



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

FEBRUARY 2017

Next Club Meeting/Activity

Riverdale Fire Station



Jason Miles KE7IET
President



Mike Taylor KE7NQH
Vice President



Ceva Cottrell KE7IEV
Secretary



Jerry Cottrell KG7IGW
Treasurer



Mike Neal K7MLN
Program Director



Dave Mamanakis KD7GR
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETING/ACTIVITY

January Meeting

3rd Saturday 21 January 2017 @ 9:00 AM

Riverdale Fire Station

Mike Fullmer KZ7O

“ANTENNA FUNDAMENTALS”

NEXT CLUB MEETING/ACTIVITY

February Meeting

3rd Saturday 18 February 2017 @ 9:00 AM

Riverdale Fire Station

Get to Know Your Fellow Hams

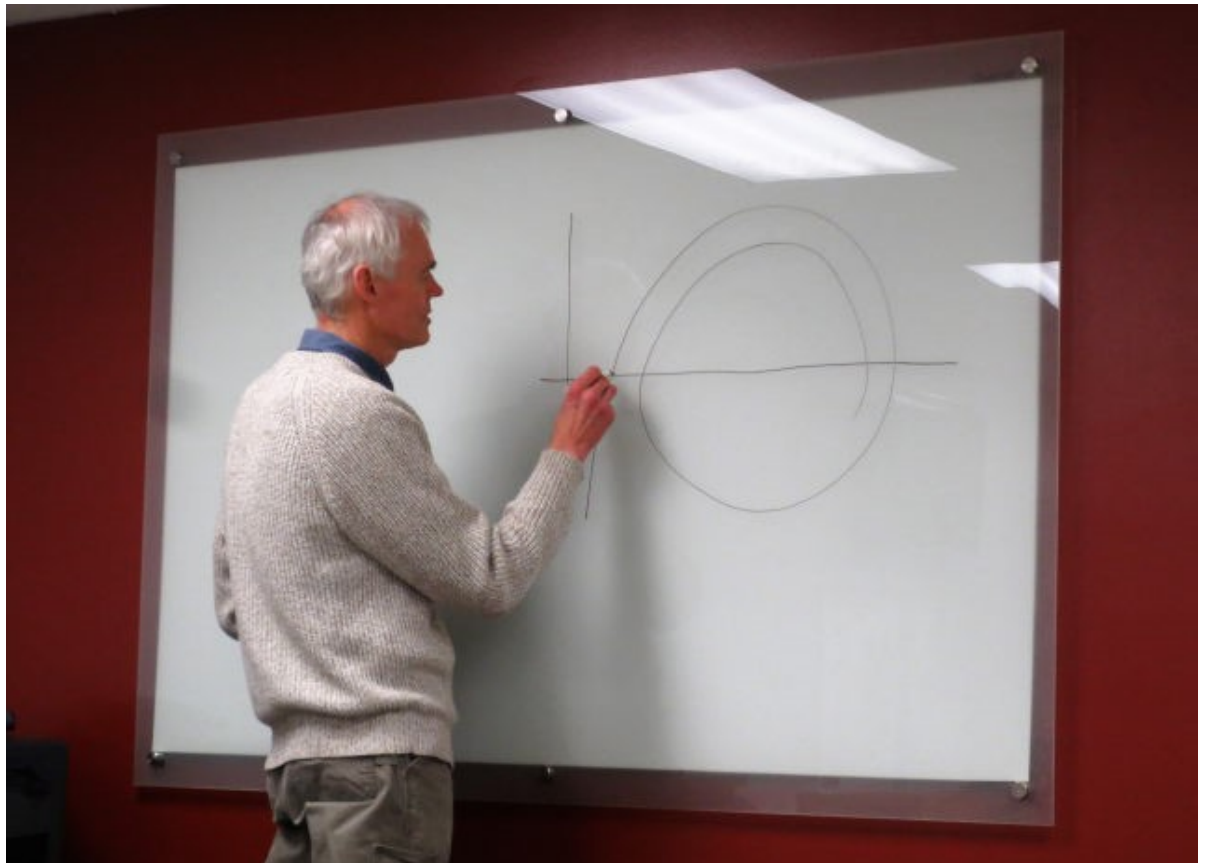
and

Homebrew Show & Tell

PREVIOUS MEETINGS PICS

Club Photographer ... Ceva Cottrell KE7IEV







From the Shack of KE7IET



Jason Miles KE7IET

First, I'd like to thank Mike Fullmer KZ7O and Scott Willis KD7EKO for the work they do in maintaining the repeaters. Just before Mike's presentation on antennas in January, we had a short discussion about the status of the repeaters. As many of you already know, the 448.600 MHz repeater on Mount Ogden is not functioning properly. If you attempt to use it, it sends a continuous tone for a couple of minutes, sends its ID, then stops. Unfortunately, the snow at the nearly 10,000-foot peak makes servicing the repeater during the winter nearly impossible. There have been discussions about a more automated solution to this type of problem in the future, and a solution will likely be implemented this summer.

Thanks go also to Ogden City (who owns the Mount Ogden repeater site) and the US Air Force (who owns the property under the Little Mountain repeater site). In the few years that I've been involved with club leadership, I've never seen a rent bill from either agency.

Second, please take a moment to find the club's YouTube channel (<https://www.youtube.com/channel/UCWk5mCpQPOM67LCPjJ0605Q>). Mike Neal K7MLN took the initiative to start this channel late last year. So far, our October 2016 (logging software) and January 2017 (antennas) meetings have been uploaded. Thank you to Mike for recording, editing, and uploading the videos.

As I mentioned in January's meeting, I am concerned that some in the club may not know how to configure their radios to work with repeaters. In this article, I want to explain some of the basics. Please note that I'll only comment on using plain analog FM functionality. I don't own a digital voice radio, so I can't be much help there.

