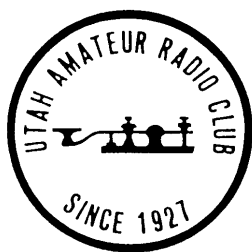


The October meeting was our annual Homebrew night. Ron, K7RJ, was our emcee for this meeting. Inside this issue there are pictures of several members who presented their projects they had been working on this past year. Ron had a great deal of tools and examples on how to get started in homebrewing your own projects.

We will now be meeting in the new **Warnock Building (Room 1230, "Duke Classroom")** just to the east of the Engineering and Mines Building.

November Meeting Topic: Handi-Hams



Volume 50, Issue 10, November 2007

Periodicals Postage

The Microvolt

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Holladay, UT 84124-1632

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Prologue

The Utah Amateur Radio Club was organized under its present name in 1927, although its beginnings may date back as early as 1909. In 1928, it became affiliated with the American Radio Relay League (club #1602) and is a non-profit organization under the laws of Utah. It holds a club station license with the call W7SP, a memorial call for Leonard (Zim) Zimmerman, an amateur radio pioneer in the Salt Lake City Area.

Meetings: The club meets each month except July and August. The meetings are held on the first Thursday of the month at 7:30 PM in the University of Utah Engineering and Mines Classroom (EMCB) building, Room 103.

Membership: Club membership is open to anyone interested in amateur radio; a current license is not required. Dues are \$17 per year, including a *Microvolt* subscription. The *Microvolt* and membership cannot be separated. Those living at the same address as a member who has paid \$17 may obtain a membership without a *Microvolt* subscription for \$9. Send dues to the Club Secretary: Dick Keddington, KD7TDZ, 1933 Woodside Drive, Holladay, UT 84124-1632. ARRL membership renewals should specify ARRL Club #1602.

Contributions: Monetary contributions are gladly accepted. Send directly to the Club Treasurer: Chuck Johnson, 1612 W. 4915 S. Taylorsville, UT 84123-4244. For in kind contributions, please contact any board member to make appropriate arrangements.

Repeaters: UARC maintains the 146.62- and 146.76- repeaters. The repeaters are administered by the UARC Repeater Committee. Comments and questions may be directed to any Committee member. The Lake Mountain repeater (146.76-) has autopatch facilities for Provo which are currently disabled due to abuse and for Salt Lake which is in need of reworking to be compatible with IRLP

Ham Hot-Line: The Utah Amateur Radio Club (UARC) has a Ham Hotline, 583-3002. Information regarding Amateur Radio can be obtained, including club, testing, meeting, and membership information. If no one answers leave your name, telephone number and a short message on the answering machine, and your call will be returned.

Publication: *The Microvolt* is the official publication of the club. Deadline for submissions to the *Microvolt* is the 10th of each month prior to publication. Submissions by email are preferred (uarc@xmission.com), but other means including diskettes and typewritten submissions can be mailed directly to: Telvin Mills, 6864 Beargrass Rd., West Jordan, UT 84084. All submissions are welcome but what is printed and how it is edited are the responsibility of the Editor and the UARC board. Reprints are allowed with proper credits to *The Microvolt*, UARC, and authors. Changes in mailing address should be communicated to the Club Secretary: Dick Keddington, 1933 Woodside Drive, Holladay, UT, 84124-1632.

UARC 2007 Board

President: John Brewer, N7MFQ	(435) 837-5646
Executive: VP: John Hays, K7VE	446-1899
Vice Pres: Gordon Smith, K7HFV	582-2438
Secretary: Dick Keddington, KD7TDZ	274-9638
Treasurer: Chuck Johnson, WA7JOS	268-0153
<i>Microvolt</i> Editor: Telvin Mills, KB6BYU	968-5089
Asst. <i>Microvolt</i> Editor: Bob Rollins, WB7DPA	942-2638
Program Chair: Dale Heisler, WJ7L	278-6458
Program Chair: Linda Reeder, N7HVF	364-7006
Imm. Past Pres: Roy Eichelberger, W7ROY	571-2447

Committee Chairpersons and Members

"Book Lady": Fred Desmet, KI7KM	485-9245
Historian: Ron Speirs, K7RLS	968-4614
Field Day Chair: Andrew Madsen, AC7CF	466-0744
Steak Fry Chair: Jed Petrovich, AD7KG	566-6277
Club Trustee: Brett Sutherland, N7KG	298-5399
Engineer: Randy Finch, K7SL	277-7135
ATV Engineer: Clint Turner, KA7OEI	566-4497
Board Liaison &	
Autopatch Engineer: Gordon Smith, K7HFV	582-2438
Provo Autopatch Host &	
ATV Engineer: Dale Jarvis, WB7FID	224-3405

