



# WATTS NEWS



**The Best of Amateur Radio**

## OARC e-Magazine

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

**APRIL 2019**

Next Club Meeting/Activity

**Riverdale Fire Station**



Dave Mamanakis KD7GR

President



Mike Taylor KE7NQH

Vice President



Ceva Cottrell W7CVA

Secretary



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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March Meeting

Riverdale Fire Station

3rd Saturday 16 March 2019

TOPIC

Get to Know Your Fellow Hams

Homebrew Show & Tell

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## NEXT CLUB MEETING/ACTIVITY

April Meeting

**NOT @ >>> Riverdale Fire Station >>> see below**

3rd Saturday 20 April 2019

TOPIC

Yaesu's WIRES-X System

By Todd Shobe KW7TES

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## PREVIOUS MEETINGS PICS

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Dave kicks off our annual “Show & Tell” meeting.



More pics, a LOT more, available on the club website home page.

See "SHOW & TELL MEET"

<http://OgdenARC.org>

## Dave's Rag Chew



**Dave Mamanakis KD7GR**

Amateur Radio, different and better than other Government Services:

One of the things I like most about Amateur Radio is Part 97. Because of this, I thought I'd outline some of my thoughts about Part 97:

Section 1, Part 97.1 (a), "Recognition and enhancement of the value of the amateur ... particularly with respect to providing emergency communications."

ARES, RACES, local ERC groups. All very important in building our communication capabilities to support emergency personnel and provide 3<sup>rd</sup> party communications during an emergency.

Ham Operators also get involved in supporting a variety of other activities throughout the year: Ogden Marathon, Parades, Races, Runs, SAG, etc.

Section 1, Part 97.1 (b), "Continuation and extension of the ... advancement of the radio art."

This is all about the creative ways people experiment with antennas, frequencies (gigahertz and terahertz bands), digital modes, and many other ways that people enhance and expand the radio art! DIY, Build Your Own, experiments, etc; I find this to be one of the best aspects of Ham Radio!

Section 1, Part 97.1 (c), "Encouragement and improvement of the amateur ... advancing skills in both the communication and technical phases of the art."

These are the Clubs, Groups, Elmers, Activities, Nets, etc. If anything, we should be doing MORE activities, having MORE classes, etc. All in support of helping people advance their skills.

Section 1, Part 97.1 (e), "Continuation and extension of the amateur's unique ability to enhance international goodwill."

This world could always use a little more goodwill, right?

When we engage in Amateur radio, and the variety of activities within Ham radio, we get to have experiences that can improve this world. Either as a Mentor (Elmer), or in a Net, or just reaching out with CQ or CQDX, we find that we have something in common with a great many people all over the world. We can build "goodwill" Locally and Internationally.

Out of the very many Services the government manages, Ham Radio is one of the best! I am glad I have gotten involved in Ham Radio, and if I have any regrets, it is that I should have gotten involved much earlier.

Thank you all for being involved in the club and in the Radio Art! You make it a great experience here, locally, and abroad!

Remember, our next meeting is at the Riverdale Community Center, right next door to the Fire Station. I hope to see you all there!

We'll talk about a couple upcoming activities: 7QP and W7G (Golden Spike)!



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## OARC COMING EVENTS

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### Next Meeting

3rd Saturday 20 April 2019 @ 9:00 AM

**NOT @** >>> Riverdale Fire Station

**Different location—April & May**

More details on the following page.

### Next VE Test Session

1st Wednesday 05 June 2019 @ 6:00 PM

**Different location this month only**  
**See below...**

VE Test location (June only)  
Ogden City Fire Station #3  
450 North Street, Ogden

Just north of the ATC  
Just east of Lowes

# CLUB NEWS

## Next Meeting

3rd Saturday 20 April 2019 @ 9:00 AM

**NOT @** Riverdale Fire Station

**Note: Temporary Location (April & May meetings only)**

**One building "South" of the fire station: Plenty of parking!**

Our topic for April 2019 will be:

**Yaesu's WIRES-X System**

**By Todd Shobe KW7TES**

...

**Wires-X is Yaesu's version of IRLP. It is being experimented with on our OARC repeater system.**

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[You do not need to be licensed to become a member]  
[You do not need to be a member to attend]

[\$15 single membership, \$25 whole family membership]  
[1st year membership is free to newly licensed hams]

## **CLUB NEWS**

### **OPERATORS NEEDED**

**Golden Spike Special Event Station W7G**

**Don't miss out on this special event, this special year!**

**Two locations: Promontory & Ogden**

**Operators Sign Up Now!**

[Promontory - Operator Sign Up!](#)

[Ogden - Operator Sign Up!](#)



# 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**

### **100 MEMBERS**

Jerry Cottrell KG7IGW, our OARC Treasurer, reports that the OARC membership for 2019 has now reached the century mark.