Configuring a radio for repeater work comes down to a few simple settings:

Output Frequency

Offset Direction

CTCSS Tone

Continued ...

Output Frequency: When a repeater is referenced by its frequency, this is the frequency. This is the frequency on which the repeater transmits. For example, we have two repeaters on Mount Ogden. We call them the “146.900” and “448.600” repeaters. This means that they transmit on 146.900 MHz and 448.600 MHz respectively. When you configure your radio, you’ll set the VFO to this frequency.

Offset Direction: The offset is what makes the repeater a repeater. The offset is actually made up of two settings: the offset direction and the offset amount. Fortunately, the offset amount is nearly always a fixed amount. For 2-meter repeaters, the offset is nearly always 600 kHz (0.6 MHz). For 70-centimeter repeaters, the offset is nearly always 5 MHz.

The offset direction determines whether the repeater is listening for your signal above its output frequency (“+” or “positive” offset) or below its output frequency (“-” or “negative” offset). Following are the offset conventions in Utah:

- 2-meter repeaters with output frequencies between 146.000 and 146.999 MHz have a negative offset.

- 2-meter repeaters with output frequencies between 147.000 and 147.999 MHz have a positive offset.

- All 70 centimeter repeaters in Utah have negative offsets.

For modern transceivers, you’ll likely need to set the offset direction and amount. The transceiver will then do the math automatically to set the proper transmit frequency. For example, our 146.900 MHz repeater has a standard negative offset. That means it listens on $146.900 - 0.600 = 146.300$ MHz. When your transceiver is properly configured for this repeater, you’ll notice that the VFO changes from 146.900 to 146.300 when you press the PTT button.

CTCSS Tone: “CTCSS” stands for “Continuous Tone Coded Squelch System”. CTCSS tones are also known as PL tones or subaudible tones. When your transceiver is configured to use a CTCSS tone, it will send that tone along with your voice audio. Many repeaters require this tone. If the tone is present in your signal, the repeater retransmits your signal. If the tone is missing from your signal, the repeater will ignore your signal.

Continued ...

