

WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

APRIL 2016

Next Club Meeting/Activity

Meeting: HF Stations—Getting on the Air



Gil Leonard NG7IL
President



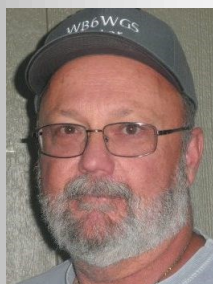
Jason Miles KE7IET
Vice President



Mike Taylor KE7NQH
Secretary



Jerry Cottrell KG7IGW
Treasurer



Pete Heisig WB6WGS
Program Director



Dave Mamanakis KD7GR
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETING

Meeting: Get to Know your Fellow Ham

Home Brew Show & Tell

Date: 3rd Saturday 19 March 2016

Time: 9:00 AM

Location: Riverdale Fire Station

NEXT CLUB MEETING/ACTIVITY

Meeting: HF Stations—Getting on the Air

Date: 3rd Saturday 16 April 2016

Time: 9:00 AM

Location: Riverdale Fire Station

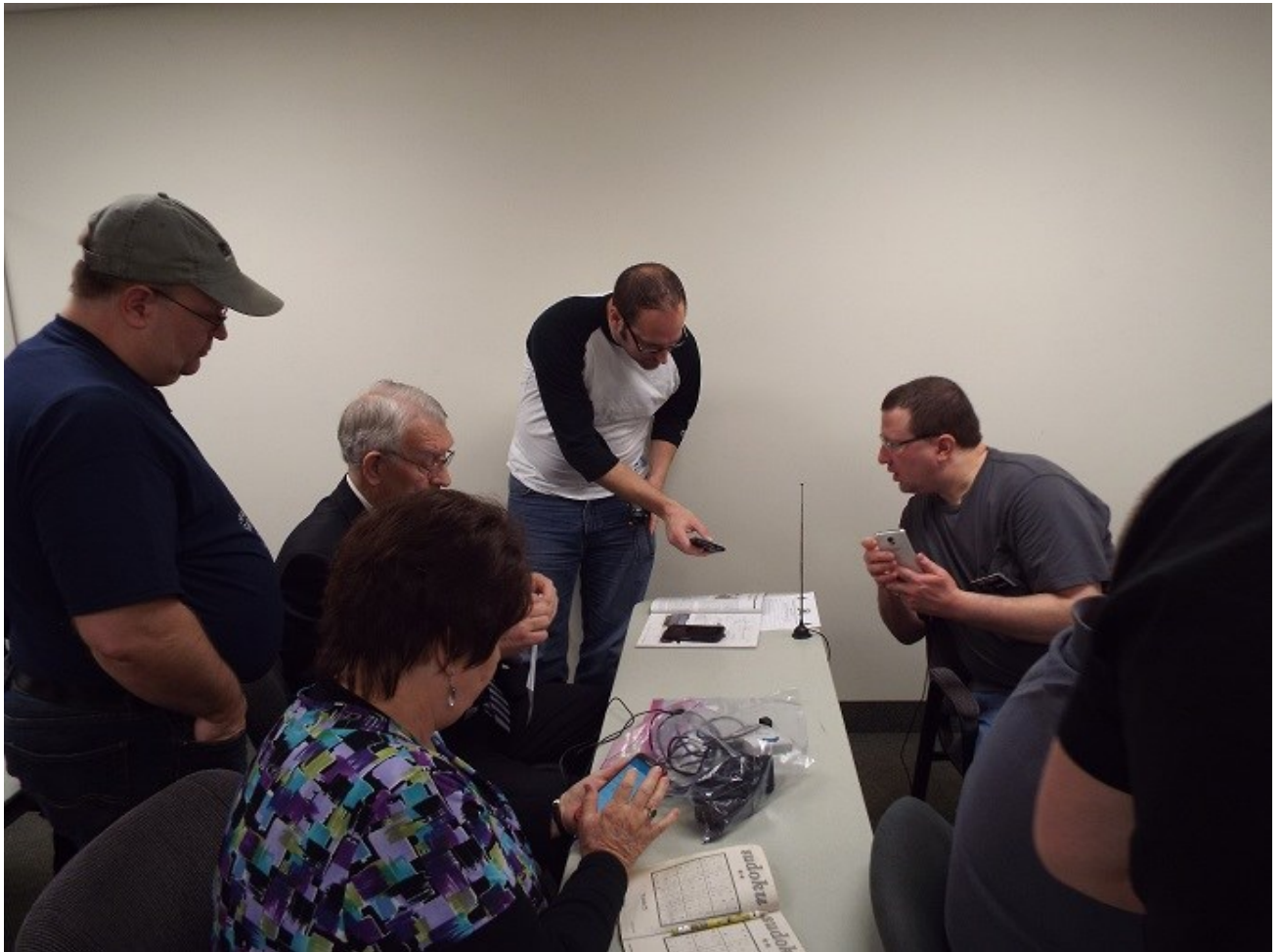
PREVIOUS MEETINGS PICS

Photos by ... Rick Hansen N7EGA

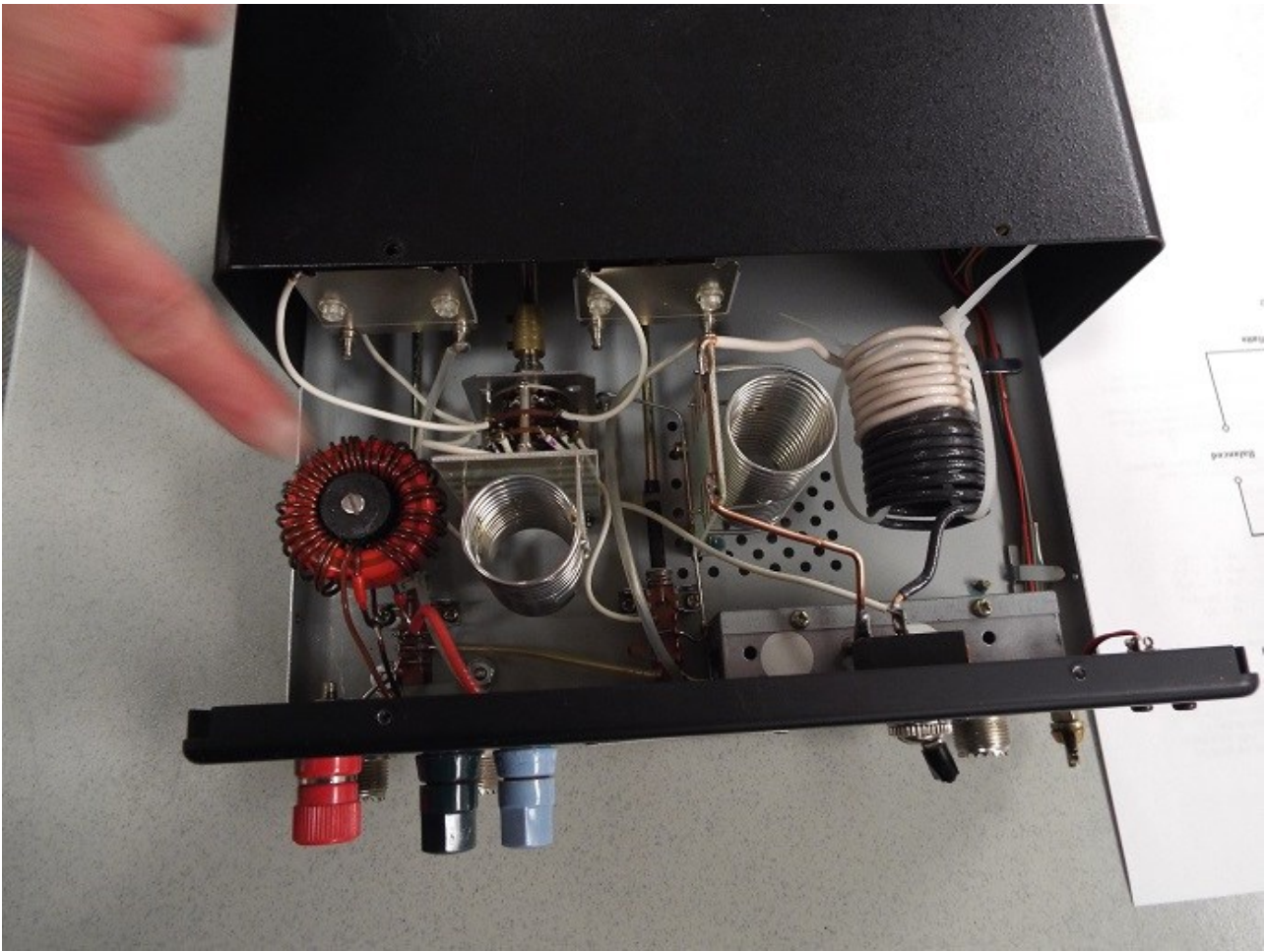


Where is everyone?