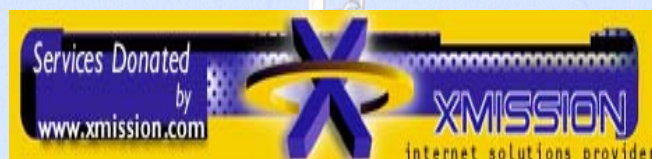
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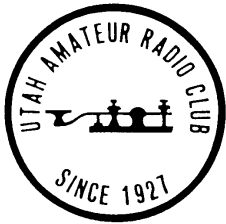
For information on using the club's IRLP node on the 146.76 repeater, check <http://www.utaharc.org/irlp>.

For late breaking news listen to the UARC Information Net Sundays at 21:00 on 146.62 or set your browser to: www.xmission.com/~uarc/announce.html

We are grateful to the management of XMission, our Internet Service Provider (ISP), for the donation of this Web-Page service.

For account information go to:
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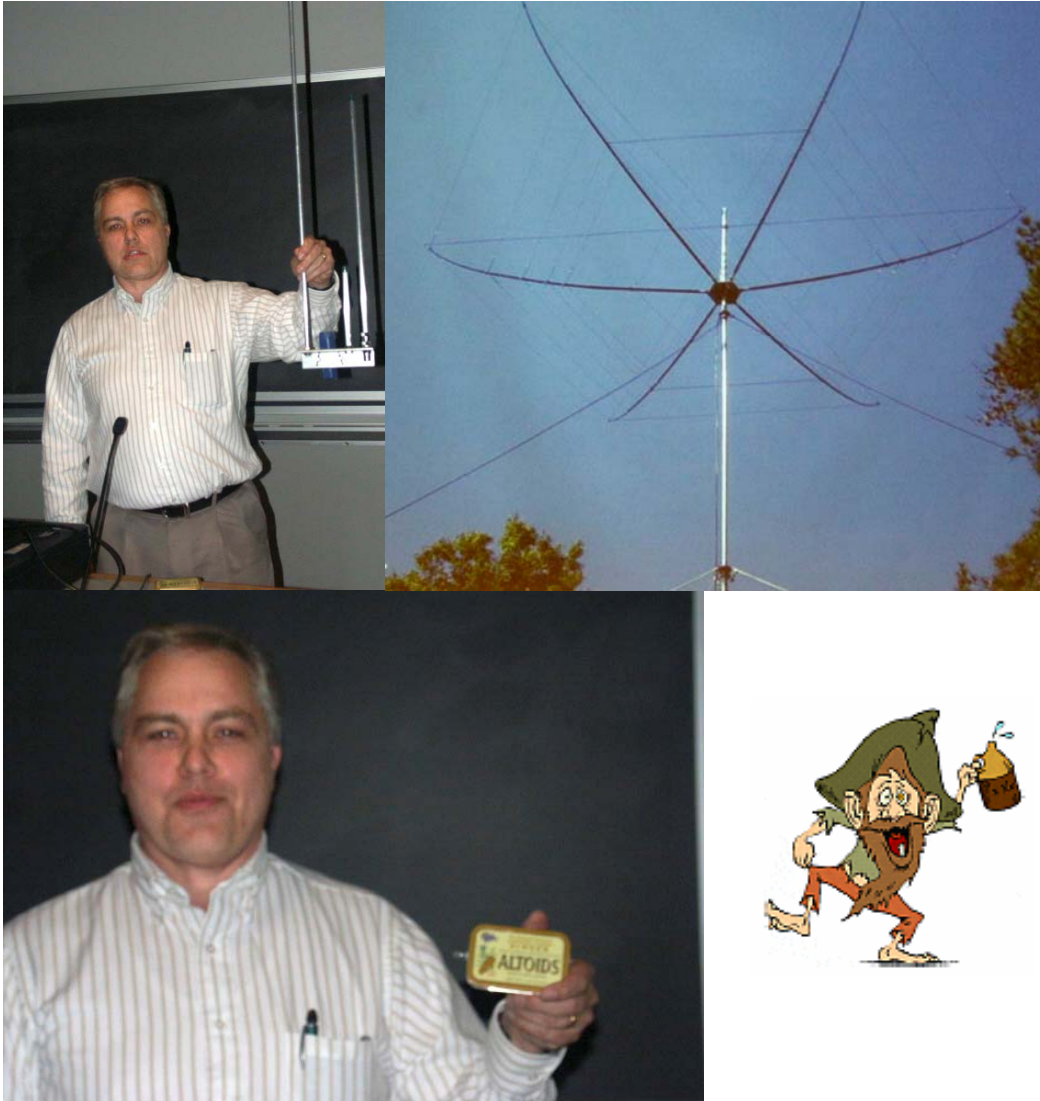
Utah Amateur Radio Club

