

“This guy walks into a bar...”



Photoby Ron Speirs. KC7MYS

At the March UARC meeting, Mark Richardson (W7HPW) explains how to put up a tower in Utah County

Volume XLV Issue 4, April 2001



The MICROVOLT

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c/o Gregg Smith
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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 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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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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Volume XLV, Issue 4 April 2001



QST From the Prez

The snow is melting and spring is on the way. The hams are stirring from their dens where they have hunched over their glowing radios while the snow hung heavy on their antennas. Now is the time to plan for the projects which will make next year's hibernation even more exciting. It may be a new antenna system, a grounding system, or just tweaking up the existing system you have.

The club is also stirring. April's meeting will be presented by the FBI and the Secret Service. They will be discussing the plans for the Winter Olympics which is less than a year away. This will be a unique opportunity to get the inside information from the horse's mouth on the role ham operators will play in those events.

The FBI and the Secret Service will be responsible for the security for the games. Those directing the volunteer efforts of the ham community have indicated that this is the first time ham operators have been fully integrated into the security operations for Olympic events. It is our opportunity to plow new ground for the amateur radio community. If we do our job well, it will help the ham community immensely - if we don't do well, it could jeopardize ham involvement in similar future events. In order to do our job well, those volunteering will have to pass a background check and receive training for their roles.

To me this involvement might be even more interesting than watching skiers rocketing down a race course or watching the ice skating competition. You will be able to see what is unseen to the general public. It is a ticket to the guts of the games.

If your assignment is to provide communications support in shuttling athletes to the venues, you will have a chance

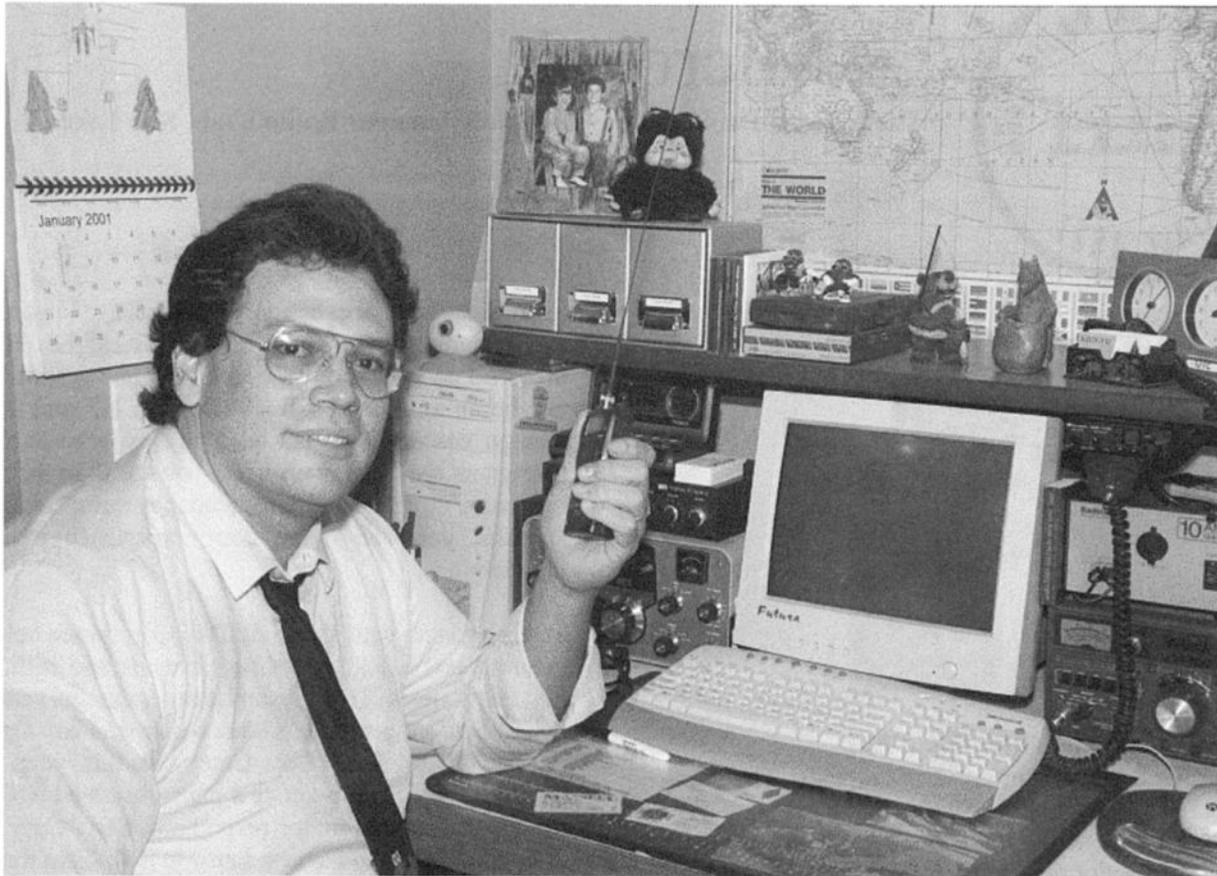
to interact with the actual Olympians. If you speak a foreign language, you may have to dust off the old books to brush up on your foreign vocabulary and grammar so you can be an ambassador for Utah. On HF and in visiting foreign countries, it has been my experience that most foreigners really light up when you speak to them in their language. For those athletes who may not speak very good English, you can make their experience a little less frustrating.

