

9/01

# What UARC Did on its Summer Vacation



Photoby Tom Schaefer, NY4I

Well, this is actually what the editor did on vacation, but is that an Island begging for a tower or what? I think the people at Lake Tahoe would get a bit upset. This is a picture of Emerald Bay.

Volume XLV Issue 8, September 2001



# The MICROVOLT

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U.A.R.C.  
c/o Gregg Smith  
7546 S. Uranium Dr.  
West Jordan, UT 84084

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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 Infinia Medical Building located at 1255 East 3900 South in Holladay, across the street from St. Marks Hospital.

**Membership:** Club membership is open to anyone interested in amateur radio; a current license is not required. Dues are \$15 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 \$15 may obtain a membership without a *Microvolt* subscription for \$9. Send dues to the Club Secretary: Gregg Smith, K7APW, 7546 S. Uranium Dr., West Jordan, UT 84084. ARRL membership renewals should specify ARRLclub#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 the 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 on both the Orem exchange (covering Santaquin to Lehi) and the Salt Lake City exchange (covering Draper to Layton). The 449.10 repeater has autopatch facilities available to UARC members into Salt Lake City only. Due to the volume of traffic, only mobiles should use this autopatch. Autopatch use is open to all visitors to our area and to all club members. Non-members who wish to use the autopatch are encouraged to help with the cost of maintaining the equipment by joining the club.

**Ham Hot-Line:** The Utah Amateur Radio Club (UARC) has a Ham Hotline, 583-3002. Information regarding Amateur Radio can be obtained, including club information, testing, meeting information, and membership information. If no one answers, leave your name, telephone number and a shortmessage.

**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: Tom Schaefer, NY4I, 11678 Littler Rd. Sandy, UT 84092. 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: Gregg Smith, 7546 S. Uranium Dr., West Jordan, UT 84084. □

## UARC 2001 Board

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Exec VP: Dave Player, KC7NGH	561-2585
Vice Pres: Gordon Smith, K7HFV	582-2438
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Treasurer: Chuck Johnson, WA7JOS	268-0153
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Asst. Microvolt Editor: Bruce Leonard, KJ7HZ	576-9162
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Program Chair: Ron Speirs, KC7MYS	968-4614
Imm. Past Pres.: Maurine Streckenfinger, K7HOZ254-1536	

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Historian: Ron Speirs, KC7MYS	968-4614
Field Day Chair: Gary Openshaw, KC7AWU	484-3407

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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
Repeater Monitor: Allen Wright, N7QFI	268-8482

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For net times and frequencies, testing details and 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](http://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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## The Microvolt

The Official Publication of the Utah Amateur Radio Club, Salt Lake City, Utah

Volume XLV, Issue 8 September 2001



### QST From the Prez

It is hard to believe, but fall is fast approaching. The Steak Fry was a big success at the Spruces again this year. Thanks go to Dave Player, KC7NGH, who was in charge of Steak Fry and all those who helped Dave put it together. Special thanks go the Jerry Bennion, WR7N, and his wife Vernä, N7LNL, for providing their expertise in outdoor Dutch oven cooking. They have gone the extra mile this year in doing the cooking for both Steak Fry and FieldDay.

Those who attended the Hamfest at Bryce Canyon said they really enjoyed it. Thanks goes to club members Maurine Streckenfinger, K7HOZ, who was the liaison for our club, Russ Scholz, K7MRS, who served on the committee, Eugene McWerter who directed the Wouff Hong ceremony with its cast of thousands, and Carla Burningham, KC7HON who organized the childrens' activities. Chuck Johnson, WA7JOS, won the QLF contest sending CW with his left foot, and it was reported that the winner of CW contest had solid copy at 42 words per minute - now, that is talent in both realms!

If you look closely at the club activities, you will see that it is members who get involved who make the club a success. Whether your involvement is as a club officer, assisting at Field Day or other activities, your help makes it possible for the club to put on great activities. Getting involved makes for a more meaningful experience, and it adds to your knowledge of ham radio.

The FCC has granted each of us the license to get on the air for a number of purposes as stated in Part 97.1. It recognizes (1) the hams' contributions to emergency communications, (2) the hams' continuation of their proven ability to contribute to the advancement of the radio art, (3) the need for advancing skills in both the communications and technical phases of the art, (4) the need for a pool of trained operators, technicians, and electronics experts, and (5) the hams' unique ability to enhance international goodwill.

