



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

MAY 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

April Meeting

3rd Saturday 15 April 2017 @ 9:00 AM

Riverdale Fire Station

**Solar Powered Station – A Buyer’s Guide by
Chris Clement K7CTC**

NEXT CLUB MEETING/ACTIVITY

May Meeting

3rd Saturday 20 May 2017 @ 9:00 AM

Riverdale Fire Station

Topic

Portable Operations

By Nolan Tilby KC7NT

PREVIOUS MEETINGS PICS

Club Photographer ... Ceva Cottrell KE7IEV











From the Shack of KE7IET



Jason Miles KE7IET

First, I'd like to thank Chris Clement K7CTC for his presentation on solar power in April. We definitely benefit from the research he put into his solar projects. I came away from the meeting wanting to pick up some items based on Chris's recommendations.

As I've mentioned before in this column, I'd like to do a SOTA activation at some point. I have a Youkits HB-1A, which is a small, three-band, CW-only, QRP transceiver. That's likely the transceiver I'll take, but it's no longer my only option.

During a recent Ham and Eggs net, I mentioned that had I ordered a BITX40. This is a new transceiver kit available from "HF Signals" (<http://www.hfsigs.com>), a company in India founded by Ashhar Farhan VU2ESE. It is a 40m (monoband), frequency-agile, QRP, sideband transceiver, and it sells for \$59 shipped. The kit arrives with the PCB already populated. The builder just needs to provide his or her own enclosure, then put in the work to mount the board and the included hardware into the enclosure.

When the BITX40 kits first became available, they came with an analog VFO. If desired, you could swap the analog VFO for an Arduino-controlled digital VFO, but you had to provide the parts and programming yourself. Today, the kit comes with the digital VFO, which takes the form of an Arduino-compatible board (a "Raduino"), Si5351 frequency synthesizer, and 16x2 LCD.

The photo that accompanies this article shows the kit as it arrived at my house. It was packed in a plastic box which you could probably use as the enclosure. As mentioned before, the soldering on the PCB is already done, including headers for the external controls and connectors.

Continued ...

The 16x2 LCD came already attached to the Raduino. Finally, the kit includes a bundle of wire and a bag of connectors, controls, and hardware. It even comes with an electret microphone cartridge. By the way, someone wrote an article in the April 2017 “QRP Quarterly” magazine on mounting this cartridge and the kit’s momentary switch in a scrap piece of PVC to make a handheld microphone with PTT.

