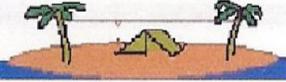




WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

SEPTEMBER 2017

Next Club Meeting/Activity

Joint Swap Meet



Jason Miles KE7IET
President



Mike Taylor KE7NQH
Vice President



Ceva Cottrell KE7IEV
Secretary



Jerry Cottrell KG7IGW
Treasurer



Gil Leonard NG7IL
Program Director



Dave Mamanakis KD7GR
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETING/ACTIVITY

**OARC STEAK FRY
ELECTIONS/RENEWAL/AUCTION
3rd Saturday 19 August 2017**

NEXT CLUB MEETING/ACTIVITY

JOINT SWAP MEET

3rd Saturday 16 September 2017

8:00 am

Bountiful City Park
400 north 100 west
Bountiful, UT

2017-2018 CLUB OFFICERS

President



Jason Miles KE7IET

Vice President



Mike Taylor KE7NQH

Secretary



Ceva Cottrell KE7IEV

Treasurer



Jerry Cottrell KG7IGW

Program Director



Gil Leonard NG7IL

Activity Director



Dave Mamanakis KD7GR

PREVIOUS MEETINGS PICS

Club Photographer ... Ceva Cottrell KE7IEV



This years pictures by Ceva Cottrell KE7IEV and Rick Hansen N7EGA



More pics available on club website <http://OgdenArc.org>







From the Shack of KE7IET



Jason Miles KE7IET

OARC Board Changes

I'd like to thank Mike Neal K7MLN for his service as Program Director over the past year. Unfortunately, other obligations prevented him from standing for re-election. He introduced some good ideas, and I think we'd do well to keep those going.

Thanks go also to Gil Leonard NG7IL, who stepped in to fill the Program Director position. As a reminder, the program director organizes the meetings at the Riverdale Fire Station. If you have meeting ideas, please contact Gil. This is an opportunity for you to voice your opinion on the subjects we cover. Ham radio is a "hobby of hobbies", and I'd like to know what interests you.

Homebrew Battery Packs

I've been fortunate to find some handheld radios for pretty low prices. These tend to be older models that were designed to work with NiCd or NiMH battery packs. By the time the radios reach me, the battery packs have often reached their end of life. To make these radios useful again, I've started experimenting with powering them with LiFePo4 batteries. Here are some ideas.

Before I continue, be aware that your actions with your radios are your responsibility. If you apply too much voltage to your radio, bad things will probably happen. If you puncture or overheat a Li-Ion cell, it might burn your house down. You experiment at your own risk.

The first component to make this work is an AA battery holder. These are available for many handheld radios. The manufacturers intend these to be used with 1.5V alkaline cells. However, the transmitter power is often lower on alkaline batteries than on the radio's normal battery pack. I wanted my radios to run closer to their maximum output.

The second component is the batteries themselves. Lithium-ion (Li-Ion) and Lithium-Iron-Phosphate (LiFePo4) batteries are available in cells that are approximately the same physical size as AA batteries. My experience has been that they aren't exactly the same, but they are close. Look for the 14500 size. (I also tried 14430, but those are too small.) Whether they will fit in your radio's AA holder will depend on the holder and the battery manufacturer's tolerances. I tried one set of batteries in my Wouxun's AA holder, and the fit was a little too tight for my liking. I tried another set in my Alinco's AA holder, and they fit quite nicely.

If you buy AA-sized Li-Ion or LiFePo4 batteries, you'll also need an appropriate charger. Note that a Li-ion charger won't work for LiFePo4 cells unless it is explicitly built for both. Additionally, you'll have to take the batteries out of the AA holder to charge them.

A third component may or may not be necessary. You'll need to match the Li-ion or LiFePo4 voltage to the voltage your radio expects. If your battery holder holds more batteries than you need to get the correct voltage, you'll need to purchase some dummy AA batteries. These are the same size as AA cells, but they just have a solid conductor from one terminal to the other.

