



## GLEN WORTHINGTON, WA7X, DISCUSSES ELECTRICAL FIRE

Volume XLIV Issue 6, June 2000



# The MICROVOLT

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c/o Gregg Smith

7546 S. Uranium Dr.

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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 Bonneville 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, KD7APW, 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 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 into Salt Lake City only available to UARC members. 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, testing, meeting, and membership information. If no one answers leave your name, telephone number and a short message on the answering machine, and your call will be returned.

**Publication:** The *Microvolt* is the official publication of the club. Deadline for submissions to the *Microvolt* is the 10th of each month prior to publication. Submissions by email are preferred (wmgooch@concentric.net), but other means including diskettes and typewritten submissions can be mailed directly to: Manford Gooch, 6344 S. Shenandoah Park Ave., Holladay, UT 84121. 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, 84084-3942. □

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<i>For late breaking news listen to the UARC Information Net Sundays at 21:00 on 146.62 or set your browser to:</i>	

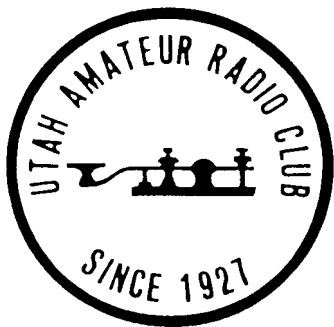
[www.xmission.com/~uarc/announce.html](http://www.xmission.com/~uarc/announce.html) □

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# The Microvolt

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

Volume XLIV, Issue 6, June 2000



## QST from the Prez

It's here again -- June. FIELD DAY!! I remember when I was a new Ham; they were talking about Field Day at a UARC meeting, and the thing that came to my mind immediately was field day at school. Well, it isn't exactly like that, but what fun it is. If you are new to the hobby, or if you have never been to a field day before, think about joining us this year.

We are going to Payson Lakes area again (the map is included in this issue). Most go up on Friday evening and go back home Sunday, while many of us go up Saturday and stay for the day only, and that's OK too. The important thing is that you come.

OK, so what do we do up there? This year we will have six operating stations -- some for the "serious" contesters, and believe me it is amazing to watch them operate. We will also have intermediate and beginners stations, so all can take part if you want to -- and we hope you do.

It was less than a year ago that I found out

Why we have a Field Day, going up in the hills, setting up stations and antennas, and then operating 24 hours straight. The reason we do this is that if we do have a real emergency and are needed to help with communications, we will be able to set up remote stations anywhere quickly and be ready to help.

Field Day is a family affair also, and it is a great way to get to know each other better. Try it. You will love the experience.

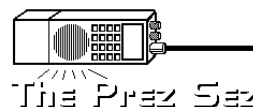
Our June meeting will be all about Field Day, and we will also have hands-on demonstrations about how to operate a station. Don't miss this meeting; there will be so much information for all of us, and it will be our last meeting until September.

In July and August there will be no meetings, but we will have the Steak Fry on July 15. So get your tickets now. Steak Fry is the next best thing to Field Day and also a wonderful way to get to know each other better -- not to mention a fabulous steak dinner in the Spruces.

For the last few years, we have been having an unofficial meeting, instead of the regular meeting, in July and August on the first Thursday. We go somewhere for dinner and have a great time. So listen on 146.62 for details.

I would like to give a special thanks to all of you who put in so many hours of service on a regular basis. Without you, amateur radio and UARC wouldn't be what it is today.

73' Maurine Strektenfinger □





## 1999 UARC Field Day

**June 23rd - 25th, 1999**

Just past Payson Lakes Campground  
Mt. Nebo Scenic Loop, Payson, Utah

All amateurs are welcome to attend the annual UARC field day. We will be setting up HF, VHF, and satellite stations to work hams from all over the US.

Setup begins at noon on Friday June 23rd. The operating event starts at Noon on Saturday June 24th and goes until Noon on the 25th. The dinner this year will be a pot-luck, so be sure to bring a dish to share as well as your own food.

So, how to get there? Go south on I-15 (approximately 65 miles from Salt Lake City), get off at the Payson exit (# 254), and go south into town (see map of Payson). Watch for the Mt. Nebo Loop signs (brown scenic loop sign). Turn left at the stop light in the center of town (you are now headed east) then turn right (head south again) by the old school with the odd playground equipment. Keep going up the winding canyon (you'll probably lose the 146.76 and 146.62 repeaters somewhere in here). Just ½ mile past the turnoff for



The improved Forest Service Payson Lakes Campground (right side) will be another turnoff (left side) across the highway from the Forest Service Guard Station access road. We will have a sign here to guide you to our meadow (only a couple of hundred yards off the main road).

You are welcome to choose your spot, first-come, first-served. We generally circle the wagons around the main antenna, operating position, and the generator.

Talk-in will be on 146.76 until you get close (up and out of the canyon) and then on 146.54 simplex.

We hope to see you there.