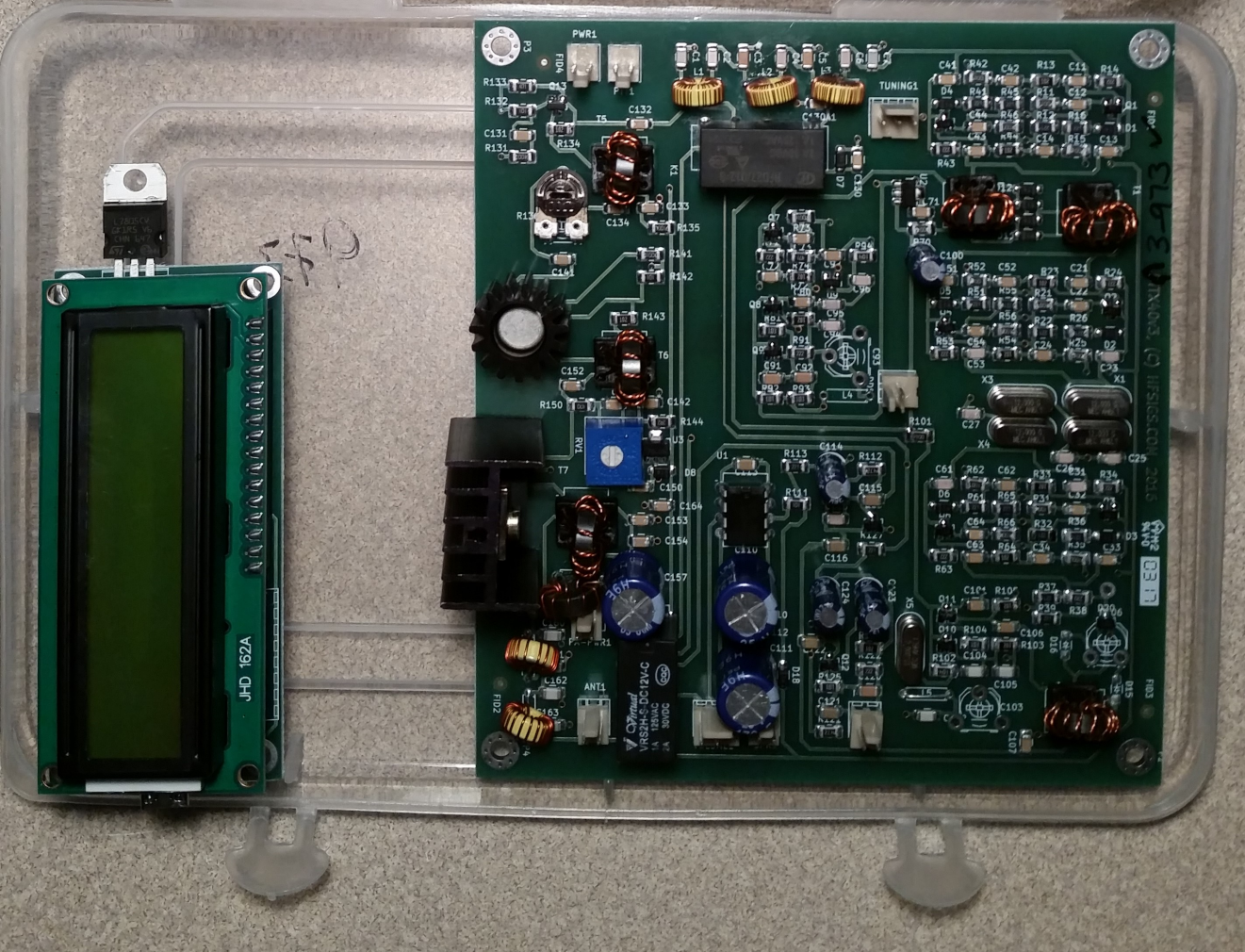
The BITX plans have actually been around for quite a while longer than the kit itself. If you’re looking for a bigger project than the current kit would provide, you can read Farhan’s article at <http://www.phonestack.com/farhan/bitx.html>. The schematic is there, although I think I’ve heard that the kit has some differences.

During my first few years of amateur radio activity, I wanted to get into HF but I didn’t have a lot of money. At the time, Kim Owen KO7U told me that you could get into HF for less than \$100 if you were willing to operate CW. Now, you can get on HF sideband for less than \$100, albeit on a single band. I guess I should have had more ambition back then and scratch-built a BITX from the schematic.

By the way, I’ve heard that the BITX40 kit was not meant to be a black-box appliance. It was intended to be an experimentation platform, and there are numerous modifications documented on the internet. Recently, the SolderSmoke podcast told of modifications to put this kit (which normally operates 40m LSB) on 60m USB. They’ve also mentioned feeding the kit’s final amplifier with 24v instead of 12v to significantly boost the output power. (Make sure you research before doing that modification so you don’t burn up your kit.) There is a Yahoo group at <https://groups.yahoo.com/group/BITX20/> where modification ideas are collecting. For example, some on that list are trying to get the kit to send CW.

To be fair, I have not yet had time to assemble and operate my kit. However, you can find others’ testimonials online. Randy Hall K7AGE built one and documented it on Youtube. Bill Meara N2CQR from the SolderSmoke podcast has more than one, and he’s praised it numerous times on the podcast.

I’m looking forward to building and operating this kit. If I manage to find time for a SOTA activation, I may even take it with me.



