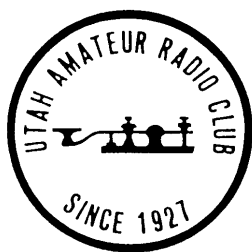


Steak Fry 2007



Pictured above are some pictures from Steak Fry this past July. Also inside this issue are instructions to our new meeting location. We will now be meeting in the new **Warnock Building (Room 1230, "Duke Classroom")** just to the east of the Engineering and Mines Building.

September Meeting Topic: D-Star



Volume 50, Issue 8, September 2007

Periodicals Postage

The Microvolt

DATED MATERIAL – PLEASE DO NOT DELAY

Please Send Dues to:
UARC
c/o Dick Keddington
1933 Woodside Drive
Holladay, UT 84124-1632

SEND TO

The Microvolt (USPS 075-430) is published monthly except August for \$17.00 per year or \$1.50 per issue by the Utah Amateur Radio Club, 3666 South State Street, Salt Lake City, UT 84115-4848. Periodicals Postage Paid at Salt Lake City, Utah. POSTMASTER: Send address changes to *The Microvolt*, Dick Keddington, 1933 Woodside Drive, Holladay, UT 84124-1632.

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

IRLP Information

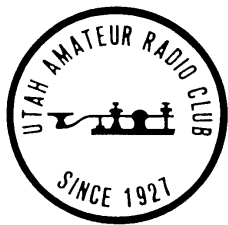
For information on using the club's IRLP node on the 146.76 repeater, check <http://www.utaharc.org/irlp>.

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:
<http://www.xmission.com/>
Or call 801 539-0852





ARRL Rocky Mountain Division Nominees

Fellow ARRL members –

This October full members of the League across the Rocky Mountain Division (Colorado, New Mexico, Utah, Wyoming) will be receiving ballots to elect who they feel will best represent them on ARRL's board of directors. As candidates for Director and Vice-Director, and as Hams who are passionate for our amazing hobby, we respectfully ask for your support and your kind vote.

As your current Division vice-director, Brian Milesosky N5ZGT (now a candidate to represent you as Director) has been active in ham radio and engaged with our ham community for nearly 16 years. He is chairman of ARRL's ad-hoc Committee on Scouting, charged with studying and recommending improvements to ARRL's relationship with the Boy Scouts and Girl Scouts of America – a perfect audience to target for promoting our hobby. Brian has served in leadership roles for many New Mexico ham clubs, has first-hand experience working issues on the ARRL Board of Directors, and is nationally recognized for promoting ham radio to our hobby's future – youth.

An active ham for nearly 18 years, Dwayne Allen WY7FD (candidate to represent you as Vice-Director) has enjoyed fantastic progress during his tenure as Section Manager of Wyoming, including a 17% increase in new ham radio operators across Wyoming, a 7.5% growth in ARRL memberships. Dwayne has made a point to promote elmering and the introduction of ham radio to youth across the Wyoming section.

If elected, we pledge the following (in addition to representing what's important to you as ARRL members):

We pledge to improve, greatly, communication within and across our Division. That is, better communication between the Division leadership and our four Section Managers (NM, UT, CO and WY); better communication between the Division leadership and ARRL affiliated clubs; and better communication between the Division leadership and its members who want their interests represented. The League has oftentimes found itself with a reputation of not listening to its members. We're committed to changing that perception, at least within the Rocky Mountain Division, and as best as we can across the organization.

We pledge to improve the level of advocacy within our Division. Ham radio has always faced technical and political threats, the latest being BPL. You can bet on there being more in the future. The FCC is no longer a regulatory body; it's become a political body (our candid opinion). These are all unfortunate realities. ARRL is the only group in the country representing ham radio and its spectrum in Washington DC. But the League's successes are hard to come by without an effective grassroots program, supported by ARRL members at home who can engage with their local representatives. The League has recently formed a Legislative Action Program for this purpose, and it will be our commitment to organize and kick it off within the Rocky Mountain Division if elected.

Recruiting new hams and elmering them in a proactive manner – **especially youth** – are important for the future of our hobby. It seems that

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Special points of interest:

- ♦ *Next UARC Meeting
October 4th—
Homebrew*
- ♦ *UARC Club Officer
Nominations—
November 1st.*
- ♦ *Utah Hamfest—July
12, 2008, Bryce
Canyon*