Here comes the warning. Li-ion batteries have a nominal voltage of 3.7V, and LiFePo4 batteries have a nominal voltage of 3.2V. Alkaline batteries have a nominal voltage of 1.5V. **THEY ARE DIFFERENT!** It is your responsibility to get the correct number of cells for your radio.

It is also your responsibility to test the maximum voltage of the battery pack you assemble. A cell's voltage right off the charger is higher than its nominal voltage. I put two freshly charged Li-ion cells in my Wouxun's battery pack, and I was quite surprised to see the voltage at 8.4V, not the 7.4V I was expecting. Fortunately, I didn't burn up my radio.

I'd recommend checking your radio's manual for the voltage it is expecting. This is often listed as a voltage plus or minus a percentage. Make sure you keep your battery pack in that range. I'm fortunate that my Alinco was designed to work with a wide range of voltages. I was able to build a 4-cell LiFePo4 battery pack that produces 12.8V, which is within the radio's specification and lets it put out nearly its full power.

I recently picked up an old Heath dual-band handheld on eBay. I guess I'm a sucker for old radios, and I didn't even know until then that Heath had built a handheld. Anyway, I haven't found an AA holder for it yet, but there's another idea I would like to try. The radio has an external power socket. I purchased a couple of generic, fully enclosed AA battery boxes, and I may try using one of those. I could just find a connector that matches the radio's power socket, then solder the connector to the box's pigtail wires. I could attach the box to the radio with some Velcro. It's not ideal, but it would probably work.

There are a couple of challenges I still haven't overcome. First is the protecting the batteries. My Alinco is still able to transmit when the voltage is low enough to damage the batteries. I've been worried that it will continue to drain the battery even past its safe low voltage. To compound the problem, LiFePo4 cells have a fairly flat discharge curve. This means that the voltage stays close to nominal until right before the battery is exhausted. The window between its "exhausted" state and its "damaged" state may be small and difficult to catch.

The simplest solution would probably be a low-voltage disconnect. If anyone is aware of one built into an AA-sized package, let me know.

The second challenge is matching batteries to radios with less flexible voltage requirements. The article up to this point has assumed that the radio can run on some multiple of either 3.2V or 3.7V. In cases where that isn't possible, it would be nice to have a way to build a pack with finer control. A series resistor or voltage regulator might work, but those would be inefficient. I once saw a segment on AmateurLogic.TV where they tested a variable buck converter that looked promising. It was able to accept a range of supply voltages and produce a user-specified output voltage. It could maintain that output voltage even if the supply voltage varied. Before using it, though, I would need to find out how much RF noise it produces.

As a final thought, you might want to stick to older radios with experiments such as these. If your radio is still covered by a warranty, and if its original battery can still hold a charge, you may want to just use the original battery. I'd hate for someone to cook a brand-new \$600 Kenwood D-Star radio by using a homebrew battery pack. If, however, you want to experiment with an older radio whose battery is dead, this might be interesting.



OARC COMING EVENTS



**Joint Swap Meet
3rd Saturday 16 September 2017**

400 N 100 W in Bountiful— 0800 to 1100 hours.
No charge for table space on a first come basis.

**VE Test Session
1st Wednesday 04 October 2017**

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: Mike Neal K7MLN@hotmail.com

HOBBY NEWS

2nd chance ...

Send a letter to your Senator.

Help out your fellow hams that live in a HOA.

Val, Stan, Larry to name a few.

Takes less than one minute.

Just click the link below.

<https://arri.rallycongress.net/ctas/urge-us-senate-to-support-amateur-radio-parity-act>

From the ARRL:

I am writing to you today because we are at a crossroad in our efforts to obtain passage of The Amateur Radio Parity Act.

Our legislative efforts scored a major victory in our campaign when The Amateur Radio Parity Act, S. 1534 now moves to the Senate, where we need every Senator to approve the bill. This is the companion Bill to H.R. 555, which passed in the House of Representatives in January.