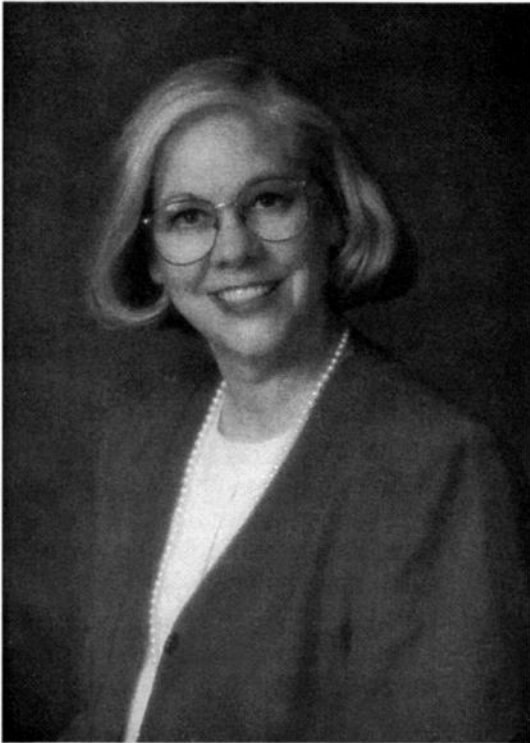
That is a pretty tall order if we were to meet all those purposes, but we can meet many of those purposes if we become involved. Each of us has talents or abilities in one area or another of ham radio. I certainly don't consider myself an electronics expert, but the FCC talks about "advancing skills" which is something I can do. It is all about learning in this hobby.

How can a ham enhance international goodwill? It sounds like you have to be a diplomat, but it really just means getting on HF and talking to someone in another country. I made a contact with a ham in Lithuania not too long ago, and found out he was a pilot in the Lithuanian Air Force. I didn't know until then that Lithuania had an air force. It turned out we had both flown the same type of aircraft when we were getting our pilot's license - it really is a small world! By getting on HF your understanding of other countries will improve, and their understanding of our country will improve which is what the world needs today - more international goodwill.

September's meeting is Bill Ralston, N7VM, telling us all we need to know about satellite communications. Don't miss it!

73

Dick Abbott, K7MZ



### Featured Member of the Month

This month we are featuring Mary Lou Arveseth (KB7ZWN). Mary Lou has been in the hobby since 1993 and has her Tech Plus license. Mary Lou is no stranger to amateur radio, because of the hams in her family. Her grandfather, Ernest Hal Morgan (W7JQ) was one of the first hams in Salt Lake City and he developed the communications system for the Salt Lake City Police Department. Her husband Allan Arveseth (KB7WVR) and her son Mike (KB7YER) got their licenses first. Then they worked really hard on Mary Lou getting her license. They kept telling her that her grandfather would be so proud of her. So she took Jerry Bennion's (WR7N) class, but felt intimidated because she was the only woman in the class. They convinced her to take the novice test and she passed the theory part of it. So, she decided she better get serious about getting the rest of her license. Her son Mike helped her study and she went up to Utah State and took the technician and five words per minute code and passed.

Mary Lou loves to give talks to encourage women to get into the hobby. Mary Lou says, "If I can do it anyone can do it". She said she really wasn't fully committed. After all she was working two jobs and busy with family and other responsibilities. Mary Lou and her husband Allan have four children, three boys and one girl. They also have a granddaughter. Mary Lou is a financial consultant

and sells insurance and securities.

The thing she likes the best about amateur radio is the relationship with others. She said it was so much fun to work with the women's class. She really enjoyed working with everyone. Mary Lou is a member of ARES and UARC.

Mary Lou, we wish you the best in all of your endeavors.

73, Linda, N7HVF

### Homebrew Night in October

The famous UARC homebrew night will be at the October meeting this year rather than the November meeting. Yes, that means you will have to get those projects finished early this year. If you have never been to a homebrew night, you are in store for quite a show. UARC has some of the best homebrew people in the state. The projects range the gambit from "off the wall" to truly clever. Best of all, it is all fun. So, get out that soldering iron, and make a point to attend the UARC homebrew night. You will be glad you did.

