



# WATTS NEWS



**The Best of Amateur Radio**

## OARC e-Magazine

[www.OgdenArc.org](http://www.OgdenArc.org)

**OCTOBER 2014**

**Next Club Meeting/Activity**

**Meeting: Riverdale Fire Station**



**Gil Leonard NG7IL**

**President**



**Jason Miles KE7IET**

**Vice President**



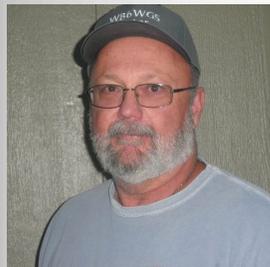
**Larry Griffin AD7GL**

**Secretary**



**John Shupe K7DJO**

**Treasurer**



**Pete Heisig WB6WGS**

**Program Director**



**Mike Taylor KE7NQH**

**Activity Director**



**Val Campbell K7HCP**

**Webmaster/NL Editor**

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## **PREVIOUS CLUB MEETINGS**

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**DCarc/Oarc Joint Swap Meet**

**2nd Saturday 13 September 2014**

**8:00 AM - 11:00 AM**

**Bountiful Park**

**100 W 400 N Bountiful Utah**

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## **NEXT CLUB MEETING/ACTIVITY**

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**3rd Saturday 18 October 2014**

**Meeting :**

**FLdigi software and MT632000 L modem  
By Gil Leonard NG7IL**

**Riverdale Fire Station**

**9:00 AM**

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## OARC COMING EVENTS

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**Family Dinner -  
3rd Saturday 20 December 2014**

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## Club Swapmeet

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**“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**.

## QRM from Gil



**Gil Leonard NG7IL**

Fall is definitely in the air. The swap meet was a great event. If you missed it, you may have missed some great deals. I am always amazed at the vast variety of new and used equipment. What a great way to clean out your shack or add to it.

As the air turns colder and days get shorter, we might be stuck indoors. The good news is, we will have more time for radio activities. We all got involved in radio for different reasons but we all come together as a group to build friendships, gain more knowledge about radios and to associate with other like minded people. We end up having fun in the process. Part of that fun is talking on the radio. Do you ever feel lost not knowing what to say?

One of the things I have learned , the best conversationalist is not the one talking but rather the one listening. Everyone has a story to tell and they want to share that story. Were you able to get that story from your last contact? All it takes is asking a question or two about the other persons interests. After the usual opening comments like name, call sign, location, signal reports, station set up and weather.

Try asking an open ended inviting question and then just listen. They may say something interesting that will peak your interest or be similar to your own experiences. That simply leads to your next question or comment. Try starting with a radio topic. How did you get started in amateur radio? Do you have a favorite operating mode? Inject a few comments of your own, like why or how you got involved, your favorite mode or your favorite radio and antenna.

## QRM from Gil

### Continued

Try asking what they know about a radio subject that interests you. Antenna building, satellite communications, kit building or portable operating might be a good place to start. What about other hobbies?

One of the great things about radio contacts, it forces us to slow down just a bit and listen to the other person. We must wait for a clear frequency to respond or the other party won't hear our reply. The Ogden Amateur Radio Club has an amazing spectrum of people with different interests, abilities and skills. When was the last time you answered a new call sign that announced his presence on the air?

The 146.820 MHz repeater located at Little Mountain seems to be the local “watering hole” for members of the Ogden Club. I would encourage everyone to monitor this repeater more often and answer the new calls you hear. See if you can figure out who: Operates two wheel mobile, is building his own CNC machine equipment, models his antenna farm with software, builds and tests different antenna designs or collects and restores vintage radios? I recently had the opportunity to talk with a club member who is making contact with W1AW from all 50 states.

The HF bands are wide open to making new friends and contacts from almost any point in the world. Field day or the Golden Spike special event station is a great way to experience the HF bands. There are Club members who would be happy to introduce you to the HF bands.

