



# WATTS NEWS



**The Best of Amateur Radio**

## OARC e-Magazine

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

**JULY 2019**

Next Club Meeting/Activity

**"T"-Hunt Activity**



Dave Mamanakis KD7GR

President



Mike Taylor KE7NQH

Vice President



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Jerry Cottrell KG7IGW

Treasurer



Gil Leonard NG7IL

Program Director



Bob Smith KG7EIZ

Activity Director



Val Campbell K7HCP

Webmaster/NL Editor

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**PREVIOUS CLUB MEETING/ACTIVITY**

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**June Activity**

**ARRL Field Day**

**Sat 22 & Sun 23 June 2019**

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**NEXT CLUB MEETING/ACTIVITY**

**July Activity**

**OARC "T"-Hunt**

**Sat 20 July 2019**

**8:00 AM**

**145.41 Mhz**

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## PREVIOUS MEETINGS PICS

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Photos by Rick Hansen N7EGA



Photos by Tim Samuelson KE7DOA



Photos by Ceva Cottrell W7CVA

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**See complete collection of FD 2019 photos on the club web site.**

















## Field Day Satellite QSO

**KOUSA** (6 foxtrot Nebraska, EN11)

at Sunday 23 June 2019, 1759 UTC with

**W7SU** (2 alpha Utah, DN41).

**Operator: John Metcalf KE7VVT**



**See complete collection of FD 2019 photos on the club web site.**

## Dave's Rag Chew



**Dave Mamanakis KD7GR**

Happy Summer!

I'd like to thank you all for coming out to Field Day! We had a good showing! Ribs, Burgers, Dogs, lots of extras... and Radio Operating for 24 hours... what could be better?

We'll post how we did in the rankings when that information comes out. While we aren't the "diehard" contesters that some teams are, we usually don't do terrible. This year we got some extra points for things like:

- 1) Having a Field Day Safety Officer (Thanks Tim!)
- 2) Having an Elected Official come by...
- 3) We had a GOTA station...

And a variety of other things that we'll count up and turn in!

I had a lot of fun, and I hope y'all did too!

Next is the T-Hunt...

We'll be using our little Transmitter, hidden somewhere in Weber County, and at 8am, we'll turn it on and start the hunt!

If you haven't done it before, no big deal! Give it a try! Follow along! Go with someone else! Why? BREAKFAST!!!

Bacon, Eggs, Pancakes... or maybe my famous scrambled breakfast burritos?

Bob has been working on finding a little known park, or, in some way, throwing a curve ball... we don't want it to be too easy ... And, we'll give hints...

Don't forget... the first to find the Transmitter also gets \$25...

3<sup>rd</sup> Saturday, July 20<sup>th</sup> ... the T-Hunt frequency is 145.41 MHz, and we'll be using the 146.900 MHz for communications.

Also, keep in mind that we have elections coming up for the Club Officers! If you want to run for an office or want to be considered for a position with the Club, CONTACT us!

Send us your name and what you would be willing to help us with!

A list of our current officers is here:

<http://ogdenarc.org/officers.html>

We have both elected and appointed positions you can help with, so if anything looks interesting to you, and you'd like to help out, let us know! This Club wouldn't exist without the volunteers we have!

Lastly, you may have seen some concerning news about CEPT (European Conference of Postal and Telecommunications Administrations) trying to take away the 2 meter band?

(reassigning the 144 – 146 MHz block as a primary Aeronautical Mobile Service)

**DON'T WORRY ABOUT THIS!!!**

This is for CEPT Region 1 only, we are in Region 2.

The FCC has no plans to alter our current 2 meter allocations.

If, however, you are worried about what the FCC **IS** doing, please comment on the FCC actions, email the ARRL (or, simply, Join the ARRL), and contact your elected representatives! And remember, be respectful. Your concerns will go much further if you have a reasoned, sound argument, and you use respectful language in your correspondents.

<http://www.arrl.org/news/fcc-invites-comments-on-amateur-radio-related-petition-for-rule-making>

<http://www.arrl.org/news/fcc-invites-comments-on-arrl-technician-enhancement-proposal>

Ok, that is all I have this month!

Thanks for being a Great Club! And we'll see you at the T-Hunt for Breakfast!

Dave, KD7GR



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## OARC COMING EVENTS

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### **Next Activity**

### **OARC "T"-Hunt**

More details on the following page.

### **Next VE Test Session**

1st Wednesday 02 October 2019 @ 6:00 PM

**[At the Sheriff's Office](#)**

## CLUB NEWS

### Next Activity

## **"T" - Hunt + Breakfast in the Park**

**Date: 3rd Saturday, 20 July 2019**

**Time: 8:00 AM start time (start from your home)**

**Location: Weber County (West of Mtns) and will be located in a Park somewhere within the county.**

**Activity: "T" - Hunt followed by Breakfast in the Park (**locate the bunny and then enjoy a free breakfast**)**

**Details: **The bunny will be hiding in one of the PARKS in the greater Ogden area, probably one with a bowery.****

**Over-the-Air Hints: Call in on 146.90 (Mt Ogden repeater) for hints - if you need them. Give Up?: Call in on 146.82 (Little Mountain repeater) for the bunny and breakfast location.**