Tom NY4I

#### Communications Products Amateur Radio Sales

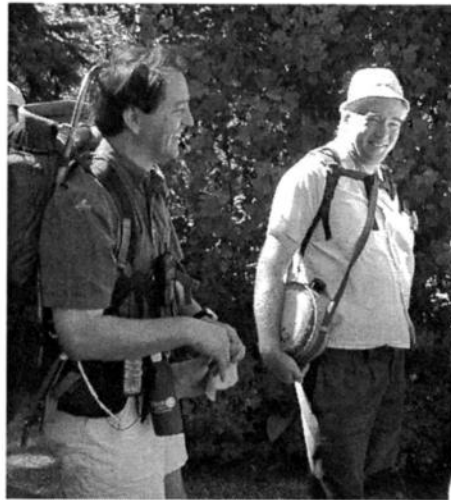
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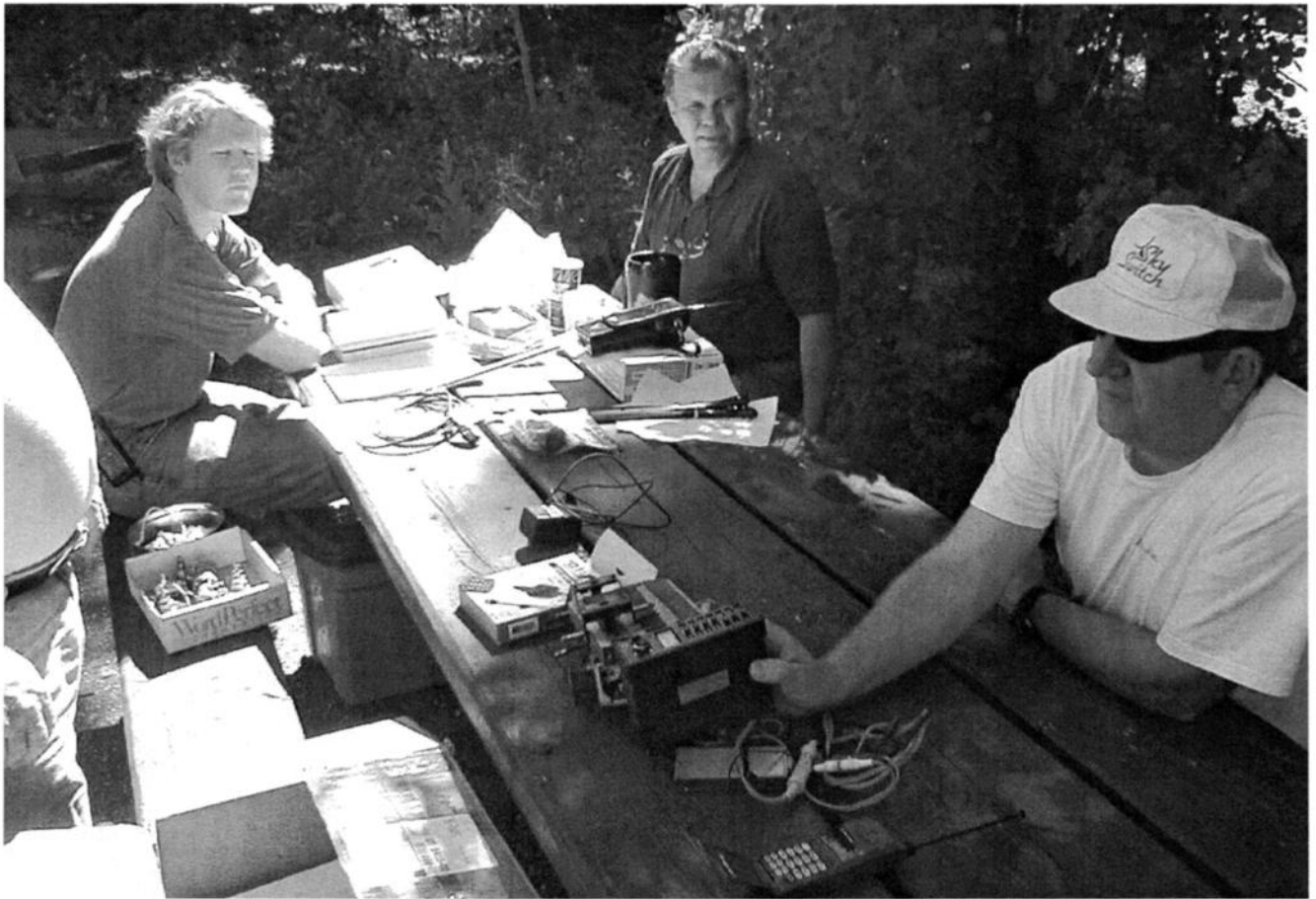
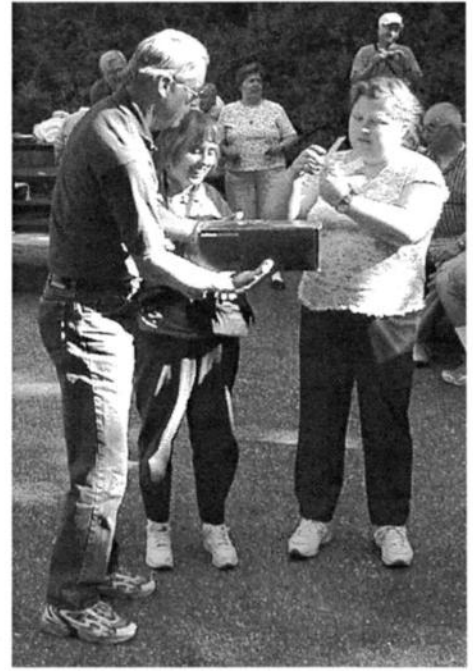
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Bob Wood W7OAD, UARC Member