The Microvolt

Volume 50, Issue 10

November 2007

October Meeting Recap – Homebrew



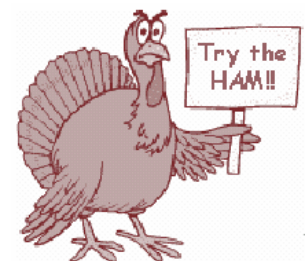
Jed, AD7KG, presented several of his projects he had been working on this past year. In the top left corner clockwise, is John holding his 2 meter/70 centimeter dual band antenna. The Hex Beam antenna and a Pico Keyer inserted into an Altoids tin.

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Special points of interest:

- ♦ *Next UARC Meeting
November 1st—
HandiHams*
- ♦ *UARC Club Officer
Nominations—
November 1st.*
- ♦ *Utah Hamfest—July
12, 2008, Bryce
Canyon*



AMATEUR RADIO

Member of the Month

This month we are featuring Arlene Armstrong, KE7KNM. Arlene is a new amateur radio operator. She obtained her Technician license in January of this year. The reason she got into the hobby was that her Husband, Howard, KE7KNM, who we will be featuring next month really wanted to get into the hobby so she decided she wanted to do it with him. Both of them received their licenses in January of this year. Even though they received their licenses in January they started attending UARC meetings in October, 2006. Arlene says they learned about our club through the ARRL. So, they decided to come and see what it was all about.

In January of this year Arlene and her husband, Howard, attended Ron Speirs', K7RLS, class which was held on a Friday evening and two Saturdays. Arlene said this is a fun hobby to have with her husband. They have a Yaesu VX7R. Arlene said they need an Elmer to help them program it.

When I asked Arlene what she liked best about amateur radio, she said Handi-Hams. Ron Speirs, K7RLS, brought it to their attention



so they checked into it. Because of their disabilities both of them were able to attend the camp in Minnesota. This is where I met them. I was so surprised that there was someone else from Salt Lake City, Utah at the camp. Arlene liked it so much that she wants to attend again. Both of them took the General class exam. Her husband passed, but she didn't. She is going to keep trying. They will probably be attending the camp in California.

Arlene grew up in Driggs, Idaho. It was after her husband's first wife passed away that they became acquainted. The Relief Society president's husband in Arlene's ward was best friends with Howard and they encouraged Arlene to write to him. For quite awhile they were sending emails back

and forth to each other. When they finally got together and were married they lived in southern California. Then Arlene got a job offer in Salt lake City, Utah, so they moved here. Arlene and Howard have been married for five and a half years. Arlene works for Extra Space Storage. She does their accounting for them.

Arlene likes to read. She is now working on a master's degree in elementary education. She is taking the class on line through Western Governors University.

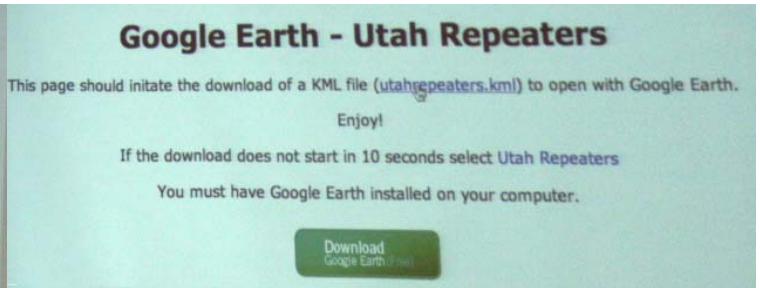
Arlene, we wish you the best in all of your endeavors especially getting that General class license.