You are one of over 730,000 licensed Amateur Radio Operators living in the United States. Many of you already live in deed-restricted communities, and that number grows daily.

NOW IS THE TIME FOR ALL HAMS TO GET INVOLVED IN THE PROCESS!

- If you want to have effective outdoor antennas but are not currently allowed to do so by your Home Owner's Association, SEND THESE EMAILS TODAY!!
- If you already have outdoor antennas, but want to support your fellow hams, SEND THESE EMAILS TODAY!!
- If you want to preserve your ability to install effective outdoor antennas on property that you own, SEND THESE EMAILS TODAY!!

We need you to reach out to your Senators TODAY! Right away.

Help us in the effort. Please go to this linked website and follow the prompts:

<https://arri.rallycongress.net/ctas/urge-us-senate-to-support-amateur-radio-parity-act>

HOBBY NEWS

Fun and excitement for all. All Ham operators, MARS operators, Military personnel and local community population are welcome to join in.



Drawings will be held every hour on the hour and final drawing for top prizes will be held at 1:00 pm. Must be present to win all but the grand prize. It will be mailed to winner!

We have lots of free stuff to give away

Pre-Registration :
\$50.00 Cash

1st Prize:
ICOM 7300 HF band All Mode Radio

2nd Prize:
Kenwood V71A Dual Band Radio

3rd Prize:
Yaesu FT-2900 Radio

4th Prize:
MFJ 4225MV Power Supply

\$ 1.00 Drawing Prize:
Yaesu FT-60R Handheld

Talk in
146.800 MHZ 100hz tone
146.720 MHZ 151.4 hz tone
147.300 MHZ 100 hz tone OR
146.520 Simplex

Alamogordo Amateur Radio Club 33rd Annual **HAMFEST** Date: 2 Sept 2017

Entry to the event is FREE to all

Pre-Registration Tickets for drawings:
\$ 6.00 if received prior to Aug 20, 2017
\$ 7.00 at the Door
Tables \$ 10.00

FORUMS: Start at 9:00 am and go to 12:00 pm

VE testing starts at 12:00 pm sharp
Please look at our web site to see what to bring

Doors OPEN at 7am to the public

Please Send Registration Forms To:

Alamogordo Amateur Radio Club
Ham Fest 2017
PO Box 1191
Alamogordo, NM 88311-1191
Web Site: <http://www.qsl.net/k5lrw/>

Due to recent changes in regulations,
NO Animals are allowed in the
building unless they are registered
Service Animals.

E-Mail	Name:	Address:	City:	State/Zip	Prize Drawing Tickets: (How Many)	Diner (How Many)	Tables (How Many)	Are you Testing	Tech	Gen	Ex	Y/N
E-Mail	Name:	Address:	City:	State/Zip	Prize Drawing Tickets: (How Many)	Diner (How Many)	Tables (How Many)	Are you Testing	Tech	Gen	Ex	Y/N

Website is; <http://www.qsl.net/k5lrw/>

My home email is rick@nmex.com

Mailing address to my place is;

Richard Norton , 5980 Hwy 54S Unit 3501, Alamogordo, NM 88311-9511

AARC mail box is; AARC, Hamfest 2017, PO BOX 1191, Alamogordo, NM 88311-1191

My Cell is 575-491-4290,

Thank you for all your support: Rick KB7SQF

HOBBY NEWS

Swap meets coming SOON !

Twin Falls Idaho

Sat 23 Sept 2017



SwaptoberFest

Saturday October 14th, 2017, 8:00 AM -Noon



146.72 PL 103.5 * Intertie 449.650 PL 100 * DMR 447.000/447.125

*** B T C West Campus - East Doors ***

1400 North 1000 West Logan, UT- 7:00 AM Set Up

Refreshments

Admission & Tables Free

HOBBY NEWS

Swap meets coming SOON !

