



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

SEPTEMBER 2018

Next Club Meeting/Activity

Joint Swap Meet



Dave Mamanakis KD7GR

President



Mike Taylor KE7NQH

Vice President



Ceva Cottrell W7CVA

Secretary



Jerry Cottrell KG7IGW

Treasurer



Gil Leonard NG7IL

Program Director



Steve Kammeyer K7EMD

Activity Director



Val Campbell K7HCP

Webmaster/NL Editor

PREVIOUS CLUB MEETING/ACTIVITY

OARC Steak Fry

Elections

Auction

Membership Renewals

3rd Saturday 18 August 2018

5:00 PM

Marriot Park

NEXT CLUB MEETING/ACTIVITY

September Event/Activity

Joint Swap Meet

3rd Saturday 15 September 2018

8:30 AM

Bountiful City Park

(100 West 400 North Bountiful)

PREVIOUS MEETINGS PICS

Club Photographers

Rick Hansen N7EGA











From the Shack of KE7IET



Jason Miles KE7IET

Val asked me to write one more article for the newsletter. (I may write a few more if I find some interesting subjects.) It has been a privilege serving as president of the club for the past two years. It was originally my intention to serve one more year, but I received a different assignment in my church congregation. (For those who don't already know, I was asked to be the bishop's executive secretary.) I've had this church assignment before, and it was a big time commitment. I thought I wouldn't have enough time for both.

Thank you for your help and support these past two years. Many of you have stepped up to fill needs the club and its members have had. I'm thrilled to see the "elmering" happening in the Ham and Eggs Net, during and after our club meetings, and during our activities. I think everyone has felt welcome and free to ask for help. I'd love to see this attitude continue.

There are at least two exciting events approaching. First, 2019 marks the 150th anniversary of the driving of the Golden Spike. From what little information I've seen so far, the celebration is supposed to be significantly larger than we've seen the past few years. The Ogden Amateur Radio Club would like to be a part of that celebration, but we'll need plenty of volunteers to operate the radio. I encourage you to participate.

The second event is the club's upcoming 100th anniversary in a few years. So far, the board hasn't planned any activities, but feel free to suggest some. There aren't many clubs that have reached this milestone. The ARRL itself only reached it a few years ago. If you are interested, I'm sure there will be opportunity to be a part of the planning.

In July's article, I mentioned a few ways you can volunteer in the club. I won't list them again here, but I will encourage you again to become involved. The board could use all the help it can get. The pay isn't great, but you get to work with great people on interesting projects. Additionally, if you are interested in leadership, the board meetings are open to all. There are plenty of ways to help. Please support the club and the new board.

I would also like to thank the club for putting up with the many mistakes I made over the past two years. Probably most prominent among those was forgetting to talk to Steve Kammeyer K7EMD about serving on the board. Thank you to Steve for agreeing to fill the position of Activity Director without prior notice.

I may be stepping down as president, but I still intend to be a part of the club. There's still a lot I want to do in amateur radio. I'm grateful for the association with a great group of people who can help with that. I hope I can return the favor as well.

73 de Jason Miles KE7IET

Dave's Rag Chew



Dave Mamanakis KD7GR

Well, here we go.

I've been asked to put in a message for the newsletter. You would think it would be easy, since I like to talk and I have previously had experience as President of the Beehive Model A Club, here in Ogden... but nope. I'll struggle with this, now, just as much as I did, with that, then.

I guess I could start by introducing myself, for those who don't know me?

Long ago, in a galaxy far away, I have no idea what happened, and my story is far less dramatic.

I was Born in California, raised mostly in Utah. Married 24 years to a woman who, well, if she doesn't understand my eccentricities, she at least tolerates them. I've got 4 kids and a 4-month-old Granddaughter.

I'm still trying to get more of my family licensed... but we could measure what happens when I bring it up with an Ohmmeter.

