



The MICROVOLT

Volume XLVI Issue 2, February 2002

Periodicals Postage Paid

PLEASE SEND DUES TO:
U.A.R.C.
c/o Gregg Smith
7546 S. Uranium Dr.
West Jordan, UT 84084-3942

THE MICROVOLT (USPS 075-430) is published monthly except August for \$15.00 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 UT. POSTMASTER: Send address change to "The Microvolt", c/o Gregg Smith, 7546 Uranium Dr., West Jordan, UT 84084-3942.

UT-TF1 At Ground Zero: A Report



Joel Neal, KC7UBP, a member of UT-TF1 (Utah Task Force 1) showed those at the January UARC meeting how the Task Force was deployed and shared with us his experiences.

January UARC Meeting

Last month, Joel Neal, KC7UBP, shared dramatic slides of the September 11th tragedy in New York. Called up by the Salt Lake Urban Search and Rescue Task Force (UT-TF1), Joel left for Hill Air Force Base on September 11th and left for New York on the 19th. He is a volunteer communications specialist for UT-TF1, using public safety radios and frequencies. Joel was responsible for deploying HT's, four mobile units, satellite gear and repeaters, and

configuring computer and radio networks. At Ground Zero, he provided data and voice communications between logistics, medical teams, and other task forces as needed.

Working 12-16 hour shifts, Joel's team consisted of doctors, paramedics, canine teams, rigger teams, safety officers, and a Task Force leader. Joel provided communications for the night shift, which provided a chilling backdrop for his images of skyscrapers in ruin.

Joel returned to Salt Lake City on September 31st, and shared 38 slides of his experience with the UARC membership. Using the slides and a map of the area, Joel took us to Ground Zero, from underground flooding to "Widow Makers" overhead. The imagery is not soon to be forgotten by those present during the meeting.

We wish to thank Joel Neal for bringing this presentation to UARC.

Ted, KC7PM

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 Infirmary 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 84084-3942 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 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 listed under "Submission Schedule of Editorial Content for The *Microvolt*." Submissions by email are preferred (K7CPM@arrl.net), but other means including diskettes and typewritten submissions can be mailed directly to Associate Editor Ted Cowan, K7CPM, 1889 E Foxmoor Place, 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 2002 Board

President: Mark Richardson, K7HPW	465-7650
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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: Lauri McCreary, K7LMM	571-5759
Imm. Past Pres.: Dick Abbott, K7MZ	943-0370

Committee Chairpersons and Members

Assoc. Microvolt Editor, Ted Cowan, K7CPM	576-9942
Book "Lady": Fred DeSmet, K17KM	485-9245
Historian: Ron Speirs, K7RLS	968-4614
Field Day Chair: Open	

Repeater Committee

Trustee: Tom Schaefer, NY4I	501-0899
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
Repeater Monitor: Allen Wright, N7QFI	268-8482

Exam Schedule

02/02/02 (Sat.) Salt Lake City
Contact: Gordon Smith, K7HFV
Phone: (H):(801)582-2438 (B):(801)534-8116

02/13/02 (Wed.) Mantua
Contact: Jim Jones, KJ7VO
Phone: (435)723-1947

02/20/02 (Wed.) Provo
Contact: Steve Whitehead, NV7V
Phone: (801)465-3983

02/26/02* (Tues.) Salt Lake City
Contact: Eugene McWherter, N7OVT
Phone: (801)484-6355

03/06/02 (Wed.) Farmington
Contact: Fred Villanueva, N7FV
Phone: (801)295-6560

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

For more detail either call the contact or check out the information on our webpage
<http://www.xmission.com/~uarc>

Submission Schedule of Editorial Content for *The Microvolt*

The *Microvolt* editorial team has made a commitment to providing the club membership with a quality publication that will be in your hands prior to the meeting of the publication month. This means you should be able to count on being reminded of upcoming meetings and events before they happen. In order for this to happen we must have two things: quality material submitted to the associate editor, Ted Cowan, K7CPM, and submitted prior to the deadlines listed below.

Meeting Submission Deadline

Thu Mar 7	Wed Feb 13
Thu Apr 4	Tue Mar 12
Thu May 2	Wed Apr 10
Thu Jun 6	Tue May 14

This schedule will be revised and published in subsequent issues of *The Microvolt*. We sincerely hope that this will help those who wish to make submissions make our deadlines.

