

Member of the Month



Photoby Ron Speirs. KC7MYS

John Hanson (KI7AR) in the "shack"

Volume XLV Issue 3, March 2001



The MICROVOLT

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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 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 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 short message.

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. □

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Contents

Prologue	2
UARC 2001 Board & Committees	2
QST From the Prez	3
Featured Member of the Month	4
Field Day 2001	4
Hamfests, Hamfests, and Hamfests	5
March Meeting	5
Amazon.com Check	6
Exam Schedule	7
Enforcement Schedules	7
Show & Tell	8
Ham Hotline	8
License Classes	8

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 □

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The Microvolt

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QST From the Prez

For those who attended February's club meeting you will remember that the speaker discussed the current threat to the HF spectrum from commercial business interests. We have been hearing this, and the amateur community did lose part of the 220 band to United Parcel Service. I am concerned that if we, as ham operators, do not get involved in protecting the spectrum, the very powerful business interests will eventually erode the spectrum we have been granted.

Many of you over the last year have upgraded because of the lowering of the code requirements. Of those of you have upgraded, have you gotten on HF? Many of the comments I heard prior to last April were that hams wished they could pass the code requirements so they could get on HF.

The arguments made by the commercial business interests will be to say to the FCC - "Look, the bands we want to use are hardly being used by amateur operators - we will put them to good use rather than having them lie fallow". That is a pretty strong argument!

Granted, it may take more money to set up a first class station than to purchase a handi-talkie, but who says you have to do it all in two months. Most of the hams I know who have good stations have accumulated their equipment over a period of years. Some of that equipment may be older, but

perfectly functional. The VHF Society Swap Meet can be a good source for used equipment, and there is always the VHF swap net on Tuesday evenings on the 146.94 repeater. Remember, this is radio - the ham on the other end of the QSO isn't looking at your shack (unless you are on slow-scan or ATV and have the nerve to show him your personal federal disaster area).

One of the reasons for the FCC allowing us the spectrum is to be ambassadors to the world. We can create good will and foment greater understanding by being on the air with hams from around the world. I have also found it interesting to find out what other hams do for a living. I remember one QSO with a pharmaceutical representative in South Africa which was particularly interesting because, at one time, that was my father's occupation. Those conversations tend to draw people and nations closer together. With the world-wide distribution of many ham products, you can always compare notes with other hams about how they like the same antenna or radio you own.

So as hams we can preserve our spectrum, increase our knowledge, fulfill our purpose in the eyes of the FCC, and have a great time by getting on HF. If you feel hesitant about getting on HF because you don't know what all those knobs are on that HF radio you just purchased, call one of the club members and ask them to come over to help you. Most club members will bend your ear for a couple of hours at the invitation. If you are new to the hobby and don't know other hams, come over to the Elmer Corner after the club meetings, and we will find someone to help you get started.

Spring is only six weeks away, so plant that seed that will grow into an antenna farm by the summer. Reap the rewards of bushels of QSO's.

73
Dick

Featured Member of the Month



Photoby Ron Speirs. KC7MYS

Is that John at the keyer?

This month we are featuring John Hanson KI7AR. John has been in amateur radio since Oct. of 1990. He was living in Orville, Washington which is on the Canadian border. He was a US Customs supervisor and had a very close friend who was a truck driver who hounded him for six years to get in to amateur radio. John just wasn't interested, because he was on the radio so much on his job. But he finally did just to get his friend to quit bugging him. He now has his advanced license. I remember when he was working on his advanced. He was here in Utah visiting his daughters who were attending BYU. He stopped in at my office and I gave him some tapes to study for the advanced.

John and his wife Karen have four daughters and they were all attending BYU. Then they married and settled here in Utah. So when an opening became available at US in Utah John decided to go for it. John and Karen moved here in 1993. Karen has her technician license KB7UAY. John said his son in-law is also in the hobby.

What John enjoys most in amateur radio is ragchewing. He loves the ability of being able to talk all around the world. He likes talking on two meters when he is driving around. He is a member of UARC and the ARRL.

In 1994 John retired from US Customs and went in to the real estate business. He is a broker office manager of 35 agents for Prudential Realty. He is also the president of The Utah County Board Of Realtors.

John has several hobbies. He is a pilot and use to

own his own airplane. He has his commercial license with an instrument multi engine rating. He loves to golf and plays the guitar. He loves to ride motorcycles and has a Gold Wing motor cycle. John plans on installing a two meter rig on it in the near future. John loves to travel and has traveled around the world several times when he worked for US Customs. It was mostly third world countries.

