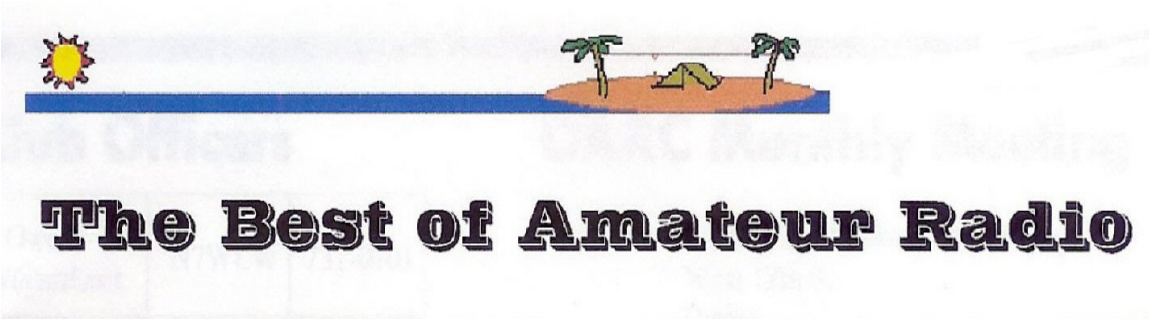




# WATTS NEWS



## OARC e-Magazine

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

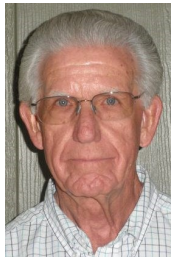
**NOVEMBER 2013**

**Next Club Meeting/Activity**

**3rd Saturday 16 November 2013**

**Topic: High Speed Multi Media (HSMM) - A Broadband Ham Network**

By Mike Groves KD7MG



Larry Griffin AD7GL  
President



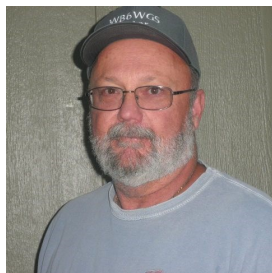
Gil Leonard NG7IL  
Vice President



Gary Hudman KB7FMS  
Secretary



John Shupe K7DJO  
Treasurer



Pete Heisig WB6WGS  
Program Director



Jason Miles KE7IET  
Activity Director



Val Campbell K7HCP  
Webmaster/NL Editor

## **PREVIOUS CLUB MEETINGS**

### **Compromise Antennas**

By Dave Harris – K7PDW

**Date: 3rd Saturday, 19 October 2013**

**Time: 09:00 am**

**Location: Riverdale Fire Station**

See meeting pics below ...