Tom, NY4I□



## Field Day Pins

Field Day 2000 pins now shipping: Field Day participation pins are available and shipping! ARRL Contest Branch Manager Dan Henderson, N1ND, says the pins proved so popular last year that they are now a regular part of Field Day. To "earn" a pin, all you need to do is participate in Field Day. There is no minimum number of contacts to achieve or ARRL sections to work. The pin is for

5

Meter action was in the middle of the country in the 8, 9 and Ø call areas, as skip was working both east and west from there. K9BGL, out of Illinois, said on the air that he worked all 48 contiguous states during the Field Day period. Many clubs experienced double-hop Sporadic-E during Sunday morning. How about this for a band that has often been neglected in the past?

CONFIRMING QSO WITH	DAY	MONTH	YEAR	UTC	FREQ	RST	MODE 2 WAY

☐ PSE QSL
 ☐ TNX QSL

I set up and operated the 6M station for the Peconic ARC, W2AMC, out of Eastern Long Island at the Hortonís Point lighthouse in Southold and saw the best band conditions on 6 Meters ever during the Field Day period! We ran 150 Watts into a 3-element beam up 22 feet at our 80-foot-plus height above sea level, from our location on the north shore of the island overlooking the Long Island Sound. At W2AMC, we worked over 265 stations on 6 Meters (over 200 of them via Sporadic-E and the rest by line-of-sight). There were so many stations to be worked on 6 Meters that it was the number one band for our Field Day group (as it was for many other groups in the U.S.), accounting for almost a quarter of all of the contacts during the FD period. During one particular one-hour stretch of time on Sunday from 1220Z to 1320Z, we worked 65 stations.

We also saw double hop Sporadic-E during Sunday morning with contacts into Colorado, Utah and Idaho. We basically had the beam pointed west during the entire time on Sunday. Another local club station on Long Island was the Radio Central Club out of Rocky Point, about 30 miles west of W2AMC, and they made around the same number of OSOs on 6 Meters as we did at W2AMC.

Yet, while listening to 6 Meters during some band openings days after the contest, I heard some stations say that they did not experience much activity and questioned whether they should bother taking 6 Meters to their Field Day group next year. I noticed that these stations were from locations that I had worked during the furious action on Sunday morning. All I can say is that perhaps they did not leave the 6-meter rig on or check the band periodically to take advantage of skip activity. It is almost a safe assumption to say that at some time during the 1998 Field Day period, there was Sporadic-E activity through almost all of the U.S.

I know what you're thinking: Why should you take 6 Meters when you may be in an area of

It seemed like the best place to be for 6-

little line-of-sight activity (say a place like Wyoming)? To this I say, can you afford not to? I even heard a Wyoming Field Day group briefly on the band this year and I am sure that they were glad they had 6 Meters. They were probably cleaning up with the large number of stations throughout the country that were coming through on Sporadic-E skip.

The odds are always good that some Sporadic-E activity will be seen during Field Day as the months of June and July are the best for Sporadic-E for stations in the Northern Hemisphere. Even in the worst conditions, which happened during our Field Day in 1997, I was able to work 10 stations via Sporadic-E while working another 90 via line-of-sight

For those stations in locations that fall into this situation, take the 6-meter rig and leave it parked on 50.125 during the contest while you operate other bands. If you hear some activity break through, you can take advantage of the skip conditions. If you have an HF+6 package, make a point to periodically check up and down the band during the Field Day period. Remember the 6-meter station is a VHF station and does not count as a transmitter toward your transmitter class in the scoring! There is no excuse not to monitor the band at some time during Field Day

It's easy to set up a modest station on 6 Meters for Field Day. An omni-directional antenna such as a squalo or Saturn Six will work, but not always during marginal conditions. I recommend some sort of directional antenna, such as a two- or three-element Yagi, be put up as high as possible. This can be accomplished by using telescoping mast or five-foot mast sections (available at Radio Shack). Even if one only has 10 watts for 6 Meters, a decent antenna setup described here will do reasonably well. Of course, results will generally be better when higher power levels are used.

When you run higher power, it's easier to hold on to a frequency where you can call CQ for longer periods of time. This is hard to do with a 10-watt station, and using the hunt and peck method works best for lower power stations. A station using an amplifier that can put out 150 watts will find it easier to hold on to the frequency for calling CQ, particularly as you get in areas close to the 6-meter calling frequency of 50.125 MHz. The

advantage of being able to stay on one frequency and call CQ is that you can run very high QSO rates when the band is hot as opposed to moving around and searching for stations, which slows down the rate.

The beauty about 6 Meters is that if you set up your Field Day station correctly, there should be very little intermod interference between 6 Meters and the HF stations as is often seen between 10 Meters and other HF bands. If you can't get 10 Meters going, why not use 6 Meters to fill in the gap? What a lot of Hams don't realize is that Sporadic-E on 10 or 6 Meters is an extremely efficient propagation mode and signals can get very strong during a good opening such as the ones observed during Field Day.

The terrific openings on 6 Meters during the 1998 Field Day will whet the appetite of many of the Hams who were lucky enough to experience them. The word about this year's great event will hopefully provide incentive for groups new to the band to set up a station for next year! Remember, the 6 Meter band does not count as a transmitter toward your overall transmitter classification, so you can essentially work hundreds of stations for free! Hope to see you all on the Magic Band during next Field Day!