I had a desire, back in my early twenties, to get my Ham License. Unfortunately, I wasn't so keen on learning "code". It sounded like a lot of work, and I wasn't that interested in work... the irony here is, now that I am licensed, I'd like to learn CW. So, instead of getting licensed, I bought a CB radio. I installed it in my 1977 Olds Delta 88. Stuck a HUGE stainless whip antenna on the trunk, and would, some nights, go up on top of North Ogden Divide and chat with people in California.

Fast forward to 2014.

A friend of mine was bragging up how he got his Ham license. I asked him about it and how he got around the code requirement. He informed me that it was no longer required. My only thought at that time was, "If He can do it, so can I"!

I got licensed in November, I think... took the class and test down in Provo. Then jumped up to General and Extra in February of 2015. I just figured, if I'm going to do this, I'm really going to get involved!

I didn't think, at the time, that I would be getting THIS involved. But, here I am. Looks like y'all are stuck with me for at least a year.

Ok... don't want to take up all your time... remember, September, we have the Tri-County swap meet in Bountiful and then we'll have our next regular meeting in October.

--Dave

KD7GR



OARC COMING EVENTS

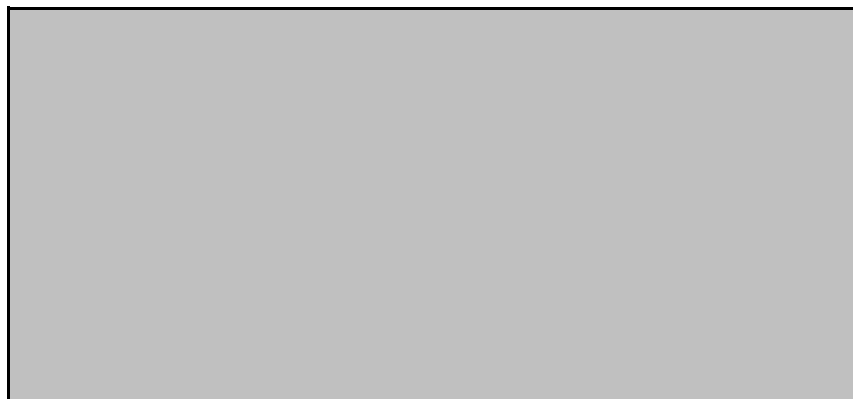
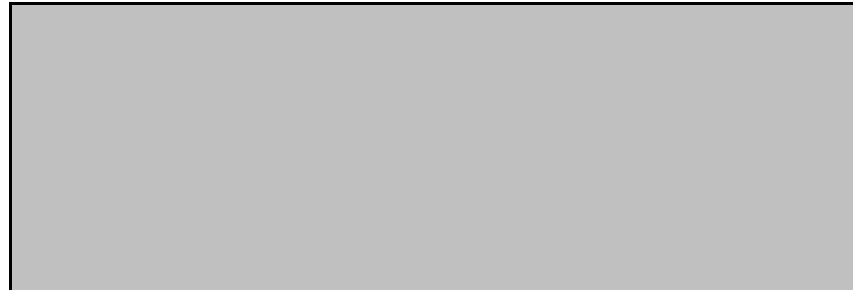


Joint Swap Meet

3rd Saturday 15 September 2018

Next VE Test Session

1st Wednesday 03 Oct 2018 @ 6:00 PM



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

Stan Sjol W0KP, stansjol@xmission.com

CLUB NEWS

Welcome to the OARC Board of Directors for 2018-2019.

Dave Mamanakis was elected to be our club President for the coming year. Congratulations Dave.



Dave Mamanakis KD7GR

CLUB NEWS

Welcome to the OARC Board of Directors for 2018-2019.

Steve Kammeyer K7EMD was elected to be our Activity Director for the coming year. Congratulations Steve.



Steve Kammeyer K7EMD

CLUB NEWS

Reader feedback

John Southwick, N7JS commented on the 1981 *Watts News* article as published in the August 2018 Newsletter.