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## **NEXT CLUB MEETING**

### **High Speed Multi Media (HSMM)**

A Broadband Ham Network

By Mike Groves KD7MG

**Date: 3rd Saturday, 16 November 2013**

**Time: 09:00 am**

**Location: Riverdale Fire Station**

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## **OARC COMING EVENTS**

**Family Dinner - 3rd Saturday 21 December 2013**

## MORE CLUB NEWS

Pics from the 19 October meeting ... by K7DJ0

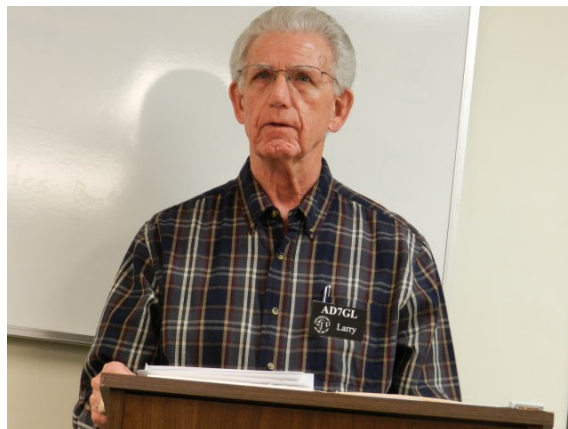


**Dave Harris K7PDW presented ... Compromise Antennas**





## QST's and QRM from LARRY'S SHACK



Larry Griffin AD7GL President



We are looking for a few good Ogden Amateur Radio Club Hams! If you are a General Class or Extra Class license holder, we could sure use your help. We need a few more good team mates to add to our fine V.E. Team. The job only requires two or three hours for three or four times a year. It is an excellent and rewarding way to give back to the hobby. The fun is in being able to see the excitement when a new Ham passes the Technician test or when a Ham passes a license upgrade. If you can help, we would really appreciate your assistance. Please contact our club VE Liaison, Rick Morrison, W7RIK at [morrison-ri@msn.com](mailto:morrison-ri@msn.com).

Speaking of new hams, I have been thinking a great deal about a letter that appeared on the correspondence page of the November edition of QST Magazine. While I found it difficult to agree with some of the statements in the letter, I felt there may be some perception issues in the mind of new Ham Operators that we have been missing. The letter was written by Sean Cowdry, KJ6TTR. Please let me paraphrase some key points he made.

"many older operators complain about NO Code license requirements and the alleged incompetence of new operators."

"the fact that I don't know Morse code and don't care to know it does not reflect on my worthiness as ham."

"I have occasionally encountered rude behavior on the air mostly from operators licensed for ten years or more."

"I think it is high time these crotchety old timers lighten up"

## **QST'S AND QRM From Larry's Shack**

### **Continued ...**

The Hams I know and associate with are very much the opposite of Sean's statements. Indeed, they go out of their way to encourage and help new operators. Some of the issues here may lie in subtle perception. For instance, in thinking about some conversations with new Hams that I have recently had, I probably spent way too much time talking about CW because I enjoy it. In the future I plan to talk more about the many modes of participation the hobby offers to all of us. The rude behavior and heavy handedness perception may have come from someone trying to correct new operator error over the air. Certainly, that effort would be better received in a private email or phone call.

Anyway, the Hams I know do a great job in promoting the hobby to new Hams. Please keep up the good work. We all know the value of new Hams to future of our hobby.

Coming up: Please mark your calendar for the Annual OARC Family Christmas Dinner. This year's event will be held on Saturday, December 21st. at 6:00 PM. More information to follow.

We are in for an excellent program this month for our November 16th Meeting. Mike Groves, KD7MG will be presenting HSMM Mesh. You will be amazed at this relatively new form of digital ham radio and what it can do. For a preview, read the article on page 68 of the July issue of QST. I will look forward to seeing you in November.

Thanks for taking the time to read this.

73 for now,

Larry

## EDITORIAL

After reading our presidents comments in this edition of Watts News “QST and QRM from Larry’s Shack”, regarding a letter that was written to the November 2013 QST-Letters from Our Members-Correspondence section, I was reminded of how upset I was to read comments from another reader who wrote into the September QST 2013 edition to complain about Amateur Radio web sites, including the ARRL’s website.

Scott Kirshner KG7DSH wrote regarding “Observations of a New Amateur Radio Operator”. He said that “Information is Power but Getting Information is a whole other story”. He complained that “The ARRL web site has way too many links and suggests that the site needs to be reorganized and made more user friendly.” *(Little does he know that it was just recently re-organized.)*

**Okay, this is where I become offended...** He went on to say “Other Amateur Radio related web sites are often arranged like they were created in the late 80’s or early 90’s” *(I doubt it Scott, that was the time period of the very infancy of the internet and was probably before he was even born.)* “Often there is good information but the presentation is lacking.” He suggests “If you cannot find what you are looking for within 30 seconds you will leave the website and move on. We live in an information-driven society and the presentation of the message in Amateur Radio should be improved.”

### **Okay Scott, now I’m really MAD!**

Why is it that today’s “e-toy” operators feel like when they browse that they need to be continually entertained. I say that if you are not willing to spend more than 30 seconds to find what ever it is that you think you are looking for then go ahead and move on. See if I care! Did you ever stop to consider that most Amateur Radio related web sites are NOT professional websites and are not in existence to entertain the viewers.