Ken Neubeck, WB2AMU  
World Radio

[Note: For practice prior to Field Day, check out the SMIRK - Six Meter International Radio Klub - event listed in the following article -ed.]



## Contesting Calendar for June 2000

AGCW Activity Week-CW	0000Z, Jun 5
World-wide South America-CW	0000Z, Jun 10
ANARTS World-wide-Digital	0000Z, Jun 10
Portugal Day Contest-SSB	0000Z, Jun 10

Asia-Pacific Sprint-SSB	1100Z,Jun 10
TOEC World-wide Grid Contest-SSB	1200Z,Jun 10
SMIRK 2000 QSO Party-SSB	0000Z,Jun 17
All Asia DX-CW	0000Z,Jun 17
Kid's Day Operating Event-SSB	1800Z,Jun 17
DIE Contest (Spanish Is.)-All	000Z,Jun 18
West Virginia QSO Party-SSB	1800Z,Jun 18
SCAG Straight Key Day-CW	0600Z,Jun 24
SP QRP Contest	1200Z,Jun 24
Marconi Memorial HF-CW	1400Z,Jun 24
<b>ARRL Field Day-All</b>	<b>1800Z,Jun 24</b>

For more comprehensive listings and rules see:

[Www.sk3bg.se/indexeng.htm](http://www.sk3bg.se/indexeng.htm) *and*

[Www.contesting.com/links/calendars](http://Www.contesting.com/links/calendars)

## The Long Wait Could Lengthen

Patience is the byword from ARRL-VEC, which now says it could be another two weeks or more before some new and upgrade amateur license applications from April 15 VE sessions are filed with the FCC. The ARRL-VEC had been estimating up to four weeks between test session and license grant. Now, it's revised that estimate upward.

Depending in large part on how fast the session paperwork arrived at ARRL-VEC, grants from April 15 applications could show up "tomorrow or possibly two weeks from now," said ARRL-VEC Manager Bart Jahnke, W9JJ. As of Wednesday [May 17], the ARRL-VEC staff was working on applications received April 19, most from April 15 VE sessions.

Jahnke says the ARRL-VEC has electronically filed with the FCC 2,000 of the approximately 10,000 applications from April 15. He says seven fulltime staff members plus three temporary employees continue to plow through therest of the backlog. "At the rate we're going now, it could take up to 16 more work days," Jahnke predicted. The ARRL-VEC is handling up to 500 applications a day right now, but that number varies. Staff members have been putting in overtime and working weekends in an effort to keep up with the applications. Arriving paperwork is scrutinized carefully, session results are recorded, and individual applications keyed in and sent on electronically to the FCC. Typically, the FCC grants most applications overnight, although it can take another day or so.

The ARRL-VEC is now posting the status of test session processing at:

<http://www.arrl.org/arrlvec/status.html>.

Jahnke says that dealing with telephone inquiries has become part of the challenge of handling the huge workload, and he urged applicants to avoid calling to check on the progress of an application. "Every three to five minute phone inquiry means 10 to 15 license applications that don't get processed," he explained, adding that the people best equipped to answer callers' questions also happen to be best equipped to process applications.

Jahnke says the ARRL-VEC has added temporary help as the workload has increased, but he points out a drawback to piling on more bodies at this point. "Adding more personnel will mean diverting experienced staff members from processing applications to training inexperienced workers," he said.

It's estimated that more than 13,000 new Generals and more than 10,000 new Extra class hams have or will be hitting the airwaves as a result of restructuring.

*ARRL Letter*

## FCC Warns Generals off Advanced Subbands

The FCC says newly upgraded General class licensees may not operate in the current Advanced class subbands under the new amateur rules. Bill Cross, W3TN, of the FCC's Public Safety and Private Wireless Division notes that no privileges changed for any license class. The Advanced class license continues to exist under restructuring, which became effective April 15, although the FCC no longer accepts applications for Novice or Advanced class licenses. Current Generals do not earn Advanced class privileges until they upgrade to Amateur Extra class, when they earn both Advanced and Extra privileges.

The FCC also says General class operators may hold only Group C (1x3) or Group D (2x3) call signs, as it was under the old rules. Generals remain ineligible to apply for or hold Group B (2x2) call



signs.

Newly upgraded licensees were cautioned to check the revised Part 97 rules carefully to make sure they're not operating beyond their privileges. FCC Part 97 rules are available on the ARRL Web site at:

<http://www.arrl.org/field/regulations/news/part97/>

The FCC today released the Errata to its December 30, 1999, Report and Order on restructuring. The Errata incorporate minor errors contained in the original R&O and already made in the version of the new rules that appeared in The Federal Register earlier this year.

*ARRL Letter*

## Communication Products Amateur Radio Sales

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**Bob Wood W7OAD, UARC Member**

## My First/New Radio.

The venture to purchase my first new radio, began some time in late 1993, when I became convinced that the candy boxes were no longer doing a good job. Of course the traffic on these bands did not help the situation any, either.