Hi Kent,

I read with interest the old 1981 Watts newsletter you wrote about. I was just a kid in high school at the time (but had been licensed almost 5 years) but still have some memories. Mark Moulding (Ku7z) had invited me to attend the meetings (and apparently I joined the club). If my memory serves me right, it seems the meetings moved around a bit. In addition to the Army Reserve on Jackson, I vaguely remember Washington Blvd around 27th...I think in the old Utah Power & Light building but maybe that is something else? They were fairly late in the evening back then and in the winter it was of course completely dark when you would arrive. I do remember everyone seemed MUCH older than myself but were very friendly and welcoming to this kid. I also recall that antenna giveaway thinking \$1 for an extra ticket was quite a bit for what seemed like a \$20 antenna! That would be like the equiv. of charging \$10 for extra raffle tickets for a \$200 giveaway! I had no use for it myself at the time - didn't even have a VHF radio and wasn't about to throw that antenna on my car (probably a teenager's most prized possession)! A few years later when it was time for me to get ready for college, I sold my cherished first radio (Kenwood TS-520S w/ CW Filter) to the club. Maybe that was an upgrade to the 520 they had or they placed that one in backup?

73

Jim, N7JS (KA7AWO at time back in 1981)

My note: We should probably take the hint and invite the “young uns” around us to get interested in ham radio and to attend our club meetings. Maybe we could set up displays in surrounding schools to encourage students to come out to our meetings and activities. Jim’s current interest in the hobby is to use his cellular device to remotely control his home station.

TNX—Kent, WA7AHY

HOBBY NEWS



We the people ask the federal government to Take or explain a position on an issue or policy:

Maintain Funding for WWV & WWVH

<https://petitions.whitehouse.gov/petition/maintain-funding-nist-stations-wwv-wwvh>

I have signed it - it's easy and necessary.

Val Campbell K7HCP

HOBBY NEWS

Maybe it's not too late to respond.

If you're interested, do it.



2019 UTAH ARRL ROCKY MOUNTAIN DIVISION CONVENTION (AUG 8-10, 2019)

August 8 is a tentative date, pending survey results to determine if there is enough interest to justify its availability.

LOCATION: SHEPHERD UNION CONFERENCE FACILITY, WEBER STATE UNIVERSITY, 3848 Harrison Blvd., Ogden UT

PLEASE FILL OUT THIS CONVENTION SURVEY SO WE CAN BETTER SERVE YOU
<https://goo.gl/forms/jrOOQ1QGqtrDbT4o2> >This is a link you can send to others for this survey

*Co-Hosted by UTAH HAMFEST and GREAT SALT LAKE HAMFEST (Children must be

HOBBY NEWS

2018 ARRL Wyoming Section Convention

[HamCon 2018](#)[License Exams](#)[Registration](#)[Lodging](#)[Polo](#)[Forums](#)[Swap Meet](#)[Prizes](#)[Wouff Hong](#)[Talk-In](#)

HamCon 2018



September 15, 2018

[Sweetwater Events Complex](#)

Rock Springs, WY

[Archives](#)[Meta](#)[Log in](#)[Entries RSS](#)[Comments RSS](#)[WordPress.org](#)

Search for:

15 September 2018

www.wyominghamcon.org

HOBBY NEWS



We here at Duke City Hamfest Central invite your club to take advantage of two opportunities for strutting your organization's stuff during this year's Albuquerque Duke City Hamfest/ARRL Rocky Mountain Division Convention, Sept. 21-23.