Logan UT

Sat 14 Oct 2017

Tailgate Swap Meet

9:00am to 2:00pm

Saturday, September 23, 2017

Brought to you by

Talk-in Frequencies
146.520 simplex
146.760 Repeater (100T)
444.800 D-Star KF7VTM

Please See
www.k7mva.org
for VE testing
Schedual



PLENTY of spaces available for over-night camping

Power available
for testing items



LOCATION:

From I-84 at Exit 173, (Idaho)
go north about a mile to the
KOA Kampground
(on west side of road)

LAT & LON:

42°39.53'N - 114°26.72'W

There will be coffee and food available



ARRL Rocky Mountain Division, Utah Section Manager Message

Rocky Mountain Division Awards There are many hams throughout the Rocky Mountain Division who deserve to be recognized for their selfless contributions towards the betterment of our ham community. We would like honor them, with your help, and the following awards are offered to do just that: Rocky Mountain Division Ham of the Year Award The award is offered to recognize one of our deserving hams who has been an active participant of the ham community and who has contributed greatly to their ham community for the betterment of all of ham radio. Nominees must be over the age of 18. Rocky Mountain Division Young Ham of the Year Award This award is offered to recognize one of our deserving hams, age 18 and under, who has been an active participant of the ham community and who has contributed greatly to their ham community for the betterment of all of ham radio. Rocky Mountain Division Technical Achievement Award This award is offered to recognize a ham who has provided technical contributions for the betterment of our ham radio community. Some examples may include developing an operating mode, ham-related software application, electronic device for use in the ham community, publication of a technical effort in a ham publication, etc. Recipients will receive a handsome plaque suitable for hanging in their shack. For more info go to: <http://www.rockymountaindivision.org/wp/awards/> Upcoming events in Utah for 2017 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. ARRL Rocky Mountain Division Convention Cody, Wyoming 27-28 May 2017 <http://www.wyominghamcon.org/> WIMU Hamfest (ARRL Utah State Convention) - 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 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



Top-Level Domain Name ".radio" Now Available

The top-level domain (TLD) name ".radio" is now available to the radio industry and Amateur Radio enthusiasts, and is reserved for individuals and companies with active interest in the radio sector. The .radio TLD can be used for web and e-mail addresses and will be managed by the European Broadcasting Union (EBU) with support from other world broadcasting unions. Visit the [.radio domains registration site](#) to request a .radio domain.

Individuals or entities in these categories will be accepted for the use of a .radio domain:

- Radio broadcasting stations
- Unions of Broadcasters
- Internet radios
- Radio Amateurs
- Radio professionals (journalists, radio hosts, DJs, etc.)
- Radio-related companies selling radio goods and services

Radio products and services

One or more .radio domain name(s) can be requested during the launch period, which ends on October 31, 2017. The cost for individual radio amateurs is about \$30, including tax.

"The EBU believes radio stations should be the focus of this new space on the internet, and considers them our highest priority," the announcement said. "However, other categories of applications from the radio sector will also be considered during this phase."

EBU's .radio TLD Manager Alain Artero suggested that those in the radio community may want to consider securing the integrity of their web presence by requesting appropriate .radio domains "for defensive reasons, initially."

"The TLD will be focused on content and matters specific to radio, and we want to prevent speculation and cybersquatting in this TLD; therefore, this extension will rapidly become a high-value internet space for websites, mail systems, and other internet applications," he continued.

The launch process will not be first come, first served. "The .radio team will seek to optimize domain name allocation to solve contentious issues and prioritize existing radio services," the EBU announcement said.

Starting in November, first come, first served rules will apply, although eligibility requirements remain the same.

For more information, visit www.nic.radio.



FCC's Updated Rules Governing Personal Radio Services Become Effective on September 28

The FCC recently adopted a comprehensive [reorganization of and update](#) to the rules governing the Personal Radio Services (PRS). These include a wide variety of wireless devices used by the general public for personal communication, including hand-held Family Radio Service (FRS) transceivers, radio-controlled models, Personal Locator Beacons (PLBs), medical implant devices, and others.

