

The *Microvolt*

January, 2013



Your 2013 Board

Prologue

Publication: *The Microvolt* (USPS 075-430) is the official publication of the Utah Amateur Radio Club, Incorporated, 699 E. South Temple Ste 100, Salt Lake City, UT 84102-1282. It is published monthly except August. Subscription is included with club membership at \$17 per year. Single copy price is \$1.50. Periodicals postage paid at Salt Lake City, Utah. Postmaster: send address corrections to *The Microvolt*, c/o Dick Keddington, 1783 Woodside Drive, Holladay, UT, 84124-1620.

Deadline for submissions is the 24th of each month prior to publication. Submissions by email are preferred (k7hfv@arrl.net), but other means including diskettes and typewritten submissions can be mailed directly to: Gordon Smith, 632 University St., Salt Lake City, UT 84102-3213. Reprints are allowed with proper credits to *The Microvolt*, UARC, and authors. Changes in mailing address should be communicated to the Club Secretary: Dick Keddington, 1933 Woodside Drive, Holladay, UT, 84124-1632.

Club: 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 second Thursday of the month at 7:30 PM in the University of Utah's Warnock Engineering Building, generally in room 1230 or 2230., sometimes in 2250 or 105.

Membership: Club membership is open to anyone interested in amateur radio; a current license is not required. Dues are \$17 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 \$17 may obtain a membership without a *Microvolt* subscription for \$9. Send dues to the Club Secretary: Dick Keddington, KD7TDZ, 1783 Woodside Drive, Holladay, UT 84124-1620.

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-) is IRLP node 3352. Instructions for IRLP use are on the club website.

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.

UARC 2013 Board

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<i>Microvolt</i> Editor: Gordon Smith, K7HFV	801 582-2438
Asst. <i>Microvolt</i> Editor: Mary Alexander, KF7QVL	801 347-3220
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Historian: Ron Speirs, K7RLS	801 904-3587
Field Day Chair: Brett Sutherland, N7KG	801 298-5399
License Trustee: Brett Sutherland, N7KG	801 298-5399
Repeater Engineer: Randy Finch, K7SL	801 556-7565
ATV Engineer: Clint Turner, KA7OEI	801 566-4497
Autopatch Engineer: Gordon Smith, K7HFV	801 582-2438

Contents

January Meeting: Handling Formal Traffic	3
Latest News.....	4
Rocky Mountain Division News.....	5
License Examination Schedule	7
Member of the Month	7

IRLP Information

For information on using the club's IRLP node on the 146.76 repeater, check <http://user.utaharc.org/irlp> .

For late breaking news listen to the UARC Information Net Sundays at 21:00 on 146.62 or set your browser to: <http://user.xmission.com/~uarc/announce.html>

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For account information go to:
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The Microvolt

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January Meeting: Handling Formal Traffic

Have you heard people on the air saying odd things like, “Please copy number 23, routine, from W7LID...” and wondered what was going on? Well, UARC's January meeting will be a chance to learn all about it. There is a nationwide network of amateurs that operates every day of the year to relay messages (“radiograms”) from one part of the country to another.

Dick Leining, W7DML, will be telling us all about this operating activity including what form messages take, how they make their way from one place to another, and how you can participate. Traffic handling is one of the oldest activities in amateur radio. It's where the “relay” part of the American Radio Relay League name comes from.

With the new year, we're back to our regular schedule with UARC meetings on the second Thursday of the month. That puts the next meeting on Thursday, January 10, 2013. The room in which we will be meeting is a little more complicated, though. It will be changing from month to month. The January meeting will be in room 2230, right above 1230 where our most recent meetings have been.

UARC meetings are held on the second Thursday of each month at 7:30 P.M., in the Warnock Engineering Building on the University of Utah campus. See the [map](#) for information on finding the building. Rooms for the Spring 2013 meetings are as follows:

January: 2230
February: L105 (Three levels down from the “main” floor)
March: 2230
April: 2250

Of course, the meeting will include the “standard” meeting features:

- Availability of ARRL books from Brett, the “book lady”
- An opportunity to join UARC or renew your membership
- An opportunity to join ARRL or renew your membership
- The chance to meet face-to-face the people you talk to on the air
- The “Meeting after the meeting”: A chance to enjoy pizza or other gastronomic delights with other hams. It happens at Litza's Pizza, 716 E. 400 South.
- The “Meeting *before* the meeting”: A similar get-together for those who can leave work early enough to get there by 5:15 P.M. The December get-together will be at “Crown Burger,” 377 E. 200 South in Salt Lake City.

Latest News

Our Cover

Our cover this month shows the newly elected Board of Directors for 2013. Left to right we have Brett Sutherland, N7KG, Vice-President; Clint Turner, KA7OEI, President; Rick Asper, AC7RA, Executive Vice-President; Gary Wong, AB1IP, Program Chairperson; Chuck Johnson, WA7JOS, Treasurer; Morris Farmer, AD7SR, Program Chairperson; Dick Keddington, KD7TDZ, Secretary; and Gordon Smith, K7HFV, *Microvolt* Editor. Not shown are Mary Alexander, KF7QVL, Assistant Editor; and Linda Reeder, N7HVF, Past President.