## EDITORIAL Continued ...

They are usually created by volunteer web masters that are trying to disseminate information to its viewers that would not otherwise be available to others. These web sites do not have anything to sell and are “not-for-profit” organizations and clubs without a budget for professional web designers.

Of course I guess we could go ahead and spend \$millions\$ and have the same professional Canadian web site designers that did the Obama Health Care website redo our web site but then would be really be better off. Off the air would be more likely.

Scott, the preceding has been “My Observations of a Old Amateur Radio Operator” and current volunteer web master of our local Amateur Radio Club.

Sorry for my ranting but I feel so much better now.

Val Campbell K7HCP



# OARC MEMBERSHIP DRIVE

## WE NEED YOUR SUPPORT

If you missed attending the OARC Steak Fry, elections and membership enrollment activity in August ... don't forget to signup/renew your OARC membership now which runs August to August.

## SUPPORT YOUR RADIO CLUB

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### HAM FACTS

Next Licensing Class ...

*Technician-Class Licensing Session (one day crash course)*

Saturday 25 January 2014: 8:00 AM to 3:00 PM

(Special VE Test Session to follow @ 3 PM)

The class will use the KB6NU *No-Nonsense Technician-Class*

*License Study Guide* which can be found at

[www.KB6NU.com/tech-manual](http://www.KB6NU.com/tech-manual)

More information follows ...

## CLUB NEWS

### ***Amateur Radio Technician License Class January 25, 2014***

The [Ogden Amateur Radio Club](#) will be holding a one day Technician licensing class beginning at 8:00 am January 25, 2014. This will be a one day cram style class lasting until about 3:00pm. Students are expected to prepare before class. Preparation instructions are below. There is no cost for this class. Testing for licensing will follow immediately after class and is \$14.00.

Location:

Weber County Sheriffs training room.

721 W. 12<sup>th</sup> Street, Ogden Utah

8:00 am to 3:00 pm

Students should prepare for this class by:

Reading the “KB6NU No Nonsense Technician Study Guide” before class begins. A copy can be downloaded for no charge here. [Study Guide](#)

Read the Part 97 rules, found here. [Part 97 Rules](#)

Take a practice test, found here. [Practice Test](#)

Print a copy of the ARRL Band Plan, found here. [ARRL Band Plan](#)

Familiarize yourself with the Utah VHF Society Band Plan and Utah Repeater list, found here. [Utah VHF/UHF Band Plan](#) [Repeater List](#)

Testing will begin at 3:00 pm. Those wishing to test will need the following:

Two forms of ID, one must be a photo ID

Federal Registration Number (FRN), or a social security number. FRN available here. .

[FRN Number](#)

\$14.00 test fee; cash preferred, checks ok, no credit cards.

Those wishing to upgrade must have any CSCE's or original unexpired license.

Contact Gil Leonard NG7IL with any questions and to save your spot. [ng7il@arrl.net](mailto:ng7il@arrl.net)

## CLUB NEWS continued ...

### Links

#### [Ogden Amateur Radio Club](#)

<http://www.ogdenarc.org/>

#### [Study Guide](#)

[http://www.kb6nu.com/wp-content/uploads/2010/06/2010\\_Tech\\_Study\\_Guide.pdf](http://www.kb6nu.com/wp-content/uploads/2010/06/2010_Tech_Study_Guide.pdf)

#### [Part 97 Rules](#)

<http://www.ecfr.gov/cgi-bin/text-idx?>

[c=ecfr&SID=336ab7469b61ecbfa15086dbf1bf2c59&rgn=div5&view=text&node=47:5.0.1.1.6&idno=47#47:5.0.1.1.6.1.157.1](http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&SID=336ab7469b61ecbfa15086dbf1bf2c59&rgn=div5&view=text&node=47:5.0.1.1.6&idno=47#47:5.0.1.1.6.1.157.1)

#### [Practice Test](#)

<http://aa9pw.com/radio/>

#### [ARRL Band Plan](#)

[http://www.arrl.org/files/file/Regulatory/Band%20Chart/Hambands\\_color.pdf](http://www.arrl.org/files/file/Regulatory/Band%20Chart/Hambands_color.pdf)