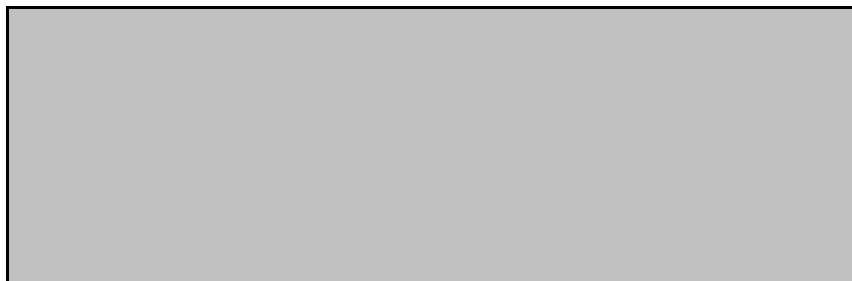
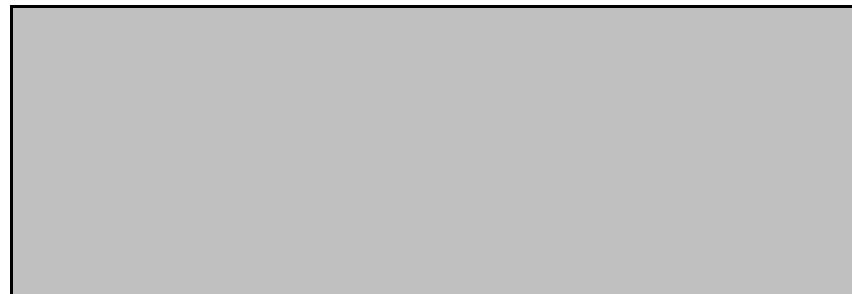


OARC COMING EVENTS



OARC Tech Class
Wednesdays May 2017

Weber Co VE Test Session
Wednesday 07 June 2017



CLUB NEWS

1869 Transcontinental Railroad Golden Spike Commemoration

May 9-May 10, 1500Z-2300Z, W7G,

Promontory Summit, UT. Ogden Amateur Radio Club. 14.255 7.235.

QSL. Ogden Amateur Radio Club, PO Box 3353, Ogden, UT 84409.

1500Z to 2300Z daily.

Lucky contacts may hear actual whistles from the "Jupiter" and "119" replica locomotives.

Visit w7g.org for picture archive of this years events.



CLUB NEWS

Next OARC Licensing: Technician Class ...

Wednesday 03, 17, 24, 31 May 2017

Next Weber County VE Test Session ...

Wednesday 07 June 2017

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

448.575 repeater now has an autopatch

The control codes are:

AB1 - open autopatch

AB0 - handup autopatch

The autopatch has a 2 1/2 min timeout so talk fast. If you time out the patch it will hang up the phone line but will continue to keep the repeater transmitting. If this happens please send the repeater the AB0 handup code to shut it off.

There are two ways to make a call. The first way is to send AB0xxxxxxxxxx all in one string. The 2nd way is to send AB0, wait for the dial tone and then dial your number xxxxxxxxxxxx.

The autopatch will only make local calls.

If you send 100 to the repeater it will tell you the time and temperature and battery voltage.

Everyday at 8am, 12pm (noon), and 6pm it will ID itself and announce the time, temperature, and battery voltage.

If you do not know how to send an A or B, they are on your radio. Your normal phone will not have these, but all radios have them. Look carefully on your keypad.

Mike, KZ7O

Club News

Presentation

By Kent Gardner WA7AHY

My presentation at the Senior Rehab Center last night went very well. Lauralee came with me. As seniors ourselves, we blended right in and had a good and comfortable time with the group and really had a lot of fun too.

There were three women who attended along with the resident manager Scott who was in charge. He was the one who arranged through Jason to have us present the program. The size of the group was disappointing, but the three were very knowledgeable and interested in our subject. We talked mostly about the LDS Church's

Emergency Response Communications (ERC) program. I showed them some pictures of the Bishop's' Storehouse in Ogden and otherwise discussed how the program worked. They already were very knowledgeable about emergency preparedness.

I demonstrated my transceiver, telegraph keys, scanner and handi-talkies.

I showed the following YouTube videos:

Little Dilbert in the Knack (was the hit of the program)

Jay Leno's texting vs Morse code segment

Walter Cronkite Radio Ham

Also, I played the audio of my recording of Air Force One landing at Hill AFB.