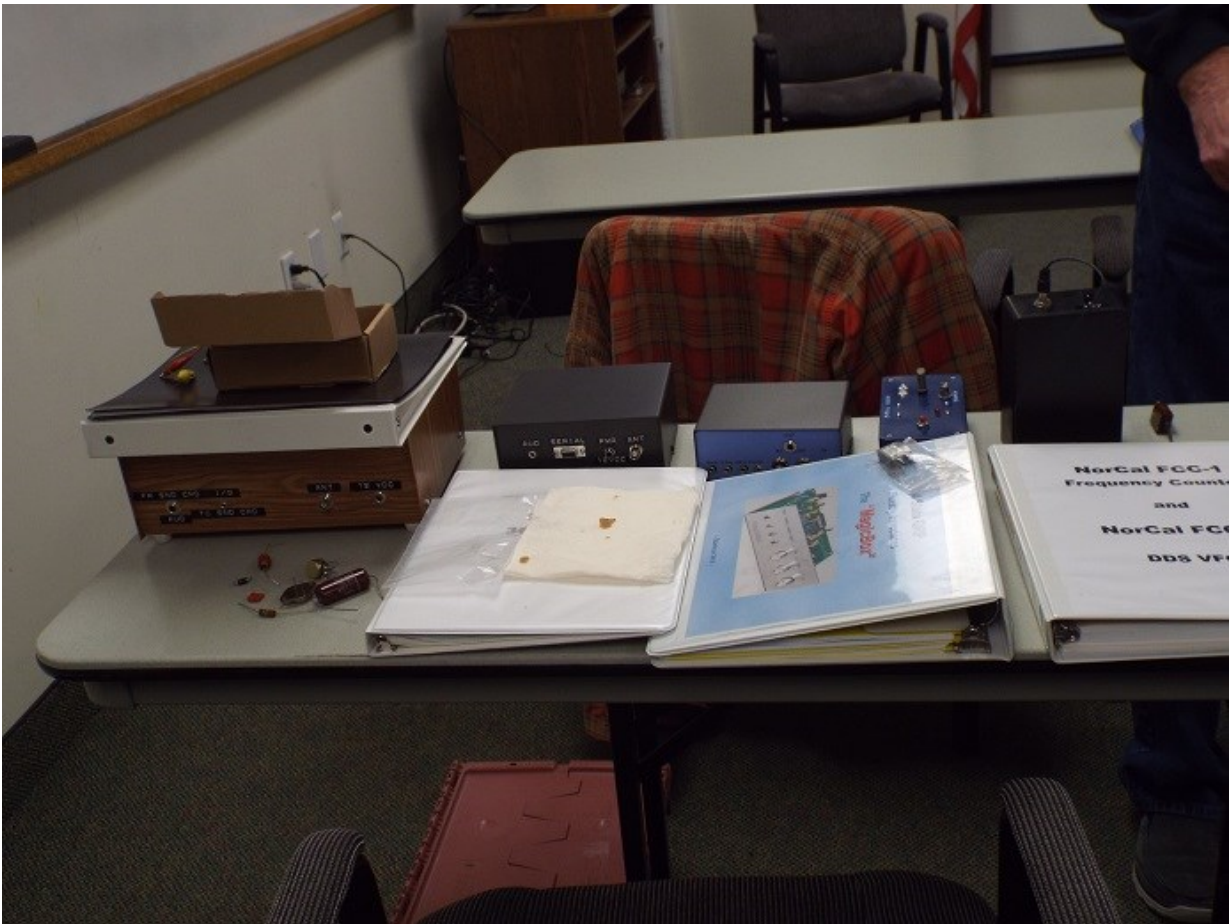
















Mel Parkes—ARRL Section Manager

QRM from Gil



Gil Leonard NG7IL

Spring Station Tune-Up Time

It has been a busy month. In preparation for our move, I have been taking down my station. It is interesting to see the wear and tear on equipment. I would suggest a few things to watch for in your set up and found changes I will make to my new installation.

A simple “J-pole” and a quality piece of coax should be a reasonably trouble free FM solution. I found the connector on the bottom of the antenna actually un-seated itself and was very loose. Fortunately, it didn’t do any real damage but it did allow some water intrusion and corrosion to the coax. Consider checking all your coax connections to ensure they are tight and waterproof them with a good wrap of tape or other waterproofing material.

My main coax trap dipole for HF was installed a little higher. Thinking the coax was reasonably supported and tied down, I found the excess coax that was looped suffered significant abrasion and wore completely through the outer layer of insulation and into the inner shield. This piece of coax might still be useful but its integrity has definitely suffered. With the current price of quality coax around a dollar a foot, you can bet things will be different next time. Be sure to support your coax adequately from your antenna all the way down to your feed through. Make sure it is tied down to prevent the wind and weather from moving it around and abrading the insulation.

The last thing I found was loose screws and bolts holding the masts to the wall and the mounting hardware from antennas to masts.

Continued ...

Inside the shack was not quite as dramatic. A few loose connections and un-necessary wires lying about. Dust is attracted to electronic equipment more than other surfaces. A can of compressed air usually reserved for your computer keyboard will come in very handy.

For your spring shack tune-up, let me suggest the following:

- Check all your mounting hardware supporting any equipment outside.

- Verify coax connections and inspect/add water protection.

- Visually inspect the entire length of all coax insulation.

- Secure coax and ground wires to prevent movement and abrasion.

- Check or add safety grounds for static and lightning protection.

- Clean dust from heat sinks and inside your radios to ensure proper cooling.

- Tie up and inspect power and ground wires to prevent pulling and tripping hazards.

- Eliminate any un-needed wiring and equipment.

I'm sure you will find other things to improve or repair on your station. Like your automobile, regular maintenance and inspection of your station and equipment will help to ensure long hours of enjoyable, trouble-free operation. It will also give you the confidence knowing that it will perform when you depend on it. When problems do arise, your knowledge of your set-up will make troubleshooting and repairs that much easier.

Hope to catch you on the air soon and will see you at our regular club meeting in a couple of weeks.