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

73 N7HVF Linda Reeder

Field Day 2001 Plans

We are happy to report that Gary Openshaw, KC7AWU, has capitula... uh.. volunteered to be Field Day Chairman for 2001. Gary is in need of many volunteers. He tells us that reservations are now in place for our traditional site near Payson Lakes.

Field Day has been one of the club's most popular activities in recent years. It provides a chance to combine ham radio with a campout, a combination many people in Utah seem to like.

For the newcomers, we should explain that Field Day is a national contest. Clubs and groups all over the country set up on the fourth weekend in June at sites away from normal operating locations. They then spend 24 hours trying to work as many stations as possible. Tents and generators are the order of the day. It is hoped that this kind of activity will give operators the kind of experience that will be valuable for operation in time of emergencies.

Plans are to return to the site of the last several years, an open field near Payson Lakes at about the 8000-foot level. The dates for this year's Field Day will be Saturday, June 23, and Sunday, June 24. Some families will likely camp out starting as early as the Thursday before.

Gary tells us that his plans are not quite as ambitious as last year's six-station operation. He thinks four stations will be more than adequate. But he is looking for lots of people to operate, teach newcomers, lend equipment, check out generators, and several hundred other tasks that we don't have room to list here.

If you can help, Gary would love to hear from you. Give him a call at 484-3407.

Hamfests, Hamfests, and Hamfests

This is the season for hamfests. Recently, I had the opportunity to go to the Orlando hamfest. It has been a while since I had been to a typical "Eastern" large hamfest. I assure you that swap meets are alive and well. The flea market section of the hamfest alone is larger than most of the other hamfests I have been to. The big dealers all make it a point to go to the Orlando Hamfest. Kenwood was demonstrating its new TS-2000 and Icom and Yaesu attend as well.

By the time you read this, the VHF Society swapmeet will have been completed. Another nice gathering for attic treasures to add to your collection.

Of course, there is the granddaddy of them all...Dayton. Dayton is the largest gathering of hams in the world (30000 strong). Rumor has it that this may be one of the last year's for the hamfest at the Hara Arena, so now may be the time to plan on going (It is May 18-20).

In July, we again gather at Ruby's Inn in Bryce Canyon for the Utah Hamfest. From my understanding, there are some extra special guests planning on attending the hamfest, so make plans now to be there. More information can be obtained at their website (www.utahhamfest.org).

Regardless of the hamfest you desire, do plan on attending at least one. A hamfest is a special weekend of swapping stories and swapping attic treasures. "From my attic to your attic!"

Tom, NY4I

March 2001 Meeting

Mark Richardson, W7HPW, recently had an interesting fight with the Utah County Commission when he moved to a new home in Payson, with practically no near neighbors, and wanted to erect a tower.

Mark persevered and his tower is now up, but the path was not easy. Mark will be with us at UARC's next meeting on Thursday, March 1. He will tell us what he had to go through, what help he was able to get from other sources, and what he has learned from the experience.

That will be Thursday, March 1, at 7:30 P.M. If you're new, check out the meeting location details.

Of course there will be the "standard" features of monthly meetings as well:

- Availability of ARRL books from Fred, the "book lady";
- A chance to sign up for badges, hats, and jackets;
- Just before the meeting -- "Show and Tell Time" to show off your newest homebrew project;
- The "Elmer Hour," a chance, after the meeting, to get your questions answered by those who have been in the hobby a while; and
- The "Meeting(s) after the meeting": A chance to enjoy pizza or other gastronomic delights with other hams.

Gordon, K7HFV □

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73,

Tom NY4I

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Examination Schedule for March

3/07/2001 (Wed.) Farmington
 Contact: Mark Uhrey, AB7PL
 Phone: 771-0105

03/10/2001 (Sat.) Logan
 Contact: Gary Robert, AG1T
 Phone (435) 787-8374

03/14/2001 (Wed.) Mantua
 Contact: Jim Jones, KJ7VO
 Phone (435) 723-1947

03/17/2001 (Sat.) Cedar City
 Contact: Russ Chaffee, N7BO
 Phone (435) 586-7297

03/21/2001 (Wed.) Provo
 Contact: Steve Whitehead, NV7V
 Phone: H 465-3983

03/27/2001 * (Tues.) Salt Lake City
 Contact: Eugene McWherter, N7OVT
 Phone: 484-6355

03/30/2001 (Fri.) Roosevelt
 Contact: R. Chandler Fisher, W7BYU
 Phone: H (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 webpage
<http://www.xmission.com/~uarc> □

Enforcement Actions

A small sampling of enforcement actions from the FCC showing that "Riley" is on the job...