**FREQUENCY >>> 145.41 MHz simplex : Monitor 146.90 repeater for info**

**Hone your skills at tracking down the location of the hidden transmitter. It will require a bit of skill and will require driving, so bring a designated driver to assist you with the challenging activity. There will be a prize for the first contestant to locate the hidden transmitter.**

**You can hunt the fox with your HT and a paper clip. Hold the unit down close to your chest and pirouette around and find the direction where the signal sounds the weakest. If the signal is full quieting, de-tune the radio 5 or 10 kHz until some noise is heard with the signal. When you have found the direction of weakest-sounding signal, the signal is coming from behind you. This is the direction from which your body provides the most attenuation.**

## CLUB NEWS

### HAM and EGGS Net

Tuesday Evenings at 7:00 PM Mountain Time

Mt Ogden 70 cm repeater 448.600 Mhz (- offset, 123.0 PL Tone)

New, Intermediate & Old Timers. Elmering, Education, General Ham Discussion and Rag Chew.

New hams encouraged to check in. Get connected, learn new things and ask questions.

Questions: Larry Griffin AD7GL, [ad7gl@arrl.net](mailto:ad7gl@arrl.net)

Stan Sjol W0KP, [stansjol@xmission.com](mailto:stansjol@xmission.com)



## CLUB NEWS

**Congratulations to those who successfully tested  
at the June 2019 Weber County VE Test Session.**

<b>NAME</b>	<b>CLASS</b>	<b>CALL</b>
Lesie, Philip Shane	Extra	KJ7EBP
Flinders, Ronald G.	General	KI7VOL
Herring, Leon	General	KI7STK
North, Dean L.	General	KE7BXV
Slaga, Darin M.	General	KJ7HEV
Thorsted, David L.	General	KI7YZT
Berghout, James C. Sr.	Tech	KJ7HFA
Droescher, David	Tech	KJ7HFD
Riches, Crystine L.	Tech	KJ7HFC
Shobe, Braxton	Tech	KJ7HEU
Webster, Jacob J.	Tech	KJ7HFB
Weeks, David P.	Tech	KJ7HEZ
Wilde, Mike	Tech	KJ7HEX
Wittenberg, Donald W.	Tech	KJ7HEY
Wong, Delbert S.	Tech	KJ7HEW

## CLUB NEWS

### ELMER "Mentor" HELP LINE

Do you need the assistance of an Elmer?

An "Elmer" is a Ham Radio "Mentor".

Try our OARC Elmer Help Line.

Describe the nature of your problem via email.

Elmer Help email ([ElmerHelp@ogdenarc.org](mailto:ElmerHelp@ogdenarc.org))

### **"How is this going to work?" you ask!**

The Elmer Help Line email will come to me at the club website.

I will then simply forward it on to all board members.

Anyone wanting to "Play Elmer" can simply reply to the board that they want this one and then contact the requester directly.

73, Val Campbell K7HCP

## **CLUB NEWS**

### **WANTED**

#### **Ham Shack Photos**

**We want you to submit pictures of your ham shack to us for future publication in the club newsletter. Submit home ham shack, mobile ham shack, handheld ham shack. Antennas too.**

**I will keep the submissions anonymous if you prefer.**

**My thinking is that I would publish one-set of ham shack pictures each month with the idea that all viewers could privately try to guess whose ham shack was featured that month.**

**I think it will be interesting to see the wide variety of equipment that each of us has chosen to populate our hobby work space with. This could be invaluable to each of us as we make future decisions about equipment upgrades.**

**Thank you in advance. 73, Val K7HCP**

**Submit to ... [k7hcp@arrl.net](mailto:k7hcp@arrl.net)**

## CLUB NEWS

### www.W7G.org Visits

The OARC Golden Spike Special Event Station, W7G, is held on May 10th each year. This was our 10th year and it was a resounding success. The OARC website for this event is [www.w7g.org](http://www.w7g.org).

I have a website visit counter set up for this URL that tracks the date, time and IP address of all visits to the site. The visit counter was reset to zero when the web site host was moved to the club's Raspberry-Pi3 last October 2018. The visit counter slowly climbed over the following few months until by April 2019 it was at a count of 333.

Then came the May 10th 2019 event. Since then with over 250 W7G QSO's and the 60+ QSL requests that followed, the interest in the website soared. This is the end of June now and the current visit counter is hovering around 4200 visits.

Between our Special Event notice in QST each May and our posting for the special event call sign W7G on QRZ.com, we generated quite a bit of interest this year. Not bad for our 98 year old club.

Congratulations OARC.

By the way, the club website visit counter at [www.ogdenarc.org](http://www.ogdenarc.org) started at zero on April 2005. It is currently sitting at about 160,000. Lately it climbs at a rate of about 2,500 visits per month.

73, Val Campbell K7HCP

# CLUB NEWS

## NEWS YOU CAN USE

At board meeting we were told a story of a licensed ham that forgot to pay attention to their license expiration date. Well, two years past and while operating on the air one day the ham on the other end of the QSO looked up the call sign for the QSO on [www.QRZ.com](http://www.QRZ.com) and noticed that the license had expired and that the ham was operating illegally.

Well, to make matters worse, since it had been expired for over two years, the ham had to start over and retake the Technician class exam all over again and then re-apply for a Vanity call sign to get their original call sign back.