73 de Gil

NG7IL

CLUB NEWS

HF Stations—Getting on the Air

At the beginning of this year OARC had the pleasure of hosting a record breaking General Class Licensing Class and a VE test session that followed where 18 received their General Class license and 10 others received their Tech Class license.

So Now ... What Next?

The April meeting topic will be ... HF Stations—Getting on the Air.

Don't miss it.

73.





OARC COMING EVENTS



OARC Golden Spike Special Event

07th + 10th May 2016

Also ... National Parks in the Air

7QP

The 7th Call Area QSO Party

07th & 08th May 2016

OARC VE Test Session

First Wednesday 01 June 2016

OARC Field Day Event

Last Weekend 25 & 26 June 2016

The Great Salt Lake Hamfest .org

08 & 09 July 2016

OARC T-Hunt Event

3rd Saturday 16 July 2016

OARC Steak Fry / Elections

3rd Saturday 20 August 2016

*** Free Steaks for all Paid-up Members ***

Joint Swap Meet

3rd Saturday 17 September 2016

HOBBY NEWS

Davis County Licensing Class

Beginning Thursday, April 7, 2016 we will be holding a Technician Class for anyone interested in getting their Amateur Radio License. The class will last for 8 weeks.

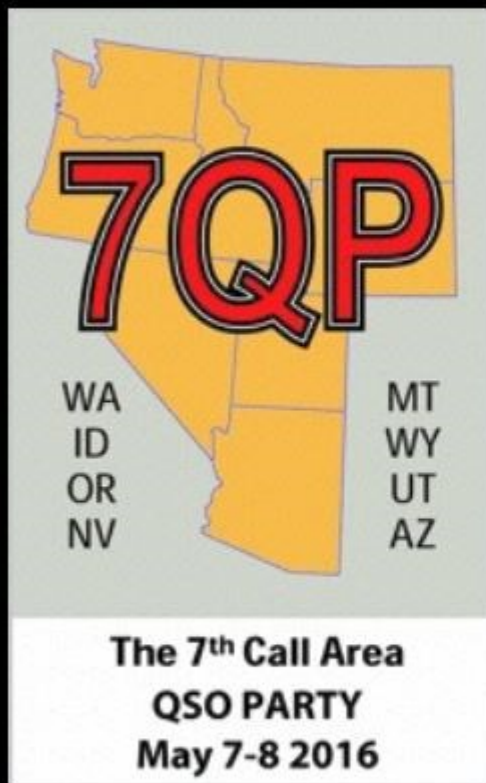
Dates: Every Thursday starting April 7 through May 26, 2016

Time: 1800 - 2100

Place: Layton City Building - 437 N Wasatch Drive, Layton, UT 84041

We will be using the Technician License Course Book by Stu Turner W0STU. We will have books available for \$20.00. If you have any questions please contact Spencer at ae7io@arrl.net

7th Call Area QSO Party



Saturday May 7-8, 2016

HOBBY NEWS



*Don't Miss the
Opportunity to
Hear...*

Rick Roderick – K5UR

President of ARRL



**Conference Keynote Speaker
Friday Night Kickoff**

HamCon Colorado 2016
May 13-15, 2016

President Roderick, 63, is the ARRL's 16th president. An ARRL Life Member, he has been a radio amateur for 48 years and lives in Little Rock, Arkansas. He sat on the ARRL Board of Directors for 24 years, and he served as a member and chairman of the DX Advisory Committee. He is an enthusiastic DXer with many operating awards to his credit.

President Roderick holds bachelor's, master's, and JD degrees from the University of Arkansas and is a managing partner in a law firm.

Register Now at: www.hamconcolorado.org

Editors comments:

HAM CON 2016 Rates

Room Reservations: \$111 / night

Event Early Bird Registration: \$20

Food:

Friday Evening BBQ: \$36

Saturday Subway Lunch: \$33

Saturday Evening Banquet: \$46/\$48

Sunday Morning Breakfast: \$28

Unclaimed Club Badges

Our club treasurer is worried about several of you that have not picked up your new pre-paid OARC club badge. Your badge doesn't look quite like this one because it has your call sign and your name on it but we are quite sure you will enjoy yours just the same. You can claim your badge at any future club function, meeting, activity or event or contact our club badge czar Jerry KG7IGW.



<p>KD7RPT, Sparky KF7HNU, Ralph KG7WXB, Jared</p>	<p>KT7JIM, Jim</p>
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Club Swapmeet



“SALE” or “WANTED” ITEMS NEEDED

OARC's **O-bay (On-Line Swap-Meet)** items needed for the web site...

Visit <http://www.ogdenarc.org/> then click on **Obay-Swap**.

FEATURED ITEMS

FT101B Estate Sale

YAESU YC-601 digital display
YAESU FV-101B VFO
YAESU YO-100 Monitor Scope
YAESU Phone Patch SP-101PB
YAESU FL-2100B Amplifier
YAESU FTV-250 2 meter transverter
YAESU FT0101B HF

I also have several lollipop microphones, some used some new, Astatic D-104 or similar.

A women that I work with husband died and left her with an extensive FT 101B station that has not been used in 20-30 years. None of these items have been used in 30+years.