ALTO, TX: The FCC wrote General licensee William T. James, K6RJR, on December 4, 2000, citing complaints alleging that the licensee sent control codes on the W7JPI repeater while he was in the Santa Cruz, Arizona, area. FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth pointed out that such transmissions can change the repeater's configuration or even cause the machine to shut down. "Our information also indicates that you have been requested to refrain from use of that

repeater by the control operator," Hollingsworth said. He advised James that such operation is considered deliberate interference that's subject to enforcement action, and he said the FCC expects James to refrain from operating on the W7JPI repeater, as requested.

ANTIOCH, CA: The FCC on December 12, 2000, sent a *Warning Notice* to Technician licensee Charles E. Carman, KD6RZO, citing monitoring information alleging that the licensee deliberately interfered with ongoing communications on the K6POU repeater. FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth said such operation will not be tolerated and that additional incidents of the type described could result in a fine and revocation proceedings, as well as seizure of transmitting equipment.

HAVERSTRAW, NY: The FCC wrote Technician Plus licensee Nicanor P. DeRoda, N2JTI, on November 24, 2000, citing its review of a complaint alleging that DeRoda's N2JTI repeater on 147.105 MHz is causing harmful interference to a coordinated repeater, K2UQ, in Lawrenceville, New Jersey. FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth cited §97.205 of the FCC rules that states where interference occurs between a coordinated repeater and an uncoordinated repeater, the licensee of the uncoordinated repeater has primary responsibility to resolve the interference. Hollingsworth requested that DeRoda provide a copy of any coordination document or detail actions to obtain coordination.

NEWTON SQUARE, PA: The FCC on December 22, 2000, sent a *Warning Notice* to General licensee Henry Schott Jr, KA3BMS, regarding his operation on the W3UER 147.36 MHz and WA3RVT 444.050 MHz repeaters. FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth cited "information before the Commission" indicating that control operators of the two repeaters have requested Schott to not use those systems. "Information also indicates that you have keyed up the repeaters and interfered with existing communications, failed to identify, and used obscenities," Hollingsworth said. He advised Schott that he was expected to comply with the request of the control operators and that continued operation as alleged would result in enforcement action.

Show & Tell

The annual homebrew contest, which features projects built by UARC members, is one of the most popular meetings of the year. Ron Jones, K7RJ, and Dale Heisler, WJ7L, reasoned "Why limit it to just once a year?" Why indeed? So now Ron and Dale have introduced the monthly "Show and Tell" time for anyone who would like to show off a new project or get a look at what other people have been doing.

This new feature takes place, informally, each meeting night at 7:00 P.M., concurrently with the newcomers' meeting. Most recently it was found toward the northeast corner of the meeting room. So if you have a new keyer, antenna, PSK-31 interface, linear amplifier, or most anything else you've built that has a place in amateur radio, come a little early and show it off.

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. Leave your name, telephone number and a short message on the answering machine if no one answers and your call will be returned.

Linda, N7HVF □

License Classes

Two classes are about to get underway for people preparing to take tests for amateurs licenses.

For Women:

On March 7, a class will be starting expressly for women interested in obtaining a first amateur license. The class will run for eight weeks on Wednesday evenings and will be taught primarily by women.

The organizers tell us that the class is not only for women who intend to become active on the air, but also for those who might simply like to have access to a radio in an emergency.

The first session will be held Wednesday, March 7, at 7:00 P.M. The location will be the Murray fire station at 40 E. 4800 South in Murray.

The only cost for the class will be for the text, *Now You're Talking*, published by ARRL. (One source is UARC's "Book Lady," Fred DeSmet, KI7KM, 485-

9245.) Those planning to attend are urged to procure the book before the first class and read the first two chapters. Attendees are also urged to register before the first class.

For registration or for more information contact either of:

Cindy Neal, KC7UUW, 366-9810

Venus Cederstrom, KB7FXB, 561-2149

For prospective generals:

Ron Speirs, KC7MYS, tells us he is organizing a class for those working toward the General class license. Anyone interested should contact Ron, 968-4614, for more information.