I hope you get on the radio soon and enjoy a good “ragchew” with a local ham. See what stories you can discover and get excited about upgrading your license to experience more of what this amazing hobby has to offer.

73 de Gil

NG7IL

## CLUB NEWS

**The October meeting of the Ogden Amateur Radio Club will be featuring an introduction to FLdigi software and MT632000 L modem.**

FLdigi is a free software program that supports multiple digital modes for HF, VHF and UHF bands. FLdigi supports companion programs that are free to download. They are: FLmsg, which contains templates for common forms such as ARRL radiogram and ICS forms. FLwrap, which is an encapsulation program that will function with almost any file. FLamp, which allows one message to be sent to multiple stations.

What makes these programs so useful beside being user friendly and populating the correct forms on receive, they will send and receive messages error free.

These programs have been used successfully by many groups for fun and emergency communications. The programs will run on most any computer or laptop using various platforms such as Windows, Mac, Linux and others.

MT63 is a modem protocol that can be used effectively on VHF and UHF frequencies with nothing more than your computer and handheld radio. No expensive cables or interfaces are required. It can even be used through a repeater!

We will be covering basic set up of the program, some of the features and demonstrating how to send or receive messages and forms error free using MT63.

This is an exciting and useful aspect of amateur radio you will want to experience. Bring your laptop and handheld to the meeting October 18th. Software for windows will be available at the meeting or to save time you can download software for your platform before the meeting at the following link.

<http://www.w1hkj.com/download.html>

For more in depth information and uses Google: FLdigi or NBEMS (narrow band emergency messaging system).

Hope to see you all in October,  
73 de Gil  
NG7IL

# CLUB NEWS

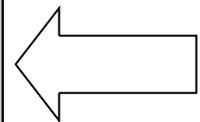
Larry AD7GL seemed to get a kick out of this add.

“Hey Guys, how about this for an oxymoron?”



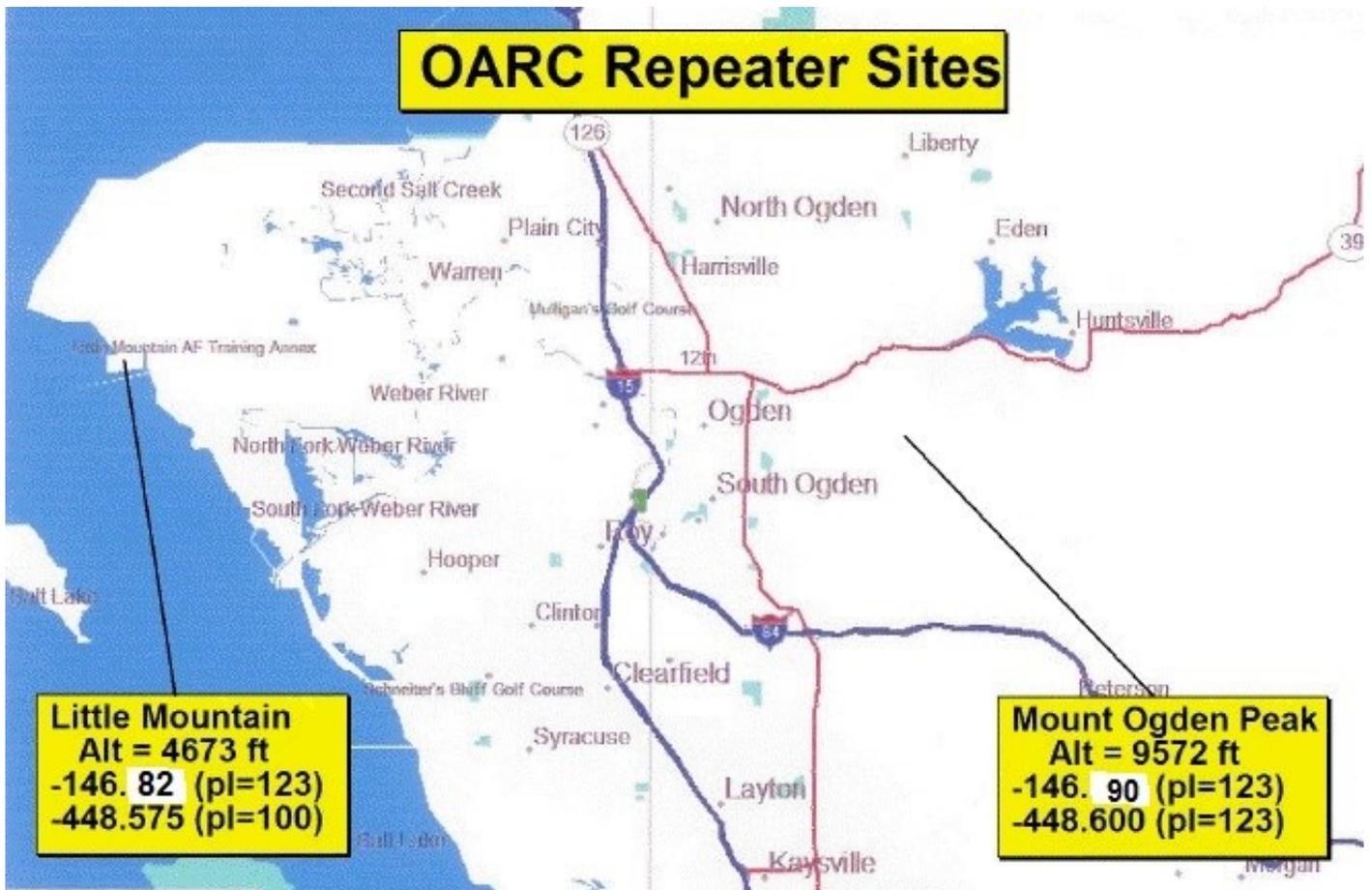
The screenshot shows the Wouxun website with the following elements:

- Header:** Wouxun logo and tagline "Professional Manufacturer of Two Way Radios! Wireless Networking Solutions!".
- Navigation:** HOME, ABOUT US, PRODUCTS, NEWS, SERVICES, DOWNLOAD, CONTACT US.
- Hero Image:** "Super signal, zero distance communication" with a city skyline background.
- Left Sidebar (PRODUCTS):**
  - Repeater Station KG-R68
  - Repeater Station KG-B55
  - Repeater Station KG-B33
  - Two Way Radio KG-UV8D
  - Two Way Radio KG-UV999
  - Two Way Radio KG-929
  - Two Way Radio KG-879
  - Two Way Radio KG-859
  - Two Way Radio KG-UV950P
  - Two Way Radio KG-UV920P
  - Two Way Radio KG-UV6D
  - Two Way Radio UV6D(PRO)
  - Two Way Radio KG-818
  - Two Way Radio KG-829
  - Two Way Radio KG-889
  - Two Way Radio KG-869
  - Two Way Radio KG-UV01P
  - Two Way Radio KG-816
  - Two Way Radio KG-819
  - Two Way Radio KG-833
  - Two Way Radio KG-819
  - Two Way Radio KG-839P
- Main Content Area:**
  - Section: "Professional VHF or UHF Handheld Two-way Radio"
  - Product Name: **KG-818**
  - Buttons: Product Description, Product Appearance, Main Feature, Product Specifications, Accessories, Related Product.
  - Call to Action: "Click To Buy" button.
  - Text: "Professional two way radio", "DTMF encode and decode", "Wide narrow bandwidth selection, beyond the modern transceiver."
  - Image: A black KG-818 handheld radio with a "MENU" button and a "GPS" icon.