I left a few copies of OARC's trifold brochures.

TNX

Kent Gardner, WA7AHY

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

HOBBY NEWS

Happenings

Rick Lindquist, WW1ME, ww1me@arri.org

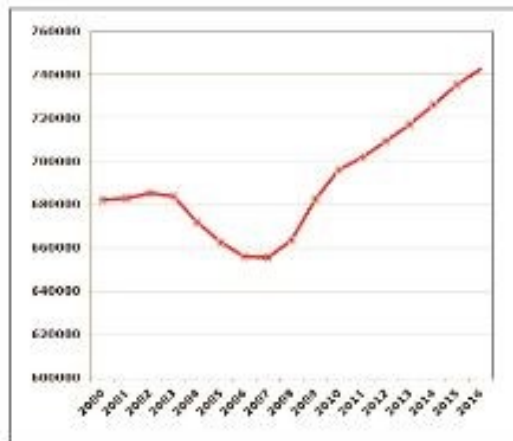
2016 was Another Outstanding Year for Amateur Radio Licensing!

US Amateur Radio population continues upward trend that began in 2007.

2016 was another outstanding year for Amateur Radio licensing, according to ARRL Volunteer Examiner Coordinator (VEC) Manager Maria Somma, AB1FM.

“New Amateur Radio licenses issued were up by 1% over 2015, and this was the third year in a row that the total number of new licenses exceeded 30,000,” Somma reported. She said 32,552 were granted in 2016, 32,077 in 2015, and 33,241 in 2014.

Somma said that while 2014 was a record-setting year for new licenses issued, ARRL VEC “continues to see an elevated interest in obtaining an Amateur Radio license.”



Total Amateur Radio licenses in the US from 2000 until 2016. [Per statistics compiled by Joe Speroni, AH0A]

The total number of US Amateur Radio licensees has continued to grow each year since the FCC eliminated the Morse code exam requirement in 2007. Over the past decade, the net number of Amateur Radio licensees has risen by nearly 87,000, according to statistics compiled by ARRL Pacific Section Manager Joe Speroni, AH0A.

As of December 31, 2016, the total number of licensees in the FCC database was 742,787, topping the 2015 total of

735,405, but down just slightly from the all-time high of 743,003 reached last November.

HOBBY NEWS

Check this out Unbelievable

<https://www.qrz.com/db/IT9OSF>

IT9OSF—Callsign Lookup by QRZ.com



FCC Proposes Levying Huge Fine on New York Police Radio Jammer

04/17/2017

The FCC has proposed a fine of more than \$400,000 on a Queens, New York, man who has admitted making unauthorized transmissions on New York City Police Department (NYPD) radio frequencies, maliciously interfering with NYPD officers' communications. Jay Peralta, 20, is alleged to have transmitted false bomb threats, false claims of criminal activities involving firearms, false distress calls from purported NYPD officers, and threats against individual NYPD officers. The unauthorized transmissions began a year ago, according to the FCC.

“Through his actions, as he described them to the NYPD, Mr. Peralta has demonstrated not only a deliberate disregard of the Commission's authority and rules, but of the safety of NYPD officers and the public that they are called to serve and protect,” the FCC said in a *Notice of Apparent Liability (NAL)*, issued on April 14. “Commission action in this context is therefore essential to safeguard authorized operations on spectrum licensed for public safety uses, and, accordingly, a substantial penalty appears warranted.”

The FCC said the *NAL* addresses nine unauthorized and interfering transmissions that Peralta has admitted to the NYPD that he made on its radio system. The FCC said Peralta's unauthorized transmissions included false bomb threats, false claims of criminal activities involving firearms, false distress calls from purported NYPD officers, and threats against individual NYPD officers.

FCC Chairman Ajit Pai, said that with the *NAL*, the FCC is making it “abundantly clear that it will not tolerate unauthorized and illegal use of the radio spectrum.” The entire Commission now must sign off on such proposed fines, and Pai said he was grateful to his fellow FCC members for “agreeing to act swiftly and strongly” in the matter. “This may not be a typical pirate radio case in which an unauthorized operator inflicts damage on a radio broadcaster that is operating with a valid FCC license,” Pai said, “but it does involve unauthorized interference to critical public safety communications systems.”