Three of our club's repeaters (146.820, 146.900, and 448.600 MHz) require a tone of 123.0 Hz. The fourth repeater, 448.575 MHz, requires a tone of 100.0 Hz.

Not all repeaters require a tone. For example, the UARC 146.620 MHz repeater on Farnsworth Peak doesn't require one.

I may continue this subject in the future. In the meantime, please join us on February 18th for our club meeting. We'll be having our annual social and show-and-tell. Bring the items that interest you, and come see what others are doing in the hobby. Additionally, the Utah VHF Society swap meet will be held on February 25, 2017 at 9 a.m. at the Legacy Events Center at the Davis County Fairgrounds. See utahvhfs.org for details.

Jason Miles KE7IET



OARC COMING EVENTS



**2017 Utah VHF Society Swap Meet
Saturday 25 February 2017 9am - 12pm**

OARC Tech Class

Wednesdays May 2017

Weber Co VE Test Session

Wednesday 07 June 2017

CLUB NEWS

A Radio Story

Long long ago and far away, back in the early seventies in Colorado Springs some of my co-workers expressed a desire to get their ham license. We began having sessions in the evenings at my house with Wendel, Steve and Jim. After one of the classes, one of the guys suggested that we turn on the rig to see what might be on. I put the radio on 15 meters and began tuning across the band. Since it was nearing dusk, the primarily daytime band sounded dead. Suddenly we came across one station on the band coming in loud and clear. It was a ZL station from New Zealand calling CQ. I picked up the mike and gave him a call. He came right back to me. He was in the US navy stationed in Christchurch. When he found out we were in Colorado Springs, he requested that we give his father (who was also a ham) a call and see if he could get on the air. When he said his father's name Steve said "I know him. I used to work with him at a car parts store". He also said he had met the son when he came in to see his father at the store. We called the dad and he came up on the air, but shortly after they made contact the band went out completely.

All three of the guys got their novice license. Wendel became very active on CW, Steve went to work for the CIA and last I heard, Jim went back to driving truck hauling explosives.

Stan WOKP

CLUB NEWS

VOLUNTEERS NEEDED

I would like to ask for volunteers to help me with a "ham radio program" at the Veteran's home. It is scheduled for Wednesday 8 Mar17 at 10:00AM. My tentative plan is as follows:

- ◆ Be in the large conference room at the home near the front lobby
- ◆ Play the Walter Cronkite video
- ◆ Play the "Little Gilbert" video
- ◆ Demonstrate code with an audio oscillator and old Morse Code with my telegraph sounder.
- ◆ Have my HF transceiver there with inside antenna and tune around the bands to let them hear what's on the airwaves such as AM, CW, SSB, time signals, digital signals etc.

This will probably take one half hour.

If several hams have handhelds we could move around the audience and have them communicate via repeater to club members in the parking lot or around town.

If no one is available, I would just have my police scanner there to let them listen to activity on the repeaters, police radio etc

One of the patients there is a ham. I suspect that me or a group of us could take turns visiting him maybe once a week just to talk to him..

TNX

Kent, WA7AHY

CLUB NEWS

HAM and EGGS Net

Tuesday Evenings at 7:00 PM Mountain Time

Mt Ogden 2 meter repeater 146.90 Mhz (-5 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: Mike Neal K7MLN@hotmail.com

CLUB NEWS

Next OARC Licensing: Technician Class ...

Wednesday 03, 17, 24, 31 May 2017

Next Weber County VE Test Session ...

Wednesday 07 June 2017

HOBBY NEWS

Utah VHF Society Swap Meet ...

4th Saturday 25 February 2017 @ 9:00 AM

[details](#)

HOBBY NEWS

TECH CLASS & VE TEST SESSION

Davis County

The Davis County Amateur Radio Club is pleased to announce that they will be sponsoring a Technician Licensing Class.

It will be held in the lower level of the Layton City building located at 437 N Wasatch Drive, Layton, Utah, 84041.

There is no cost to take the class.