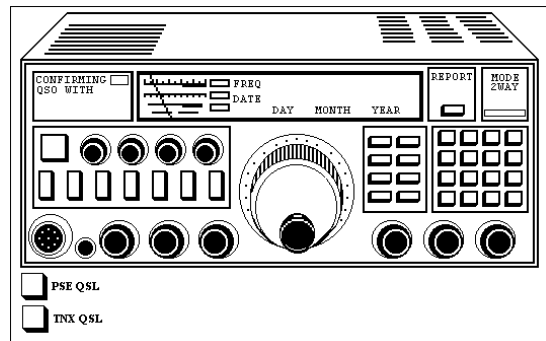
I went through one of Jerry Bennion's amateur radio classes which was being held at the Granite High School. I managed to come out of this school with a TechPlus license, and then began the wait for my license and call sign. In the meantime, I had to decide just what kind of rig I had the greatest need for. This was cause for some pondering and thinking about the matter. I received my ticket in June of 1994, and I did not get my first radio until August of that year, so I had some time to do some pondering. I decided that what I really did need the most was a radio that would provide medium/long range, high power communications. In the selection process, the Handi-Talkies and the HF rigs were eliminated, so that left me with only one other choice, and that was 2 meter FM mobile. Upon examination, I found out that this radio would do the job.

Somewhere along the way, I came to the attention of Ed Overfield, KB7VIH. I do not remember just how this happened, but he was a great help to me at the time. It was at this same time that Yaesu was discontinuing production of the FT-2400 M, so I was able to get one from Ed for \$325.00, and that is what I did. I also got the necessary mag mount antenna to go with it. I do not remember just what kind it was, but it worked just fine. Then, I had the problem of moving my radio from my shack to the van, and then back to the shack, and this went on for quite a while.

I do not remember just who my first contact was; however, it could have been ED, KB7VIH.

Well, that is the story of my First/New Radio and it began my experiences in the AMATEUR RADIO SERVICE of the Land.....

73's. Eugene, KC7CSE





## Member of the Month

This month's member of the month is Andrew Madsen, AC7CF. Originally licensed as KD7GLV in September of 1999, Andrew obtained his Extra class license on April 1st, 2000. Andrew operates mostly CW, but also operates PSK31, RTTY, and some phone. He is a member of FISTS, a CW enthusiasts group, and he is currently a sophomore at Olympus High School.

Andrew's dad, WB7OCB, made him and his brother a deal -- if they both upgraded to HF licenses, he would buy them a Kenwood 570 radio. Andrew's brother, Kenny, KM7KEN, is currently a general. Needless to say, Andrew and Kenny now own a Kenwood 570. Andrew uses that radio and a homemade dipole for his HF operations.

Andrew's dad encouraged him to go to the UARC meetings to meet other hams, and Andrew is planning to attend Field Day where this author invited him to operate the CW station. He enjoys the hobby quite a bit and is looking forward to building a QRP radio in the near future. Best of luck to you Andrew.

73, Tom Schaefer, NY4I



Amateur Radio - A Family Affair  
(L to R: Ronald, WB7OCB; Kenneth, KM7KEN; and Andrew, AC7CF)



Andrew, AC7CF



AC7CF with J-pole and HF dipole

### UARC Jackets and Hats

Official Club apparel is now available through Joe Flurer, KD7EGY, owner of Custom Design Marketing. Hats are available with the UARC logo for \$10.65. If you add your call sign to the back of the hat, the price is \$13.85. Jackets with the UARC logo on the back and your call sign on the front are \$48.92. If you add a small UARC logo to the front, the price is \$52.11. Golf shirts are also available with a small UARC logo on the front for \$28.71. All of the above prices include sales tax.

You can order your apparel at club meetings or by contacting Custom Design Marketing, 6049 S. Highland Drive, 278-5258. REMEMBER ... a portion of all sales goes back to the Club to support the repeaters. Wearing the apparel also helps promote the Club.□

### Book of the Month

What is black and READ all over. Of course, it is the new ARRL REPEATER DIRECTORY 2000-2001 EDITION. I like to purchase this every year and feel it is well worth the \$8.50. I always give an older one to a new ham. This is a great reference manual of repeater locations, frequencies and other pertinent information in the United States, Canada, and where available.

This book covers information and frequencies concerning 10 meters, 6 meters, 2 meters, the 440 band, the 220 band, the 900 band, and the 1240 band. Also it gives information for ATV & Packet.

The Directory has general information on band plans, a list of coordinators, repeater lingo and hints, a list of advertisers of radio equipment, and autopatch guidelines. You can also put notes in the back of the book.

I have found it is well worth the money to purchase them when they are brand new from our Book person, Fred DeSmet, KI7KM. It won't be new for long, so do not delay.

73  
Gary, KC7AWU

### Wayne Mills, N7NG, to Join ARRL HQ Staff

ARRL Executive Vice President David Sumner, K1ZZ, has announced that noted DXer Wayne Mills, N7NG, will join the Headquarters staff as Membership Services Manager, effective May 2. He succeeds Bill Kennamer, K5NX, who retired in March.