The Microvolt Editorial Team - Bruce - K17OM., Ted K7CPM, and Bruce, KJ7HZ

More on Editorial Content Submission Standards

The *Microvolt* Editorial Team wishes to make submitting documents for potential publication as easy as possible. A contributor or writer should feel free to submit text, preferably via email, in any format, within reason, of popular wordprocessors they are comfortable using. Writers should keep in mind that the Editors in producing *The Microvolt* use a standard font and layout. All submitted material used will be stripped of formatting and converted to these standards. Please keep your formatting of submitted documents as simple as possible. Simple ASCII text is easiest to handle - the less stripping we have to do, the less time it takes to prepare.

Electronic files for graphics, photos, and spreadsheets will be accepted in most standard formats without problem, though to avoid potential problems please check first.

Net Schedule

VHF Nets

Day	Time	Freq.	Name/Purpose
Sun.	2100	146.62 MHz	Utah Amateur Radio Club Information Net
Mon.	2100	147.18 MHz	High Valley Net (Ragchew)
Mon.	2100	144.25 MHz	Weekly 2-meter SSB net
Tues.	1900	146.98 MHz	West Desert Amateur Radio Club & 145.37 MHz
Tues.	1930	146.90 MHz	Ogden Amateur Radio Club
Tues.	2000	146.94 MHz	Utah VHF Society (business and swap)
Tues.	2100	147.34 MHz	Utah Valley Amateur Radio Emergency Service
Tues.	2100	146.72 MHz	Bridgerland Amateur Radio Club Net
Wed.	2000	146.88 MHz	SL County Amateur Radio Emergency Service
Wed.	2000	145.43 MHz	Utah Box Elder - Thiokol Net & 145.20 MHz & 448.43 MHz
Wed.	2100	146.74 MHz	Mercury Amateur Radio Association, SL area
Wed.	2100	145.49 MHz	Mercury Amateur Radio Association, Ogden area
Wed.	2100	145.37 MHz	Mercury Amateur Radio Association, Provo area
Wed.	2100	50.125 MHz	Weekly six-meter net
Thu.	1900	147.42 MHz	Davis County Amateur Radio Club & 449.925 Mhz

HF Nets

Day	Time	Freq.	Name/Purpose
Daily	1230L	7272 kHz	Beehive Utah Net (formal traffic handling)
Daily	0200Z	3937 kHz	Farm Net (Same UTC summer and winter)
Daily	1930L	3708 kHz	Utah Code Net (formal traffic handling)
Sat.	1100L	7272 kHz	Quarter Century Wireless Association (QCWA)

Contents

January UARC Meeting	1
Prologue	2
UARC 2002 Board & Committees	2
Exam Schedule	2
Submission Schedule for <i>The Microvolt</i>	2
More on Editorial Content Standards	2
Net Schedule	2
QST From the Prez	3
Featured Member of the Month	4
DCARC Elects New Officers	4
A Blast from the Past	4
ARRL Section Manager Comments	5
Steak Fry Scheduled	5
UARC Financial Statement	5
Wanted:	5
February Meeting: Event Communications Planning	6
Announcing the 2002 UVHFS Swapmeet	6
FCC Says No to Special Call Signs	6
Bylaws Study to Commence	6
Olympic Special Event Station	6
FCC Grants STA	7
Request for Contributions	7
Help Wanted	8
QRP Group Forming	8
Web Site Benchmark	8

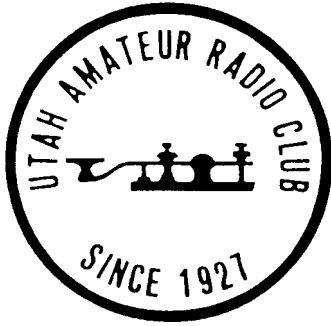
For net times and frequencies, testing details and late breaking news listen to the UARC Information Net Sundays at 21:00 on 146.62 or set your browser to: www.xmission.com/~uarc/announce.html

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.



The Microvolt

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Volume XLVI, Issue 2, February 2002



Photo: Ron Speils, K7RLS

QST From the Prez

Fellow Amateurs,

In June 1929, Hiram Percy Maxim wrote for QST

Self Control

Sometimes I marvel that amateur radio has attained the high place it occupies. Considering what might easily have happened in all these years, it almost seems as though amateur radio were a child of destiny.

We amateurs could interfere with and seriously disturb every form of radio communication. There is no highly-organized police system constantly watching to prevent us. There are thousands and thousands of us. Notwithstanding, we have an unbroken record of fourteen years of improving prestige. In the United States we are regarded as an important national asset, and when an international radio congress convenes our government gives us the full weight of its influence to help us maintain all the space in the spectrum

that can be got. The years of consistent high-quality conduct have won this.