We will be using the Technician License Course book by Stu Turner. The books sell for \$21.95 plus shipping if you order them online but the Davis County Amateur Radio Club is selling them for only \$20.00.

The class starts on 5 January 2017 every Thursday evening from 6:00 – 8:30 PM thru 28 February 2017. Followed in 6 days by the testing session in Clearfield on 1 March 2017.

For more information or to buy a book contact Spencer Mark at ae7io@arrl.net.

HOBBY NEWS

Calling All Hams!!!! Two Great Events In 2017

This year there will be two great events in Utah for the Amateur Radio hobby in 2017. WIMU Hamfest in June which is the ARRL State Convention, and the Utah Digital Communication Conference ARRL event in March. We hope you will be able to attend both of these events. More information is below.

Utah Digital Communications Conference - March 25th, 2017 Sandy, Utah

Inspired by ARRL and TAPR National DCC conference, Utah is hosting an event similar in nature. The conference will be a fusion of amateur radio communications and maker topics. This conference will focus on the amateur radio hobby that surrounds utilizing digital modes. Current emerging topics such as digital modes for emergency communications and building your own components will be presented on. Go to www.utah-dcc.org to register and more information.

WIMU Hamfest - June 16-18, 2017 Bear Lake Utah

The great Wyoming Idaho Montana Utah Hamfest is back! We are pleased to announce the revival of the WIMU Hamfest. This great traditional hamfest will be held in Bear Lake, Utah, June 16-18, 2017. Bear Lake is a great destination point for families to vacation while attending the hamfest. Activities will be held at the Garden City Conference Center and Park. Activities include: Outdoor vendors, swap meet, women and youth/child activities, fox hunt, special event station, and much more is planned for the hamfest. Go to www.wimuhamfest.org to register and more information

Mike Neal K7MLN

HOBBY NEWS



WIMU Hamfest

We are pleased to announce that a site and date has been secured for the 2017 WIMU Hamfest.

It will be held on June 16, 17, 18 2017
Location: Garden City, Utah on Bear Lake.

Space has been reserved at the "Town Center" with additional space at the city park Bowery where a pancake breakfast will be served Sunday morning as well as closing meeting and main prize drawings.

Two very large rooms will be used for meetings, women's activities, kids activities and bingo. Perfect outdoor location is being supplied for the swap meet and very large lawn area for outdoor games and dealer booths.

There is a large RV park next door which will start taking reservations in January. They also have tent spaces and ATV rental. So far we are planning on having lunch available Saturday with a pancake breakfast Sunday morning. Costs will appropriate for families.

More information on that site will be on our website shortly when we build it under

"wimuhamfest.org".

Please save the date and spread the word. Thank you, hope to see you there.

Larry Jacobs - WA7ZBO

John Jacobs - W7DBO



Wouldn't this be a Happy Holiday happening if this was your paid advertisement?

This full page Kenwood ad was placed upside down in the QST January issue on page 152.

ARRL
The national association for
AMATEUR RADIO

Customer Support/Distribution Customer Support
www.kenwood.com/usa (110) 537-8235 Fax: (310) 698-4200

APRS (the Automatic Packet Reporting System) is a registered trademark of Wislart (Mr. Bob Birmingham).
D-Star is a digital radio protocol developed by ARRL (Japan Amateur Radio League).

- ▶ APRS compliance using packet communication to exchange real-time GPS position information and messages
- ▶ Compatible with digital voice mode D-STAR digital amateur radio networks
- ▶ Built-in high performance GPS unit with Auto Clock Setting
- ▶ Wide-band and multi-mode reception
- ▶ 1.74" (240 x 180 pixel) Transflective color TFT display
- ▶ IF filtering for improved SSB/CW/AM reception
- ▶ High performance DSP based audio processing & voice recording
- ▶ Compliant with Bluetooth, microSD & Micro-USB standards
- ▶ External Decode function (PC Decode 1.2kHz IF Output, BW:1.5kHz)
- ▶ Free software for Memory and Frequency Control Program
- ▶ Data Import / Export (Digital Repeat List, Call sign, Memory Channel)
- ▶ Four TX Power selections (5/2/0.5/0.05 W)
- ▶ Dust and Water resistant IP54/55 standards



KENWOOD

TH-D74A 144/220/430 MHz Tribander

APRS® / D-STAR®
New



This is one smart ham. I don't believe I have ever seen a real estate advertisement in the QST magazine but this one was published on page 118 of the January QST.