#### [Utah VHF/UHF Band Plan](#)

<http://utahvhfs.org/bandplan1.html>

#### [Repeater List](#)

<http://utahvhfs.org/rptr.html>

#### [FRN Number](#)

<https://apps.fcc.gov/coresWeb/publicHome.do>

## CLUB NEWS

Congratulations to the following hams that successfully tested/upgraded at the October Weber County VE Test Session on 02 October 2013.

|                     |        |         |
|---------------------|--------|---------|
| Allen, Hugh R.      | N7HRA  | Extra   |
| Nilson, Randall     | KF7YYQ | Extra   |
| Powelsen, George F. | KC7NXB | General |
| Bates, Paul         | KG7FTX | Tech    |
| Gossner, Dana       | KG7FUB | Tech    |
| Heiner, Douglas     | KG7FUA | Tech    |
| Lott, John          | KG7FUD | Tech    |
| Robinson, Donald    | KG7FTY | Tech    |
| Trujillo, Ausha     | KG7FTZ | Tech    |

The government, including the FCC, went back to work so we now have the new issue call signs.

## CLUB NEWS

Congratulations to the following hams that successfully tested/upgraded at the October Weber County VE Test Session on 18 October 2013.

|                      |        |         |
|----------------------|--------|---------|
| Williams, Gaylen     | KC7FHN | General |
| Christensen, Douglas | KG7GGK | Tech    |
| Cook, Allen V        | KG7GGH | Tech    |
| Grover, Andrea L     | KG7GGI | Tech    |
| Johnson, Seth E      | KG7GGJ | Tech    |



# MORE CLUB NEWS

## Mount Ogden Repeater Site

Submitted by Scott Willis KD7EKO

This is the **3rd** of several pictures in a series at Mt Ogden repeater site during a recent visit to the site to do necessary repairs.



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.**

# 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 September - August.

Consider the OARC Family plan for \$23.

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

## Club Badges

OARC Club badges are still available for all club members and non-members.

The cost is \$8.00 each. You can order the badge with either a "PIN" clip or 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. See example below.



Place your order along with \$8.00 in advance for each badge ordered and specify Pin or Magnet style fastener, Call Sign and First Name. Contact any club officer via email or see them at the next club meeting.

See web site [www.ogdenarc.org](http://www.ogdenarc.org) "Club Officers" page.

## 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**.



## **FCC Turns Away Petition to Expand Technician 10 Meter Privileges**

The FCC has dismissed a [Petition for Rule Making](#) that sought to expand Technician privileges in the 10 meter band. The Toledo Mobile Radio Association ([TMRA](#)) had asked the Commission last June to expand the spectrum available to Technician licensees on 10 meters to include operating privileges in the FM portion of the band, from 29.520 to 29.700 MHz. Novice and Technician licensees now may operate on 10 meters from 28.000 to 28.500 MHz.

"We conclude that TMRA has not presented grounds for the Commission to revisit the question of operating privileges for Technician class licensees," the FCC said October 17 in denying the petition. The FCC said that Technicians may transmit through repeaters licensed to a General class or higher licensee that have an output channel in the 29.5 to 29.7 MHz segment, as long as the repeater has a 2 meter or 70 centimeter input.

Further, the FCC pointed out that the current licensing structure was developed "with the expressed desire of the amateur community to provide an incentive, ie, additional frequency privileges, to motivate Amateur Radio operators to advance their communication and technical skills." The FCC noted that it increased Technician privileges in 2006 to include Novice and Technician Plus privileges. "A Technician class licensee can upgrade to a General class operator license and receive significantly more frequency privileges (including those at issue here) by answering correctly a minimum of twenty-six questions on a thirty-five question written examination," the FCC said. TMRA, the Commission concluded, had submitted no evidence that the FCC should depart from its "long-standing policy of providing additional frequency privileges as an incentive" for license advancement.

TMRA had asserted that amending §97.301(e) of Part 97 would extend Technician voice privileges on 10 meters to "coincide with today's technical advancement of the Amateur Radio Service."



