



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

OCTOBER 2018

Next Club Meeting/Activity

Meeting @ 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



Steve Kammeyer K7EMD

Activity Director



Val Campbell K7HCP

Webmaster/NL Editor

PREVIOUS CLUB MEETING/ACTIVITY

Joint Swap Meet

3rd Saturday 15 September 2018

8:30 AM

Bountiful City Park

NEXT CLUB MEETING/ACTIVITY

October Meeting

Riverdale Fire Station

3rd Saturday 20 October 2018

9:00 AM

Topic:

QRP from Mt Kilimanjaro 19,340 feet

**John McEldowney (KG7LBY)
featured in CQ magazine, June 2018**

PREVIOUS MEETINGS PICS

Club Photographers

Ceva Cottrell W7CVA



Rick Hansen N7EGA



No photos from the Joint Swap Meet.

Sorry!

Dave's Rag Chew



Dave Mamanakis KD7GR

Mobile installations

As y'all have undoubtedly noticed, my truck more resembles a ham shack. I like to think of it as my "personal mobile command center".

It also screams, "Hi! I'm a Ham Radio Operator, please ask me questions!", or, I guess it does, because I get asked stuff all the time, in random places, by curious people.

But there seems to be a common set of questions that I get asked most often, and thought I'd mention my responses here because someone might find them useful.

Possibly the question I get asked the most is, "how many radios do you have in there?", but I don't think the answer is useful for the purpose of this publication.

One of the other questions I get asked is, "how do you power the radios?"

I spent a lot of time researching and then all the time in "trial and error"...

There are 4 things that I suggest when powering your mobile radios:

1. Get your power directly from the battery.

There are a variety of options to hook up power to your battery, special terminal adapters, some even with built-in fuses. Some wiring harnesses have an extra pigtail lead on the positive and or negative terminals at the battery. Or the old-fashioned method of just putting an end on your wire and attaching it to the bolts on the battery wire. Not only should you get your power from the battery, you should also use the negative terminal of the battery to ground the radio.

Any which way you decide to do it, it is best to get the power directly from the battery. Put a fuse on both the Positive and Negative lines and pass the wire through your firewall. Many firewalls are already plumbed for passing wires through, but you may have to drill a hole. To protect the wire, purchase a grommet and "DIY".

The only thing to keep in mind, here, is: the more amperage you draw (maximum) the larger your wires will need to be from the battery. If you have multiple radios, you'd need to add up everything, radio, tuner, etc, to make sure you have enough ampacity in the wires to and from the radio.

2. While the next bit of advice might sound like a contradiction to #1, really it isn't. In-between my radios and the power, I installed the West Mountain Radio PWRguard Plus.

This sits between the power and the radio, but it is supposed to. It protects the radio from spikes in power and protects the battery from going too low. I'd say it is a necessary piece of equipment, but that is just my opinion. You can just hook up the power directly to your radio.

3. While we are at it, if you wanted to add more than one radio, the best way to do so is to add a power distribution block. This is usually a 4 or 8 port fused power block that makes it easy to get power to multiple radios/radio equipment in your vehicle.

4. Lastly, a relay and switch. Using a properly rated relay, connect a manual switch between the power and the radios or use a connection to your ignition switch, or both.

I suggest, at a minimum, hooking up the relay to the ignition switch.

Just remember: however you decide to do it, the purpose for this is to prevent leaving the radio on accidentally. It isn't any fun waking up in the morning, staggering out to the car, and finding it has a dead battery. I use an 80 amp "Stinger" relay.

There are several other things I get asked, but I need to save something for later months.

See you all at the October Meeting!

73, Dave



OARC COMING EVENTS



Next VE Test Session

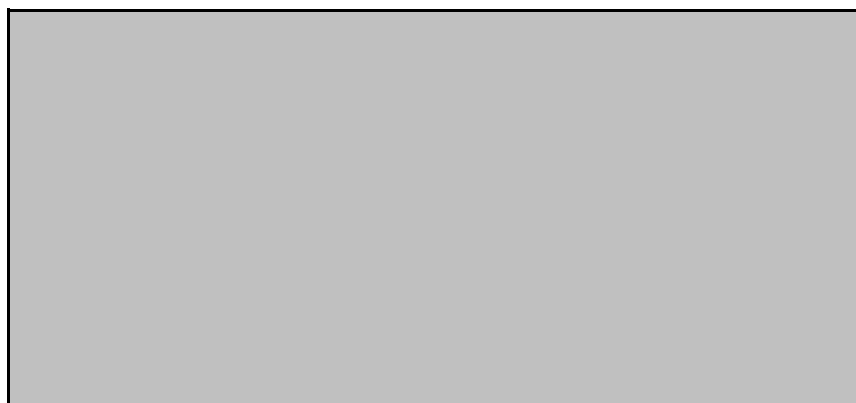
1st Wednesday 03 Oct 2018 @ 6:00 PM

Sorry if you missed it.