HOA antenna restrictions have become such a problem around the country that this ham stands to benefit from the sale of his non-restricted property, including towers and antennas, to the tune of \$895,000.

How would you like to be consistently told that you have the strongest signal on the band! Do it from Sunny Florida with no HOA restrictions!



I am selling my QTH in Wellington, Florida, near West Palm Beach. Fully approved and inspected 4 Element SteppIR beam at 60 feet on a motorized crank up tower with ORION rotator. Many other antennas including 80 Meter Inverted Vee, Full Size all band flat top with open wire feeders, 160M sloper, all band Vertical, 2m/432 Az/EI on separate stub tower, separate 6M Beam on Stub Tower, 2m Vertical, and room for many more.

One of Florida's most prestigious communities. 4,774 sq. ft. custom home. 4 B/R, 3.5 BA, 20'x17' family room, plus 15'x25' den/office/hamshack with 240V service. Oversized 3 car garage. Heated pool, 1800 sq. ft. screened deck. 1.24 Acres in exclusive neighborhood.

1/2 court basketball court, 10x30 screened patio, accordion hurricane shutters on every door and window. Florida's highest rated public schools. Built in 1993. 2 bedrooms on the main floor, plus a second floor with two additional bedrooms and recreation room. 3 Zone air conditioning, with super high efficiency units.

First floor den is 15x25, which I have separated using a movable partition into a 16x17 office/ham station, and a 8x15 workshop. Office/ham station has a 15 foot wall of built-ins providing massive storage space. Beautiful wooded and landscaped lot. Local schools all "A" rated, with Palm Beach County's highest rated elementary school one block away. Great location, 12 miles from the ocean, 20 minutes to Palm Beach International Airport, and 1 hour to Miami International. Local shopping within a mile and a major regional mall 6 miles away. 10 Minutes to Turnpike, 20 minutes to I-95. Of course, tennis, golf, equestrian trails, private airstrip, all within a few minutes' drive or bike ride.

This is a dream location, in an area of Florida where nearly every other community has deed restrictions against any kind of exterior antennas. I have enjoyed this QTH for 20 years, but time has come to move on to something smaller. Priced below comparables at \$895,000. House across the street sold at \$1.4 M and next door recently custom built for \$1 Million. Contact K4YV@bellsouth.net for details or 561-753-4947.



Good news--a step closer if the Senate gets their act together.

73, Terry K7MPP

The Amateur Radio Parity Act of 2017, HR555, has passed the House of Representatives by unanimous consent

January 24, 2017

Just 10 days after being introduced, the 2017 Amateur Radio Parity Act legislation, H.R. 555, passed the U.S. House of Representatives this week on unanimous consent under a suspension of House rules. The bill's language is identical to that of the 2015 measure, H.R. 1301, which won House approval late last summer after attracting 126 co-sponsors, but failed to clear the U.S. Senate last fall as the 114th Congress wound down. The new bill, again sponsored by Rep. Adam Kinzinger (R-IL), was introduced on January 13 with initial co-sponsorship by Rep. Joe Courtney (D-CT) and Rep. Greg Walden, W7EQI (R-OR), who chairs the influential House Committee on Energy and Commerce.

"The grassroots effort of Amateur Radio operators across this nation in support of the Amateur Radio Parity Act has been remarkable, nothing like we have ever seen before," ARRL President Rick Roderick, K5UR, said. "To all hams, keep going! Now is the time to charge forward with that same momentum to the Senate. We can do it!" The bill arrives in the U.S. Senate with ample time in which to garner its approval through an education campaign.