If the new Board seems to bear a resemblance to the old one, that is, in fact, the case. The only new face this year is Rick Asper who replaces Andrew Madsen as Executive Vice-President. All the candidates ran unopposed.

VHF Society Swapmeet

The Utah VHF Society will be holding its 2013 Business Meeting and Swap Meet, usually the largest swap meet in the state, on Saturday, February 23. The location is new this year: Building #2 of the Legacy Events Center, part of the Davis County Fairgrounds. The address is 151 S 1100 West in Farmington.

Swapping will start at 8 A.M.; those needing to set up tables may start as early as 7 A.M. Admission is free to VHF Society members (including those willing to join at the door). There is a charge for those attending as non-members.

The Utah VHF Society is a statewide organization that promotes the construction and maintenance of repeaters, particularly those in lightly populated areas of the state where the ham population may

be small enough to need financial help to keep a repeater on the air.

Licenses Classes

Technician Class: Morris Farmer, AD7SR, will be teaching a “long form” Technician course starting January 14. This is an opportunity for those who are interested in getting a first amateur license to learn what they need to know about the hobby, both to pass the license exam, and to operate. Classes will be held each Monday at 7 P.M. at Morris’ home. The class will run for approximately five weeks. There is no charge for the course and the book will be available the first night of the course. The cost of the book is \$30 which goes to UARC. If you are interested or have questions please contact Morris Farmer, AD7SR, at ad7sr@comcast.net.

Extra Class: Ron Speirs (K7RLS) and Morris Farmer (AD7SR) are planning a course for those wishing to obtain an Extra Class license. It will begin Wednesday the 16th of January. It will probably run until about the first of May (yes it is a long time!). It will start about 7:15 PM and be weekly. They often hold a Q&A class on Saturdays to help with such concepts as exponents, logarithms, using your calculator, and homework problems. The classes are held at Morris' home in Holladay, about 5000 South, 1500 East. They try to limit the class to about 10 students.

There is no charge for the class other than the book. They will be using the ARRL *Extra Class License Manual*, Tenth Edition, which will be available the first night of the class for \$30. You can pay in cash or by check made out to UARC. All manual fees go to UARC. You can, of course get a manual yourself before the course begins. If

you do, it is suggested to begin your studying with Chapter 4. That's where the course will start. You will also need a scientific calculator (one that has log, sin, cos, tan, etc) in order to work the problems.

If you decide to take the course or have any questions please send Morris or Ron an email. Those that sign up will receive instructions on how to find Morris' house.

Email addresses are:

Ron: k7rls@comcast.net

Morris: <mailto:f.morris1@comcast.net>

Rocky Mountain Division News

(From the ARRL Rocky Mountain Division *Newsletter*)

By Brian Mileschosky, N5ZGT
Director, ARRL Rocky Mountain Division

Mike Corey, K11U, ARRL's Emergency Preparedness Manager, was the keynote speaker at our ARRL Division Convention in Bryce Canyon, Utah, last summer, where he gave a thought-provoking presentation on the topic of ARES and public service communications. He repeated the presentation at ARRL's National Convention last October in California. He received large attendance and rave reviews on both occasions.

Since the Division Convention last summer, I've received numerous requests from members, ECs, and DECs around our Division for his presentation (which was recorded in Utah) to be put on the web. This note is to announce that Mike just recently posted it, slides and audio combined, for download.

After describing the role his department at ARRL plays with ARES and public service communications, Mike dives into a very candid discussion on a number of important topics that I would encourage every ham involved with public service communications take a moment to see/hear.

The presentation is a large file (about 100 MB), but well worth the short time to download. It can be found at <http://www.arrl.org/presentations-talks>

Seasons Greetings!

It's that jolly time of the year, and it's been an honor representing you and ham radio within ARRL's Board as your Director and Vice-Director. Let's take a glance at the past 12 months within our Division:

- The monthly Rocky Mountain Division net has continued to allow us to meet you on the air, pass on pertinent information, and otherwise improve communication across our large Division — the good ol' ham radio way.
- We've continued to send emails, like this one, containing information and announcements to the Rocky Mountain Division membership on a monthly basis.
- Our Division website (<http://www.rockymountaindivision.org/>) has continued to serve as a source of Division related information.
- Our 2012 Rocky Mountain Division award recipients were announced: Bob Sterner, KB0BS, of Aurora, Colorado, (Division

Ham of the Year), Austin Schaller, KD0FAA, of Boulder, CO. (Division Young Ham of the Year) and David Hassall, WA5DJJ, of Las Cruces, NM (Division Technical Achievement Award). Nominations for 2013's awards are being accepted now.