So what's the "news you can use" here ....

Pay attention to your license expiration date. If you don't, I'm quite sure no one else will.

FCC License Search

<https://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>

QRZ.com

<https://www.qrz.com/>

73, Val Campbell K7HCP

## CLUB NEWS

### **OARC's Field Day station #2 will be coming up for sale/auction soon.**

If you have an interest in buying OARC's #2 Field Day Station, ICOM IC-718 + IC-PS15 power supply, it will be coming up for sale/auction soon, at a very special price (for members only please). Contact us at ([OgdenArc@ogdenarc.org](mailto:OgdenArc@ogdenarc.org)) if you are interested!



We plan to sell this ICOM HF Transceiver, with power supply, at our 3rd Saturday August - SteakFry - Elections - Renewal - Auction meeting. Come prepared to place your Blind Auction Bid (minimum bid = \$299). OARC members only and you must plan to use this rig for yourself and not purchase it for resale.

## CLUB NEWS

Jerry KG7IGW, our QSL Manager, received the following message from a very thrilled Golden Spike Special Event QSO contact.

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Val, I received this today and thought you'd enjoy reading it. George is the guy who sent the Phoenix cards. (see below)

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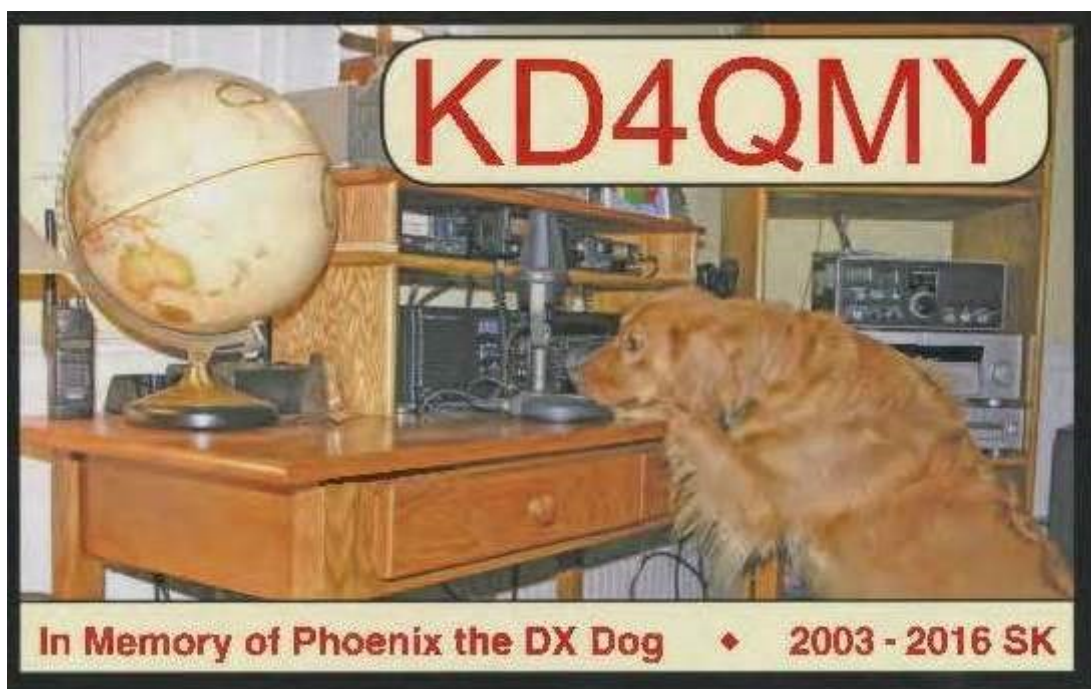
Jerry,

I want to express my thanks to the Ogden ARC for posting those great pictures of the 2019 W7G special event on the club's website. I enjoyed looking at all the pictures and QSL cards received and it was great to see the Phoenix QSLs.

I'll go back and look through the previous years too.

Thanks again and 73 George KD4QMY

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## CLUB NEWS



### The 7<sup>th</sup> Call Area QSO PARTY

## Certificate of Achievement

# 2019 7th Call Area QSO Party

Presented To

# W7SU

## Third Place

7th-Area Multi-Single Low-Power

Operators: KG7LIG. KW7TES KE7DOA AD7GL WØKP

Dick Frey, K4XU  
Contest Manager

AOCC  
CODXC  
NACHO  
RTKCC  
SDXA  
UDXA



Sponsored by The Central Oregon DX Club



# FIELD DAY 2019

## Satellite QSO with K0USA

Operator: John Metcalf KE7VVT

[Satellite QSO movie \(click\)](#)



# CLUB NEWS

## ARRL Field Day Safety Officer Checklist



To qualify for the 100-point Safety Officer bonus (for Class A stations), a group must appoint a qualified person/s who are present at their site from the beginning of set-up until the end of break-down.

This form is NOT intended to be all inclusive.

The Safety Officer/s certify by submitting this form that due diligence was made to provide a safe operation.