# REPEATER NEWS

## OARC Repeater Sites



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.**

### Actor Tim Allen Gets His Ham Ticket For Real

Actor and comedian Tim Allen now not only plays an Amateur Radio operator on television, he *is* one! Allen got his Technician ticket on September 4, but did not release the news until this week. In his weekly ABC comedy TV show "Last Man Standing," Allen plays Mike Baxter, KA0XTT, and the show, which starts its new season October 3,

has featured ham radio in some episodes (Allen's TV wife Mandy Baxter is KFOXIE). "Last Man Standing" producer John Amodeo, NN6JA, told ARRL that the agreement with Allen was that "we would not publicize his license until he approved it." Allen subsequently revealed to Tom Medlin, W5KUB, for one of Medlin's webcasts that he had passed his Technician license test but, per Allen's request, did not mention his call sign, Amodeo said. The call sign has since been disclosed elsewhere.



Newly licensed Tim Allen in his role as Mike Baxter, KA0XTT, on the TV comedy "Last Man Standing." With him is Flynn Morrison, who plays his grandson on the show. The station on the set actually works. [Photo courtesy of John Amodeo, NN6JA]

"The Amateur Radio operators on the crew of 'Last Man Standing' are delighted that Tim has taken and passed his Technician exam and received his own, real call sign," Amodeo said. "It took more than 3 years to make it happen, and it started with Tim's personal interest in radio technology and his request to make the Mike Baxter character an Amateur Radio operator." The ham shack on the show is a working station.

More than 2 dozen members of the "Last Man Standing" crew -- and now Allen, its star -- have been inspired by the show's Amateur Radio component to get licensed. On September 28, the K6H "Hollywood Hamnado" special event station was on the air, with "Last Man Standing" crew members at the helm from the show's set.

Amodeo said K6H went very well. "We had about 35 operators and guests on Stage 9 here at CBS Studio Center" he told ARRL. "All enjoyed being on the set of 'Last Man Standing.' The feeling was like a Field Day and a mini Hamvention." Amodeo said that all six K6H stations had "continuous contacts from start to finish."

Most of the K6H event and several interview segments, including one with the VEs who administered Allen's test, have been posted on [Medlin's website](#).

Amodeo expressed gratitude to the ARRL for its "continued support," starting with the assistance of former ARRL Media and Public Relations Manager Allen Pitts, W1AGP, in the creation of the KA0XTT call sign and the more recent assistance of ARRL VEC staffers Maria Somma, AB1FM, and Amanda Grimaldi, KB1VUV.

"We hope Tim will find Amateur Radio to be an enjoyable and useful hobby for many years to come," he added.

## HOBBY NEWS

Is this cool or what?





## **New \$21.40 Vanity Call Sign Fee Now in Effect**

09/15/2014

The new Amateur Service vanity call sign regulatory fee of \$21.40 became effective on September 11. The FCC released a *Report and Order and Further Notice of Proposed Rulemaking* ([R&O](#)) on August 29, in which it recalculated the fee to \$21.40 for the 10-year license term. The \$5.30 increase represents the largest vanity fee hike in many years. In past years, new vanity fees did not become effective until 30 days after their publication in [The Federal Register](#), which occurred on September 11.

The FCC reported there were 11,500 “payment units” in FY 2014, and that the vanity program generated an estimated \$230,230 in FY 2013 revenue. The Commission estimated that it would collect nearly \$246,100 in FY 2014 vanity call sign fees.

The vanity call sign regulatory fee is payable when applying for a new vanity call sign or when renewing any vanity call sign designated as “HV” in the FCC’s ULS database.

As of October 1, 2013, the Commission no longer accepts checks — including cashier’s checks — for the payment of regulatory fees. All payments must now be made by online ACH payment, online credit card, or via wire transfer. Any other form of payment will be rejected and returned to the applicant.

Kenwood announced to its dealers today that TS-590S production has ceased. The \$200 instant rebate remains in effect through December 31, but we anticipate being sold out of our remaining stock before the end of October.

Often considered the best value for a sub \$1,500 HF rig, the TS-590S had some big shoes to fill as the successor to the great TS-570 but quickly made its own reputation as a top-of-the-line receiver at an entry level price. Up until last week, the TS-590S sat at number 12 on SEI's list of receivers (ranked by third-order dynamic range narrow spaced), above radios costing 8 to 10 times the 590's current price point of just \$1,249 and free shipping at GigaParts.