Among older ones of us, it is not surprising that an orderly behavior should have been maintained. We older men know from hard experience the losses that follow behavior not for the general good. But most of us are young and cannot yet have learned this most important of all life's lessons. And what is more, fresh groups of young fellows join us every year. They cannot have acquired those traditions of amateur radio and the A.R.R.L.

And yet, something is conveyed to every one who enters amateur radio that makes him keep in line. What is it? Whatever it is, let's preserve it. It has worked marvels for fourteen years.

It has now been 87 years and these words still ring true, the amateur spirit still delivers to the long standing amateur, and the newcomer, a sense of pride and responsibility that the years have not faded. The finest of Amateur traditions, let's preserve it.

Next month the world turns their eyes to our state to watch the Olympic athletes compete, but you can be guaranteed that's not the only thing they will be watching. Like it or not our state, our way of life, our culture, our driving habits, our attitudes, our operating practices, in short everything that makes Utah a great place or a bad place, will be under the microscope.

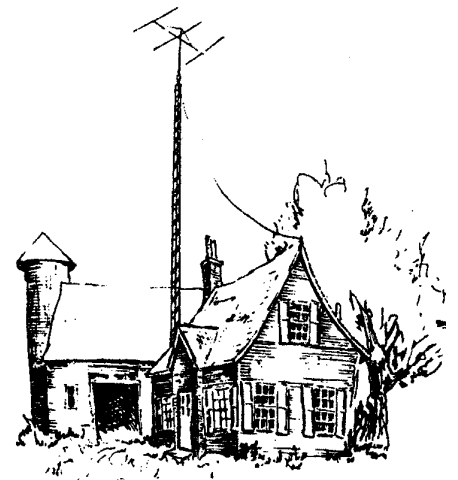
It is now time to think about how we will be perceived by the world amateur community. The Olympic spirit is to be the very best that you can be, in the same spirit our amateur community needs to be the very best that it can be. Within

the Olympic spirit, attitudes of change are also needed. These changes have brought our communities new and improved highways, the Lite Rail transit system, more business than we thought of, reconstruction of winter resorts, the beautification of our communities, and a feeling of excitement. All of the improvements and beautification in Utah are sending us as the amateur community a message of improvement as well.

Let us all pull together and accept the challenge of learning proper operating procedures. Be prepared for any emergency that may arise. Be very helpful for visiting hams; do not be a silent voice when someone calls for information. Be conscious of using CB-lingo in your contacts. Most of all, remember the world is watching at us, let's not do or say anything to tarnish the outstanding reputation of amateur radio. Let's not have anyone going away from Utah with a negative attitude.

Let's let our pride in our Amateur community shine.

73, Mark W7HPW



Featured Member Of The Month



Ted Cowan, KC7PM

This month we are featuring Ted Cowan, KC7PM. Ted has been in amateur radio since 1979. Ted was introduced to the hobby as a child growing up in Anchorage, Alaska. His father (who wasn't a ham) introduced Ted to a neighbor who was very active in the hobby. Ted was intrigued with all of the old time radio equipment with all the lights and buttons. You see, Ted's favorite facet of amateur radio is all of the fun toys one can build or buy.

Ted has been involved in packet radio, APRS, and his latest fad, PSK-31. He has been involved in mobile hamming and emergency communications. Ted has been a member of UARC off and on for the last 20 years. He has been a member of The Utah Packet Radio Association and the Utah VHF society. It wasn't until Ted moved to Utah in 1976 to attend Salt Lake Community College that he started thinking about getting his ham license.

One day while visiting the RaElco store he saw a sign for the Ham Hotline. Believe it or not, it still has the same phone number, 583-3002. Ted gave them a call and found himself in a Novice class taught by Dr. Allan Kaminsky, W1IQ (formerly AI7H). Back then the instructor of the Novice class could administer the exam. Ted received his Novice license and became a member of UARC in early 1980. Back in those days there was no such thing as a Volunteer Examiner (VE). In order to obtain a Technician, General, Advanced or Extra class license one had to wait until the FCC came to Salt Lake which they did on a quarterly basis.

Ted took his test for the General and Advanced licenses at the National Guard Armory, near the University of Utah. He received his Extra class license while on a business trip at the FCC Field Office near Denver, Colorado. Ted says he

remembers celebrating his upgrade by dancing on the hood of his rental car! Ted told me the code was really hard for him and the only reason he worked so hard on it was so he could get the Extra class privileges. In fact, Ted had his very first CWQSO just four months ago with Steve Baxter, K7SRB.