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[check (or circle) any/all that apply]

- Safety Officer/s or qualified designated assistant/s was on site for the duration of the event.
- Fuel for generator properly stored.
- Fire extinguisher on hand and appropriately located.
- First Aid kit on hand.
- First Aid - CPR - AED versed else trained participant/s on site for full Field Day period.
- Access to NWS alerts to monitor for inclement weather.
- Tent stakes properly installed and marked.
- Temporary antenna structures properly secured and marked.
- Site secured from tripping hazards.
- Site is set up in a neat and orderly manner to reduce hazards.
- Stations and equipment properly grounded.
- Access to a means to contact police/fire/rescue if needed.
- Safety Officer is designated point of contact for public safety officials.
- Minimize risks and control hazards to ensure no injuries to public.
- As necessary, monitoring participants for hydration and ensuring an adequate water supply is available.

*Tim Lumber* KE7DOA  
signature(s) / call(s)

23 Jun 2019  
date

Revised 2/2019

<http://www.arrl.org/files/file/Field-Day/2019/2019%20Safety%20Officer.pdf>

# CLUB NEWS

## FD 2019 Bonus Points

John Metcalf:

- 1 Satellite contact on Sunday 23 June 2019 at 1759 utc with KOUSA, 6 foxtrot Nebraska, EN11.
- 2 Social media bonus points for using hashtag #arrlfd

Tim Samuelson:

Field Day Safety Officer Checklist

Dignitary Visitor:

West Haven City Council Visit: Stephanie Carlson

ARRL Bulletin:

- 1 Field day bulletin
- 2 ARRL message to section manager

OARC GOTA Station: Pre-adult operators:

- 1 Anna Miller – 1 QSO
- 2 Christopher - 1 QSO

OARC FD Visitors Log:

58 Visitors signed the visitors' log. Does not include the 5:00 PM food QSO crowd.

## CLUB NEWS

### Dignitary—Public Official—Visitor at OARC 2019 Field Day

West Haven City Council: Stephanie Carlson  
Hosted by “Larry Griffin AD7GL”



## HOBBY NEWS

[Ham Band Video - G3WZZ/OZ1XJ/OZ5E](#) <<< **Check this out**

**This definitely is NOT HD, but try to enjoy it anyway.**

# HOBBY NEWS

## Basic Information

Division: [Rocky Mountain](#)

Description: QST

The ARRL Rocky Mountain Division Convention comes to Ogden Utah August 8<sup>th</sup>, 9<sup>th</sup>, and 10<sup>th</sup> 2019.

Registration is now open at the website [www.rmdc2019.org](http://www.rmdc2019.org). More than 1200 are expected to attend this year's convention. All who register on or before May 15<sup>th</sup> will be entered into a drawing for a Yaesu FT D70R dual band handheld.

Bob Heil K9EID, CEO and founder of Heil Sound and host of the Ham Nation podcast, will be the keynote speaker on Saturday August 10th. Howard E. Michel (*pronounced Mickel*) the CEO of the ARRL will be the Friday keynote speaker.

A highlight of the convention is DX University, an all-day workshop taught by some of the best DX operators in the Rocky Mountain West. DX University will be held on Thursday August 8<sup>th</sup> and requires a separate registration.

The convention will feature vendors, forums, a swap meet, test session, a special event station, the infamous Wouff Hong, and much more. You can register and learn more by visiting [www.rmdc2019.org](http://www.rmdc2019.org). You can also find us on Facebook by searching for the "2019 ARRL Rocky Mountain Division Convention.

If you are aware of other events that may be of interest to our hams in Utah Please let me know. Many clubs have new leaders this year and they will need your help to ensure the club and scheduled events are planned and organized, please volunteer to help out!

73 Mel Parkes, NM7P ARRL Utah Section Manager

## HOBBY NEWS



**ARRL 2019 Rocky Mountain Division Conference**

**8, 9, 10 August 2019**

**Shepard Union Building—WSU Campus**

<https://rmdc2019.org/>



## The FCC is Not Reinstating a Vanity Call Sign Fee

05/16/2019

An erroneous report this week suggested that the FCC planned to again impose an Amateur Radio vanity call sign application (regulatory) fee of \$70 for the 10-year term. This incorrect conclusion resulted from an incomplete reading of the May 7 FCC *Notice of Proposed Rulemaking (NPRM)* in the matter of the assessment and collection of regulatory fees for fiscal year 2019.

Although the Schedule of Regulatory Fees does show a \$7 annual fee for Amateur Radio vanity call signs, a boldface heading in that section of the *NPRM* states, “**REGULATORY FEES. This section is no longer in effect as it has been amended by RAY BAUM’S Act of 2018...**” Section 9(e)(2) of RAY BAUM’S Act gives the Commission discretion to exempt a party from paying regulatory fees when the FCC determines that the cost of collection exceeds the amount collected. A new section 9(e)(1) incorporated the Amateur Radio vanity fee exemption from FCC rules into the statute.

The *NPRM* makes clear in several other places that regulatory fees no longer apply to Amateur Radio licenses. The FCC eliminated the regulatory fee for Amateur Radio vanity call signs in 2015.





## Radio Amateur to Lose License as Part of Enforcement Case Settlement

06/18/2019

A New Jersey radio amateur, David S. Larsen Sr., WS2L, of Highland Park, will surrender his Amateur Extra-class license and pay a \$7,500 civil penalty as part of a *Consent Decree* with the FCC to settle an enforcement action. An FCC Enforcement Bureau [Order](#) released June 18 said Larsen violated the Communications Act of 1934 and Part 90 rules by operating on frequencies licensed to the Borough of Highland Park for public safety communication.