Some are brand new, I do not think any of these items have been modified or repaired.

Andrew Schneider, N7EBG, Cell 801-529-3033, N7EBG@ARRL.NET

NOTICE

FREE on-line, local swap - help spread the word

<http://www.pocatelloarc.org/swap/>

CLUB REPEATER NEWS

The 146.90 repeater, on Mt. Ogden, has developed a problem. Somehow it has locked itself into a mode where analog FM signals can bring it up, but no audio gets through. This makes the transmitter transmit a dead carrier when someone tries to use it with analog FM.

But it does work fine for digital signals.

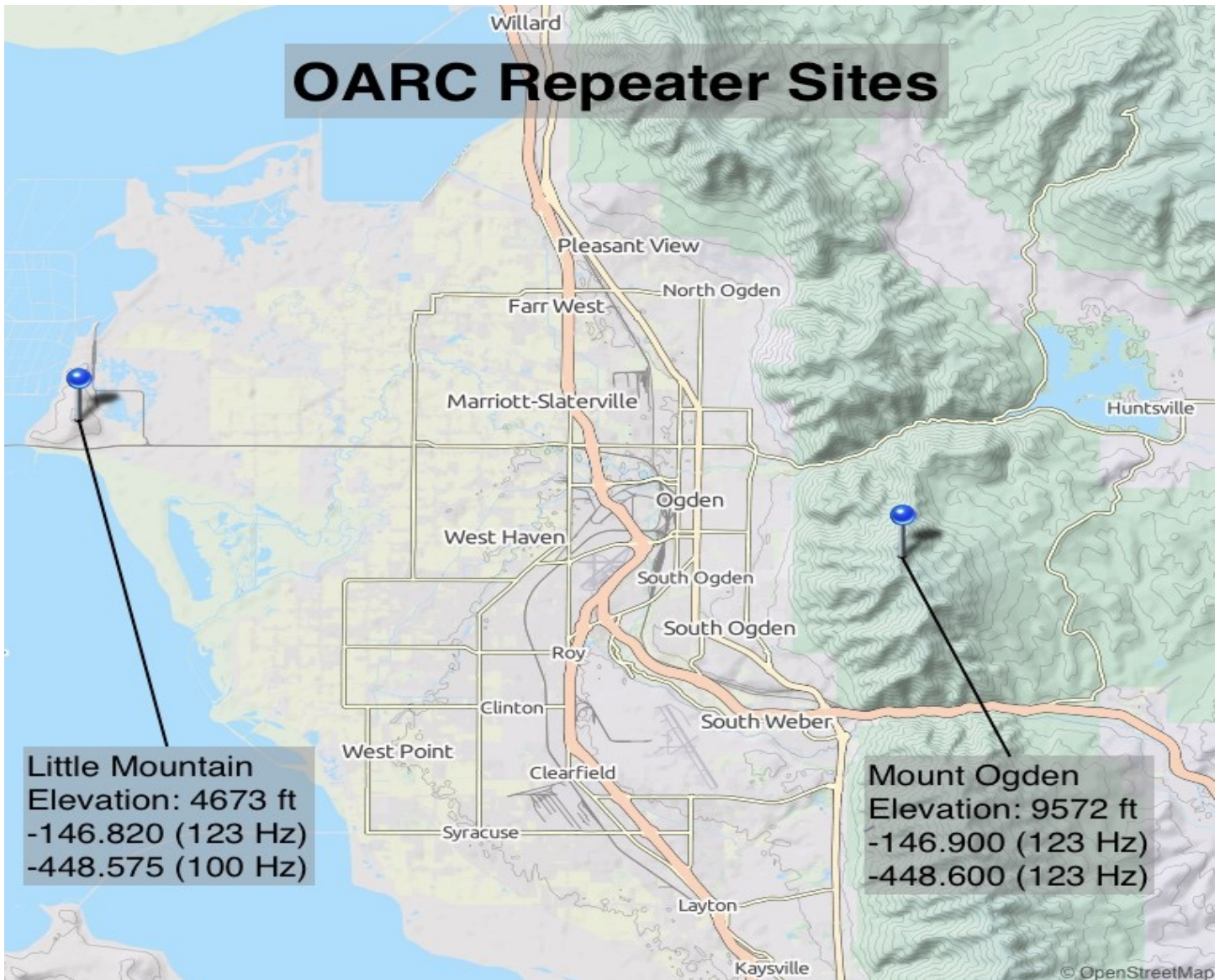
So, for the time being it can only be used by those with Yaesu digital Fusion enabled radios. So, this is a great opportunity to use the digital modes if you have a new Yaesu Fusion radio.

The way to get the repeater to its normal mode is to reset it. However, resetting the repeater must be done on site, not over the air. So, it will stay in this mode until the snow melts and we can drive to the site. In the past several years, this has been in July.



Mike, KZ7O

CLUB REPEATER NEWS



Scott Willis KD7EKO



Mike Fullmer KZ7O

Scott Willis KD7EKO and Mike Fullmer KZ7O are the OARC repeater engineers that keep our club repeaters at Mt Ogden and Little Mountain operational.