Ted and his wife Sharron have four children, three boys and one girl. Ted works for PowerQuest as the Director of Information Technology. Ted serves as an assistant editor of the Microvolt. UARC now has two assistant editors of the Microvolt. Ted helps with the editing and Bruce Leonard, KJ7HZ handles the mailing. Ted said he is honored to be asked to help with the Microvolt and work with such experienced editors.

Ted, we know you will do a great job.

73 - Linda Reeder, N7HVF □

DCARC Elects New Board

We would like to congratulate the newly elected Davis County Amateur Radio Club board members.

President: Gary Johnson, N7DND
 Vice Pres: Mike Youngs, KK7VZ
 Secretary: Garrie McLaws, KA7LFG
 Treasurer: Alia Zundel, KD7JGA

Blast from the Past

Well here is a marvel of technology (it was in it's day) I believe that Mark, W7HPW, our current president still is collecting these fine door stops. It is hard to believe that we now have computers that can do this and much more.

Alan - N7OI □

The Utah ~~Radio~~ Amateur Radio Club wishes to be placed on the list of those qualified to receive surplus teletype equipment from the Western Union.

The UARC was organized in 1926 and incorporated in 1955. The objective of the club is to further the interests of amateur radio, promote the amateur public image, educate and recruit new amateurs and to provide an exchange ~~place~~ of ideas for amateurs in this area. It publishes a monthly paper--the "Microvolt". Teletype is as much a part of our program as any other mode--and it has been covered by ~~many~~ lectures at our meetings. It enters into our plans in participation in local activities. It is a non-profit corporation. Membership last year 90. Meeting attendance 45 to 75, except special event. The officers of the organization are:

Dick Carman, W7APY, 614 Emery St., Salt Lake---President
 Parley James, W7BAJ, 2218 Wilmington Circle, Salt Lake--Exec. V.
 Carroll Soper, K7SOT, 4422 Emigration Canyon, Salt Lake--V.Pres.
 Ted Lenzen, W7EII, 1335 E. Maplewood Drive, Salt Lake--Sec.Treas.
 Phil Bullock, W7VEO, 2232 Downingtown Ave., Salt Lake--Microvolt
 Max Burggraaf, W7AIA, 1175 Augusta Way, Salt Lake--Prog. Chair.
 John Arend, W7AY D, 225 S 4th East, Salt Lake--~~Exec. Asst.~~ Asst. P
 Inez Bullock, K7SVN, 2232 Downingtown Ave., SLC--Exec. Ladies Aux

with teletype
 We have four members who are especially desirous of obtaining Model 19 machines. They are all on the air at the present time and one of them is active in MARS work. We have several more who would be delighted in obtaining Model 26 machines, but have been held back by lack of funds.

Respectfully submitted,

Utah Amateur Radio Club

By P N James
 Exec. Vice. President

Affidavit:
 Salt Lake City
 Salt Lake County
 State of Utah

I, Parley N James, executive vice-president of the Utah Amateur Radio Club, have appeared before the undersigned Notary Public and do swear, that I will personally oversee the Western Union Teletype distribution program, that any machines available will be issued only to licensed radio amateurs, for amateur use only, that said machines will be re-issued to other amateurs when no longer required, and that the entire operation will be on a non-profit basis.

Appeared and Sworn to before me this 2nd day of February, 1966.

ARRL Section Manager Comments.....



Photo: Ron Speitts, K7RLS

Mel Parkes, AC7CP, our ARRL Section Manager

The 2002 Olympics are finally here and under way!!! It has taken many hours of work for the Amateur Radio Community to prepare and get ready for this once in a lifetime event, I would like to take one moment to thank all those who have volunteered to be part of this international event. I am sure those who have spent many hours training and preparing will be well rewarded for their efforts.

Want to give your club a \$15.00 gift? If you are not a member of ARRL or have let your membership expire two years ago, ARRL will give your club \$15.00 of your initial membership fee. What a neat way to join the largest amateur radio organization in America and support your club at the same time. UARC is an ARRL affiliated club and is required to have at least 51% of its membership as ARRL members to maintain that affiliation. Also buy some of the neat ARRL Books from the bookstore as the book sales also help the club funds.