"We're very encouraged by the speed with which this bill made it through the House. It's amazing that this happened," said ARRL Hudson Division Director Mike Lisenco, N2YBB, who has been at the forefront of the legislative initiative. "With the help of ARRL members, we believe we can get this done," Lisenco continued. "We came within a hair's breadth last time, with 110,000 e-mails to members of both houses of Congress, as well as letters and telephone calls. Member participation in this final push is critical."

H.R. 555 calls on the FCC to establish rules prohibiting the application of deed restrictions that preclude Amateur Radio communications on their face or as applied. Deed restrictions would have to impose the minimum practicable restriction on Amateur Radio communications to accomplish the lawful purposes of homeowners association seeking to enforce the restriction

Dr Joe Palsa—Virginia Section Manager K3WRY@ARRL.ORG

ARRL Virginia Section—Section Manager: Dr Joseph G Palsa, K3WRY k3wry@arrl.org

GUEST ARTICLE

By Dan, KB6NU

Dan missed our publication date this month.

Sorry!



Club Swapmeet



“SALE” or “WANTED” ITEMS NEEDED

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

Visit <http://www.ogdenarc.org/> then click on **Obay-Swap**.

FEATURED ITEMS

SWAP ITEM # 175

FOR SALE:

Rohn 25G style mast tower (1 foot on the side)

Three 9 foot sections with a top mount section.

The bottom section is buried a foot into a concrete block in the ground.

There is what appears to be an old VHF low band business antenna on the mast.

See picture looking up the mast and me pointing at the first joint.

The owner needs it moved as soon as possible, he will pull the concrete base out of the ground.

Located near the 5000 block on Harrison BLVD in Ogden. Make offer. Email is best for more information.

PRICE: MAKE OFFER

CONTACT: Ray White K7RFW, CRWHITE@AIRMAIL.NET

NOTICE

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

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



Club Swapmeet



“SALE” or “WANTED” ITEMS NEEDED

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

Visit <http://www.ogdenarc.org/> then click on **Obay-Swap**.

FEATURED ITEMS

SWAP ITEM # 171

FOR SALE:

Hy-Gain AV-14AVQ Vertical 4 band HF Antenna (10m/15m/20m/40m)

Antenna was used ground-mounted with 4 radials for two years.

Value new = \$189

Good stealth antenna as it is only 18 ft. in length.

It is complete in the original factory box and includes factory manual.

PRICE: \$ 80 (firm), cash only

CONTACT: Larry Griffin AD7GL, 801-388-1894, ad7glqst@gmail.com

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Club Swapmeet



“SALE” or “WANTED” ITEMS NEEDED

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

Visit <http://www.ogdenarc.org/> then click on **Obay-Swap**.

FEATURED ITEMS

SWAP ITEM # 174

FOR SALE:

RFS 1/2" Heliax

RFS 1/2" Heliax new on the roll for \$1.00 a foot. We still have 1000 Ft available and will cut to your length.

This is RFS Cellflex LCF12-50J Heliax cable. It is similar to Andrew LDF4-50A 1/2" Heliax and the connectors fit both cables.

We don't have connectors for this cable but we can show you where you get get them from a number of suppliers starting at \$5.00 each.