Next Meeting

3rd Saturday 20 Oct 2018 @ 9:00 AM
Riverdale Fire Station

See more on the following pages.



CLUB NEWS

Next Meeting

3rd Saturday 20 Oct 2018 @ 9:00 AM
Riverdale Fire Station

Topic: QRP from Mt Kilimanjaro 19,340 feet

John McEldowney (KG7LBY) - featured in CQ magazine, June 2018

June 2017: A fairly new ham, no HF radio or experience, had just learned about SOTA (Summits on the Air) during Field Day.

Fast forward 8 months later.

February 2018: An intrepid but inexperienced ham finds himself struggling to get a ham radio to 19,340 feet on the summit of Mt Kilimanjaro.

October 2018: Learn the whole story at OARC!

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

Congratulations to Ceva Cottrell W7CVA

**who recently upgraded from Tech class to General class
and then on to Extra class at the Albuquerque Hamfest
VE Test Session September 2018.**

Way to go Ceva!



HOBBY NEWS

Concern Rising within Amateur Radio Community over WWV- WWVH Shut Down Proposal

08/21/2018

ARRL members and Amateur Radio clubs are expressing increased concern over the inclusion of WWV and WWVH on a list of proposed cuts in the White House's National Institute of Standards and Technology ([NIST](#)) Fiscal Year 2019 budget request. The proposed cuts also would include the Atomic Clock signal from WWVB used to synchronize specially equipped clocks and watches. Online petitions soliciting signatures include [one](#) established by Tom Kelly II, W7NSS, of Portland, Oregon, who would like to see funding for the stations maintained. At this point, the budget item is only a proposal, not a final decision. That would be up to the Congress to decide.

ARRL is among those worried over the possible loss of WWV, WWVH, and WWVB and is suggesting that members of the Amateur Radio community who value the stations for their precise time and frequency signals and other information sign Kelly's petition and/or contact their members of Congress promptly, explaining how the stations are important to them, beyond government and military use.

Kelly's petition, which may be signed by US residents, notes that WWV is among the oldest radio stations in the US, having been established in 1920. "The station has transmitted the official US time for nearly 100 years, and is an instrumental part in the telecommunications field, ranging from broadcasting to scientific research and education," his petition says. "Additionally, these stations transmit marine storm warnings from the National Weather Service, GPS satellite health reports, and specific information concerning current solar activity and radio propagation conditions. These broadcasts are an essential resource to the worldwide communications industry."

NIST's [full Fiscal Year \(FY\) 2019 budget request](#) to Congress calls for the agency to "discontinue the dissemination of the US time and frequency via the NIST radio stations in Hawaii and Fort Collins, Colorado." The agency noted, "These radio stations transmit signals that are used to synchronize consumer electronic products like wall clocks, clock radios, and wristwatches, and may be used in other applications like appliances, cameras, and irrigation controllers." The specific cut, which would come from the NIST Fundamental Measurement, Quantum Science, and Measurement Dissemination budget, would amount to \$6.3 million.

In its budget request, NIST said that it plans to consolidate and focus work on its efforts in quantum science while maintaining essential core capabilities in measurement science research and measurement dissemination, as well as eliminate "efforts that have been replaced by newer technologies, measurement science research that lies outside NIST's core mission space, and programs that can no longer be supported due to facility deterioration."

WWV and WWVH broadcast time and frequency information 24/7, including time announcements, standard time intervals, standard frequencies, UT1 time corrections, a BCD time code, geophysical alerts, and marine storm warnings. Transmissions are broadcast from separate transmitters on 5, 10, 15, and 20 MHz. An experimental 25 MHz signal is also currently on the air. WWVB transmits standard Coordinated Universal Time (UTC) signals on 60 kHz to appropriately equipped timekeeping devices.

NIST Public Relations Director Gail Porter told Tom Witherspoon, K4SWL — editor of [The SWLing Post](#), which has been tracking developments — that NIST "is proud of the time and frequency services we provide through our radio stations, and understands that these services are important to many people."

NIST Director Walter Copan has supported the overall budget request. "This budget request ensures that NIST can continue to work at the frontiers of measurement science by preserving investment in core metrology research," Copan said. "Through its constitutionally mandated role, NIST performs work that only the government can do, and produces enormous return on US taxpayers' investment. Translating measurements into technically sound standards across all industries enables effective international trade and US competitiveness."