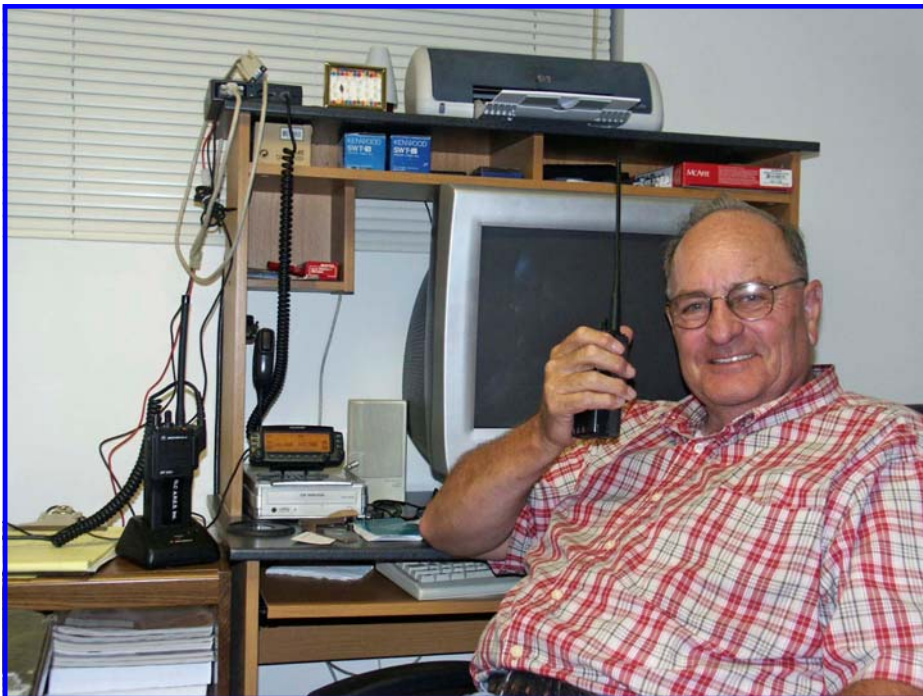
Member of the Month

This month we are featuring Woody Woodruff, KC7YLH. Woody has been in Amateur radio for ten years. He received his General class license in 1997.

Woody has been affiliated with two-way radio since 1959. He was in the Air Force for four years. He was a Civil Air Patrol radio operator.

After his four years in the Air Force were up Woody was an electronic technician for the Tooele Army Depot. Then he became interested in law enforcement. Woody has been a police officer for 35 years. For 13 of those years Woody worked for the Tooele City Police Department and for the remainder of his career he worked for the West Valley Police Department. Woody has been retired for five years now. The last seven years of his career Woody was in the mobile command post.

At the West Valley mobile command post there were two amateur radios, but no licensed operators to run them. That is when Woody decided to get his ham license. Woody got the books and studied hard and in 1997 obtained his General class license.



Woody said before he obtained his Amateur license he was active in CB radio.

After Woody obtained his General license Woody became a member of UARC and ARES. Woody is the Emergency Coordinator for the SLCO ARES.

Last year Woody participated in homebrew night. He built a collapsible two-meter J-pole with a PVC base support. The J-pole is made of copper pipe sections held together with bungee cord as per a QST article. Woody says the antenna can be set up in a driveway in a few minutes, and is useful for attracting questions from the public as well as providing a quick antenna for emergency situations.

Woody and his wife Marty

have four children, one girl and three boys. They are all grown now. Woody and Marty have 15 grandchildren and three great grandchildren. Woody says he has tried very hard to get his wife, Marty, interested in the hobby and she just isn't interested. But he isn't going to give up. His youngest son, Brian K. Woodruff, KD7OUT, has his Technician license. Woody's son-in-law and his middle son are working on getting their licenses.

Woody, we wish you the best in all your endeavors.

73, Linda Reeder, N7HVF

Pictures from Steak Fry 2007



Ken Bertran, AC7YE, Silent Key

Sadly, we report the passing of one of our UARC members, Ken Bertran, AC7YE. Ken unexpectedly passed away of a sudden heart attack last Saturday, August 11th. Our condolences go out to his family.

ARRL Rocky Mountain Division Director Nominee

For the first time in a dozen years there will be an election for the ARRL Rocky Mountain Division Director. All ARRL full members will receive a ballot in the mail at the address where they receive QST magazine. Along with the ballot will be a 300 word statement and photo of each candidate. This is the only official communication you will receive from the League—and anything else you'd like to know about each candidate you'll need to find out on your own. I am a candidate for this position and I hope all League members will take the time to participate in the election. I encourage all ARRL members to do whatever research they need to feel comfortable enough to cast a vote with confidence. I've been the Section Manager for your neighboring state of Colorado since 2001 and an Assistant Section Manager for five years prior to that. While I am justifiably proud of the great cadre of volunteers I work with to bring League programs to reality, my favorite part of the position is simply meeting other hams and hearing what's on their mind. I've traveled around the Rocky Mountain division states over the past twelve years listening to hams and understanding the great diversity we have within the division. Contesters, DXers, EMCOM, homebrewers—the list goes on and on. Everyone brings a slightly different perspective and everyone's perspective is important. If you place enough trust in me to elect me as your representative to the ARRL Board of Directors, my promise is that I will continue to listen to you. It is your league, and the only way any director knows what his/her constituents are thinking is to ask. I have been asking for twelve years as a League official and I will continue to do so. Please take a moment to mark and return your ballot when it arrives.