To change subjects, the Field Day Committee held its first meeting last week, and things are off and rolling. The Field Day site will be Payson Lakes again this year, and the Forest Service permit has been secured. Gary Openshaw, KC7AWU, is Field Day Chairman this year, and his emphasis has been to get new hams involved in Field Day by assigning them major responsibilities. Gary has also assigned Elmers to the new hams to help them through the learning process.

Again this year, the objective of Field Day will be to get new and not-so-new hams involved in HF operations. It is the one opportunity during the year when those without HF privileges can operate on all the HF bands. Extra Class operators will elmer the beginner stations, and Gary will have an off-line simulation of the event in the GP (General Purpose) medium tent as was done last year. If you are like I was, once you catch the excitement of having three or four stations waiting to make contact with you during field day, it will fire your excitement for ham radio. It may be a little intimidating at first, but once you get the hang of it, it will get in your blood.

Gary is planning on a 4A entry which means we only - I say "only" with tongue in cheek - have four antennas and stations to set up. It is a lot of work, but it is a lot of fun. It is a great time to get to know some of the hams you talk with on the radio during the rest of the year. This year Jerry Bennion, WR7N, has graciously agreed to prepare the Dutch oven dinner on Saturday night. This dinner is so good it usually brings out the forest creatures to get in line, although I hope Dave Player, KC7NGH, discourages the skunk who came to Field Day last year from coming

73 Dick, K7MZ



Featured Member of the Month

This month we are featuring Don Sanchez KD7GVD. He received his technician license in October 1999. While Don was growing up his father was in the military. While they were stationed in Japan there was a ham who invited them over to his house and they were able to talk to the United States. Then when Don was in the boy scouts he had a scout leader who was a ham. His name is Grant French W7GAP. Grant would always bring his two meter radio to the camp and there was a real nice station that they would always talk to. Many years later Don used to listen to Gordon Smith K7HFV on his scanner. Don started to study on and off. He really wanted to understand the material and not just memorize a bunch of questions and answers. Finally Don and his son Jonathan took a class from Gary Openshaw KC7AWU and that was when Don received his technician license. Don is looking forward to upgrading so that he can get on the low bands. He is still working on his son Jonathan to get his license. His daughter Sarah has expressed an interest in getting her license. Sarah has even talked on two meters as third party.

Don and his wife Alice have five children three boys and two girls. His wife Alice is from Holland. He met her at BYU. Don works at the Joseph Smith

building. He is the executive Chef for the Banquet department. Don is a member of UARC and he does the other club information on the first Sunday of the month for the UARC information net. Don really enjoys meeting people and amateur radio is an excellent way to meet people. Don, we wish you the best in all of your endeavors.