First licensed in 1953 at age 10, Mills has served as the Rocky Mountain Division DXAC Representative since 1996 and as chairman of the ARRL DX Advisory Committee since March 1997. He also served on the DXCC 2000 Committee. He is best known for his operating on DXpeditions over the past 15 years, most recently from TX0DX.

Mills holds BSEE and MSEE degrees from the University of California-Davis and just sold his two-way radio communication sales and service business in Jackson, Wyoming.

### EMN Update

The RMRA (Rocky Mountain Radio Association with the help of other Amateur Radio Organizations in Utah recently announced the design and implementation of the EMN (Emergency Monitoring Network). The EMN Wasatch Front HUB will be the first Repeater/Quad Band 24 hour remote monitoring system in the nation. This hub of the EMN will service Salt Lake, Tooele, Davis, parts of Weber and Utah Counties.

The EMN will use the newly allocated Utah Statewide Amateur Emergency frequencies as follows:

448.350 minus split Rptr Hub  
223.440 simplex remote base  
145.710 simplex remote base  
52.560 simplex remote base  
(Please advise all Amateurs that these are designated Emergency ONLY Frequencies)

The Wasatch Front of the EMN will be monitored 24 hours a day, by trained public safety

volunteer Amateur Operators. The system will go on-line July 1st, 2000 and will be available to any Amateur for roadside assistance, travel info, and reporting of emergencies. The system will also be fully staffed throughout the 2002 Winter Games.

For a full explanation, including technical information, and to volunteer with your expertise, please see the EMN Website:

<http://www.real-utah.com/rmra/ems.html>

If your Group wants to participate in the EMN or would like an in-person, full presentation, please contact [emn@real-utah.com](mailto:emn@real-utah.com) to schedule our speakers.

Marc Peterson - KA7SLC  
RMRA Board of Directors



## FCC says ULS Registration Can Protect License Record

Registering now on the FCC's Universal Licensing System can benefit amateurs, even if they have no plans to file an application any time soon. FCC staffer Steve Linn, N4CAK, says that ULS registration "protects your call sign within the system" and could prevent it from inadvertently being deleted or reissued due to a filing error.

Linn also pointed out that amateurs filing for a change of address should file an "administrative update" (AU) and not request a "modification." The ULS will not renew an amateur's license unless it is within the 90-day window of expiration or within the two-year grace period after expiration. The same applies for those

upgrading under restructuring.

Linn said the FCC continues to work out the bugs in the ULS. He said that support for the Mac platform and other browsers, such as Internet Explorer, should be available soon.

The FCC in late April opened the ULS to Web filing. Linn advised filers to use the on-line system whenever possible, since it helps users to avoid errors that will not get trapped when filing on paper and could lead to delays or errors in your FCC record. Visit <http://www.fcc.gov/wtb/uls> for more information or to access the ULS.

ARRL

## Reminder

Just a reminder, please sign up now for the Utah Hamfest at Ruby's Inn. This will be a great hamfest with plenty of activities for the whole family. I encourage each of you to go right now to [www.utahhamfest.org](http://www.utahhamfest.org) and get the information to register for the hamfest. Make plans to come down for the weekend or even just the day. Take in some great country and have a great time. Many of the newer hams might not know why they want to go to a hamfest, so here goes...

A hamfest is a special experience. There are people that share your ideas and a common interest. There are great people, fun things to do like transmitter hunts, special presentations on topics like DX, ARES, APRS, and PSK31. There are dealers and swap tables where you can find things you need for your shack. There are prizes, and after-hours activities. In short, this is a convention. For those that have been to business conventions, you know they are a place where you can learn in a fun environment. So, I encourage you to make your plans for July 7, 8 and 9 to be at Ruby's Inn.

Check out [www.utahhamfest.org](http://www.utahhamfest.org) for more information.

Thanks,

Tom NY4I

[Note: See the last page of this issue for an application form for the hamfest. -ed.]



## New Members

...Continued from May issue

Glenn L. Setterberg W7GLS  
566 S 3790 S  
Salt Lake City UT 84106  
(801) 262-5003

Sterling Shosted KD7IAG  
1181 Jordan Bluff Cir  
Taylorsville UT 84123  
(801) 281-1961

Jordan Smith KD7COO  
7546 S 2030 W  
West Jordan UT 84084-3942  
(801) 255-0344

James Sonntag KD7HTC  
P.O. Box 21  
Heber City UT 84032  
(435) 783-8332

...Since the May issue

Nicole Cline KA0WSK  
159 N 150 West  
Tooele UT 84074  
(435) 843-1944

Roya Edwards KD7FWX  
184 North 700 West  
Spanish Fork UT 84660-  
(801) 794-0548

Glenn Perry KD7GBO  
7550 S. 520 East  
Midvale UT 84047-2710  
(801) 561-3130

Michael Eggli KD7IMF  
1588 W 8600 South  
West Jordan UT 84088-  
(801) 566-2769