As part of the settlement, Larsen agrees that he will admit making the unauthorized transmissions, not engage in unauthorized use of a radio station, and surrender radios in his possession capable of transmitting on the town's public safety frequencies. If the Commission finds that Larsen has made unauthorized radio transmissions or otherwise violates the terms of the *Consent Decree*, he'll be subject to an additional \$32,500 civil penalty. The agreement stipulates that Larsen may not apply for a new Amateur Radio license for 3 years.

The case stems from a May 2018 complaint of unauthorized transmissions on the Highland Park municipal radio system. FCC agents followed up with several visits to the town.

"Based on information provided by the complainant and direct observations by the Bureau's agents, the unauthorized transmissions consisted of brief, pre-recorded sounds (such as the sad trombone sound)," the FCC said in the *Consent Decree*. The FCC said individuals the agents interviewed identified Larsen — a former rescue squad volunteer — as the person who was likely responsible.

Responding to an FCC *Letter of Inquiry*, Larsen subsequently contacted the Enforcement Bureau and related that the unauthorized transmissions had ceased. Last fall, Larsen, responded to the inquiry through counsel to deny making the unauthorized transmissions. [A short time after that, the unauthorized transmissions resumed, and the FCC resumed its investigation, attempting to trace the source of the transmissions. Last March, agents used direction-finding equipment at a fixed location near the complainant's residence, while other agents conducted mobile direction finding of Larsen's vehicle in transit.](#)

"The four agents observed Mr. Larsen pull over to the side of the road on the way to his home," the *Consent Decree* recounts. "The four Bureau agents observed (a) that during the brief stop, Mr. Larsen remained in his vehicle, (b) while stopped, a brief transmission consisting of the sad trombone sound emanated from the direction of Mr. Larsen's vehicle on a frequency licensed for use by the Highland Park Radio System, and (c) following the transmission of the sad trombone sound, Mr. Larsen resumed his drive to his residence."

The FCC said agents returned in April to observe Larsen repeat the earlier behavior, including a similar transmission emanating from Mr. Larsen's vehicle, according to the *Decree*.



## FCC Settles with Massachusetts Pirate Broadcaster

06/12/2019

After filing a civil action and seeking an injunction to stop a church-related pirate radio station from operating in Worcester, Massachusetts, the US Attorney's Office this week reached a settlement with the station's operators, Vasco Oburoni and Christian Praise International Church. US Attorney Andrew E. Lelling and FCC Enforcement Bureau Chief Rosemary Harold announced the settlement on June 10. Oburoni and the church admitted that they had operated an FM broadcast station without a license. According to a consent decree filed on June 10 and subject to court approval, Oburoni and Christian Praise International Church agree not to do so in the future. They also agreed to surrender all of their broadcasting equipment.

"In the event the FCC reasonably suspects that they have violated the Act, the FCC may inspect the premises and seize any broadcasting equipment," an FCC news release said. If the FCC determines that "the defendants" have operated an unlicensed broadcasting station in violation of the settlement, they will be subject to a \$75,000 fine. The FCC received complaints, including one from a licensed broadcaster, that the pirate station was causing interference.

According to the signed consent decree, Vasco Oburoni and Christian Praise International Church admitted that they operated a radio broadcast station in Worcester, on 97.1 MHz, without an FCC license and previously had operated an unlicensed radio station on 102.3 MHz. The FCC had issued multiple warnings and issued a *Forfeiture Order* in the amount of \$15,000 against Oburoni. The FCC said Oburoni agreed to a payment plan but later began broadcasting again without a license on a different frequency.

## FEATURE ARTICLE

by Gil Leonard NG7IL

# Portable Operation

There are a lot of opportunities to get away from the house and participate in outdoor activities. Camping, hiking, off roading, and biking to name only a few. We can include amateur radio in any of these activities.

This is not going to be a how to do it or even advise from an expert. This is only a short example of the way I operated one evening. Hopefully, you will be inspired or encouraged to get out and exercise your privileges. Operating portable does require a little pre planning to ensure you have what you need to meet your objective, yes, there should be a goal.

This adventure started with the desire to check into the Ham and Eggs net sponsored by the Ogden Amateur Radio club. My home station is reasonably comfortable with a soft chair and climate control. Instead, it was time to use some of the equipment I have assembled over the years. Planning and doing are two different animals, it was time to test some ideas.

The deck on the back of the house should work fine. A nice location, shaded, and with a clear view to the east, of our magnificent mountains. It also afforded a clear, unobstructed view of the club repeaters located 12 miles away on Mt. Ogden. No need to spend hours on the road or money on gas. This was to be a proof of concept and a data collection exercise. I wanted to see if my battery was up to the task.

The setup consisted of the following items:

- A patio table to operate from.

- An Elk log periodic antenna, purchased used, and used at my previous home in Morgan. It was secured to the railing off the deck with a couple of bungee cords.

- 10 to 15 feet of RG58 coax.

- An older used Icom 208H dual band mobile transceiver, purchased at the steak fry last year. While the radio is rated at 45 to 50 watts output, it is adjustable to as low as 5 watts. 5 watts was selected to minimize power consumption.