We now have 100 members.

**WAY TO GO – OARC !**

NOTE: Each year our membership starts over at zero at the August Steak Fry, Elections, and Membership Renewal meeting.

## **CLUB NEWS**

**Did you know that OARC is 98 years old this year?**

Kent Gardner, WA7AHY, our club historian, reports that the Ogden Amateur Radio Club (OARC) can trace its beginning back to May 1921.

**WAY TO GO – OARC !**

**Read all about it...**

<http://OgdenARC.org/>

**then click “About/History”**

## **CLUB NEWS**

### **Get To Know Your Fellow HAM**

#### **Todd Shobe, KW7TES**

I'm 48 years old, married to a wonderful wife for 24 years now. We have six children, five boys and one girl (and yes my wife says I've spoiled her to much). I spent eight years in the USAF, and that's where I was introduced to HAM radio by several individuals I worked with. I have always been interested in communications, electronics, building and tearing electronic things apart, and Ham Radio fit well into that. It took me almost 20 years after that to finally get my license, but I did it.

After the Air Force I went into IT and worked for a large corporation for around ten years traveling all over the world, prior to starting my own business. I currently own my own IT businesses doing work for small offices across the Wasatch Front and have been at that for the last fourteen years.

Thanks,

Todd Shobe, KW7TES

## **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)**

# Dayton Hamvention® and

# 2019 ARRL National Convention

Get  
There!

Make your plans now to attend the worldwide gathering of Amateur Radio enthusiasts and friends at Dayton Hamvention®, host of the 2019 ARRL National Convention.

**Theme: Mentoring the Next Generation**

Discover opportunities to lead new and inexperienced radio amateurs to become more active, involved, and engaged. Experience the very best of ham radio!



May 17 to May 19, 2019

For more information visit [www.hamvention.org](http://www.hamvention.org)

## HOBBY NEWS



**ARRL 2019 Rocky Mountain Division Conference**

**8, 9, 10 August 2019**

**Shepard Union Building—WSU Campus**

<https://rmdc2019.org/>

# HOBBY NEWS

ARRL—QST April 2019

## US Radio Amateur Population Grows Slightly in 2018

- ◆ **US Amateurs = 755,430 which is 7,300 more than in 2017**
  - ◆ **31,567 new licenses in 2018**
  - ◆ **384,145 = Technician Class (51%)**
  - ◆ **175,949 = General Class**
  - ◆ **147,369 = Extra Class**
  - ◆ **39,607 = Advance Class**
  - ◆ **8,360 = Novice Class**



# HOBBY NEWS

## AI assisted CW sessions

You can copy without writing or typing with a new Morse code learning platform .

<https://morseDX.com>

Includes:

- Letters & Numbers [Use it forever at no cost]
- Common Words
- Sentences
- Hollywood Film Lines
- Q-Signals
- Books & Novels, and
- Code Drill [A machine-learning utility to help you along the way]

Designed for beginners as well as advanced brass pounders and rag chewers.

Eyes-off so you can be doing other things as you learn.

And it's mobile compatible on all smartphones, tablets, and desktop computers.

It just might prevent writer's cramp or carpal tunnel syndrome.

As advertised on <https://www.AmateurRadio.com>

Submitted by Rick <morsedx@comcast.net

## HOBBY NEWS

These might be useful:



Amateur Radio Call Books :

Free Texts - Internet Archive

A directory of amateur radio station call signs. Resembling a telephone directory and contains the name and addressees of licensed ham radio stations. Contact a contributor if you can help or have any other contributions.

archive.org

<https://archive.org/details/callbook>

Submitted by Dave Sanders, K7RGY

# HOBBY NEWS

## Old radio magazines in PDF - Awesome!!!

Submitted by Kim Owen, KO7U

<https://www.americanradiohistory.com/index.htm>

<a href="#">Home Page</a>	<a href="#">Broadcasting Industry</a>	<a href="#">Music Magazines</a>	<a href="#">Technical &amp; Engineering</a>	<a href="#">Early Radio</a>	<a href="#">Station Lists &amp; DXing</a>	<a href="#">Bookshelf &amp; International</a>	<a href="#">Site Features &amp; eMail</a>
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The history of radio documented in thousands of publications