Jeff Ryan, K0RM

ARRL Rocky Mountain Division Director Nominees

(continued from page 3)

activity on the airwaves has decreased significantly over the past 10 years, yet our hobby's average age continues to march forward. **We pledge to explore and recommend** ways for the League to better promote our hobby to prospective hams (especially youth), get them involved in the ham community once licensed, educate them so they become the model hams we wish to have on the airwaves, and – most importantly – help keep them involved.

On a lighter note, but still important to us, hams across the Rocky Mountain Division contribute talent, technical knowledge, money, and irreplaceable time for the betterment of ham radio in their communities and beyond. **We pledge to establish a Rocky Mountain Division awards program** to publicly recognize and thank such Hams for their outstanding contributions.

You are invited to visit our website – www.VoteRockyMountain.org – to learn more about the upcoming election, our passion for Ham Radio, and our pledges to you.

We encourage you to vote this October, and kindly ask for your support so that we may represent you and our wonderful hobby as Director and Vice-Director of ARRL's Rocky Mountain Division.

Thank you and 73,
Brian Mileschosky N5ZGT – candidate for Director
Dwayne Allen WY7FD – candidate for Vice-Director
website: www.VoteRockyMountain.org

UARC Meeting Location Change

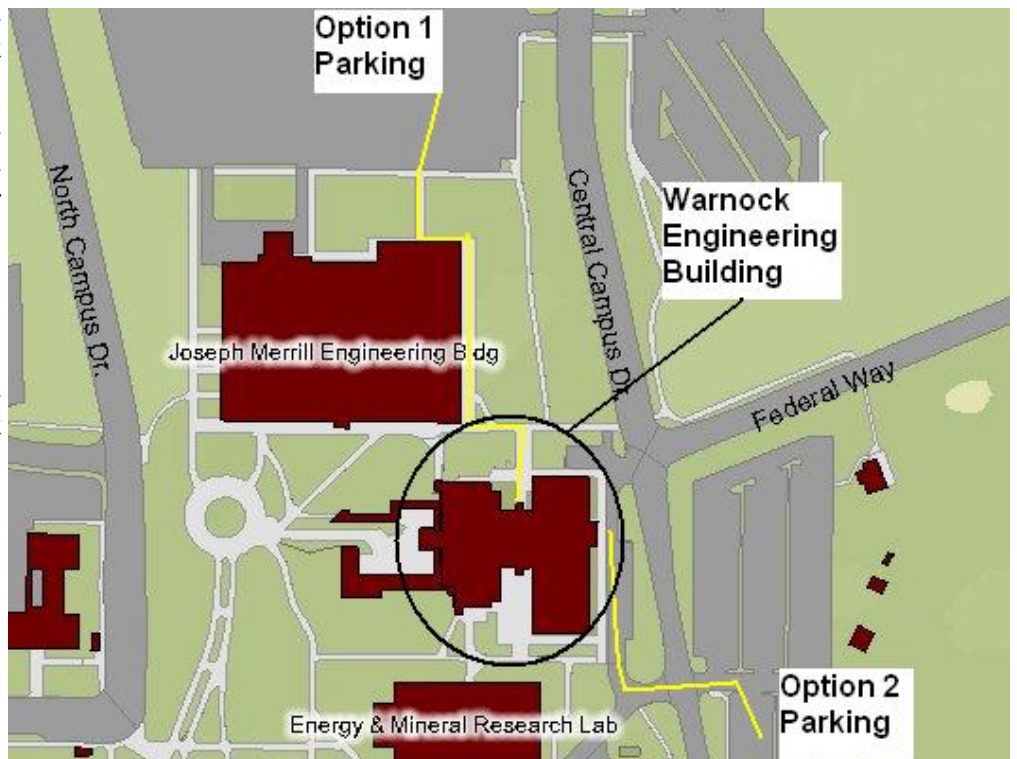
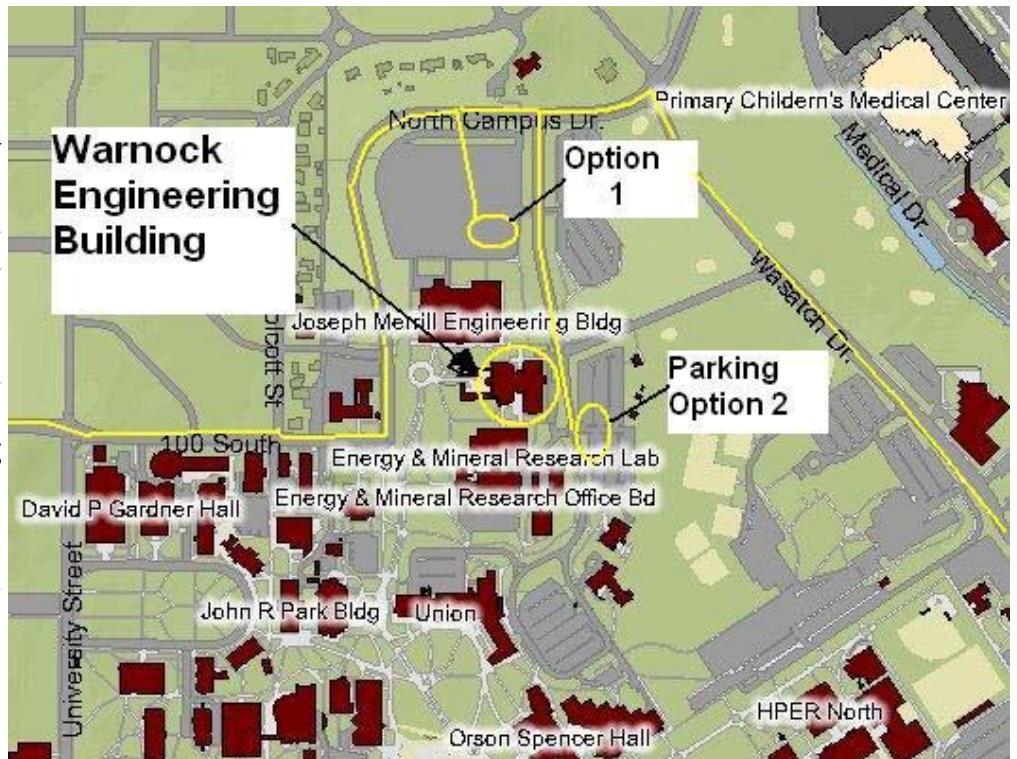
Reaching the Building