PRICE: \$ 1 / foot

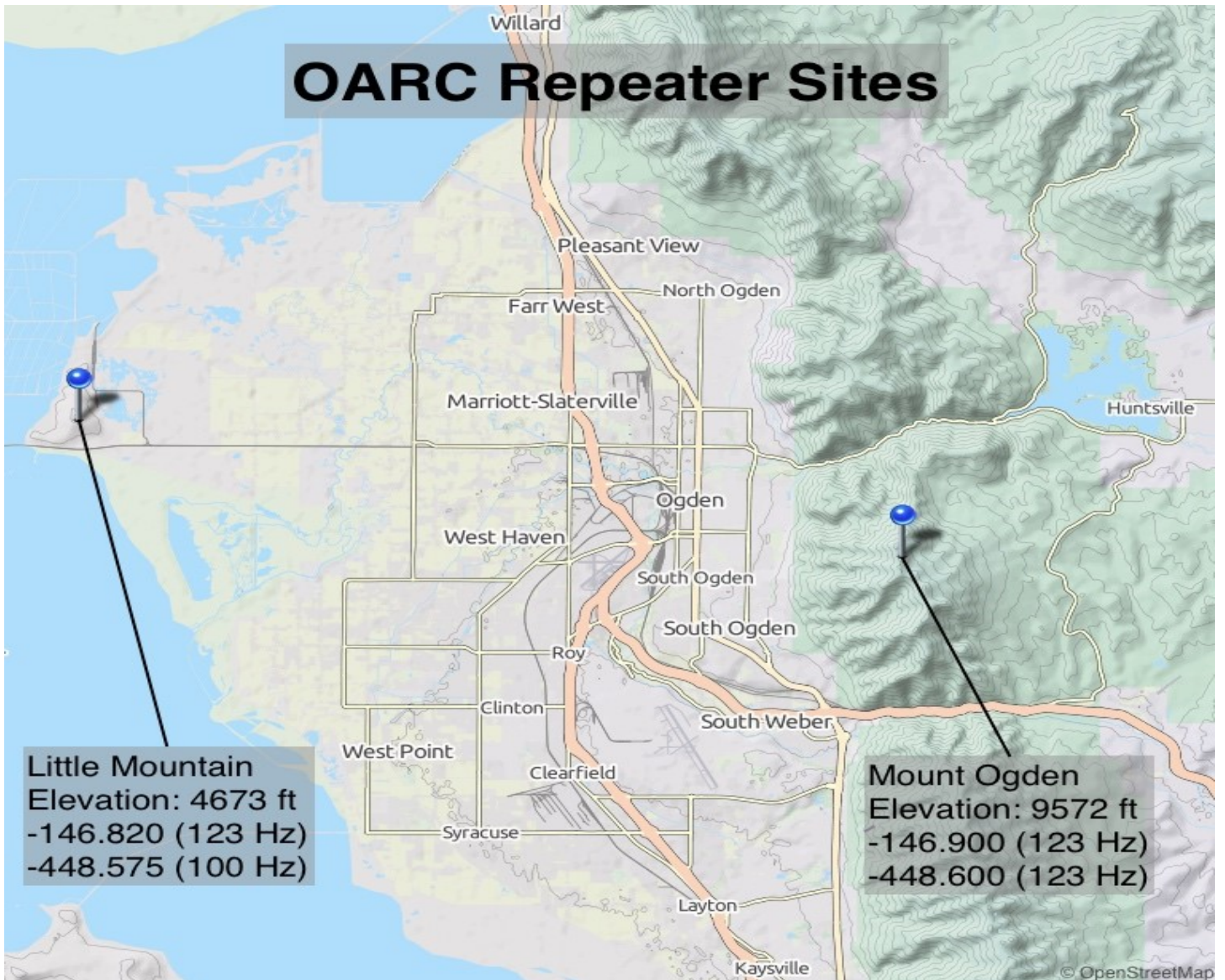
CONTACT: Mel Parkes, NM7P at 801-673-6116 or John Lloyd, K7JL at 801-943-8830 - Payment via PayPal at <http://www.utahvhfs.org/>

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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.

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 (*)	123.0	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 ARES	ogdenarc.org/ join.html#ares	2 nd Thursday 06:30 pm	Weber Co. Library Ogden Utah
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
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: Jason Miles KE7IET

Vice Pres: Mike Taylor KE7NQH

Secretary: Ceva Cottrell KE7IEV

Treasurer: Jerry Cottrell KG7IGW

Program Director:
Mike Neal K7MLN

Activity Director:
Dave Mamanakis KD7GR

"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 KE7IEV

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
Gil Leonard NG7IL

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