Peralta was arrested last fall along with two other men suspected of committing several robberies. According to news accounts, police found a cache of scanners and radios in one of the suspects' homes.

The FCC said it was alerted by a Twitter post about an unlawful intrusion on the NYPD radio system and dispatched an Enforcement Bureau agent to check it out. On September 30, the NYPD contacted the FCC's New York Office and advised that it had arrested Peralta and another individual in connection with unauthorized transmissions on NYPD's radio system. According to police reports, the other individual arrested — Ricardo Torres, 29, described as “a ham radio enthusiast” in some news accounts — allegedly provided the radios used.

Torres, is said to hold an FCC General Mobile Radio Service (GMRS) license but his name does not appear in the Amateur Radio licensee database. Police said they found 15 portable radios, 9 scanners, roof-top antennas, an amplifier, and assorted other electronics in Torres's apartment.

Peralta has 30 days to pay or contest the proposed \$404,166 FCC forfeiture.

FEATURE ARTICLE

By Kent Gardner WA7AHY

Hints and Kinks

The following are some ideas for your radio shack about how to keep parts/components organized.

It started by finding some parts bins at Home Depot (not Lowes) years ago. I checked recently and found the bins to be slightly different than the ones I had purchased previously, but they are nearly identical and still do the job that they were intended for. They sell for \$4.97 each.



These bins are modern versions of cigar and shoe boxes that hams used to keep their parts in. I have eight plastic bins with the following items.

Nuts and bolts

Screws

Transistors and some Integrated circuits (IC's)

Resistors

Capacitors

Coax connectors

I also have some 1 x 2 wooden cases for IC pullouts and computer components that I salvaged. ICs were pressed into anti-static foam. Both types of bins are shown here on top of my bookcase in my ham shack



Some of you will recognize some memory chips taken from old personal computers in the picture above. They were notorious for failing. A cheap and dirty way to test them was by touching each chip in the memory bank. One could tell that the really hot ones were bad and could be replaced. It was a “touchy” method because you could burn your fingers.

The following picture shows four bins. Clockwise from lower left are coax connectors, capacitors, nuts/bolts and transistors/ICs.



I found that every now-and-again, I would come across surplus components in electronic shops that would be “grab” or “mystery” bags. There was no attempt to identify or sort components. I would also have computers and other equipment that I would salvage some parts or chips from, before recycling the units. In the case of bolts, nuts and screws, I would buy a few more than needed for my jobs and would put the extra items in their special boxes.

The boxes can be thrown in the car for field day or away jobs when needed without having to take an entire parts cabinet.

Some components can be sorted before being put in a case, like this capacitor collection.



Transistors have to be treated differently. The data sheets are hard to come by with surplus items. A volt-ohm-meter (VOM) can be used as follows:

The transistor should be disconnected from any circuits.

Use the lowest ohms scale on the VOM.

Check each diode in the transistor (collector-base, collector-emitter, base-emitter) then reverse the test leads. A good junction will read a high resistance in one direction and low resistance in the other. If the reading is the same in both directions and usually low (100 ohms or less) that junction is shorted. A reading of infinity in both directions shows an open, but is fairly rare.....or you can....

Get one of these gadgets (next page). The M8 tester (a kit).....for less than \$12.00 and that takes a month to be shipped from Taiwan. Club member, Stan Sjol, W0KP showed one at a recent club Show and Tell meeting. It is a real cool device that can make our lives easier.

The M8 will do Automatic detection of PNP and NPN bipolar transistors, N, P channel MOSFETs, JFET field effect transistors, diodes, double diodes, thyristors, resistors, capacitors, inductors and also automatic detection pin definitions.



So, if you are an experimenter, build it yourself or just need to clean up your radio shack, then use this hint and sort out your parts. A one liner Hints and Kinks note about this was published in the December 2005 newsletter.