## FCC Fines Former Radio Amateur for Unlicensed Operation on 20 Meters

The FCC has fined Jared A. Bruegman, ex-KCØIQN, of Bolivar, Missouri, \$500 for [transmitting on 14.312 MHz](#) without a license. Last February, the FCC told Bruegman in a *Notice of Apparent Liability for Forfeiture* ([NAL](#)) that it intended to impose a \$10,000 fine, but in a [Forfeiture Order](#) released October 23, the FCC reduced the fine.

"Based on the financial documents provided by Mr. Bruegman," the FCC said in its *Forfeiture Order*, "we find that there is a sufficient basis to reduce (but not cancel) the forfeiture to \$500." Responding to the earlier *NAL*, Bruegman had claimed the \$10,000 forfeiture would "bankrupt" him, and he requested the FCC cancel the sanction altogether.

The FCC cautioned Bruegman that inability to pay is only one factor in its forfeiture calculations. "In this regard, we have previously rejected inability to pay claims in cases of repeated or otherwise egregious violations," the Commission said. "Therefore, future violations of this kind may result in significantly higher forfeitures that may not be reduced due to Mr. Bruegman's financial circumstances."

The FCC said it affirmed the finding outlined in the earlier *NAL* that Bruegman had violated Section 301 of the Communications Act of 1934. FCC agents in December 2012 observed an unlicensed radio transmitter operating on 14.312 MHz from a residence in Bolivar. Bruegman, the only person at home at the time, admitted to owning the radio transmitting equipment. "Based on the record evidence, which Mr. Bruegman does not dispute, we conclude that Mr. Bruegman willfully violated Section 301 of the Act by operating radio transmission equipment without the required Commission authorization," the FCC concluded.

The FCC gave Bruegman 30 days to pay or make arrangements to pay the fine or have his case referred to the US Department of Justice for enforcement.

Bruegman had held a Technician class license from 2000 until 2010, when it expired. Bruegman did not renew the license, and it was deleted in 2012.



## GUEST ARTICLE by KB6NU

Uno, Dos, Tres...

If you have done any amount of listening to shortwave radio outside of the ham bands, you have undoubtedly run across "numbers stations." The broadcasts from these stations consist streams of numbers or letters, often in a computer-generated female voice speaking in Spanish. Every now and then, a numbers station pops up on 30m, sending five-character groups in Morse code.

According to the Conet Project (<http://www.irdial.com/conet.htm>), "Shortwave Numbers Stations are a perfect method of anonymous, one way communication. Spies located anywhere in the world can be communicated to by their masters via small, locally available, and unmodified Shortwave receivers. The encryption system used by Numbers Stations, known as a 'one time pad' is unbreakable. Combine this with the fact that it is almost impossible to track down the message recipients once they are inserted into the enemy country, it becomes clear just how powerful the Numbers Station system is."

The Conet Project sells a CD with a number of recordings for \$55, but you can find a bunch of mp3 files at <http://www.archive.org/details/ird059> for free.

Recently there was a thread on the Glowbugs Google Group about numbers stations. One fellow mentioned "The Numbers Station," a movie released earlier this year starring John Cusack. IMDB (<http://www.imdb.com>) says that The Numbers Station is about "a disgraced black ops agent dispatched to a remote CIA broadcast station to protect a code operator. Soon, they find themselves in a life-or-death struggle to stop a deadly plot before it's too late." It's currently available for streaming on Netflix, and I watched it recently. It's kind of violent (lots of people get shot), but it's a decent thriller.

Jim, K6FWT mentioned ENIGMA 2000 (<http://www.apul64.dsl.pipex.com/enigma2000/>). The group's website describes ENIGMA 2000 as "a UK based online group, whose aims are to bring together listeners and enthusiasts who monitor and gather information on 'Number Stations' and other related radio transmissions. Through our Yahoo Group monitors can share their logs, discuss frequencies, thoughts and opinions on this most emotive subject." Jim says, "These folks are SERIOUS enthusiasts. I have heard that they surpass many intelligence services with their thoroughness. You can get in up to your eyeballs if you don't watch it."