- A 12-volt, 9 amp-hour, LiFePO4 battery from Bioenno Power. Small and light weight with a maximum output of 12 amps continuous.

- A plastic spring-loaded wood clamp to hold the radio mounting bracket to the table.

- A short script to keep my thoughts from wandering off into the ether.



A couple of short contacts before net time were concluded to ensure the radio was programmed correctly and the microphone was functional. It is very easy to load up and travel somewhere thinking you have everything and it is in working order. Remember to think like a Boy Scout, be prepared; but that is a story for another time.

Show time! Stan came on the air and asked for a volunteer to run the Ham and Eggs net, and I was awarded the privilege. The net went very well with a good number of fellow hams checking in to share short stories of their week.

I operated battery power for about 1 hour with another hour of standby and listening. While this exercise didn't deplete the battery charge, there was no change in the operation of the radio. That's good news.

So, was it worth the effort to bring everything up from the basement for a couple of hours? Yes, absolutely. Here are the benefits!

Acting as Net Control was fun, rewarding, and a privilege.

I'm confident that with this arraignment, reliable operating time could be in the 4 to 6-hour range.

My equipment got real world testing.

Proof of concept. I now know one more way operating in a portable environment.

It will be easier to make minor changes in the future and compare results.

I won't have to pack everything from the shack next time I actually drive someplace to operate.

I would encourage everyone to operate portable. Start easy, maybe a handie-talkie from the back patio or at the local park. Try out different equipment and compare results. Work your way up to unfamiliar locations. Look for ways to include your equipment in other activities you enjoy. This will build confidence, hone your skills, help you become more familiar with your equipment, and help prepare you for any operating location.

Discover the joy of amateur radio. Make it a point to locate the repeaters wherever you travel. It's important to be self-reliant but if we ever get into trouble, I'm confident that our radio skills will help us, or someone else, get out.

I hope to see you in the field. Stay safe and enjoy our hobby,

73 de Gil

NG7IL

## FEATURE ARTICLE

by Kent Gardner WA7AHY

### Hints and Kinks — Not Harming Your Neighbors Fence

When I put up my G5RV dipole a number of years ago, my neighbor had a wooden fence separating our properties. My dipole ran East to West paralleling the fence.

I had no qualms about screwing in some standoffs and cable loops directly into his fence. I did not ask permission since it was on my side, but then it was no big deal.

Then in recent years he had a wonderful plastic fence put in. I took out all the cable loops and standoffs and just sort of hung the cable in branches of my cherry tree.

You can be sure I did not want to drill in ANY hardware into his new fence, so chose to drive in some 1" x 2" furring strips into the ground just an inch or two away from the new fence. I painted them white because I didn't have any light tan paint to match. White is close enough and even looked professional instead of driving in the strips and leaving the natural wood to weather and look unsightly.

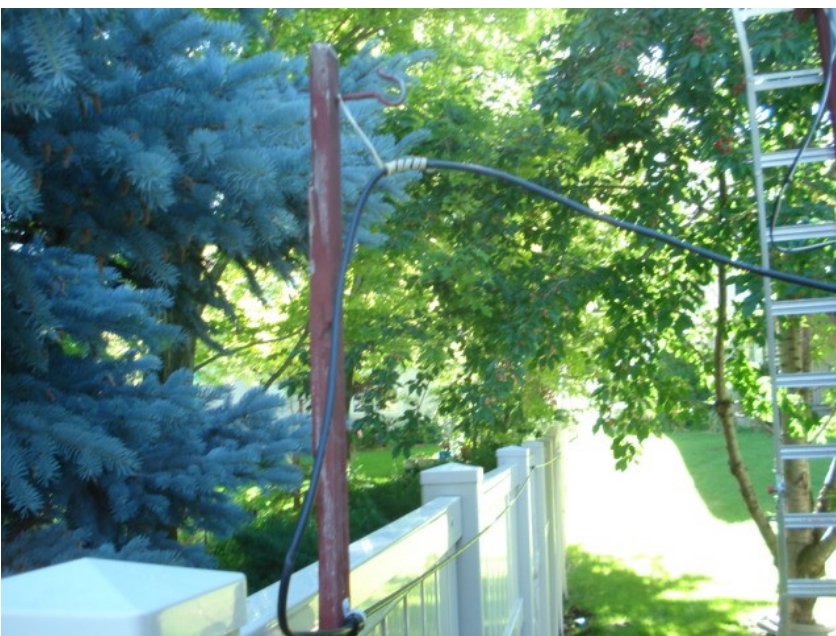


If you look closely, I did tie some doubled nylon string in his fence structure to prevent the first strip to lean because of the strain.

I sawed them off even with the top of his fence. The strips are about eight feet apart.



I used an existing strip from the original wiring that was painted redwood to raise the incoming coax to a height over my head so I could walk under it okay. My shack is just to the right of the picture below. Now all is said and done I may have to paint the redwood strip white to match.



# GUEST ARTICLE

by Dan KB6NU

## Some Field Day 2019 thoughts



We ran four HF stations this year, including two CW and two SSB stations. Also shown in this photo are the GOTA station, the public information table, and the food tent. Photo: Larry Works, KD8MDM.

Well, Field Day 2019 has come and gone. We didn't do quite as well as we did last year. This year, we made just short of 2,100 QSOs, compared to 2,245 in 2018. We also missed some bonus points that we scored last year, so our overall score is going to be lower this year.