## AmericanRadioHistory.Com

- ▶ What's New?
- ▶ Site F.A.Q.
- ▶ Contact Us
- ▶ Search whole site
- ▶ Search for a Page
- ▶ Other Searches
- ▶ April in the Golden Age
- ▶ Radio Chat Board

Devoted to High Fidelity Audio-philis

<a href="#">All Publications Alphabetical</a>	<a href="#">Go Top</a>	<a href="#">Technology</a>	<a href="#">Engineering</a>	<a href="#">Early Radio</a>	<a href="#">DX Listening</a>	<a href="#">The World</a>	<a href="#">Search All Blue Section</a>
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A	B	C	D
E	F	G	H
I	J	K	L
M	N	O	P
Q	R	S	T
U	V	W	X
Y	Z	Searches	

**Links to All Titles on Site**

**A**

[73 Amateur Radio](#)

[About this Site](#)

[Advertiser](#)

[Advertising Art Annual](#)

[Aerial](#)

[Aerovox Researcher](#)

[Airplay Monitor](#)

[Album Network](#)

[All Wave Radio](#)

[Amateur Radio UK](#)

[Amateur Tape Recording](#)

[Amateur Wireless \(UK\)](#)

[Amazing Facts](#)

[Amazing Stories](#)

[Antique Radio Classified](#)

[Arbitron](#)

[Arbitron Quotas & Goals](#)

[Audels Electric Library](#)

[Australian Broadcasting Annual](#)

[Australian Miscellaneous Publications](#)

[Australasian Wireless](#)

### BROADCASTING - Business Periodicals (Modern Era)

Search Only Periodicals

	<p><b>Broadcasting Magazine</b> The most respected business magazine in the industry. 1931-2001</p>
	<p><b>Radio Daily</b> A daily newsletter from 1938 to the early 60's Became "Television Radio Daily"</p>
	<p><b>Channels of Communication</b> Insightful magazine about television content and society</p>
	<p><b>Canadian Broadcaster</b> Canadian radio and TV Industry news magazine from 1942 onwards.</p>
	<p><b>Sponsor</b> 1946-1964 Radio-TV advertising publication aimed at advertising buyers.</p>
	<p><b>Broadcast Advertising</b></p>
	<p><b>Television Magazine</b> Business publication covering TV. 1944-1968</p>
	<p><b>U. S. Radio Magazine</b> 1957-1961 Radio news journal.</p>
	<p><b>Radio Business Report</b> Radio business and finance journal.</p>
	<p><b>Programmer's Digest</b> Radio program ideas newsletter from Todd Wallace</p>
	<p><b>Electronic Media</b> 1982 to 2003 TV and media professional's magazine. Became <b>Television Week</b></p>
	<p><b>Television Radio Age</b> <b>Television Radio Age</b> Television industry business journal with some radio coverage.</p>
	<p><b>R &amp; R</b> Radio and Records Music and radio industry news <i>(Listed in both business and Music sections)</i></p>
	<p><b>Broadcast Programming &amp; Production</b> from the 70's</p>
	<p><b>Televiser</b> Magazine. Early Television Industry trade magazine Started in 1944.</p>
	<p><b>Low Power TV</b> Publications from the 80's and early 90's about Low Power TV</p>
	<p><b>Showmanship</b></p>



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.rmhc2019.org](http://www.rmhc2019.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.rmhc2019.org](http://www.rmhc2019.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



## FCC Cites Amateur Service Rule Violations in Unlicensed Broadcasting Case

03/20/2019

An FCC Enforcement Bureau *Notice of Unlicensed Operation* ([NoUO](#)) issued last fall to a California Technician-class licensee for alleged unlicensed FM broadcasting on 95.7 MHz now has been upgraded to a *Notice of Violation* ([NoV](#)) that cites violations of the Part 97 Amateur Service rules. The March 15 *NoV* sent to Daryl Thomas, KE6MWS, of Carmichael, also specifically acknowledges Thomas as an Amateur Radio licensee — something not done in last November's *NoUO*. The FCC Enforcement Bureau warned that it could progress to a *Notice of Apparent Liability for Forfeiture* (*NAL*), “if warranted.”

An FCC Enforcement Bureau agent who monitored transmissions on 95.7 MHz from “Amateur Radio station KE6WMS” in the FM broadcast band on January 31, 2019, observed violations of §97.103 — not operating in accordance with FCC rules; §97.113(b) — prohibited transmissions, i.e., broadcasting, and §97.301 — operation outside frequency bands authorized for Amateur Radio. The FCC ordered Thomas to respond in writing within 20 days, explaining each violation and actions taken to correct them and prevent their recurrence.