HOBBY NEWS

Bridgerland Amateur Radio Club has the annual SwaptoberFest coming up at the Bridgerland Technical College West Campus.

Date: October 13th.

Time: 8:00 am to 12:00 pm.

Location: 1410 N 1000 West.

Free admission & tables (open at 7:00 am for table set up).

Prizes and refreshments.

Tyler Griffiths
N7UWX

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



FCC TECHNICIAN CLASS QUESTION POOL REVISED FOR JULY 1, 2018

The FCC question pool for Technician Class license exams has been revised and will be effective for exams conducted on or after July 1, 2018.

ARRL will produce new study materials in preparation for the new exam.

Manuals will be available the first week of June at the ARRL store.



Sweden's Telecommunications Regulatory Agency to Require Fee to Run More than 200 W

Effective on November 1, radio amateurs in Sweden who want to run more than 200 W PEP in certain Amateur Radio allocations will have to [apply](#) for a transmitter license to do so. Sweden's telecoms agency PTS has announced a modified listing of license-free transmitters that spells out the changes for Amateur Radio and other services. Sweden eliminated Amateur Radio licenses in 2004, and Amateur Radio in Sweden is "permission free," but prospective radio amateurs still must pass an examination. A certificate and a call sign, valid for life, are issued without any future fees. Up until now, the maximum permitted power on most HF bands has been 1 kW with no additional authorization required.

"It will be interesting to see how many active [Swedish] operators will apply for high-power permits," said Henryk Kotowski, SM0JHF, who alerted ARRL to the release of the [official PTS order](#). "I will not. There is a general trend to use less power and smarter, efficient modes."

Under the amended regulations, radio amateurs would have to apply for permission to run more than 200 W on 160 (1,810 - 1,850 kHz only), 80, 40, 20, 17, 15, 12, 10, and 2 meters, as well as 70 centimeters, and the 1.2, 5.6, 10, 24, 47 GHz, and higher Amateur Radio allocations.

Power restrictions would continue to apply on the 2,200 and 630-meter bands (1 W ERP), on certain segments of 160 meters, and on 60 meters (15 W EIRP), 30 meters (150 W PEP), and 6 meters (200 W PEP). The new regulations would require contesting and moonbounce enthusiasts to register their fixed installations in order to use a high-power amplifier. The fee to register to operate with more than 200 W PEP would be approximately \$32 US.

Permits will be issued for 3 years and renewed automatically, assuming the conditions for granting the permit are still met and comply with all rules. Individuals or clubs may register up to five different fixed locations.

GUEST ARTICLE

by Dan KB6NU

ARRL president suggests that we “re-brand” amateur radio

This Week in Amateur Radio recently reported (<https://www.stitcher.com/podcast/this-week-in-amateur-radio/e/51325707>) on a speech given by ARRL president, Rick Roderick, K5UR, at the 60th annual West Virginia State ARRL convention held August 25th at WVU Jackson’s Mill Conference Center. Here are some things that he had to say:

“Are we even relevant anymore as ham radio operators? Well, let’s see: We’re world communicators. We provide public service. We help in emergencies and disasters. We help save lives. We talk to the jungles of Africa...to the beaches of the South Pacific. We bounce signals off the moon. We talk to astronauts. We promote technology. We do positive things. So absolutely—we are relevant.

“We’ve got to accept change and we’ve got to adapt if we’re going to bridge that gap to that next generation. So the question that I have here that I have challenged my colleagues at ARRL with is this: is it time to rebrand ham radio? Maybe we need to rebrand the American Radio Relay League. That’s a pretty profound statement.”

Of course, I agree with K5UR on this and said so myself (<https://www.kb6nu.com/are-we-amateurs-or-what/>) several years ago. Unfortunately, according to the report, he retreated to the same old ideas that the ARRL has been spouting for years:

“Well I think we ought to get out there and stir things up. That’s what I think we ought to do. I think you ought to go back and rejuvenate your club. Over the next year, get somebody into ham radio. The second thing I want you to do....I want you to help a ham that needs your help. And the third thing I want you to do is—if you’re not a member of the American Radio Relay League, you need to join today...because you know that whether you like us or not, we’re all you’ve got; ain’t nobody else in Washington DC helping us. I want you to ask yourself this question: don’t you think it’s time to give something back? Now I believe as a group, if we all did that we’ll make a difference in this hobby as we go forward. Be a champion of ham radio. Let’s work together and get it done. Thank you very much.”

I’d like to challenge K5UR and the ARRL to really stir things up. There are lots of us out here giving back by teaching classes, conducting exam sessions, and helping hams get on the air. That’s not the problem.