73, Linda Reeder, N7HVF

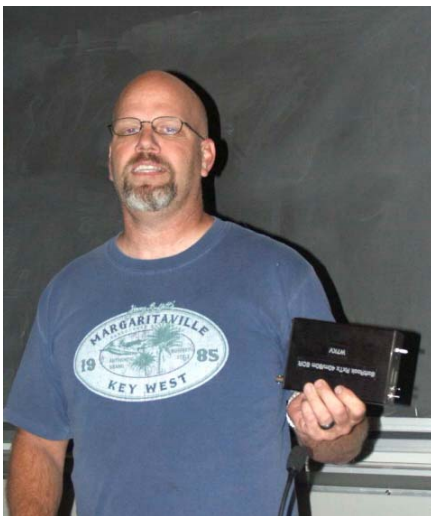
Pictures from October Homebrew Meeting



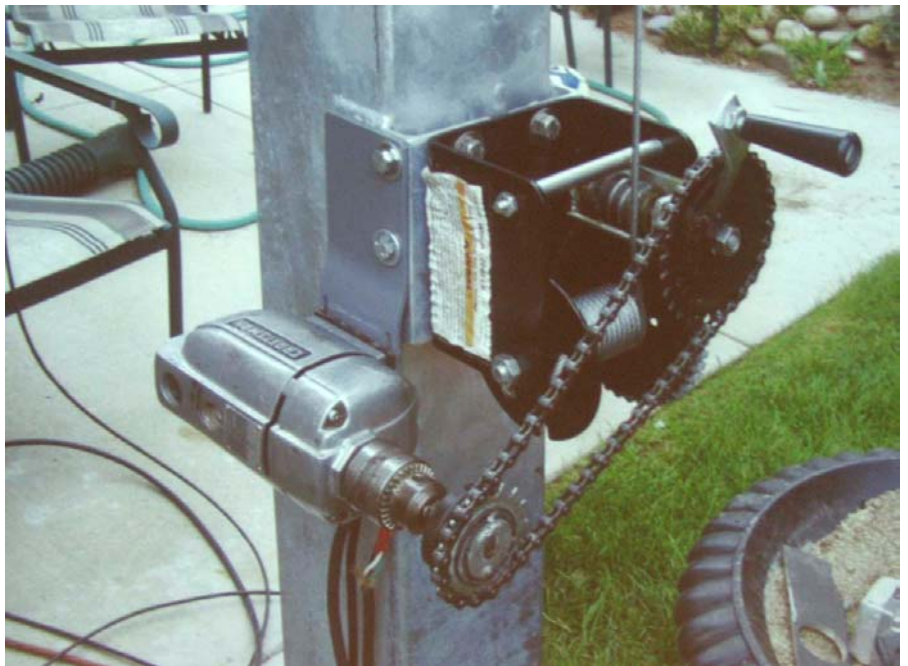
John, K7VE, showed us his brass key he put together from a kit. He said the kit sells for approximately \$65.



John, K7VE, also showed us a project he worked on programming in his computer that maps all of the repeaters in Utah using Google Earth. You can read more about this at his web site www.k7ve.ampr.org.



John, W7KV, showed his homebrewed software defined 40 meter and 80 meter radios.



Chris, KF7P, showed off his homebrewed winch to raise and lower his tower. He modified a heavy duty Craftsman drill and he stole the gears and chain from his child's bicycle. He also made a remote switch using the handle from the drill.



Picture at left: Clint, KA7OEI, showed us his NIMH battery float charger that he put together on a scrap piece of wood. This will float charge 48 AA batteries.

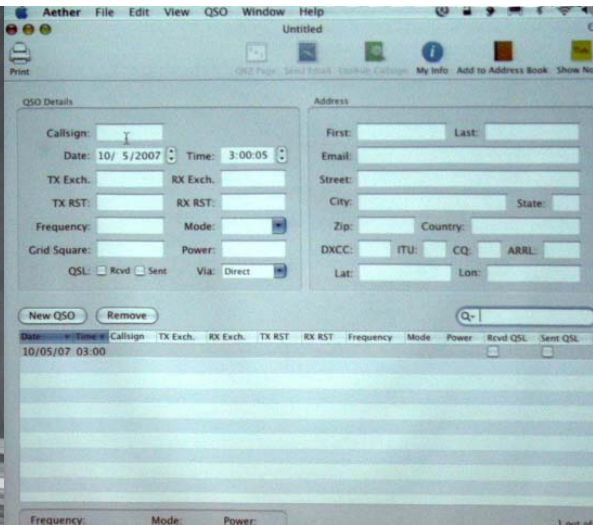
Pictures from October Homebrew Meeting



Pictured at right:
Brian, W7CBM, and
his home built audio
amplifier.



Brian, W7CBM, showed us his beautiful crystal FM receiver.



Pictured at left:
Andrew, AC7CF, demonstrated his logging software that he programmed for his Apple Computer.



Throughout the evening, Ron, K7RJ, gave us examples of the many tools like the butane soldering iron and how easy it is to use a crimping tool for the Anderson Powerpole connectors.