Last October 10, an Enforcement Bureau agent responded to a complaint of an unlicensed FM station operating on 95.7 MHz in Carmichael. The agent confirmed by direction-finding techniques that a signal on 95.7 MHz was emanating from a residence, and Thomas subsequently admitted that he was the operator of this station, the FCC said in the *NoUO*. The agent measured the field strength of the signal and found that it exceeded the maximum permitted level of 250  $\mu\text{V}$  per meter at 3 meters, established for unlicensed operation in accordance with FCC Part 15 rules.

Although the FCC last fall had cautioned Thomas that transmitting without a valid radio station authorization or in violation of the Commission's RF radiation limits was contrary to federal law and must cease, the transmissions apparently continued into this year.

## GUEST ARTICLE

by Dan KB6NU

### Can Indoor Antennas Work? Yes!

Recently, a reader asked:

I am studying your “No Nonsense” book as I prep for the Technician test. I am also learning CW. I am going to buy a Yaesu FT 450D as my first radio, and I want to use an indoor antenna as my first antenna. What do you recommend for CW?

I replied:

To be honest, I’ve never had a lot of luck with indoor antennas. Don’t let that dissuade you, though. I have worked many hams with indoor antennas. Just recently, for example, I worked a guy who was using a Buddipole (<http://www.buddipole.com/>) inside his apartment.

If you have an attic, you could easily install a dipole up there. The ARRL web page on indoor antennas (<http://arrl.org/indoor-antennas>) notes:

“Attics are great locations for indoor antennas. For example, you can install a wire dipole in almost any attic space. Don’t worry if you lack the room to run the dipole in a straight line. Bend the wires as much as necessary to make the dipole fit into the available space.

....

“Ladder-line fed dipoles are ideal for attic use—assuming that you can route the ladder line to your radio without too much metal contact. In the case of the ladder-line dipole, just make it as long as possible and stuff it into your attic any way you can. Let your antenna tuner worry about getting the best SWR out of this system.”

There are plenty of remote tuners now, too. You could install a doublet with elements as long as you can make them, connect them directly to the remote tuner, and then run coax to your shack.

I have also worked guys who have used Slinky antennas inside a house. The advantage of using a Slinky is that it is electrically longer than a wire of the same length.

An attached garage might also make a good location for an indoor antenna. VE3SO, who I've worked several times, uses a magnetic loop antenna installed in his garage (<https://www.kb6nu.com/magnetic-loop-antenna-at-ve3so/>).

If you do a web search for “indoor amateur radio antennas,” you'll get many more ideas. Here are a few that looked promising to me:

Indoor antenna for 7 Mhz (<http://www.iw5edi.com/ham-radio/37/indoor-antenna-for-7-mhz>)

An Indoor Reduced Size Rectangular Loop (<http://hamuniverse.com/kl7jrindoorloop4010.html>)

Another option might be to load up your gutters! I've worked a couple of guy who use gutter antennas, including WA8KOQ (<https://www.kb6nu.com/operating-notes-gutter-antenna-rac-contest-161-countries-worked/>) and K3DY (<https://www.kb6nu.com/operating-notes-computer-virus-club-net-gutter-antenna/>).

This blog post garnered a couple of interesting comments. *K2MUN* wrote, “For many years I've used an attic mounted off-center fed 40 meter dipole. With an automatic antenna tuner and a 4:1 balun I've worked lots of dx with both qrp and, more easily, 100 watts! Certainly, outdoors is much superior but an attic is a nice location in bad weather making playing with your antenna a pleasure :-).

*John, KD0JPE*, said, “If you have an attic available, check out the following 6-band coax trap-based antenna: <http://degood.org/coaxtrap/>. I constructed one of these 9 years ago and have had great results with it.

The bottom line is that indoor antennas can definitely work. They may take more work to put up than outside antennas, but as the saying goes, “Any antenna is better than no antenna.”