- The 2012 Rocky Mountain Division Convention, held near Bryce Canyon, Utah, was a fantastic success, thanks to all those who organized it and made the trip for a great weekend of fun. We look forward to the 2013 Division Convention held next year in Estes Park, Colorado.
- Numerous clubs and groups organized and successfully offered hamfests and swapfests across our great Division so hams like you and I could buy/sell gear, expand our knowledge at forums, upgrade our licenses, and strengthen relationships with other dedicated hams.
- Vice Director Dwayne Allen WY7FD and I are grateful for the opportunity to have met and interacted with so many of you at numerous club meetings, during casual QSOs, on-air nets, as well as the following hamfests and ARRL Conventions over the past year: the 2012 Division Convention (Bryce Canyon, UT); the New Mexico D-STAR Academy (Socorro, NM); the Longmont ARC LARCFest (Longmont, CO); the Wyoming State Convention (Cheyenne, WY); the New Mexico State Convention (Albuquerque, NM); the 285 TechConnect Radio Club TechFest (Denver, CO); Socorro Hamfest (Socorro, NM); and others.
- Thanks to you, the clubs you belong to, the volunteer examiners that you know, our

Section Managers and their combined 271 member strong field organization, ARRL membership in the Rocky Mountain Division is up 2.5% from last year — the second highest percentage than any other Division in the United States. We currently sit at 6,906 members — an increase of 171 since last year. Please continue to recruit new and experienced hams alike to the League family.

Above all else, Rocky Mountain Division members like you have been super active. We had a great year on the airwaves, chewing the rag, chasing DX, providing service to our communities in times of need, contesting, chipping away at awards, experimenting with newly built gear, mentoring others, serving within clubs, and more. From our family to yours, Merry Christmas and Happy Holidays — see you on the air.

January ARRL Board of Directors Meeting

The ARRL Board of Directors convenes twice a year to represent their Divisions on ARRL policy matters, its first meeting of 2013 taking place next month. Your concerns, questions and ideas regarding ARRL policies are always welcome. As always, please help us better represent you by sharing your thoughtful feedback.

2013 Division Convention

The good folks in Colorado are spinning up the 2013 Division Convention in Estes Park, and it's shaping up to be an outstanding event that will be worth every bit of your while. Mark your calendars for a superb event at the gateway of Rocky Mountain National Park on June 28-30, one weekend *after* Field Day. Bookmark the event's website:

<http://www.hamconcolorado.org/wordpress/>.

Many more details are forthcoming.

License Examination Schedule

Opportunities to test for new or upgraded amateur licenses

Date	Day	City	Contact Person	Phone
01/08/13	(Tue.)	Cedar City	Russ Chaffee, N7BO	(435) 704-0001
01/16/13	(Wed.)	Provo	Steve Whitehead, NV7V	(801) 465-3983
01/16/13	(Wed.)	St. George ²	Gary O. Zabriskie, N7ARE	(435) 674-2678
01/29/13	(Tue.)	Salt Lake City	Eugene McWherter, N7OVT	(801) 541-1871
02/02/13	(Sat.)	Salt Lake City ¹	Gordon Smith, K7HFV	(801) 582-2438

¹Preregistration required. Check with the contact person before the test session.

²More information at <http://www.dixieham.org/meetings.html>

Check <http://user.xmission.com/~uarc/testinfo.html> for further exam information.

Member of the Month

Jeff Baty, KF7HFO

(Photo on page 8)

By Linda Reeder, N7HVF

This month we are featuring Jeff Baty, KF7HFO. Jeff says he has always had amateur radio in the back of his mind. When Jeff became disabled he really needed a hobby to keep busy. Jeff has a bad back. He has had ten surgeries but none of them have really helped. Jeff was the manager of the Holiday Oil store when he hurt his back lifting syrup containers for soda pop drinks.

Dave Matern, KB7YOS, a member in Jeff's LDS stake, was teaching a Technician class. Jeff took the class and obtained his Technician license in February, 2010. Jeff, along with friends in his LDS ward and stake, attend ham radio activities together. They also attend the UARC meetings. Jeff is a member of MARC. He is also a member of the ARRL, ARES, RACES, and the Davis County Amateur Radio Club. Jeff said he used to live in Davis County. Last year he attended the Davis County Field Day and had a wonderful time. Jeff is also a member of the 76ers and really enjoys that.

When I asked Jeff what his favorite thing about amateur radio was he said it was nets. He listens to all kinds of nets: the UARC Information Net, the 76er Net, Davis County Net, MARA, ARES net, VHF Society Net and he even participates in a net out in Magna. I encouraged Jeff to help out with the UARC information net.

Jeff has a great desire to become proficient in the Morse Code. He really enjoys it and listens to the code whenever he can. Jeff is really working hard on getting his General Class license. He is really excited about getting on the HF bands. Jeff has an Icom handheld, the IC-701. Jeff is looking at getting a mobile unit and, of course, I told him all about the Kenwood TMV-71A and why I liked it so much. Jeff is working on getting a better antenna outside of his house.

Jeff and his wife, Sharon, have five grown children: three girls and two boys. Two of the girls live in Arizona. None of them are in amateur radio, but Jeff is trying to get his wife, Sharon, interested in the hobby.

The Microvolt January 2013

Jeff was a computer instructor at the Salt Lake Community College. He also enjoys reading and has a dog named Snoopy.

Jeff, we wish you the best in all of your endeavors, especially in upgrading to General license.

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Jeff Baty, KF7HFO, and his wife, Sharon