What we need from the ARRL is real leadership, not just talk. Exhorting the troops is only going to go so far. For most hams, amateur radio is only a hobby, and they do what they can. It’s really up to the ARRL to provide the leadership that ties it all together and provide the framework that will allow us all to be successful.

Saying, “Whether you like us or not, we’re all you’ve got; ain’t nobody else in Washington DC helping us” doesn’t really cut it. You have to show people that you’re really making a difference, not just say you are.



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 !](#)

Only 1 item remains

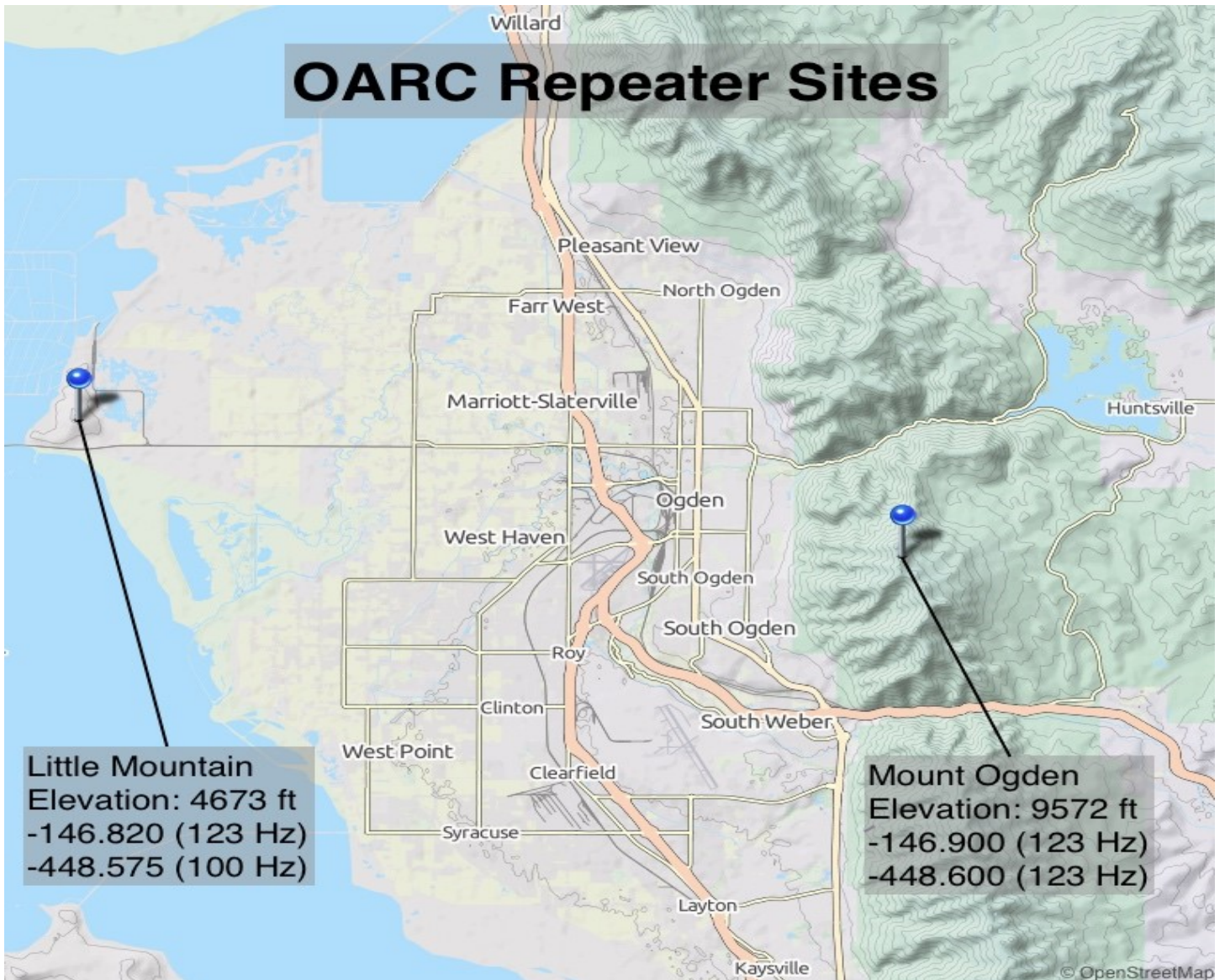
CONTACT: Dave Sanders (K7RGY) at (801) 745-5809

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
CSEGR	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

73 es cul de W7SU

www.OgdenArc.org