In addition to the updated rule changes, the FCC enhanced the General Mobile Radio Service (GMRS) to allow new digital applications, allot additional interstitial channels, and extend license terms from 5 to 10 years. It also allotted additional channels to the FRS and increased allowable power on certain FRS channels from 0.5 W to 2 W. It also updated the Citizens Radio Service (CB) rules to allow hands-free headsets, eliminate a restriction on DX communication, and remove other outdated requirements.

“These changes and others will update PRS rules to be more in line with current public demands for the services and will make the rules easier to read and find information, while also removing outdated requirements and removing unnecessary rules,” the FCC said.



Applicants Must Use FCC Form 605 with “Felony Question,” Starting on September 7

In an August 7 [Public Notice](#), the FCC Wireless Telecommunications Bureau (WTB) announced formally that FCC Form 605, *Quick-Form Application for Authorization in the Ship, Aircraft, Amateur, Restricted and Commercial Operator, and General Mobile Radio Services*, now will ask whether the applicant has ever been convicted of a felony. The FCC said this revision is “consistent with application forms for other Commission services.” The new FCC Form 605 must be used on and after September 7, 2017; the current Form 605 will become obsolete and no longer will be accepted. The change applies to both paper and electronic applications.

“This information enables the Commission to determine whether an applicant is eligible under Section 308(b) of the Communications Act of 1934, as amended, to hold a station license,” the WTB said in explaining the need for a revised Form 605. “In assessing character qualifications, the Commission considers felony convictions... [and] any conviction provides an indication of an applicant’s or licensee’s propensity to obey the law.”

Applicants filing an FCC Form 605 for a new license, a modification and/or renewal of an existing license, or an amendment to a pending application for any of these purposes would be required to answer the felony question. Applicants answering in the affirmative must attach as an exhibit a statement explaining the circumstances of their conviction and spelling out why the applicant believes that granting the application “would be in the public interest notwithstanding the misconduct.”

A “Yes” response will be publicly viewable in the Commission’s Universal Licensing System (ULS), but applicants may file a separate request that the exhibit be treated as confidential. The request would not be publically available. When a Form 605 is submitted in batch form by a Volunteer Examiner Coordinator (VEC), the applicant must [submit](#) the exhibit to the Bureau via e-mail or the US Postal Service; VECs cannot submit these “exhibits,” which must be received within 14 days from receipt of the application.

The WTB said the FCC has consistently applied character standards to applicants and licensees in other radio services, and other Commission forms already ask whether the applicant has been convicted of a felony, so the inclusion of the felony question is nothing new. It was not previously included on Form 605, however.

GUEST ARTICLE

ARRL finally realizes status quo isn't going to cut it

By Dan Romanchik, KB6NU

An item in the July 2017 ARRL board meeting caught my attention. It notes that a committee of staff members was tasked with identifying the challenges facing ARRL and possible solutions. The August 3, 2017 issue of the ARRL Letter ran the following report:

"ARRL Chief Executive Officer Tom Gallagher, NY2RF, presented the report of six Headquarters staffers who had been tasked with identifying the challenges facing ARRL and devising feasible solutions. Specifically, the committee addressed market research findings that have continued to reveal that only a small percentage of new hams join the League, and only about one-half of new hams actually get on the air.

"The committee began with the premise that ARRL must act in order to remain relevant going forward. It proposed instituting a Lifelong Learning Program to focus on developing a clear developmental path for all radio amateurs, from newcomers to established radio amateurs. The committee recommended the creation of new programs and services to increase the knowledge base of newcomers in order to get them active, as well as programs to keep experienced amateurs up to date with changing technology and practice."