The VHF Society will hold their annual swap meet at 0800 on 02 March at the State Fair Park. Bring your goodies to trade and swap, and don't forget we have some neat local vendors who show up each year with great "New Stuff" to buy. Our good friend Bob Wood, W7OAD from Communications Products will be there, so if you have been putting off getting a brand new rig or antenna, bring that check book along and Bob will fit you with just the rig you have been dreaming about. If you are looking for the good used stuff be at the door at 0800 sharp. This year we will be using the Zion Building (not the one we used last year). Look for the signs that will direct you to the parking area. By the way, if you are not a member of the VHF Society, mail in your dues to VHF Society,

PO Box 482, Bountiful UT 84011-0482 or pay at the door. Remember: your Utah VHF Society membership expires each January, so be sure to renew today and avoid the delay! For more info about the Utah VHF Society, please see their web site at <http://www.ussc.com/~uvhfs>.

You will have your first chance at the VHS Society swap meet to pre-register for the Utah Hamfest, which is being held at Ruby's Inn again this year 12-14 July. Check out the hamfest web site for more info at <http://www.utahhamfest.org>.

Well my most favorite activity is rapidly approaching. Please forgive me for mentioning it so soon, but it's never too early to start thinking about Field Day! What can we do this year to make it even better than last year, and don't forget the food and fun!!!! This year Field Day will be June 29-30, so mark your calendar. Ask to help out on the Field Day committee. You won't regret this one because everyone helps and has a really great time. If you have never attended a Field Day make sure your get out and be part of the fun this year.

Well enough for this month! Please let me know if I can help you out in any way, email me at AC7CP@arrl.org or call me at work at (801) 238-6369.

73 - Mel Parkes, AC7CP
Your ARRL Section Manager ☐

Steak-Fry Scheduled

Picture a chance to spend an afternoon up in the mountains where you can enjoy cool breezes and escape the oppressive heat of the valley.

Oh, you say it's 30 below outside and cooling off isn't one of your top priorities? Well, remember summer is coming and we have to be ready.

One of UARC's big events of the year is the annual steak-fry. Dick Abbott has succeeded in getting reservations at our favorite site, so we can announce the date for those who have yet to plan their summers. The 2002 event will take place on the afternoon of Saturday, July 20. It will be held at "The Spruces," a campground in the national forest in Big Cottonwood Canyon. More details will be announced as the event gets closer.

And while you have the calendar open to July, you might want, also, to mark the Utah Hamfest. This event will be held July 12, 13, and 14, at Ruby's Inn, a short

distance from Bryce Canyon National Park. For more information, check <http://www.utahhamfest.org>. ☐

U.A.R.C. FINANCIAL STATEMENT -2001

INCOME

Advertising	400.00
ARRL Dues Collected	715.00
Book Sales	6,875.82
Commissions & Rebates	81.73
Donations	48.00
Dues	6,837.00
Interest Earned	220.95
Steak Fry Income	550.00

TOTAL INCOME 15,638.50

EXPENSES

Administration	182.94
ARRL Dues Paid	665.00
Books Purchased	4,949.83
Field Day	742.20
Grants	50.00
Ham Hot Line	328.94
Insurance	325.00
Microvolt	4,980.89
Repeater	796.71
Steak fry	981.89
Taxes	415.40

TOTAL EXPENSES 14,418.80

NET CASH FLOW 1,219.70

Chuck Johnson - WA7JOS
UARC Treasurer ☐

Wanted:

Used Kenwood TL-922A linear amp. and Ham Windows software compatible with the Kenwood IF-232C Interface. Contact Bill Webb at (801)-322-5881 or email at jmalupo@attbi.com. ☐



From "The Best of Beasley", Worldradio Books
"I'M BEGINNING TO THINK IT HAS SOMETHING TO DO WITH THE HARMONIC OUTPUT OF MY OLD 20 METER RIG!"

February Meeting: Event Communications Planning



Tom Brewer, K5MET

Our February speaker is Mr. Tom Brewer, K5MET, President of Brewer Communications Corporation in Dallas. Tom has served as Communications Director for the past five Presidential Inaugurals, five National Political Conventions, three Campaign Trails for the Presidency, two World Economic Summits, The Statue of Liberty Rededication, The Desert Storm Homecoming Parade, the '96 Summer Olympic Games in Atlanta and the '98 Goodwill Games in New York.

During the summer of 2000 Tom served as the Communications Project Manager for both the Republican National Convention in Philadelphia and the Democratic National Convention in Los Angeles. Immediately following that Tom served as the Director of Communications for NBC Sports at the Sydney 2000 Olympics. In December, 2000 Tom was picked as Communications Director for the Inauguration of President George W. Bush. Currently, he is the Project Manager for Motorola at the Salt Lake City 2002 Winter Olympics and Chief Communication Consultant for NBC Sports.