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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 # 192  
FOR SALE:**

**2 Storage Batteries: 230 CCA & 300 CCA  
See O-Bay swap page for complete details**

**PRICE: \$10 & \$15 or both for \$20**

**CONTACT: Tim Samuelson KE7DOA, [ke7doa@gmail.com](mailto:ke7doa@gmail.com), 407-470-2919 (Text or call)**



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### NOTICE

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

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





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### FEATURED ITEMS

**SWAP ITEM # 191**  
**FOR SALE:**

**Rohn 25 antenna tower, 3 sections, 26 ft tall.**

**PRICE: \$100**

**CONTACT: Mike Fullmer, KZ7O, [kz7omike@gmail.com](mailto:kz7omike@gmail.com), 801-731-7573 (no text)**



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



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## Club Swapmeet

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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)**

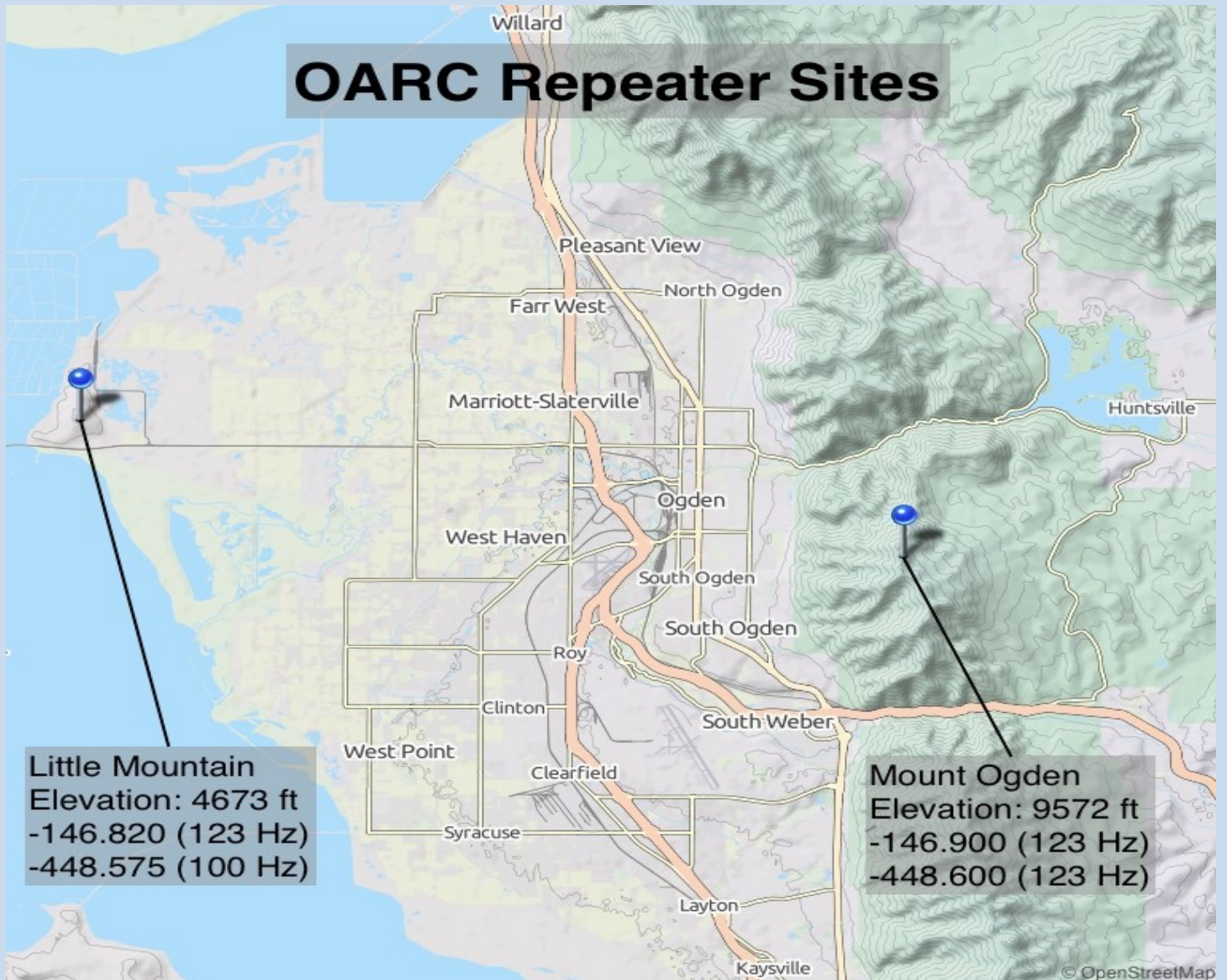
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#### **NOTICE**

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**<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.**

## 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.**

## Club Badges

OARC Club badges are available for all licensed club members.

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



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

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



# OARC MEMBERSHIP DRIVE

## SUPPORT YOUR RADIO CLUB

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

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

**THANK YOU FOR YOUR SUPPORT**

## Join OARC

### Renew your membership now!

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

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

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

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

## 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
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
CSEGR	<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)