**More to come ...
following the next 3 pages of commercials.**

Please stay tuned.

OARC YAHOO GROUP




Did you know that OARC has a Yahoo Group?

We occasionally communicate with our OARC members via the Yahoo Group. Receive notices regarding upcoming club meetings and future e-newsletter release notices and much more like CHAT items of interest.

You can also send/receive notices to/from other group members yourself.

It's easy to sign up...



Just click on the  icon at the top of the club website home page and then follow the Yahoo Group instructions to create yourself a user ID and password.

Club Badges

OARC Club badges are available for all licensed club members.

The cost is \$10.00 each. The badge comes with a “MAGNETIC” clip. Badge includes your Call Sign in large letters and your First Name in a somewhat smaller font in white lettering on a pitch black background with the club logo. See example below.



Place your order along with \$10.00 in advance for each badge ordered and specify Call Sign and First Name. Contact webmaster or any club officer via email or contact the club treasurer at the next club meeting.

For additional information see club website left side menu and click “Join” to fill out a club application form to order a club badge.

OARC MEMBERSHIP DRIVE

SUPPORT YOUR RADIO CLUB

Don't forget to signup/renew your OARC membership now (\$15) which runs August to August. Consider signing up your spouse as well.

Ham + Spouse = \$15 + \$10 = \$25

THANK YOU FOR YOUR SUPPORT

Join OARC

Renew your membership now!

Membership in the Ogden Amateur Radio Club is open to anyone interested in Amateur Radio. You do not need an amateur license to join us. You do not need to join the club to participate with us. Dues are used to operate the club, field day activities, and repeater equipment maintenance.

Joining is easy. Come to a club meeting or fill out an application form from the club website (click "Join" from the left side main menu). Instructions for mailing on the form.

DUES: Dues are \$15.00 per person and runs August - August. (Ham + spouse = \$25.) More than one ham in the family? Consider the OARC Family plan for \$25.

NOTE: New Hams >>> Membership in OARC is complimentary for remainder of 1st year licensed.



ARRL to Review, Evaluate, and Explore Possible Improvements for OO Program

The ARRL Executive Committee has directed the Headquarters staff to "review and evaluate the Official Observer ([OO](#)) program, solicit input from the field organization, and explore areas of possible improvement including in the area of training for OOs." ARRL Second Vice President Brian Mileschosky, N5ZGT, will oversee the study. The action stemmed from a discussion during the EC's [March 12 meeting](#) in Westlake,

Texas. At the meeting, ARRL General Counsel Chris Imlay, W3KD, observed that there have been "several positive developments" with respect to FCC enforcement, since the EC last met in October 2015. But with the closure of some FCC field offices and the retirement of several experienced engineers who have been helpful with enforcement matters in the past, the EC discussed how the OO program might be better positioned to help the FCC. A preliminary report is due at the EC's October meeting.



ARRL Second Vice President Brian Mileschosky, N5ZGT, will oversee a review of the ARRL Official Observer program. [Rick Lindquist, WW1ME, photo]



FCC Seeks Comments on Petition to Grant Lifetime Amateur Radio Licenses

02/24/2016

The FCC is seeking comments on a *Petition for Rule Making* ([RM 11760](#)) that asks the FCC to grant lifetime Amateur Radio licenses. Mark F. Krotz, N7MK, of Mesa, Arizona, filed his request with the FCC last November. He wants the FCC to revise § 97.25 of its rules to indicate that Amateur Radio licenses are granted for the holder's lifetime, instead of for the current 10 year term. Krotz noted that the General Radiotelephone Operator License (GROL) already is issued on a lifetime basis, and he maintained that not having to renew licenses would lighten the FCC's workload.

"It would be mutually beneficial for the FCC and Amateur Radio operators to update Part 97 to grant operator licenses for lifetime, Krotz said in his filing. "The FCC would benefit by reducing administrative costs."

In 2014 the FCC granted lifetime credit for examination elements 3 and 4, but applicants seeking relicensing under that provision still must pass examination element 2.

Individuals may [submit](#) comments via the FCC's Electronic Comment Filing System (ECFS).

GUEST ARTICLE

By Dan, KB6NU

Why You Should Get Your Extra Class License

The Amateur Extra Class license is the highest class of license in the United States, and perhaps the world. Many hams—even hams that live outside the U.S.—aspire to pass the test and be awarded one.

There wasn't always an Amateur Extra Class license. The Extra class license, as we know it today, was created as part of the 1951 license restructuring, that also created the Novice and Technician Class licenses. (In 1951, the Novice license was the "beginner's license." To get a Technician Class license, you had to pass the written test that General Class operators had to pass.)

Although it gave an operator no additional privileges, to get an Extra Class license, one had to:

- * Pass a 20 wpm code test (Generals had to pass only a 13 wpm code test).
- * Pass a longer and more difficult written examination than the General Class exam.
- * Have at least two years of experience as a licensed radio amateur.