These stations have been around since World War II. I remember as a kid in the 1960s and 1970s, reading articles about numbers stations in Popular Electronics and Electronics Illustrated. They're as much of a mystery today as they were back then.

=====

When he's not listening to numbers stations, Dan, KB6NU enjoys working CW on the HF bands and teaching ham radio classes. For more information about his operating activities and his "No-Nonsense" series of amateur radio license study guides, go to KB6NU.Com or e-mail [cwgeek@kb6nu.com](mailto:cwgeek@kb6nu.com).



## FEATURE ARTICLE

### ALERT for Ham Radio License Plate owners.

A funny thing happened on my way to the Department of Motor Vehicles (DMV) when I going to pay my yearly registration fees and taxes for my van.

I had received the standard notice of registration reminder for my Dodge Caravan. It had printed on the card that I owed (in my case) \$108.75. It also said that I needed a safety check and smog testing which I accomplished earlier in the day.

I dutifully wrote out a check for the \$108.75 and drove to the DMV. I went through the drive through and sent in my paperwork and check via the tube delivery system. After a few minutes the clerk informed me that I owed \$10.00 more and he didn't understand why it wasn't printed on the card. After a few minutes of talking back and forth I told him that it didn't seem right to charge me the extra \$10.00 which he said was the yearly amount that they charged for "personalized plates". I told him to send my check back out to me and I sent in my credit card to get the transaction over with. He completed the transaction and sent out my new stickers for next year.

I exited the drive through, parked my van and immediately went inside to consult a supervisor why this had happened. I have been living in Utah for about eight years now and this had not been charged before except the **first**-time cost I paid when I first got my ham radio plates.

The receptionist girl who gives out the electronic scheduling slips for service at their windows asked me to step aside and she would look it up for me. Six or so people behind me were given slips and took their seats to wait. When the nice girl looked up the information concerning Amateur Radio plates it said, in black and white, that there should be no extra fees. She then said that I needed to see a supervisor and gave me a ticket to also wait in line. I waited about 15 extra minutes before getting up to a window. The clerk took my paperwork back to a supervisor and both came back to the window. They had voided my credit card payment showing the extra \$10.00 and redid my paperwork to show the proper amount. I gave them back the original check that I had written.

While waiting at the window however, in walks Jim Southwick, N7JS. I called him over and told him of the situation. The plot deepened when he told me that he was trying to reregister his vehicle on-line with his call sign license plate and found that the price was \$10.00 higher than if he were to come into the DMV in person. He had forgotten to include his Safety and Smog certificate with his original submission and had come in to take care of it face-to-face.

While at the window, I specifically told the supervisor about Jim's experience with the extra \$10.00 showing on-line. She told me that the DMV had just put in a new computer system and there appeared to be a bug that related to our situation. The system was treating all ham radio plates the same as "personalized plates" and they were looking in to the problem. The supervisor told me that she was going to send an email to all the employees so they wouldn't make the same error again.

So, if you have ham radio plates and want to renew your registration, be aware of the glitch and explain that you do not have to pay extra each year. It would be nice that if any of you renew your registration and all goes well, you might want to send a notice via Yahoo Groups to let all know that the glitch has been corrected.

TNX

Kent Gardner, WA7AHY

# 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: **-146.90 (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** [morrison-ri@msn.com](mailto:morrison-ri@msn.com)

(Liaison)

(801-791-9364)

**Jason Miles KE7IET**

(IT)

**Mary Hazard W7UE** [w7ue@arri.net](mailto:w7ue@arri.net)

(advisor)

**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              | TONE  | LOCATION                     |
| 146.900-              | OARC<br>"Talk-in" | 123.0 | Mt Ogden                     |
| 448.600-              | OARC              | 123.0 | Mt Ogden                     |
| 146.820-              | OARC              | 123.0 | Little Mtn<br>(w/auto patch) |
| 448.575-              | OARC              | 100.0 | Little Mtn<br>(w/auto patch) |

| <b>OTHER AREA REPEATERS</b> |                  |       |                 |
|-----------------------------|------------------|-------|-----------------|
| 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   |
| ATV                         | UARC             | Ch-58 | 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   |
| 448.825-                    | IRLP/<br>Echo    | 123.0 | Clearfield City |
| 449.950-                    | IRLP             | 123.0 | Clearfield City |
| 449.425-                    | IRLP             | 100.0 | Nelson Peak     |
| 147.360+                    | Summit<br>County | 100.0 | Lewis Peak      |