## News Release

JVCKENWOOD

JVCKENWOOD Corporation

October 2, 2014

### New TS-590SG HF/50MHz Transceiver Carrying on the Tradition of KENWOOD Radio to be launched next month

JVCKENWOOD Corporation has announced the launch of the new TS-590SG of HF/50MHz transceiver\*1, the latest KENWOOD spread-class model, in Japan and the rest of the world in November 2014.

\*1: An Amateur Radio license is required to operate.

Product name	Model	Launch
HF/50MHz Transceiver (100W)	TS-590SG	Nov. 2014



#### Product background and outline

TS-590S has been put on the HF amateur radio market in October 2010, and has been enjoying a good reputation by its high reception, high performance and reasonable pricing.

HF/50MHz transceiver "TS-590SG" to be launched in the market as a successor of TS-590S, has brushed up its basic performance and functions to meet customers' demands.

## GUEST ARTICLE by KB6NU

### Twitter: another tool in the ham radio toolbox

It all starts innocently enough. You get a computer to do your logging, and before you know it, you're working digital modes. Then, you snake an Ethernet cable down to the shack or connect to your wireless router. Pretty soon, you can't do without having a browser window open to one of the DX clusters or ReverseBeacon.Net or QRZ.Com or all three simultaneously.

Well, now's there another Internet service that I can't do without down in the shack: Twitter! I get on Twitter all the time now when I'm in the shack, and I love it. It's truly enhanced my amateur radio experience.

One of the ways it's done this is by bringing me all kinds of interesting technical information. I not only follow @hackaday and @DIYEngineering, and @EDN.Com, but a bunch of hams who are doing fun things. I hate to list some, for fear of leaving some out, but I will give a shout out to @NT7S, @AA7EE, @mightyohm, @caulktel, @LA3ZA. There's even @HiramPMaxim (the P stands for "parody"). If you go to my blog at KB6NU.Com and search for "From my Twitter feed," you'll find links to some of the most interesting Tweets that have found their way to me.

I'm also following a couple of amateur radio retailers. Today, for example, @DXEngineering is offering \$55 off the RigExpert AA-54 Antenna Analyzer.

I also use it to get information about weather conditions and band conditions. For example, I follow @edvielmetti, who is KD8OQG. He's always tweeting about local severe weather. A Tweet from him gets me to turn on my 2m radio to monitor the local SkyWarn net.

As far as band conditions go, I throw out a Tweet, asking about band conditions, and in seconds, I'll get reports from my followers here in the U.S. and around the world. I try to do my part as well. When I fire up the rig, I'll Tweet out a report of how the bands seem to me.

While all of this is great, it's really all about the people. I currently have more 2,200 followers and I follow more than 900. I would never have met some of these hams if it wasn't for Twitter, and I have since worked several of them on the air after first meeting them on Twitter. Last May, we had a "Tweetup" at the Dayton Hamvention. There were at least 20 of us there. How cool is that?

Twitter isn't for everyone, but I'd encourage you to give it a try. I'm having a lot of fun on Twitter, and I think you will, too. If you do set up a Twitter account, please follow me, @kb6nu. If you mention that you read this column, I'll be sure to follow you back.

# 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.

## Club Badges

OARC Club badges are available for all club members and non-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 see them 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 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 all future e-newsletter release notices and much more.

You can also send notices to 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.

## ANNOUNCEMENTS

### Next Club Meeting:

**3<sup>rd</sup> Saturday of each Month**

The Ogden Amateur Radio Club meetings are usually held on the **3<sup>rd</sup> 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](http://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 12<sup>th</sup> Street Ogden Utah

### Contact: VE Liaison:

**Rick Morrison W7RIK** (Liaison)

[morrisonri@msn.com](mailto: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](http://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.