From the west: Approach the campus by driving east on 100 South. Follow the road as it makes a left turn and a right turn to become "North Campus Drive." From there you can turn right into the Merrill Engineering Building parking lot (see "Parking Option 1" on the map) or right onto "Central Campus Drive" to reach the lot indicated as "Option 2."

From the southeast: Approach the campus by going north on Foothill Boulevard. Turn right onto Wasatch Drive. Move into the left turn lane as you approach and prepare to go under the George S. Eccles 2002 Legacy pedestrian bridge. You must make a left turn at the bridge to stay on Wasatch Drive. Then turn left at the T-junction onto North Campus Drive. From there go into one of the parking areas as per the map.

Finding the Room

The building has a central east/west corridor on each floor. On the main floor, walk to the west end of the central corridor. Our room is number 1230, the "Duke Classroom," the last room on the right.



September Meeting: D-Star

Thursday, September 6th, 7:30 PM, Room #1230

Is digital radio in your future? There will be a chance to find out what it's all about at the September 6 UARC meeting.

John Hays, K7VE, our Executive Vice-President, is an early adopter of the D-Star system as implemented by Icom. D-Star is a digital voice communications mode for use on VHF and UHF. Among its advantages over conventional FM voice are narrower bandwidth and the ability to go through many repeaters and links without degradation of quality. It promises features like being able to locate and contact a particular station if he is within range of any networked D-Star repeater in the world, and having your receiver come to life only if someone specifically calls you.

The program will feature a demonstration and a chance to ask questions.

Our June meeting was held in the new Warnock Building on the University of Utah campus. A quick show of hands at that meeting indicated that practically everyone liked the

facility. As a result, we have scheduled room 1230 in the Warnock building for our fall meetings. Room 1230, the "Duke Classroom," is on the first floor in the same position that our June meeting second-floor room was.

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.

Exam Schedule

09/19/07 (Wed.) Provo
Contact: Steve Whitehead, NV7V
Phone: (801) 465-3983

09/19/07 (Wed.) St. George
Contact: Ron C. Sappington, WI7Z
Phone: (435) 673-4552

09/20/07¹ (Thu.) Roosevelt
Contact: R chandler Fisher, W7BYU
Phone: (435) 722-5440

09/25/07¹ (Tues.) Salt Lake City
Contact: Eugene McWherter, N7OVT
Phone: (801) 541-1871

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

10/06/07¹ (Sat.) Salt Lake City
Contact: Gordon Smith, K7HFV
Phone: (801) 582-2438

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

10/17/07 (Wed.) St. George
Contact: Ron C. Sappington, WI7Z
Phone: (435) 673-4552

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

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

11/14/07 (Wed.) Provo
Contact: Steve Whitehead, NV7V
Phone: (801) 465-3983
(Provo session on 2nd Wed. Nov. Only)

11/15/07 (Wed.) St. George
Contact: Ron C. Sappington, WI7Z
Phone: (435) 673-4552

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

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>