## AREA CLUB MEETINGS & WEB SITES

| CLUB                   | WEB SITE                        | DATE/TIME   | LOCATION   |
|------------------------|---------------------------------|---|--|
| OgdenARC               | ogdenarc.org                    | 3 <sup>rd</sup> Saturday 09:00 am                       | Check OARC web site ...  |
| WC ARES                | ogdenarc.org/<br>join.html#ares | 2 <sup>nd</sup> Thursday 06:30 pm                       | Weber Co. Library<br>Ogden Utah                                      |
| WC Sheriff<br>Comm-O   |                                 | 1 <sup>st</sup> Saturday 10:00 am                       | Weber Co. Sheriff Complex<br>West 12 <sup>th</sup> Street Ogden Utah |
| Barc                   | barconline.org                  | 2 <sup>nd</sup> Saturday 10:00 am                       | Cache Co. Sheriffs Complex<br>200 North 1400 West Logan Ut           |
| CSERG                  | dcarc.net<br>/ares.htm/         | Last Wednesday 8:30pm                                   | Clearfield City Hall<br>Clearfield Utah                              |
| DCarc                  | dcarc.net                       | 2 <sup>nd</sup> Saturday 10:00 am                       | Davis Co. Sheriff Complex<br>Farmington Utah                         |
| NU Ares                | home.comcast.net/<br>~noutares/ | 3 <sup>rd</sup> Wednesday 7:00 pm                       | Cache Co. Sheriff Office<br>Logan Utah                               |
| Uarc                   | xmission.com<br>/~uarc/         | 1 <sup>st</sup> Thursday 7:30 pm                        | UofU EMC Bldg Room 101<br>Salt Lake City Utah                        |
| GSarc                  | Ubetarc.org                     | Check Website   | Check Website  |
| Utah DX<br>Association | udxa.org                        | 3 <sup>rd</sup> Wednesday<br>check web page for details | check web page for details<br>Salt Lake City area                    |
| UvhfS                  | ussc.com<br>/~uvhfs/            | Each Tuesday 8:00 pm<br>(refer to web site)             | Weekly 2 meter net<br>(no eye ball meetings)                         |
| WDArc                  | westdesertarc.org/              | 1 <sup>st</sup> Tuesday 7:00 pm                         | Tooele County Courthouse Tooele Utah                                 |
| WsuArc                 | arcweber.edu                    | 3 <sup>rd</sup> Thursday 5:30 pm                        | WSU Blding #4 Room ?<br>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           | 147.060 = simplex   |
| 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      | CSEARG                  | 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<br>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><br>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: Larry Griffin AD7GL

Vice Pres: Gil Leonard NG7IL

Secretary: Gary Hudman WB7FMS

Treasurer: John Shupe K7DJO

Program Director:

Pete Heisig WB6WGS

Activity Director:

Jason Miles KE7IET

## "WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

## OTHER CLUB APPOINTMENTS

Webmaster: Val Campbell K7HCP

Equipment Manager: Val Campbell K7HCP

Historian/Librarian: Kent Gardner  
WA7AHY

Photographer: John Shupe K7DJO

QSL Manager: John Shupe K7DJO

Repeater Engineers: Mike Fullmer KZ7O  
Scott Willis KD7EKO

VE Liaison: Richard Morrison W7RIK  
Jason Miles KE7IET (IT)  
Mary Hazard W7UE (advisor)

Advisors: Stan Sjol W0KP  
Mike Fullmer KZ7O  
Kent Gardner WA7AHY  
Kim Owen KO7U  
Dave Woodcock WY7P

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**73 es cul de W7SU**

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