Arlene Johnson KD7IZC  
1612 W 4915 S  
Taylorsville UT 84123  
(801) 268-0153

Mike Youngs KK7VZ  
5 E 1600 S

Bountiful UT 84010-5225  
(801) 298-7272

Mary Jane Grange Pending  
5610 S Treebeard  
Taylorsville UT 84118-  
(801) 967-3064

Harry C. Jackson WD9IHB  
6885 S. Redwood Rd. APT 1602  
West Jordan UT 84084  
(801) 255-3562

Dale Heisler WJ7L  
3684 Peach St.  
Salt Lake City UT 84109  
(801) 278-6458

April 2000  
PDwayne Heirtzler KC7JQL  
607 N 200 E  
Nephi UT 84648  
(435) 623-1960

George Luke  
4295 W Volta Ave  
West Valley City UT 84120  
(801) 969-0619

Kristi Davis  
125 W 860 N  
American Fork UT 84003  
(801) 763-9159

Tyler Davis  
125 W 860 N  
American Fork UT 84003  
(801) 763-9159

Kraig L. Oaks KC7LYC  
7659 South 1095 East  
Midvale UT 84047-2918  
(801) 255-1225

Tom Rhoton KC7QXY  
400 E Eastridge Cir  
Alpine UT 84004  
(801) 763-0953

Jordan Smith KD7COO  
7546 S 2030 W  
West Jordan UT 84084-3942  
(801) 255-0344



James Sonntag KD7HTC  
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Sterling Shosted KD7IAG  
1181 Jordan Bluff Cir  
Taylorsville UT 84123  
(801) 281-1961

Lyle Odendahl KD7IBS  
1769 Sunrise park Cir  
Sandy UT 84093  
(801) 571-7680

Michael D. Herkimer KD7IBZ  
229 Cranberry Hill Dr  
Draper UT 84020  
(801) 571-3209

R. Kevin Healy KD7ICA  
6576 S Clematis Way  
West Jordan UT 84084  
(801) 966-2949

Hjalmar Leon KD7IMP  
4896 S Highland Cir #12  
Salt Lake City UT 84117  
(801) 277-2309

Jim Cooper KG7IG  
2462 E. Eastwood Place  
Sandy UT 84092  
(801) 942-1329

Patrick Fitch N0YKE  
10894 Savannah Dr  
Sandy UT 84094  
(801) 619-9610

Glenn L. Setterberg W7GLS  
566 S 3790 S  
Salt Lake City UT 84106  
(801) 262-5003

Listen for them!!

## June Meeting

UARC's June meeting, to be held Thursday, June 1, will be about Field Day. Come to think of it, can you remember a June meeting about

anything else? UARC's annual entry in the Field Day contest (June 24 and 25) is one of the big events of the year, and the June 1 meeting will help prepare for it in a hands-on mode.

Tom Schaefer, NY4I, who is in charge of computer logging and computer-assisted operating for this year's event, tells us he will have a whole complement of computers set up so everyone can practice with the system ahead of time. The computer network at Field Day will be quite elaborate this year, including six separate logging computers, all able to communicate with one another.

The computers will automatically keep track of what band each transceiver is on, and log accordingly. At least one transceiver will be available at the meeting to demonstrate how the interconnection works.

Perhaps you have questions like, "Why should I come to Field Day?" or "What does HF sound like?" This will be the meeting to answer them. And once they're answered, you will, no doubt, want to sign up for a lot of operating hours on the Field Day stations. You can do that at the meeting as well.

Of course, you might have an even more basic question: "What is Field Day?" Field Day is an annual contest sponsored by the national organization of amateur radio operators: The American Radio Relay League. Field Day is the hobby's largest contest, and emphasizes portable and mobile operation. The idea is to give operators experience in the kinds of challenges that an emergency might present. These include setting a station up in an unusual place, operating without commercial power, and continuing to operate and get the traffic straight through the night. For more information about the contest, check the official rules available from ARRL's web site.

Although any individual or group may enter, most Field Day stations are set up by clubs. UARC has a tradition of combining Field Day with a family campout in the mountains. For more information about UARC's plans, check the article on the current news page.

The June meeting will also be the last opportunity to make reservations in person for annual Steak-Fry. The Steak-Fry, to be held July 15 this year is usually the club's biggest event.

The meeting will also sport the customary features of UARC meetings including a chance to meet the people you've worked, see the latest ARRL books, attend a post-meeting "Dime Line," or get in on the new "Elmer Hour," a chance to get your questions answered or help to answer questions of others. You can order hats, jackets, or a new feature: name tags.

## The Hamfest Detective

Rummaging through table after table at hamfest after hamfest each year leaves me feeling like a "hamfest detective." Some of you will remember the line, "Just the facts, ma'am, just the facts," from the TV series "Dragnet," starring Jack Webb, as Detective Friday. And you probably will relate to the following incident, proving that in real-life situations facts are important, even for hamfest detectives.