The venue: convention facilities at the Isleta Resort and Casino, conveniently located just off of I-25, south of Albuquerque's airport. The opportunities include:

Staffing a club table in the Grand Foyer. We will have approximately 14 tables set up in the Grand Foyer for clubs that would like to share their activities and experiences with a division-wide gathering. These tables are available at no charge. To ensure that as many clubs as possible get a chance to take part, we're "hot bunking" tables in shifts, with a four-hour minimum, one table per club. A four-hour shift may work better for smaller clubs; longer shifts boost your visibility. The tables are available on a first-come, first served basis. And they are filling up. Current registrants include the *ARRL*, *Quarter Century Wireless Association*, *Straight Key Century Club*, *Whiskey SOTA*, as well as New Mexico clubs such as the *High Desert Amateur Radio Club* and the *Valencia County Amateur Radio Association*. For club-table rules and to register for a table, visit the Clubs page on the convention website at <https://www.dukecityhamfest.org/clubs>.

Co-sponsoring the convention's free Friday night mixer. For a \$50 donation, we would welcome a slide presentation highlighting your club's activities. The presentation will be displayed during the mixer, in a continuous loop that includes presentations from other donors. The slides will be displayed on a large screen available in the room where the mixer is being held. The mixer is free to all registrants. Our guest speaker at the event will be Mike Corey, KI1U, the American Radio Relay League's emergency-preparedness manager.

Your club's presentation should use no more than 10 slides – photos, graphics, and/or text only. If you would like to take advantage of this club-promoting opportunity, mail a \$50 check, payable to New Mexico Hamvention, Inc.. The address: New Mexico Hamvention Inc., P.O. Box 30394, Albuquerque, NM, 87190-0394. Send your slides to registrar@dukecityhamfest.org. Please submit your check and slides by Aug. 1, 2018.

Finally, we have a two-page flier we've produced for promoting the convention. It's meant to be a trifold, but it also works as one page, two sides. We'd be grateful if you could make the fliers available at your meetings and events! You can download the 4 mb PDF [here](#). The flier prints just fine in black and white, so don't worry if your color cartridges are low.

We look forward to seeing what your club has to share with the division's amateur-radio community, either in the Grand Foyer or as a mixer co-sponsor, or both!

HOBBY NEWS

The New Improved Nevada QSO Party in October!

The Sierra Nevada Amateur Radio Society is proud to present the Nevada QSO Party which will be an annual event on the second full weekend in October. This year it will start at 2000 hours Nevada time (PDST) on Friday, October 12 (0300z 10/13/2018) and run until 1400 on Sunday, October 14 (2100z 10/14/2017)

The objective of this contest is to activate and work all 17 of the counties in Nevada. Nevada stations will work anyone, anywhere, and out of state stations will work Nevada Stations. All stations may be worked on the three different modes for up to three times on each HF band and only once on the VHF+ frequencies. Rovers in Nevada can be worked again when they change counties.

The state of Nevada is one of the rarest U.S. States on the air. Be sure to work Nevada in the upcoming Nevada QSO Party; it will be helpful you when going for ARRL WAS (Worked All States award) and other awards like grid zones and counties.

The VHF+ band will consist of all legal frequencies from 50 MHz up to 1300 MHz. In order to bring a lot of new hams into contesting, we are allowing the use of repeaters on these frequencies. There are linked systems which will allow out of state contacts. All modes will be allowed with the exception of the WSJT modes.

On the HF side, Phone, CW, and Digital modes will add multipliers to the QSO points. All conversational digital text modes are allowed with all counting the same. Currently, the WSJT modes do not have a contest exchange message that is handled as a valid regular message, so those modes are not allowed. (This may be changed if this is added to the WSJT program in the future)

Logging software from N1MM will have the ability to work on this contest. For those that are using paper and pencil or some other logging method that does not produce a Cabrillo file, we also have the WA7BNM Cabrillo log maker which will allow you to build a Cabrillo file. All entries over 10 contacts must submit an electronic Cabrillo log.

We also have a sign-up form to allow stations to sign up for the counties which they will activate and what modes they will be using. We are going to try and get operators out in all counties and have all modes covered. Please use this form if you are going to be operating in Nevada.

