrison KD7NAE  
4431 Comanche Drive  
Laramie WY 82072  
email [johnmh@uwyo.edu](mailto:johnmh@uwyo.edu)  
phone 307-745-5833 home  
307-766-2083 work  
307-760-8154 cell phone