Tom is here to tell us about the development of the communications piece for a major event.

The meeting will begin at 7:30 PM at the Infinia Medical Center, 1255 E. 3900 South, on the fourth floor. While you're there, don't forget:

- to buy from Fred the "Book Lady", who has that ARRL book you've been looking for.
- to renew your UARC or ARRL membership at the Secretary's table.
- the Newbie meeting, which begins at 7:00 PM, for new hams and Elmers
- the meeting after the meeting, held at a restaurant nearby (listen for the location just after the meeting ends)

See you there! Lauri, K7LMM ☐

Announcing the 2002 UVHFS Swapmeet

It has been announced that the 2002 Utah VHF Society Swapmeet will occur on March 2, 2002 at the Utah Fairgrounds. The doors will open at 8 AM.

What is NOT known is precisely which building will be used for the event: With the winter games winding down at about that time, the management of the facilities is in a state of flux - this information will be published as soon as it has been finalized.

While it is specified by the UVHFS bylaws that the swapmeet/election be held "on or before March 1..." the fact that the logistics) very difficult. If you have any questions concerning the scheduling, feel free to contact one of the UVHFS officers.

More information about the swapmeet and a map to the fairgrounds may be found on the UARC Website. Remember: Your Utah VHF Society membership probably expires at the beginning of the year, so be sure to renew today and avoid the delay! ☐

FCC says NO to Special Call Signs

An idea for a special event call signs to celebrate the 2002 Winter Olympics has drawn a negative response from the FCC. Tom Schaefer, NY41, of Sandy, Utah, had asked the agency to allow Utah Amateur Radio operators to substitute the number 2002 or 02 for the 7 in their call sign for the time period preceding and up to and though the 2002 Winter Olympics in Salt Lake City. But after mulling it over for a few months the agency responded with a definite no.

The letter to Schaefer was signed by D'Wana R. Terry. Terry is Chief of the Public Safety and Private Wireless Division of the Wireless Telecommunications Bureau. Among the reasons Terry stated in refusing the special call sign request was that the block of special event call signs requested did not fall into the commission's special event call sign format.

Also, that the request was inconsistent with International Radio Regulations. Schaefer says that he is disappointed the FCC denial, and is also a bit surprised.

Newsline ☐

Bylaws Study to Commence

From time to time it is necessary to examine the UARC Bylaws and see if there are changes that could be made to benefit the club or to put the bylaws more in line with current practice. Ted Cowan, one of our new officers, has suggested it is time we did such a study, and the Board of Directors has concurred.

The most urgent item that needs attention is the matter of how dues are collected and by whom. The bylaws specify that dues will be sent to the Treasurer. However, over a decade ago, UARC switched to a practice used by other such organizations. Dues are sent to the Secretary (who is charged with maintaining the membership list). He makes deposits in bulk and sends an accounting to the treasurer. This practice has worked much better than the previous one because it results in minimum delay both for checks to get deposited and for new members to get on the mailing list.

The current bylaws can be read on the club website. Anyone who would like to serve on the Bylaws Committee should contact either Gordon Smith, K7HFV (582-2438, k7hfv@arrl.net) or President Mark Richardson, W7HPW (465-7650, w7hpw@arrl.net) ☐.

Olympic Special Event Station

What better excuse for a Special Event station than the 2002 Winter Olympics? UARC will be operating such a station the weekend of February 23 and 24, the last weekend of the Olympics.

The special event station will give amateurs outside Utah a chance to work a station near the olympic action and to get an attractive certificate. A 1x1 call sign, K7O, has been reserved for UARC's use

that weekend, and should stand out in the crowd.

The station will be at the home of our new President, Mark Richardson, W7HPW. Many may remember from the program that Mark presented last year, that he is the "David" that fought the Goliath of the Utah County Zoning Commission. He won that battle and has a 75-foot heavy-duty tower in place. Together with some great antennas, that should make for a very effective station.

A great station by itself, though, isn't enough. The station needs operators. Anyone who can operate HF for a few hours that weekend is encouraged to sign up. It is reasonable to expect to have 2-4 people at the station for each shift. One person can operate, one can log, and one might even be someone without HF privileges (yet) who could operate the station in the third-party mode. This could be a great opportunity for those who would like to see what operating HF is like as well as a chance to put Utah solidly on the map during the olympic event.

Mark's station isn't exactly in downtown Salt Lake City; it's about a 50-minute drive from the center of the valley. But it's well outside most of the Olympic traffic jams and well worth the trip for the great station that will be awaiting.