The Nevada QSO Party website is <http://nvqso.com/> Complete rules are listed under the "Rules" tab and please read the FAQs for additional information. Information is subject to change on the website so be sure to check back regularly. Please visit this site often and pass the word onto your friends!

We are looking forward to your participation in this contest!

For further information on this news release, contact Jim Shepherd at W6US@SNARS.ORG



Consent Decree Settles FCC Noncompliant Drone Transmitters Marketing Case

08/22/2018

The FCC Enforcement Bureau has entered into a [Consent Decree](#) with Horizon Hobby, LLC to resolve a case involving the marketing and sale of noncompliant audio/video (A/V) transmitters intended for use on drones. The *Consent Decree* was attached to an FCC *Order* released on August 16. The Enforcement Bureau said the transmitters violated the FCC's equipment marketing and Amateur Radio rules.

"These laws ensure that radio frequency devices comply with the Commission's technical requirements and do not interfere with authorized communications," the Enforcement Bureau said. "Because the noncompliant A/V transmitters could operate in bands that are reserved for important operations, including Federal Aviation Administration Terminal Doppler Weather Radar, they must not be marketed or operated by anyone. Moreover, entities that rely on amateur frequencies in operating compliant A/V transmitters must have an amateur license and otherwise comply with all applicable laws for such operation."

In the *Consent Decree*, Horizon Hobby concedes that it marketed A/V transmitters that did not comply with FCC equipment marketing rules. The company has agreed to implement a compliance plan and to pay a \$35,000 civil penalty.

On December 20, 2017, the Bureau's Spectrum Enforcement Division issued a *Letter of Inquiry (LOI)* to Horizon Hobby, directing it to respond to a series of questions relating to its marketing of A/V used with drones in the US. "The investigation revealed that some of the A/V transmitters Horizon Hobby marketed were capable of operating outside of the authorized Amateur Radio Service bands, but were not certified or otherwise compliant with the Rules. These A/V transmitters are considered intentional radiators and must comply with the Equipment Marketing Rules."

The FCC said that after it received the *LOI*, the company stopped marketing the noncompliant A/V transmitters.

A privately held limited liability company, Horizon Hobby advertises and sells fully assembled drones through several websites, as well as parts and accessories for those systems.

GUEST ARTICLE

by Dan KB6NU

3D printed parts for ham radio

One of the things that I keep telling myself that I need to learn how to do is 3D printing. This morning, I ran across a couple more 3D printing projects for ham radio that I thought I'd pass along.

The first I found on reddit: 3D Printed Parts for Portable Tape Measure Yagi Designs (https://www.reddit.com/r/amateurradio/comments/963br3/3d_printed_parts_for_portable_tape_measure_yagi/). The summary on Thingiverse (<https://www.thingiverse.com/thing:3042505>), which is a website where "makers" share their designs, says:

These parts are made for use with 1-in. PVC pipe and 1-in. Harbor Freight tape measure steel. You can use electrical tape to attach the element holders to the side of the pipe, and use the driven element bridge to give structural rigidity across the driven dipole element. I have used this with up to 5 elements on 2m with good success. When not using the antenna, just pinch the elements to remove them from the holders, and store them INSIDE the tube! you can add some end caps to make this ultra portable. Use these parts with any of the multitude of tape measure YAGI design guides online.

Here's a look at an antenna made with these parts:

The element holders are attached to the boom with electrical tape in the photo above. While I haven't tried it, I'd suggest that the antenna might be a bit more robust if you could screw or perhaps glue the holders to the boom.

There are lots of other cool amateur radio 3D printing projects available on Thingiverse (<https://www.thingiverse.com/search?q=ham+radio&dwh=415b6d8da129c3c>). Browsing through the list quickly, here are just two that look like they might be useful to me:

Soldering Fingers (<https://www.thingiverse.com/thing:1725308>). This project looks simple and quick. μ Bitx Case (<https://www.thingiverse.com/thing:2925336>). I still gotta do something with the μ Bitx I bought. This looks like it might get me started.