TNX

Kent Gardner, WA7AHY



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 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/>

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

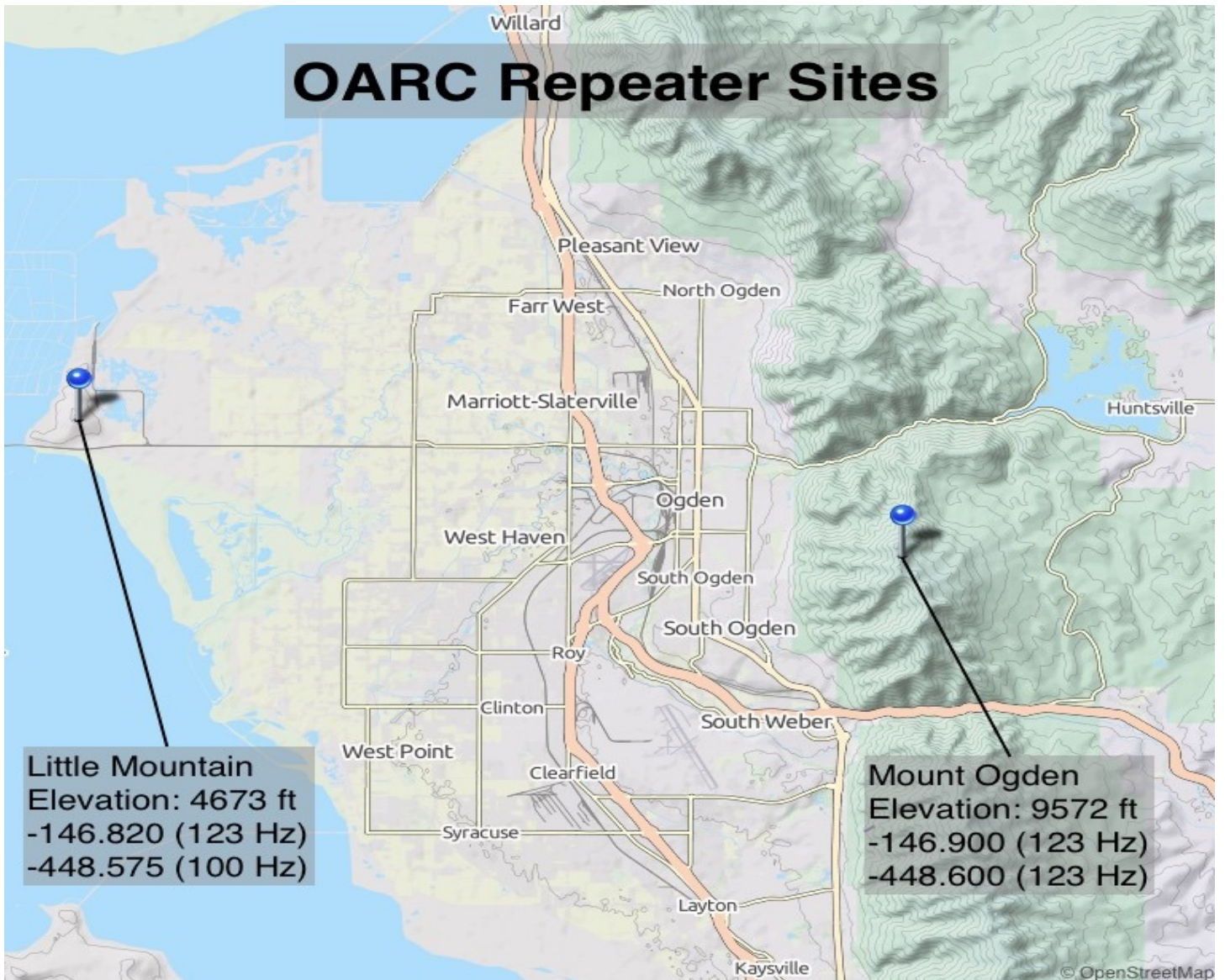
CONTACT: Larry Griffin AD7GL, 801-388-1894, ad7glqst@gmail.com

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 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

73 es cul de W7SU

www.OgdenArc.org