Officers Needed for 2008

It's time to think about who will lead the club in 2008. During the November meeting will be the time the board will be taking nominations

Of particular need this year is a nominee for the newsletter editor position. Telvin, KB6BYU, who has done so well the last several years, has decided not to run again. If we are to continue to have *The Microvolt*, we need someone to put it together. Also, we need a new President, Executive Vice President and Program Chairperson. We would very much like to hear from anyone who can help or has a suggestion.

Anyone who would like to volunteer for an office or help with the nominating process should contact one of the club officers.

UARC—50+ Years Old

50 years ago, the Utah Amateur Radio Club incorporated in the state of Utah. In that affidavit, it was stated *"Said association shall be known as the Utah Amateur Radio Club, Incorporated, and shall have a life of fifty (50) years, unless sooner terminated by act of the membership or by action of law"* This document was filed with the state on November 14, 1957.

The UARC Board of Directors recently filed an amendment which says, *"Be it resolved that the life of the entity be amended to be perpetual."*

Per the UARC Bylaws we need to have the membership of the club vote on this and ratify this amendment to the affidavit. Please come to the December meeting and vote on this ratification.

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I certify that all information furnished on this form is true and complete. I understand that anyone who furnishes false or misleading information on this form or who omits material or information requested on the form may be subject to criminal sanctions (including fines and imprisonment) and/or civil sanctions (including civil penalties).		
PS Form 3526, September 2006 (Page 2 of 3)		

November Meeting: HandiHams

Thursday, November 1st, 7:30 PM, Room #1230

Ham radio can do many things. It can provide communications in emergencies, encourage people to gain technical skills, develop new technologies, and promote international good will. But an aspect that is easily missed is the ability of amateur radio to give handicapped people a connection to the outside world.

An organization that has worked to provide such connections is the Handihams System. They provide camps, classes, and tests for people with a wide variety of handicaps. Our October meeting, to be held Thursday, November 1, will feature videos about the Handiham program provided by our most prominent Handham member, Linda Reeder, N7HVF. Come learn about this organization and how volunteers can help.

Of course, the meeting will include the “standard” meeting features:

- Availability of ARRL books from Fred, the “book lady”.
- An opportunity to join UARC or renew your membership.
- An opportunity to join ARRL or renew your membership.
- The chance to meet face-to-face the people you talk to on the air.
- The “Meeting(s) after the meeting”:

A chance to enjoy pizza or other gastronomic delights with other hams. One group goes to Litza’s Pizza, 716 E. 400 South. Another group goes to a restaurant that varies from month to month, but will be announced at the meeting. The meeting before the meeting for those who can leave work early enough to get there by 5:15 PM will be held at “Greek Souvlaki”, 404 East 300 South.

Exam Schedule

10/03/07 (Wed.) Ogden
Contact: Mary Hazard, W7UE
Phone: (801) 430-0306

10/13/07 (Sat.) Logan
Contact: Roberta Lofthouse, KJ7LQ
Phone: (435) 245-6632

10/17/07 (Wed.) Provo
Contact: Steve Whitehead, NV7V
Phone: (801) 465-3983

10/30/07¹ (Tues.) Salt Lake City
Contact: Eugene McWherter, N7OVT
Phone: (801) 541-1871

11/07/07 (Wed.) Clearfield
Contact: Mike Youngs, KK7VZ
Phone: (801) 573-3922

11/14/07 (Wed.) Provo
Contact: Steve Whitehead, NV7V
Phone: (801) 465-3983

*Note: Provo session on second
Wednesday of the month in November only*

11/15/07¹ (Thu.) Roosevelt
Contact: R. Chandler Fisher, W7BYU
Phone: (435) 722-5440

11/21/07 (Wed.) St. George
Contact: Ron C. Sappington, WI7Z
Phone: (435) 673-4552

11/27/07¹ (Tues.) Salt Lake City
Contact: Eugene McWherter, N7OVT
Phone: (801) 541-1871

12/01/07¹ (Sat.) Salt Lake City
Contact: Gordon Smith, K7HFV
Phone: (801) 582-2438

12/08/07 (Sat.) Logan
Contact: Roberta Lofthouse, KJ7LQ
Phone: (435) 245-6632

12/19/07 (Wed.) Provo
Contact: Steve Whitehead, NV7V
Phone: (801) 465-3983

*(Last Tuesday test in Salt Lake City
omitted in December)*

¹ Pre-registration required. Contact the contact person prior to the examination date.

For more detail either call the contact or checkout the information on our web-page:

<http://www.xmission.com/~uarc>