Finally getting in gear

Last week, I attended a 3D printing class at our local maker space, All Hands Active (allhandsactive.org), and now I feel like I can finally attempt a 3D printing project. I'm thinking about starting out with the simple Soldering Fingers project. If that goes well, I'll try a Raspberry Pic case and finally start using that in the shack. And, while these projects all seem pretty cool, I feel like I'm only scratching the surface.

Have any of you 3D printed anything cool for your ham radio projects? Is there another source of designs for ham radio 3D printed stuff besides Thingiverse?

When he's not 3D printing enclosures for his ham radio projects, Dan blogs about amateur radio, writes exam study guides (www.kb6nu.com/study-guides), and operates CW on the HF bands. Look for him on 30m, 40m, and 80m. You can email him about your experiences with 3D printing at cwgeek@kb6nu.com.



Club Swapmeet



“SALE” or “WANTED” ITEMS NEEDED

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

Visit OgdenARC.org then click O-Bay Swap

FEATURED ITEMS

SWAP ITEM # 185

FOR SALE:

Estate Ham Radio Equipment (recent sk)

[View Itemized List !](#)

PRICE: per each item as listed

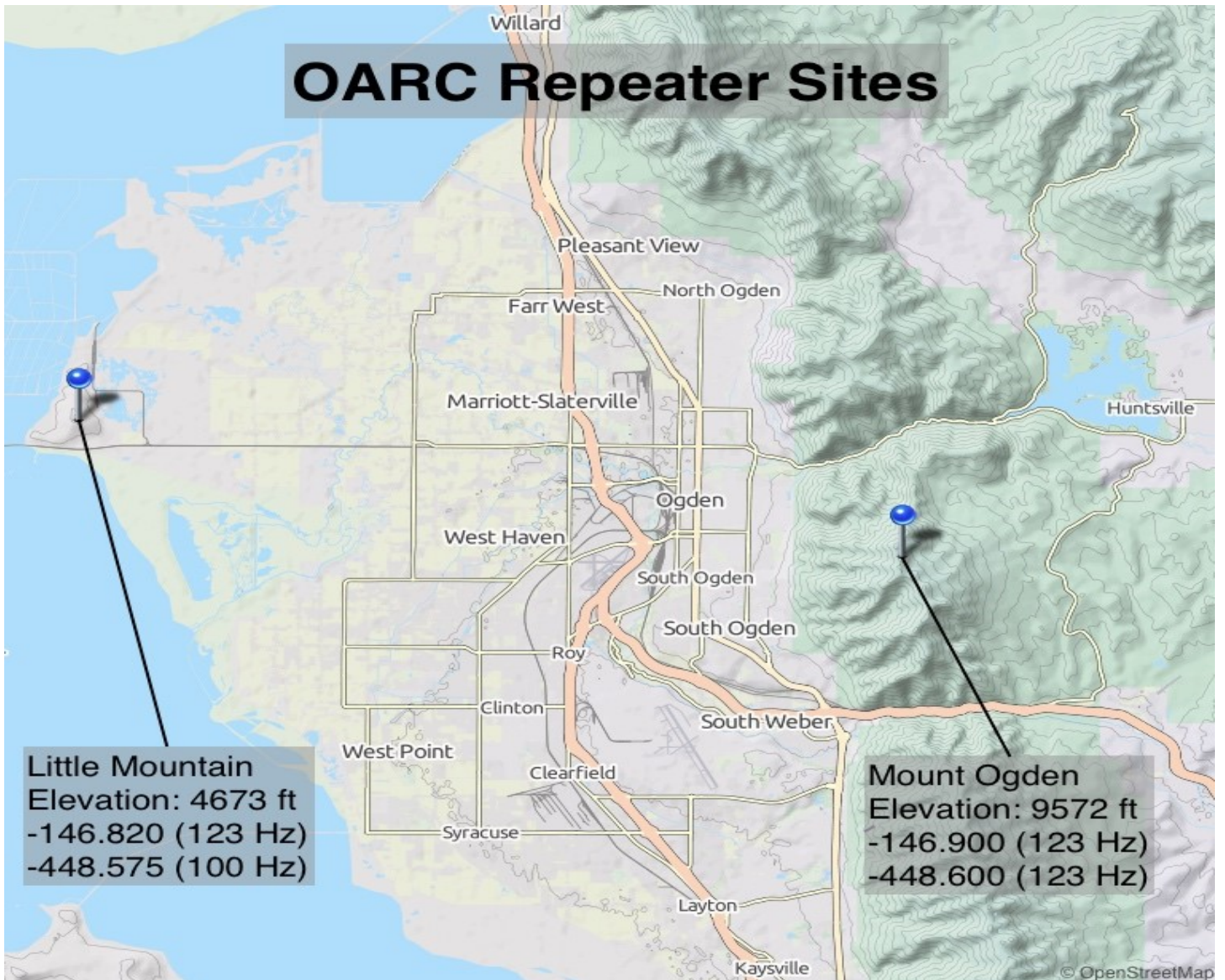
CONTACT: Dave Sanders (K7RGY) at (801) 745-5809