<b>OARC REPEATERS</b>			
FREQ	CLUB	TO NE	LOCATION
146.900-	OARC	123.0	Mt Ogden
448.600-	OARC	123.0	Mt Ogden
146.820-	OARC "Talk-in"	123.0	Little Mtn (w/auto patch)
448.575-	OARC	100.0	Little Mtn (w/auto patch)

<b>OTHER AREA REPEATERS</b>			
FREQ	CLUB	TON E	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	<a href="http://ogdenarc.org">ogdenarc.org</a>	3 <sup>rd</sup> Saturday 09:00 am	Check OARC web site ...
WC ARES	<a href="http://ogdenarc.org/join.html#ares">ogdenarc.org/ join.html#ares</a>	2 <sup>nd</sup> Thursday 06:30 pm	Weber Co. Library Ogden Utah
WC Sheriff Comm-O		1 <sup>st</sup> Saturday 10:00 am	Weber Co. Sheriff Complex West 12 <sup>th</sup> Street Ogden Utah
Barc	<a href="http://barconline.org">barconline.org</a>	2 <sup>nd</sup> Saturday 10:00 am	Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut
CSERG	<a href="http://dcarc.net/ares.htm/">dcarc.net /ares.htm/</a>	Last Wednesday 8:30pm	Clearfield City Hall Clearfield Utah
DCarc	<a href="http://dcarc.net">dcarc.net</a>	2 <sup>nd</sup> Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	<a href="http://home.comcast.net/~noutares/">home.comcast.net/ ~noutares/</a>	3 <sup>rd</sup> Wednesday 7:00 pm	Cache Co. Sheriff Office Logan Utah
Uarc	<a href="http://xmission.com/~uarc/">xmission.com /~uarc/</a>	1 <sup>st</sup> Thursday 7:30 pm	UofU EMC Bldg Room 101 Salt Lake City Utah
GSarc	<a href="http://Ubetarc.org">Ubetarc.org</a>	Check Website	Check Website
Utah DX Association	<a href="http://udxa.org">udxa.org</a>	3 <sup>rd</sup> Wednesday check web page for details	check web page for details Salt Lake City area
UvhfS	<a href="http://ussc.com/~uvhfs/">ussc.com /~uvhfs/</a>	Each Tuesday 8:00 pm (refer to web site)	Weekly 2 meter net (no eye ball meetings)
WDArc	<a href="http://westdesertarc.org/">westdesertarc.org/</a>	1 <sup>st</sup> Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	<a href="https://groups.google.com/forum/#!forum/wsuarc">https://groups.google.com/forum/#! forum/wsuarc</a>	3 <sup>rd</sup> 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 <b>HF LSB</b>
Daily @ 07:30 PM mt	Utah Code net HF	3.570 Mhz <b>HF CW</b>
Daily @ 02:00 UTC	Utah Farm net HF	3.937 Mhz <b>HF LSB</b>
Sunday @ 8:45 AM	Ogden Old Timers HF net	7.193 Mhz <b>HF LSB</b>
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 <b>2-meter USB</b>
<b>Tuesday @ 8:00 PM</b>	<b>Weber ARES</b>	<b>448.600 - 123.0</b>
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 <b>HF USB</b>
Wednesday @ 9:00 PM	6-meter SSB net	50.125 Mhz <b>6-meter USB</b>
Thursday @ 6:30 PM	Davis Co Elmers Net	147.040 + 123.0 <b>New Hams</b>
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 <sup>rd</sup> 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 <b>HF LSB</b> 3 <sup>rd</sup> Saturday – odd months only
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz <b>HF LSB</b>

## OARC OFFICERS

President: Gil Leonard NG7IL

Vice Pres: Jason Miles KE7IET

Secretary: Larry Griffin AD7GL

Treasurer: John Shupe K7DJO

Program Director:  
Pete Heisig WB6WGS

Activity Director:  
Mike Taylor KE7NQH

## "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

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**73 es cul de W7SU**

[www.OgdenArc.org](http://www.OgdenArc.org)