Anyone who would like to sign up for some operating time on the special event station should contact Mark at (801) 465-7650. The sign-up sheet will also be available at the February UARC meeting.

Gordon - K7HFV □

FCC grants STA for temporary use of the 13cm amateur band during the 2002 games

The fact that our amateur bands are a valuable resource was reiterated very recently when the FCC granted the Salt Lake Organizing Committee an STA (Special Temporary Authority) to allow operation on the 13cm amateur band. In a letter to Mel Parkes (AC7CP) the ARRL SM for the Utah section (and UVHFS president) and John Lloyd (K7JL) the Utah frequency coordinator, Brennan Price (N4QX) the ARRL Field and Regulatory correspondent writes:

Mel and John,

I wanted you to be aware of this in your capacities as Section Manager and Frequency Coordinator for Utah.

The Salt Lake Organizing Committee has a Special Temporary Authority to utilize the 13 centimeter band (2300-2305 and 2390-2450 MHz) for Broadcast Auxiliary operations at Olympic venues through March 1. Please see the forwarded message from SLOC (below)

The STA does not forbid amateur use of the band between now and then, but it does authorize the Broadcast Auxiliary service as a co-secondary user until March 1. These types of STA's are not unusual during major broadcast events, and the Olympic Games qualify. Given the magnitude of the events and the limited geographic area involved, as well as the relatively sparse amateur use of the band, ARRL usually cooperates with these infrequent short-term STAs.

So, if you see any strange TV signals on 13 [centi]meters between now and March 1, they aren't intruders, and they won't be there forever.

73,
Brennan Price, N4QX

Dear Mr. Price,

The Salt Lake Organizing Committee for the 2002 Olympic/Paralympic Winter Games (SLOC) has been authorized by the FCC as the sole Frequency Coordinator for Part 74 frequencies in the Salt Lake City area (see attachment.)

In addition, SLOC has obtained Special Temporary (STA) to operate on radio frequency bands, including 2300-2305 MHz. and 2390-2450 Mhz. (As) a condition of our operation, we have been instructed to notify the American Radio Relay League prior to commencement of operations.

Our STA's allow for operation through March 1, 2002.

Please contact me if you have any questions concerning this operation.

*Mario Hieb
Radio Frequency Coordinator
2002 Olympic/Paralympic Winter Games*

In a nutshell, we are obligated to treat the users of this STA just as we would other amateur radio operators. That is, offer them every courtesy and avoid QRMing them. Because of the huge scale of the winter games, it would benefit us, as amateurs, to allow them the courtesy that they deserve.

It should be noted that like amateur radio operators, this STA allows these users priority over Part 15 (unlicensed) devices such as cordless telephones, wireless LAN appliances, and several of the wireless internet providers (not including Sprint - they are licensed and in a different frequency range.) Both amateurs and the STA users should be aware that the majority of interference that they might experience will likely be from those sources.

The FCC Document outlining the details of this STA may be found at the FCC web site by following the link. (http://hraunfoss.fcc.gov/edocs_public/atchmatch/DA-01-35A1.pdf)

If you have any questions about this matter, please feel free to contact Mel Parkes or John Lloyd.

Clint Turner - KA7OEI □

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Bob Wood, W7OAD,
UARC Member

Request for Contributions!

I'm trying to raise funds to pay off my credit cards and need a lot of money. You can pledge using your own credit card or send cash or check directly to the BJB Benefit Society, PO Box..... Oh someone just told me this isn't the right forum for

this kind of request. You could send me money anyway - it would certainly be welcome.

What I am looking for are editorial submissions for The Microvolt. It seems that no one is likely to be stupi..., I mean foo..., Oh what I really mean to say is that unless someone stands up at next week's UARC meeting and in a moment of temporary insanity exclaims that they want to be the Editor I'll still be Editor. By the way "Temporary Insanity" will not be an acceptable plea to get you out of the job once so designated.

Ted, KC7PM, and I are looking for a few good men... uh... people who are willing to contribute regular columns (monthly, semi-monthly, etc) on such topics at DX, Project Building, QRP, Emergency Communications, Local Events, Other Club News, Amateur Satellite Communication, Propagation, Aerials, Contests, Quantum Mechanics (as I recall those are the guys who work on an old VWmodel), et al..

We know who you are. You can run but you can't hide. Osam..... Oh, excuse me I have these occasional lapses. We really would like to have some volunteers and not have to tackle you at the UARC meeting, or worse yet in front of your spouse and kids, - both Ted and I are getting a bit old for that kind of rough play, and it could be embarrassing for both of us.