Today, without the code test and the experience requirement, many hams upgrade to Extra Class as soon as they can. Some even pass the Technician Class, General Class, and the Amateur Extra Class exams in a single test session.

So, what's the attraction? Why should you upgrade to Extra?

One of the reasons that you should upgrade to Extra is that you get use of the entire 80 m, 40 m, 20 m, and 15 m bands. Portions of those bands, such as 3.6 - 3.7 MHz in the 75m band and 14.150 - 14.175 Mhz in the 20m phone band, are reserved exclusively for Extra Class licensees. Extra Class operators also have exclusive privileges in the CW portions of the 80 m, 40 m, 20 m, and 15 m bands. These are the frequencies where the DX stations hang out.

Continued ...

By Dan, KB6NU

Another reason to get your Extra Class license is that only Extra Class licensees can administer General Class and Extra Class license exams. General Class operators can become Volunteer Examiners (VEs), but they are only allowed to administer Technician Class exams.

Another reason you might want to get an Extra Class license is to get a fancy vanity callsign. Only Extra Class operators can apply for 1×2 or 2×1 callsigns, such as W8RP or KT8K. A short, snappy callsign can help you work more DX or improve your contest scores.

Whatever your reason, studying for the Extra Class exam will open your eyes to many aspects of the hobby that you may not be familiar with. And, as you work your way through the material, you'll learn things that make you a better amateur radio operator and enable you to enjoy the hobby more. It's not easy, but in the end, an Extra Class license will help you have more fun with amateur radio.

Dan, KB6NU is the author of the "No Nonsense" line of amateur radio license study guides, a prolific blogger (www.kb6nu.com), and an active CW operator in the Extra Class portion of the HF bands. If you have any comments, questions, compliments, or complaints, email him at cwgeek@kb6nu.com.

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday of each Month

The Ogden Amateur Radio Club meetings are usually held on the **3rd Saturday** of each month.

Meeting/Activity:

See notices above

Talk-in: **-146.82 (pl 123.0)**

Check OARC web site for details

www.ogdenarc.org

Please invite a friend to join you. You do not have to be a member of the club to participate in our club meetings or activities. We invite all to join us.

If anyone is interested in doing a presentation on something or just have something unique to show at the meetings. - Please get a hold of any of the officers and let us know.

Next Weber Co VE Test Session:

1st Wednesday Feb, Jun & Oct

Exam sessions are held in Ogden every few months, **usually** the first Wednesday in February, June, and October.

Time: 06:00 PM *Walk-ins allowed*

Location: Permanent location

Weber County Sheriff Office
Training Room
712 W 12th Street Ogden Utah

Contact: VE Liaison:

Rick Morrison W7RIK (Liaison)

morrisonri@msn.com (801-791-9364)

Jason Miles KE7IET (IT)

Cost: \$ 14.00

Two forms of **ID**, one of which must be a **picture ID**.

For "Upgrades" bring current **license** and a **copy** of current license, and any **CSCE's**

Most **calculators** allowed. Calculator memories must be cleared before use.

Club Web Site

Be sure to visit our club web site.

www.OgdenARC.org

Club membership is open to anyone interested in Amateur Radio. You do not need an amateur license to join us. Dues are used to operate the club, field day activities, and repeater equipment maintenance.

Club Call Sign

Listen to the club repeaters for this very familiar CW ID. You do know Morse Code don't you?

W7SU

ARRL Field Day is held on the last full weekend of June every year.

Location may vary each year so watch this notice for details as time draws near.

See you there.

OARC REPEATERS			
(*) Yaesu Fusion digital/FM compatible			
FREQ	CLUB	TONE	LOCATION
146.900-	OARC (*)	123.0	Mt Ogden
448.600-	OARC (*)	123.0	Mt Ogden
146.820-	OARC (*) "Talk-in"	123.0	Little Mtn
448.575-	OARC	100.0	Little Mtn (w/auto patch)

OTHER AREA REPEATERS			
FREQ	CLUB	TONE	LOCATION
146.620-	UARC	none	Farnsworth Pk
147.120+	UARC	100.0	Farnsworth Pk
449.100-	UARC	146.2	Farnsworth Pk
449.500-	UARC	100.0	Farnsworth Pk
147.040+	DCARC	123.0	Antelope Isl
447.200-	DCARC	127.3	Antelope Isl
449.925-	DCARC	100.0	No Salt Lake
145.290-	GSARC	123.0	Brigham City
145.430-	GSARC	123.0	Brigham City
147.220+	GSARC	123.0	Brigham City
448.300-	GSARC	123.0	Brigham City
146.640-	BARC	none	Logan
146.720-	BARC	103.5	Mt Logan
147.260+	BARC	103.5	Promontory Pt
449.625-	BARC	103.5	Mt Logan
145.250-	WSU	123.0	* coming soon
449.250-	WSU	123.0	* coming soon
145.490-	K7HEN	123.0	Promontory Pt
146.920-	N7TOP	123.0	Promontory Pt
449.775-	N7TOP	123.0	Promontory Pt
147.100+	Morgan	123.0	Morgan Co
448.825-	IRLP/Echo	123.0	Clearfield City
449.950-	IRLP	123.0	Clearfield City
449.425-	IRLP	100.0	Nelson Peak
147.360+	Summit Co	100.0	Lewis Peak