## UARC Steak Fry

Well, the Steakfry was quite a success this year. We had steaks; they were fried (not really); so I guess that qualifies as a success. But seriously folks, every year we go to the mountains to eat steak. Of course, we also eat potatoes, doughnuts, ice cream, drinks, and whatever else the power that be can gather together. Jerry and Verna were on hand again for the cooking, and Dave Player made sure it all went like clockwork. In this issue of the *Microvolt* you will find many pictures of the steakfry. Hopefully, it will remind you of fun times you had and not times you missed. Thanks to Chuck "Lefty" Johnson (WA7JOS) for the pictures.





## September 2001 Meeting

On Thursday, September 6, we will return to our regular schedule of monthly meetings. Our program will be a presentation by Bill Ralston, N7VM, on communicating through amateur satellites. What equipment do you need? What satellites are available? What modes can you use? How long can you communicate during one satellite pass? These are all questions that Bill will be answering on September 6. The meeting is at the Infinia Medical Building on 1300 East and 3900 South (4th Floor). See you there at 7:30 and 7:00 PM for the new comer's meeting.

## Examination Schedule for July/August

09/08/2001 (Sat.) Logan

Contact: Clyde A. Best, AC7KN

Phone: (435) 563-9492

09/12/2001 (Wed.) Mantua

Contact: Jim Jones, KJ7VO

Phone (435) 723-1947

09/19/2001 (Wed.) Provo

Contact: Steve Whitehead, NV7V

Phone: H 465-3983

09/25/2001 \* (Tues.) Salt Lake City

Contact: Eugene McWherter, N7OVT

Phone: 484-6355

09/29/2001 (Fri.) Roosevelt

Contact: R Chandler Fisher, W7BYU

Phone: (435) 722-5440

\*Only Technician elements (1 and 2) given at this session.

For more detail either call the contact or checkout the information on our web page  
<http://www.xmission.com/~uarc> □

## International Space Station and APRS

Speaking of satellites, how would you like to use the International Space Station as the highest APRS digipeater in the world? Well, you can. Aboard the ISS is a TNC that is setup to digipeat packet frames. The fun part about this is that APRS makes a great data packet to pass because the packets are typically compressed and contain the location of the station in the packet. If you would like to send packet through the ISS, you need to set your TNC (any TNC will work) to digipeat via NOCALL (the TNC was initialized). The uplink frequency is 145.99 Mhz and the downlink frequency is 145.80. If you have an APRS radio like the Kenwood D7A or the D700, just send your regular position packet. If you just have a TNC, use a terminal program to set a beacon with your grid square. It is really quite easy to work. I do it on 5 watts with an HT all the time. Check out <http://www.ariss.net> to see where the ISS is right now, and for more information on how to work it.

73, Tom NY4I