The board meeting minutes were a little more detailed:

"Mr. Roderick yielded the floor to CEO Gallagher who presented the report of a committee of staff members tasked with identifying the challenges facing ARRL and possible solutions. The members of the committee - Diane Petrilli, KB1RNF; Norm Fusaro, W3IZ; Becky Schoenfeld, W1BXY; Debra Jahnke, K1DAJ; Steve Ford, WB8IMY; and Sean Kutzko, KX9X, joined the meeting at 9:20 AM, to present this report. Their findings show the importance to ARRL of getting newly licensed hams actively on the air and how that relates to continued growth of the organization. In order to achieve that goal, the committee proposed developing a lifelong learning department, which would address the needs of all amateurs with the focus being on developing a clear knowledge path for all amateurs. They proposed creating straightforward programs and services to enhance the knowledge base of new amateurs as well as to enhance their sense of community within the hobby.

"Another recommendation involved refocusing the priorities of the emergency preparedness department to address the current trends in public service.

"A third recommendation was to improve the value proposition of membership. The committee proposed doing a survey, which would include test material that is targeted to the interests of newer hams. The content would include a strong emphasis on serving communities, agencies, and partners; digital communications, and human interest. Projects would be simple. The survey would obtain information on new ham's interests and needs in the hobby. The survey would also try to determine the delivery system that might best meet the newcomer's desire for receiving this type information (print, digital, messaging, etc). The test material is proposed to be delivered to recipients in fall 2017.

"From the committee's vantage point, the status quo is no longer adequate: we need to have a vision of the future and convey it to our current membership. If we do not convey the need to change the paradigm, the ARRL's relevancy will not move forward."

The good thing here is that the ARRL finally realizes that there are some serious problems. I've written about these in the past. I've challenged the ARRL to set a membership goal of 25% of the licensed amateurs in the U.S (<http://www.kb6nu.com/arrrl-membership-is-25-asking-too-much/>). I've also encouraged the ARRL to play a bigger part in emergency communications research (<http://www.kb6nu.com/go-big-go-early-go-fast-smart/>).

Unfortunately, it appears that the ARRL is approaching this issue in typical ARRL fashion. That is, working on these issues in their little cocoon in Newington and then issuing these statements as if they expect everyone to just fall in line. I quote, "From the committee's vantage point, the status quo is no longer adequate: we need to have a vision of the future and convey it to our current membership." That approach is doomed to failure. Any "visioning" or strategic planning that doesn't get the membership involved right from the start just isn't going to work.

The ARRL HQ staff just doesn't have the horsepower to pull this off properly. The staff is already pretty bare bones, and they still have to publish QST every month, keep Logbook of the World running, process thousands of license applications, etc., etc. The only way this is going to be a fruitful effort is if they get members—and lots of them—involved in this process.

If you agree with me, please let your director know. Contact your director and tell him that you want to be involved. The status quo of having the HQ staff not working with the membership "is no longer adequate." That's how we got here in the first place.

--

Dan, KB6NU, is the author of the "No Nonsense" amateur radio license study guides and blogs about amateur radio at KB6NU.Com. You can email him 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 <http://www.ogdenarc.org/> then click on **Obay-Swap**.

FEATURED ITEMS

SWAP ITEM # 177

FOR SALE: 60ft crank up tower. Aluma model T-60HN.

Includes 120V winch, tilt base plate, YAESU G-800SDX and G-500A rotators, guy wires and house bracket.

PRICE: \$4000

CONTACT: John N7WZ, 208 520 3537 (leave message)

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 in ball.