While attending the Ozarks Regional Hamfest in Springfield, Missouri, I happened upon a table loaded with items that had belonged to a friend and fellow Ham, Henry Fortner, WB0WQS, who had become a silent key several months earlier. As I looked over the various rigs and accessories offered from Henry's estate, imagine my surprise at finding a 1969 ARRL Handbook with my previous call sign stamped on the front cover.

I immediately remembered back ten years ago when Henry was working on a home-built receiver. He had used plans from this particular year's handbook to build it and was looking for the documentation to make the repairs. I had a copy of that book and offered to loan it to him.

Keeping a written record when you lend something provides you with important facts you may be glad you have later. While you would probably remember to whom you loaned your VTVM, or transistor tester, six months ago, you may have a tougher time several years later remembering who got away with a particular book or small field strength meter. I failed to record this

information in this case, and I soon forgot all about giving the book to Henry. It's the exception to the rule that I stumbled onto my handbook after so many years. While Henry had no intention of keeping the book, the fact is, out-of-sight out-of-mind, still rules the day for most of us.

This incident provided a good laugh for my wife, Mary, N0AQC, Mike O'Brien, K0MYW (who was in charge of selling Henry's estate items), and me. And I wouldn't be surprised if our friend Henry, WB0WQS, tuned in from his heavenly QTH and got a chuckle out of it too.

Would I have ever missed that handbook? Probably not. But the whole thing reminded this hamfest detective that when Detective Friday said, "just the facts, ma'am, just the facts," he had a good reason. The importance of getting down all the facts while they're fresh in your mind can't be overstressed. It will allow you to be generous while at the same time increase your chances of recovering your property.

Gary E. Meyers, KYOB  
*WORLD RADIO*

## Steak-Fry Tickets Going Fast

UARC's big event of the year, the summer Steak-Fry and swap-meet, will take place on the afternoon of Saturday, July 15.

Unfortunately, our usual spot, Area 7 at the Spruces, was already reserved, so we had to settle for Area 2. This picnic ground only accommodates 100 people instead of 150, so we have to sell correspondingly fewer tickets. Tickets are now available., And according to the report after the May meeting, about half are already sold. If you would like to come, you will need to get your tickets soon.

You can buy tickets at the June meeting (which will be the last chance to do so in person), or you can send a check to the club Secretary, Gregg Smith, KD7APW.

Prices for the event are as follows:

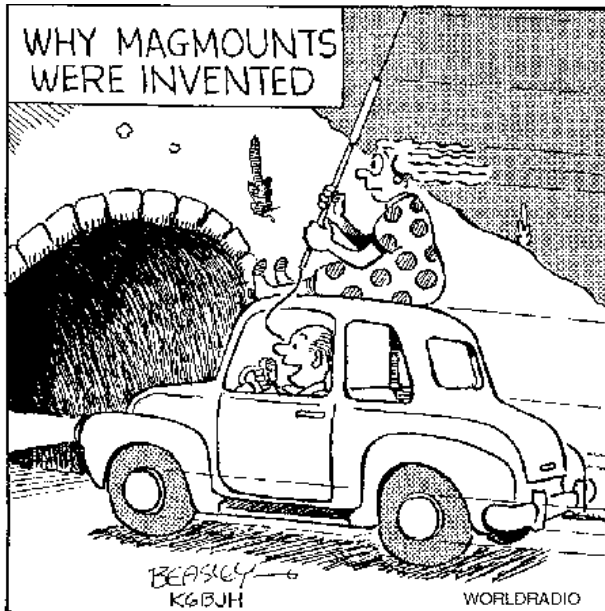
Members:       \$3.00

Guests        \$10.00

Children      \$4.00

Send reservations to:

Gregg Smith, KD7APW  
7546 S. Uranium Drive  
WestJordan, Utah 84084-3942



*WORLD RADIO*

# UTAH HAMFEST 2000

ARRL UTAH STATE CONVENTION

Ruby's Inn - Bryce , Utah

July 7, 8, 9, 2000 (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](http://WWW.utahhamfest.org), [WWW.RubysInn.com](http://WWW.RubysInn.com)

Mark your Calendars now; Publish this flyer in your Newsletters; Announce at Club meetings;  
Copy for widest Distribution; Utah Hamfest needs your support; Success = More Utah Hamfests

## Activities Include:

Dealer and Swap Meet Areas

Seminars and Forums

Women's and Children's Events

Contests:

Hi Speed CW, Low Speed CW, QLF

Mobile Installation

Transformer Toss (a new method)

Transmitter Hunts (a new challenge)

Prize Drawings

Wouff Hong

Radio/Antenna Testing and Evaluations

Amateur License Exams

## Utah Hamfest

P.O. Box 382

Bountiful, Utah 84011-0382

Web Page: [WWW.Utahhamfest.org](http://WWW.Utahhamfest.org)