73 N7HVF Linda Reeder

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Bob Wood W7OAD, UARC Member

April 2001 Meeting

There is a chance for amateur radio operators to help with the 2002 Olympics, and the April UARC meeting will have lots of the details available. We will have representatives from UOPSC present. But what is UOPSC (we hear you cry)? UOPSC (pronounced yoo-OP-sick) is the acronym for Utah Olympics Public Safety Command. UOPSC is the consortium of law-enforcement organizations that will be active to help guarantee a smooth-running Olympic event. And they would like volunteer help from the amateur radio community.

Our April 5 meeting will feature two key people in UOPSC, Jeff Pittman and Robert Graves. Jeff Pittman is with the FBI and is in charge of all communications for UOPSC. That includes radio, data, 911 service, and video. Robert Graves is with the Secret Service and is directly in charge of radio communications. How can amateurs help? How many will be needed? What qualifications do they need? Will this be a cheap way to witness the olympic events? These are some of the questions our guests will be answering. They will be telling how amateurs can help and what sort of commitment they need to be prepared to make. It is important than any amateurs interested in helping apply soon. UOPSC will need time to run background checks on all volunteers. You can get a head start applying by visiting the communications page for the Division of Comprehensive Emergency Management (CEM) at <http://www.cem.state.ut.us/Radio/commo.htm>. Look on the left panel of the page for the link marked "2002 Winter Olympics." From there you will be able to see the link to the downloadable application form, as well as instructions on where to send it when completed.

A new feature will debut at the April meeting: a door prize for a lucky member. There will be an ARRL book given to some fortunate person who is a UARC member. If you're not a member yet, there's still time to join.

That will be Thursday, April 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 □



New Microvolt Sponsor

There is a new sponsor in the Microvolt this month **and only this month**. Madam's Zelda's Charm School for Hams. Have you ever walked into a room and not known what to say? Are you the only one talking about computers, radios and other technical subjects at parties? Do you find it hard to know what to say? What about dress - blue socks and black shoes? Well, fret no more. **This month only**, Madam Zelda's charm school for Hams can teach you all the social graces you need to actually interact with non-hams. What would it be like to actually be able to make eye contact at the water cooler? How about meeting people - even the opposite sex? All the secrets that have been known by non-hams for years, can now be at your command.

Listen to these testimonials from some of our past students:

"Before I went to Madam Zelda's all I ever talked about was DX'ing. It got to the point that the people in my church were actually glad I did not come on contest weekends" -- Dave S, WIAPR

"As the CEO of a major corporation, I thought it was normal for everyone to actually want to hear about Spratly Island every time I mentioned it, but when I went to parties with my wife, I was frequently standing by myself. After my training at Madam Zelda's, I now know that everyone was humoring me - Most people simply don't care about DX - That took the most time for me to realize - But now, I actually converse with people about things like the weather, current events, stocks, and even politics (without bringing up the nets on 75 meters)" Doug T. K3ILF

- Before I became a ham, I actually went to parties and was the center of the conversation. Then, when I became a ham and got on two meters, I could not carry a conversation with more than one person without calling it a roundtable. I started to write down everyone's name and their place in line. One time, when I was talking to someone who couldn't hear very well, I started shouting phonetics in a high-pitched voice. That was the last straw for my husband. He sent me to Madam Zelda's and I am back to my old self again. I still have to fight the urge to say you're 59 in California after someone is introduced to me, but I am making good progress" - Pam G, KA6OOL.

Yes, you too can feel comfortable in social situations. Here are just some of the things you will learn at Madam Zelda's: Dress for Success (The "My wife said if I don't get off the radio she would leave me - over teeshirt does not cut it); How to eat at a restaurant without putting your HT at the table; How to wear a suit without an HT on your belt. How to introduce your self with your name and not your callsign (frequently our hardest lesson). All these things are now available to you through this highly specialized class. Does this sound like something you would be interested in? Has your wife given up trying to get you to go to the neighborhood parties? Well, those days are over. Soon you will be the life of the party and the fact that you are a ham, will not be the first thing you tell people. Please act now as this class is only offered **this month**. For more information, please send 2 IRC's to Madam Zelda's Charm School for Hams, 1600 Pennsylvania Avenue, Bunker Hill, PA 84092

SolAir Technology Special This month:

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David Whiting, KD7APK

UARC member

Examination Schedule for April

4/07/2001 (Sat.) Salt Lake City
 Contact: Gordon Smith, K7HFV
 Phone: 582-2438

04/11/2001 (Wed.) Mantua
 Contact: Jim Jones, KJ7VO
 Phone (435) 723-1947

04/18/2001 (Wed.) Provo
 Contact: Steve Whitehead, NV7V
 Phone: H 465-3983

04/24/2001 * (Tues.) Salt Lake City
 Contact: Eugene McWherter, N7OVT
 Phone: 484-6355

04/27/2001 (Fri.) Vernal
 Contact: William Lee Turner
 Phone: H (435) 789-2723

*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> □

UARC Youth Project

The first UARC YOUTH PROJECT, for hams 18 years of age and under, will be held Saturday, April 21, 2001, at 10:00 AM., at a location to be announced at the next UARC meeting and also on the club web site. The project to be built at this activity will be a four outlet, dc power distribution box using Anderson power pole connectors. The cost for the materials should be \$25.00 or less, the exact amount will also be announced at the next club meeting. To register for the activity please call Dave Player at 561-2585. If you get the voice mail leave a message with your name and phone number.

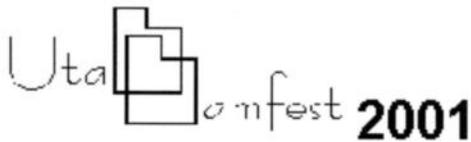
Thanks and 73,

Dave Player, KC7NGH

UARC Website Featured Link

The UARC website features links to ham radio related software. You can find software such as logging programs, Morse code software, the N6TR contest logger (the version UARC uses at Field Day), PSK31 software and antenna modeling software. Most of the software is either free or shareware/demoware. If you are interested in any of these items, please check out the link at <http://www.xmission.com/~uarc> and click on the software link in the index at the left of the page. If you are interested in working Field Day this year, certainly download the free Field Day version of TRLog and start practicing with the contest simulator.





ARRL ROCKY MOUNTAIN DIVISION CONVENTION
Ruby's Inn - Bryce, Utah
July 13,14,15 2001 (Friday, Saturday & Sunday)
Ruby's Inn - Bryce, Utah (1 mile north of Bryce Canyon)

Visit the following Web sites for more details: www.utahhamfest.org, www.RubysInn.com
 Mark your Calendars now. Publish this flyer in your Newsletters. Announce at Club meetings.

Special Guest and Breakfast Keynote Speaker Riley Hollingsworth, K4ZDH – FCC Special Counsel for Amateur Radio Enforcement Special Guest Rosalie White, K1STO – Manager ARRL Field & Educational Services	
Activities Include: BBQ Cookout / Eyeball QSO Party Dutch Oven Dinner Breakfast Banquet Dealers Outside Swap Meet Area Free (Bring your own table) Seminars and Forums Women's and Children's Events Contests: CW & QLF Mobile Installation, Transformer Toss (a new method) Transmitter Hunts (a new challenge) Prize Drawings Wouff Hong HF Special Event Station VE Amateur License Exams (Pre-Registration Required Contact John Mabey, W7CWK - w7cwk@arrl.net)	Accommodations: Ruby's Inn (Special Rates prior to June 7) 2 Queen Beds \$70 Pool Side \$90 Lodge across street \$50 Contact: Keith in Group Sales Call: 1-435-834-5341 Ext. 7222 Ask for Special Utah Hamfest Room Rates RV/Campground: Full Hookups Start @ \$25.00 + Tax Electric & Water Start @ \$22.00 + Tax Tent Spaces Start @ \$15.50 + Tax Teepee Rental Start @ \$22.00 + Tax Call: 1-435-834-5301 Fax 1-435-834-5481
Grand Prize: Yaesu FT-100 160m - 70cm All Mode Transceiver Pre-Registration Prize: ICOM IC-207 2m/70cm Dual Band Mobile	
Registration Information: Mel Parkes, AC7CP – ac7cp@arrl.org Before June 7th: Adult (18 and over) \$7.00, Youth (17 & Under) \$3.00 (No mail-ins after June 7, 2001) At the Door: Adult \$10 and Youth \$5.00	

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