I had a good time, as usual, as did everyone that attended, but I'm a bit disappointed that our score is going to be lower. So, it got me to thinking about how we could do better next year. Here are a few thoughts:

1. **Schedule operators.** I think that we should set up a written schedule so that we're sure that the stations are in operation for all 24 hours. There were some times, especially late at night/early in the morning, when they weren't being operated. You can't make Qs if stations don't have operators.
2. **Train operators beforehand.** I think it would be helpful to give the operators some training before Field Day, so that when they do sit down in front of a radio, they know what to do .

**Better antennas.** Steve, K8QKY, one of our CW operators, made this point. Even though there are no multipliers on Field Day, louder stations get more attention, and therefore, make more contacts. We've been using a series of dipoles held up by 40-ft. masts, and they work well, but if we want to take our operation to the next level, we need to think about directional antennas.

Of course, doing these things takes a lot of work, so, the question is whether it's worth it or not. Scoring more points is more fun than scoring fewer points, so perhaps it is.

Tell me about your Field Day experience? Did you make any changes to your operation that helped you score more points or made Field Day more fun? Do you have any thoughts about how to improve your operations next year?





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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 [OgdenARC.org](http://OgdenARC.org) then click O-Bay Swap

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## FEATURED ITEMS

**SWAP ITEM # 194**

**FOR SALE:**

**Buckmaster Off-Center Fed Dipole**

**From Peter Lakomski's estate KE7TQV**

**\$40.00** When Googled, it showed price of \$350.00, but still unsure of actual model number.

**Included:**

**Antenna wire with center box 88' on one side, 50' on other side**

**110 feet of Advanced Digital Cable RG-213 50 ohm coaxial cable**

**One end needs a redo on the PL-259 connector...the solder contact is broken.**

**PRICE: \$40**

**CONTACT:** Kent Gardner WA7AHY, [Below500kc@gmail.com](mailto:Below500kc@gmail.com), 801 391-6341 (Cell),  
4515 Jefferson Avenue South Ogden, Utah 84403

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**NOTICE**

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

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



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## Club Swapmeet

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## FEATURED ITEMS

**SWAP ITEM # 193**

**FOR SALE:**

**ICOM IC-T70A**

**Dual Band FM Ham Radio Transceiver.**

**With charger. In good condition.**

**PRICE: \$150**

**CONTACT: Andrea Howard, AG7LIG, 505-818-8909 (call or text)**



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## Club Swapmeet

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### FEATURED ITEMS

**SWAP ITEM # 187**

**FOR FREE:**

I have some new Sinclair 220 duplexers, rugged 5-element Sinclair yagis, and some Sinclair 220 isolator panels.

No cost... was a donation from unused surplus federal equipment as they changed systems.

**PRICE: \$0**

**CONTACT: Mike Collett K7DOU, [k7dou@comcast.net](mailto:k7dou@comcast.net) 801-550-5101**

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## Club Swapmeet

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**“SALE” or “WANTED” ITEMS NEEDED**

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### FEATURED ITEMS

#### SWAP ITEM # 186

#### FOR SALE:

The January VHF contest is coming. I've decided I'm to old for mountain topping anymore and am selling my multimode equipment.

- Kenwood TS-790 VHF/UHF all mode transceiver. 45W on 2m and 40W on 70cm. = \$450
- Teletec DXP-V175 2 meter Brick, 50W in 175W out. = \$175
- Astron SS30M 30amp switching power supply. = \$75
- 2 Cushcraft 10 element 2m Yagis. = \$25 ea
- AEA 14 element 70cm Yagi. = \$50

**PRICE: \$675 for the lot.**

**Will throw in two 20' TV masts and guys.**

**Also assorted RG8 and RG213 coax cables.**

**CONTACT: Charlie Schmalz N7SFT; 801-782-1427**

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#### NOTICE

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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 [OgdenARC.org](http://OgdenARC.org) then click O-Bay Swap