Swap spaces available with paid registration

Tail gate spaces \$5.00 with paid registration

Swap Tables \$5.00 with paid registration

## Accommodations:

**Ruby's Inn Special Rates prior to June 7**

2 Queen Beds \$75, Lodge across street \$50

Contact: Keith in Group Sales

Ask For Special Utah Hamfest Room Rates

Call: 1-435-834-5341 Ext. 7222

**RV/Campground:** 435-834-5301 Fax 435-834-5481

Full Hookups Start @ \$22.50 + Tax

Electric & Water Start @ \$21.00 + Tax

Tent Spaces Start @ \$14.50 + Tax

Tipi Rental Start @ \$21.00 + Tax

## Registration Information:

Adult (18 and over) \$7.00 Before June 7<sup>th</sup>

\$10.00 at the door (No mail-in after June 7, 2000)

Youth (17 & Under) \$3.00 before June 7<sup>th</sup>

\$5.00 at the door

(Youth registrations eligible for youth prizes only)

----- Please clip here and mail. Don't miss this hamfest! -----

## Please Print

Name: \_\_\_\_\_ Callsign: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ VE Exam Y/N \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip+4 \_\_\_\_\_ - \_\_\_\_\_

Number of Adults: \_\_\_\_\_ X \$ \_\_\_\_\_ = \$ \_\_\_\_\_

Number of Youth: \_\_\_\_\_ X \$ \_\_\_\_\_ = \$ \_\_\_\_\_ (17 & under)

Breakfast Buffet: \_\_\_\_\_ X \$ 8.00 = \$ \_\_\_\_\_

Swap Meet Table: \_\_\_\_\_ X \$ 5.00 = \$ \_\_\_\_\_

Swap Meet Tail Gate: \_\_\_\_\_ X \$ 5.00 = \$ \_\_\_\_\_

Total: = \$ \_\_\_\_\_

Names of Additional Attendees:

\_\_\_\_\_ Callsign: \_\_\_\_\_ VE Exam Y/N \_\_\_\_\_

\_\_\_\_\_ Callsign: \_\_\_\_\_ VE Exam Y/N \_\_\_\_\_

\_\_\_\_\_ Callsign: \_\_\_\_\_ VE Exam Y/N \_\_\_\_\_

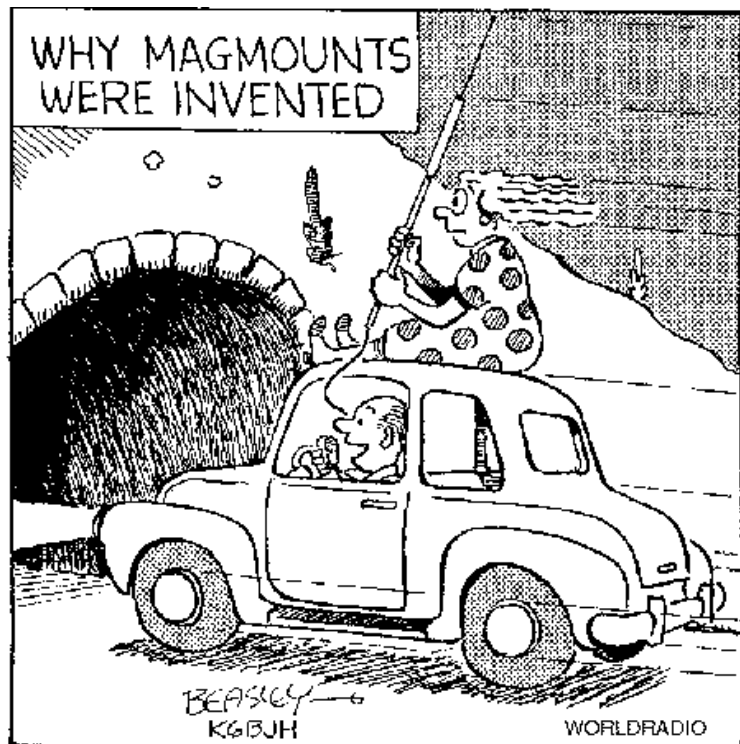
\_\_\_\_\_ Callsign: \_\_\_\_\_ VE Exam Y/N \_\_\_\_\_

Mail-ins: Check or Money orders Payable to: **Utah Hamfest @ PO Box 382 Bountiful, UT 84011-0382**

Must have names and callsigns (if applicable) of all registered attendees.

Microvolt





































The annual club steak-fry and swap meet will be held Saturday, July 17, in Area 7 of The Spruces campground. A complete steak dinner for \$2.00 is a remarkably good deal, so don't miss this benefit of membership. The swap meet will start at 3:00 p.m., and the dinner at 5:00 p.m. Parking at the campground is limited, so car pooling from the mouth of the canyon is advised. (Big Cottonwood Canyon is the canyon in which the Solitude and Brighton ski resorts are found.) The Spruces is about 10 miles from the mouth of the canyon, on the right side. You must make a reservation before July 10 in order to attend the steak-fry. Sign up with the club Secretary, Russ Smith, KC7ZDZ. The prices are:  
Members \$2.00  
Guests \$9.00  
Children \$3.00  
Send reservation requests to:  
Russ Smith, KC7ZDZ  
2684 Kenwood St.  
Salt Lake City, UT 84106-3628



You must make a reservation before July 10 in order