PRICE: \$3000

CONTACT: John N7WZ, 208 520 3537 (leave message)

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 # 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

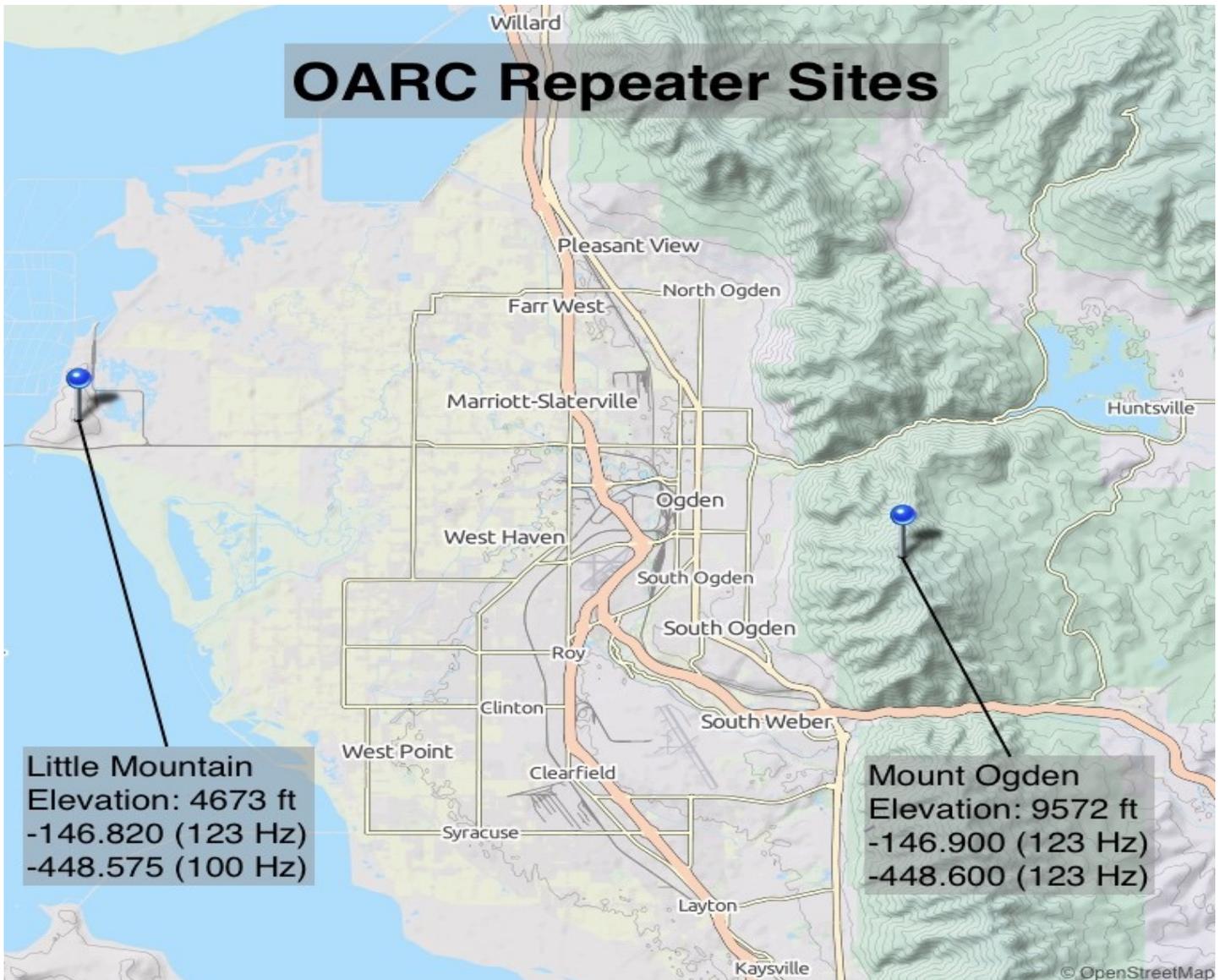
CONTACT: Ray White K7RFW, CRWHITE@AIRMAIL.NET

NOTICE

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

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

CLUB 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 (*)	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 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: Jason Miles KE7IET

Vice Pres: Mike Taylor KE7NQH

Secretary: Ceva Cottrell KE7IEV

Treasurer: Jerry Cottrell KG7IGW

Program Director:
Gil Leonard NG7IL

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

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www.OgdenArc.org