If you feel even a slight urge (I won't even touch that one) to write then please email Ted at kc7pm@arrl.net

73 -Bruce -KI7OM □

Help Wanted

For those who have wanted to get more involved with club activities, there are quite a number places they might consider volunteering.

Reporters and Columnists: Our new editors are looking for people to cover events taking place in our area and to write feature stories. If you like to write, they would truly love to talk to you. Contact Ted Cowan, KC7PM, 576-9942.

Internet Expert: It would be nice to list in The Microvolt the people who upgrade and those who get a first license at test

sessions. All that information is available on FCC's ULS website, but it takes a bit of work to separate out the part that is for Utah and the part that is new licenses as opposed to address changes, renewals, applications for duplicate licenses, etc. Anyone who would like to extract the relevant information on a weekly or monthly basis should contact our new editor, Bruce Bergen, KI7OM, 943-1365.

Field Day Chairman: If you like to be in charge of lots of people, this is the job for you. Field Day (the annual contest for portable stations on the fourth weekend in June) is one of UARC's most heavily-attended events. But someone needs to make sure all the details are taken care of. If you would be interested, contact Brett Sutherland, KC7WRR, at 298-5399.

Net Help: There are openings for additional net control stations and people to do the "Other Club Information" section of the UARC Information Net. This net is held each Sunday evening at 9 P.M. on the club's 146.62 repeater. Each slot generally requires just a once-a-month commitment. If you are interested, contact Gary Openshaw, KC7AWU, 484-3407, or Mike Youngs, KK7VZ, 298-7272.

Gordon - K7HFV □

QRP Group Forming

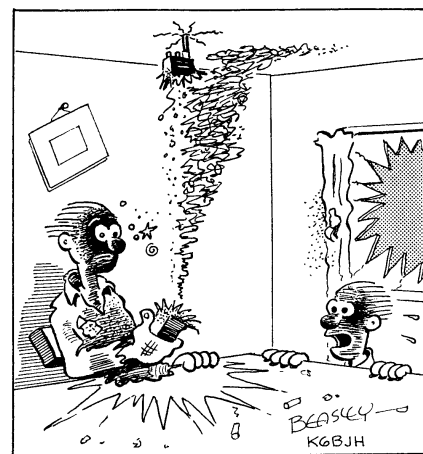
Peri Cope, WH6YT, from Tooele, tells us he is interested in forming an organization for those interested in QRP. (QRP generally means low-power operation on HF, usually less than five watts, and most often CW.) He tentatively plans to call the group "The Bonneville QRP Society" or BQS. The intent would be "to promote the practice of low powered radio communications and operational practices." Hewrites:

Although membership will be open to any radio amateur worldwide, the intended regional focus is for the State of Utah and radio amateurs from surrounding states. My desire is to utilize the Internet as the primary conduit for club activities and communication, although occasional (perhaps semi-annual) meetings will be encouraged. In addition, we will, of course, be utilizing the airwaves to conduct regular club networks.

At this point, not too much has been

established, so anyone interested in becoming a member of the society at this time would have the opportunity to help nurture it from birth to maturity. They would, in effect, be "BQS pioneers." I welcome suggestions, input, support, encouragement, and especially inheritances from anyone interested in participating.

Interested parties should contact me via e-mail at wh6yt@arrl.org. I am working on a website and will have that up and running shortly. □



WOW! NOW I KNOW WHAT THEY MEAN WHEN THEY SAY "BE SURE TO OBSERVE POLARITY WHEN INSTALLING BATTERIES!"

From "The Best of Beasley", Worldradio Books

UARC Web-Site passes the 40,000 Visits Mark

It is of interest to note that the UARC Web-Site just passed the 40,000 visit mark sometime around January 15 of this year. The total visits, since inception, to our site is much greater but we only started counting in March 1999. The site was first put on line in 1997 following an offer from Pete Townsend of Xmission to provide the club with free website space. Those who have been involved since its inception are John Buttles, N7WZ, Gordon Smith, K7HFV, Tom Schaefer, NY4I, Clint Turner, KA7OEI, and Bruce Bergen, KI7OM. We would like to thank Pete and his staff at Xmission for their generous support. It should also be mentioned that we have a number of club repeater related items linked from the Xmission webpage residing on the server at US Satellite Corp. We have Clint Turner, KA7OEI, and Glen Worthington,, WA7X, to thank for this support.

Bruce - KI7OM □