AREA CLUB MEETINGS & WEB SITES

CLUB	WEB SITE	DATE/TIME	LOCATION
OgdenARC	ogdenarc.org	3 rd Saturday 09:00 am	Check OARC web site ...
WC ARES	ogdenarc.org/ join.html#ares	2 nd Thursday 06:30 pm	Weber Co. Library Ogden Utah
WC Sheriff Comm-O		1 st Saturday 10:00 am	Weber Co. Sheriff Complex West 12 th Street Ogden Utah
Barc	barconline.org	2 nd Saturday 10:00 am	Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut
CSERG	dcarc.net /ares.htm/	Last Wednesday 8:30pm	Clearfield City Hall Clearfield Utah
DCarc	dcarc.net	2 nd Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	home.comcast.net/ ~noutares/	3 rd Wednesday 7:00 pm	Cache Co. Sheriff Office Logan Utah
Uarc	xmission.com /~uarc/	1 st Thursday 7:30 pm	UofU EMC Bldg Room 101 Salt Lake City Utah
GSarc	Ubetarc.org	Check Website	Check Website
Utah DX Association	udxa.org	3 rd Wednesday check web page for details	check web page for details Salt Lake City area
UvhfS	ussc.com /~uvhfs/	Each Tuesday 8:00 pm (refer to web site)	Weekly 2 meter net (no eye ball meetings)
WDArc	westdesertarc.org/	1 st Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	https://groups.google.com/forum/#! forum/wsuarc	3 rd Thursday 5:30 pm	WSU Blding #4 Room ? Ogden Utah

LOCAL AREA NETS

DATE	CLUB	FREQ
Daily @ 12:30 PM mt	Utah Beehive net HF	7.272 Mhz HF LSB
Daily @ 07:30 PM mt	Utah Code net HF	3.570 Mhz HF CW
Daily @ 02:00 UTC	Utah Farm net HF	3.937 Mhz HF LSB
Sunday @ 8:45 AM	Ogden Old Timers HF net	7.193 Mhz HF LSB
Sunday @ 7:30 PM	GS ARC	145.430 - 123.0 (training net)
Sunday @ 8:30 PM	SATERN Net	145.900 - 123.0
Sunday @ 9:00 PM	Morgan Co Net	147.100 +123.0
Sunday @ 9:00 PM	UARC Info net	146.620- no PL tone required
Monday @ 9:00 PM	2-meter SSB net	144.250 Mhz 2-meter USB
Tuesday @ 8:00 PM	Weber ARES	448.600 - 123.0
Tuesday @ 8:00 PM	VHF Society Swap	147.120 + 100.0
Tuesday @ 9:00 PM	Bridgerland ARC	147.260 + 103.5
Wednesday @ 8:00 PM	GS ARC	145.290-, 145.430-, 448.300- (all 123.0)
Wednesday @ 8:30 PM	CSERG	145.770 simplex
Wednesday @ 9:00 PM	No. Utah 10m HF net	28.313 Mhz HF USB
Wednesday @ 9:00 PM	6-meter SSB net	50.125 Mhz 6-meter USB
Thursday @ 6:30 PM	Davis Co Elmers Net	147.040 + 123.0 New Hams
Thursday @ 8:00 PM	Weber State ARC	146.820 - 123.0 (coming soon)
Thursday @ 8:00PM	State RACES VHF/IRLP	145.490 - 123.0, 146.680 - 123.0 3 rd Thursday - even months only
Thursday @ 8:30 PM	Davis ARES	147.420 = simplex
Thursday @ 9:00PM	Wasatch Back Net	147.360 + 100.0
Saturday @ 8:00AM mst	RACES State HF	3.920 Mhz HF LSB 3 rd Saturday – odd months only
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz HF LSB

OARC OFFICERS

President: Gil Leonard NG7IL

Vice Pres: Jason Miles KE7IET

Secretary: Mike Taylor KE7NQH

Treasurer: Jerry Cottrell KG7IGW

Program Director:
Pete Heisig WB6WGS

Activity Director:
Dave Mamanakis KD7GR

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

"OARC" web site

Webmaster: Val Campbell K7HCP

OTHER CLUB APPOINTMENTS

VE Liaison: Richard Morrison W7RIK
Jason Miles KE7IET (IT)

Repeater Engineers: Mike Fullmer KZ7O
Scott Willis KD7EKO

Photographer: John Shupe K7DJO

QSL Manager: John Shupe K7DJO

Historian/Librarian: Kent Gardner
WA7AHY

Equipment Manager: Val Campbell K7HCP

Club Call Sign Trustee: Larry Griffin AD7GL

Advisors: Stan Sjol W0KP
Mike Fullmer KZ7O
Kent Gardner WA7AHY
Kim Owen KO7U
Larry Griffin AD7GL

73 es cul de W7SU

www.OgdenArc.org