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### FEATURED ITEMS

**SWAP ITEM # 176**

**FOR SALE:**

**40ft mobile air pushup tower.**

**Includes spare tire for trailer, leveling feet for trailer and guy straps with ground stakes.**

**Trailer requires 2 inch ball.**

**PRICE: \$3000**

**CONTACT: John - N7WZ, [jbinc@xmission.com](mailto:jbinc@xmission.com), 208.520.3537 (leave message)**

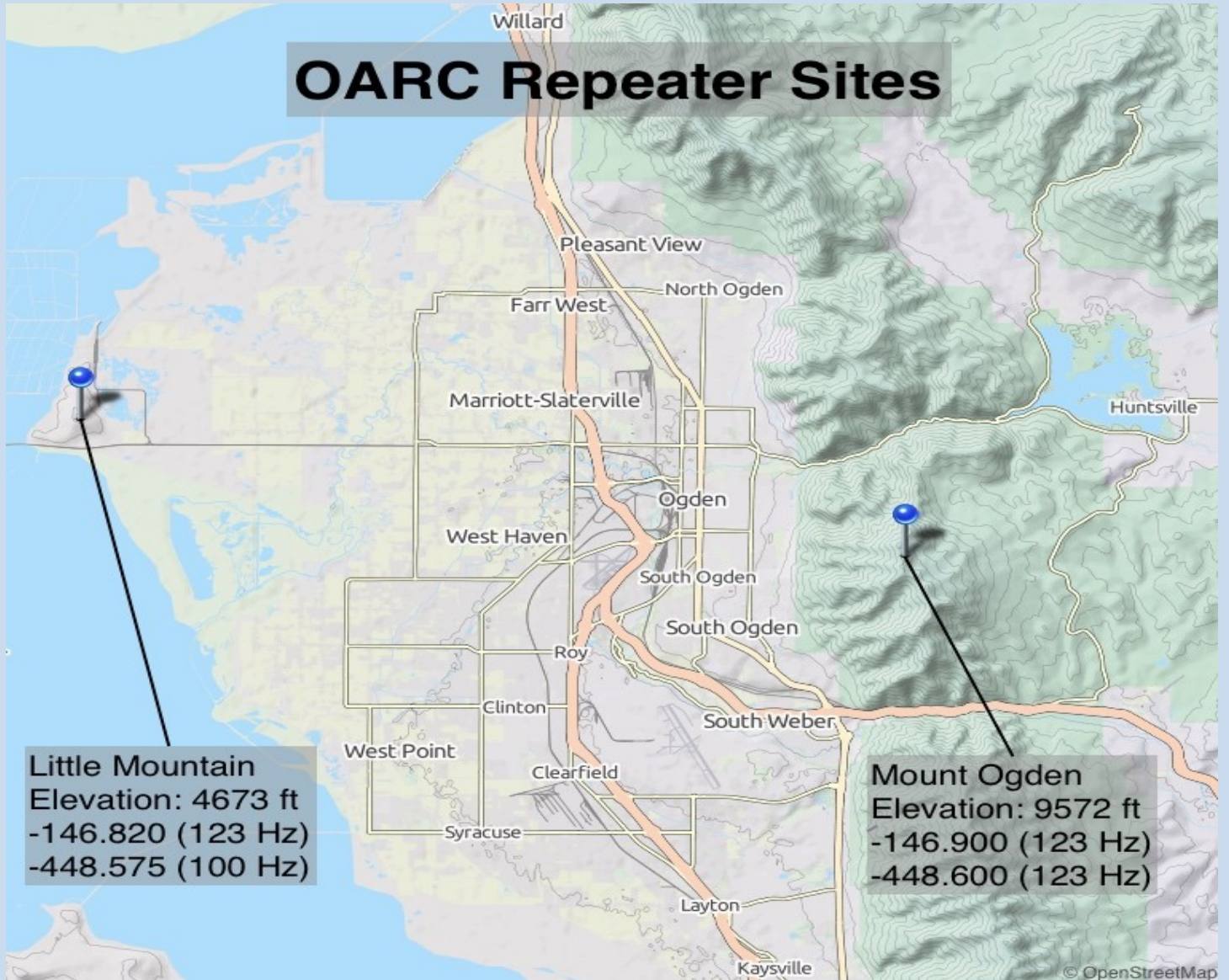
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#### **NOTICE**

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

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

# 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.**

## 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.

## Club Badges



### UNCLAIMED OARC CLUB BADGES

New members have ordered pre-paid club badges that have not been claimed. You can claim your badge at any club function, meeting, activity or event or contact the club badge czar / club treasurer Jerry KG7IGW or J. Siddle KG7CJN

If you are reading this and you are one of the following hams, please collect your badge. Even if you are not reading this, come collect your badge.

**AC7GV - JOHN**

**K7AHD - TOM**

**KD7RPT - SPARKY**

**KF6CCK - DAVID**

**KF7HNU - RALPH**

**KG7IQH - MARK**

**KG7KFD - TONY**

**KT7JIM - JIM**



## 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.

## OARC You Tube Channel



### **Did you know that OARC has a You Tube Channel ?**

**A lot of our meeting presentations are recorded and posted to our OARC You Tube channel for you to view at a later date.**

**It's easy to view missed**



**meetings...**

**Just click on the icon on the right hand panel of the club website home page to view recorded meetings preserved for your viewing pleasure.**

## 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.

## 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>			
(*) Yaesu Fusion digital/FM compatible			
FREQ	CLUB	TONE	LOCATION
146.900-	OARC (*)	122 DCS	Mt Ogden (w/WiresX)
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)

<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
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 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
UVarc	<a href="https://uvarc.club">https://uvarc.club</a>	1 <sup>st</sup> Thursday 6:30 pm	Orem City Council Chamber Room 56 North State St. Orem 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 @ 7:00 PM</b>	<b>OARC—Ham &amp; Eggs Net</b>	<b>448.600 -123.0</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: Dave Mamanakis KD7GR

Vice Pres: Mike Taylor KE7NQH

Secretary: Ceva Cottrell W7CVA

Treasurer: Jerry Cottrell KG7IGW

Asst Treasurer: J. Siddle KG7CJN

Program Director:

Gil Leonard NG7IL

Activity Director:

Bob Smith KG7EIZ

## "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: Ceva Cottrell W7CVA

Asst Photographer: Rick Hansen N7EGA

QSL Manager: Ceva Cottrell KE7IEV

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

Jason Miles KE7IET

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**73 es cul de W7SU**

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