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.

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:

3rd Saturday of each Month

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

Meeting/Activity:

See notices above

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

Check OARC web site for details

www.ogdenarc.org

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

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

Next Weber Co VE Test Session:

1st Wednesday Feb, Jun & Oct

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

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

Location: Permanent location

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

Contact: VE Liaison:

Rick Morrison W7RIK (Liaison)

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

Jason Miles KE7IET (IT)

Cost: \$ 14.00

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

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

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

Club Web Site

Be sure to visit our club web site.

www.OgdenARC.org

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

Club Call Sign

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

W7SU

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

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

See you there.

OARC REPEATERS			
(*) Yaesu Fusion digital/FM compatible			
FREQ	CLUB	TONE	LOCATION
146.900-	OARC (*)	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)

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

AREA CLUB MEETINGS & WEB SITES

CLUB	WEB SITE	DATE/TIME	LOCATION
OgdenARC	ogdenarc.org	3 rd Saturday 09:00 am	Check OARC web site ...
WC Sheriff Comm-O		1 st Saturday 10:00 am	Weber Co. Sheriff Complex West 12 th Street Ogden Utah
Barc	barconline.org	2 nd Saturday 10:00 am	Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut
CSErg	dcarc.net /ares.htm/	Last Wednesday 8:30pm	Clearfield City Hall Clearfield Utah
DCarc	dcarc.net	2 nd Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	home.comcast.net/ ~noutares/	3 rd Wednesday 7:00 pm	Cache Co. Sheriff Office Logan Utah
Uarc	xmission.com /~uarc/	1 st Thursday 7:30 pm	UofU EMC Bldg Room 101 Salt Lake City Utah
UVarc	https://uvarc.club	1 st Thursday 6:30 pm	Orem City Council Chamber Room 56 North State St. Orem Utah
GSarc	Ubetarc.org	Check Website	Check Website
Utah DX Association	udxa.org	3 rd Wednesday check web page for details	check web page for details Salt Lake City area
UvhfS	ussc.com /~uvhfs/	Each Tuesday 8:00 pm (refer to web site)	Weekly 2 meter net (no eye ball meetings)
WDArc	westdesertarc.org/	1 st Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	https://groups.google.com/forum/#! forum/wsuarc	3 rd Thursday 5:30 pm	WSU Blding #4 Room ? Ogden Utah

LOCAL AREA NETS

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

OARC OFFICERS

President: Dave Mamanakis KD7GR

Vice Pres: Mike Taylor KE7NQH

Secretary: Ceva Cottrell W7CVA

Treasurer: Jerry Cottrell KG7IGW

Program Director: Gil Leonard NG7IL

Activity Director:

Steve Kammeyer K7EMD

"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

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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