



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

JUNE 2016

Next Club Meeting/Activity

ARRL Field Day



Gil Leonard NG7IL
President



Jason Miles KE7IET
Vice President



Mike Taylor KE7NQH
Secretary



Jerry Cottrell KG7IGW
Treasurer



Pete Heisig WB6WGS
Program Director



Dave Mamanakis KD7GR
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETING

Meeting: Golden Spike Recap

+ Field Day & T-Hunt Prep

Date: 3rd Saturday 21 May 2016

Time: 9:00 AM

Location: Riverdale Fire Station

NEXT CLUB MEETING/ACTIVITY

ACTIVITY: ARRL Field Day Event

Date: Sat 25 June to Sun 26 June 2016

Time: 12:00 PM to 12:00 PM

Location: South Ogden Park – 39th Adams

PREVIOUS MEETINGS PICS

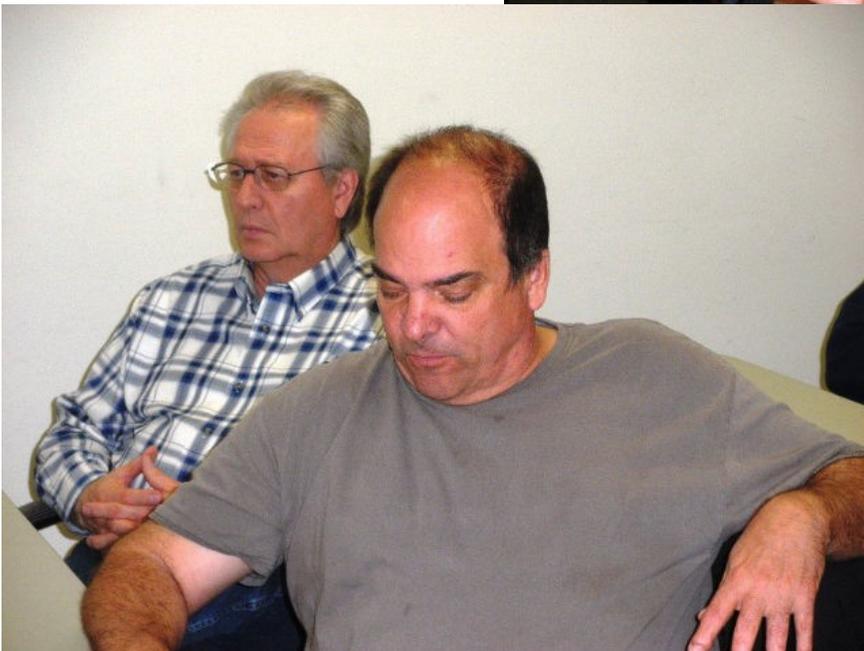
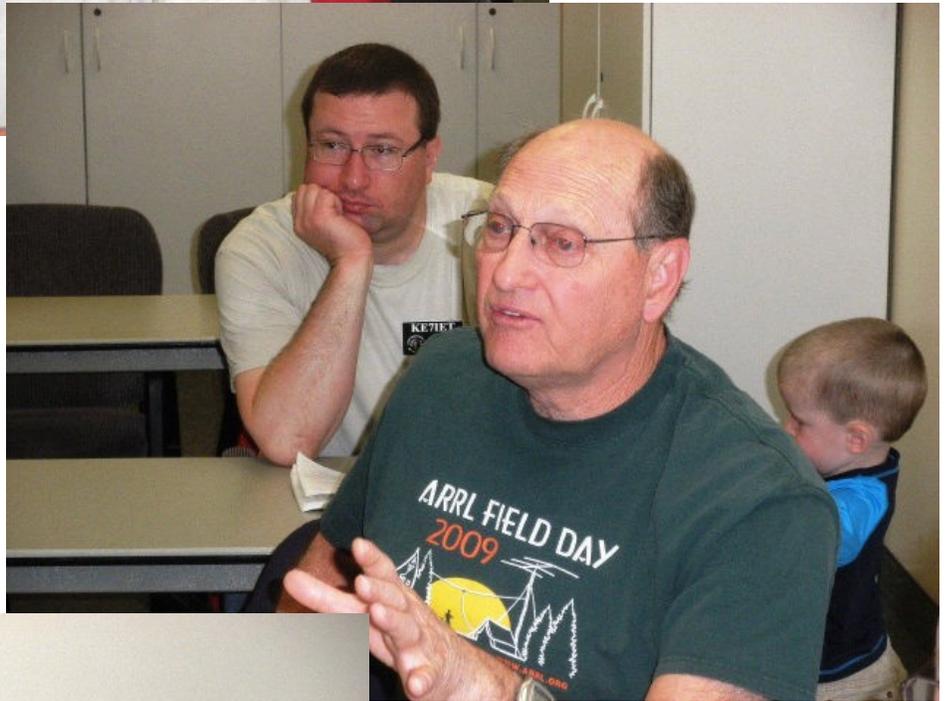
Photos by ...



Ceva Cottrell KE7IEV volunteered to be OARC's QSL manager and Club Photographer.







Mike K7MLN announces the Ham & Egg weekly net.



Welcome ...
First Time Visitors





QRM from Gil



Gil Leonard NG7IL

Field Day June 25-26, 2016

So what is [Field Day](#)? Follow the previous link to get a description from the ARRL. For our club, it is one of two major operating events of the year and is the biggest and best attended.

This year we will be operating from 40th street park in South Ogden. Entrance is best accessed east of Adams Avenue on 39th street.

We will be operating two qualifying transmitters on backup/generator power. This will put us in the 2A category for scoring. The “2” represents the number of transmitters and the “A” designates us as a club. There are several other rules that provide us with points based on our setup and number of contacts. This designation gives us a yardstick to compare our results with other similar clubs and setups. While technically this may be a contest type environment, our main purpose is to have fun and share our hobby with others. It also provides an opportunity for those interested in HF to try their hand at operating. Everyone is welcome regardless of license class.

To properly log a contact with another participating station we will send our “Class” and “Section” and receive/log the “Class” and “Section” of the other station along with their call sign and time. Hence we will send “2A UT” along with our call sign “W7SU”. Our primary mode of operation will be SSB Phone but if you want to try your hand at CW, we will have keys available. All CW contacts count as 2 points. The following link describes the exchange and is taken from the ARRL Field Day Rules 2016.

Continued ...

5. Exchange: Stations in ARRL / RAC sections will exchange their Field Day operating Class and ARRL / RAC section. Example: a three transmitter class A station in Connecticut which also has a GOTA station and the extra VHF station would send "3A CT" on CW or "3 Alpha Connecticut" on Phone. DX stations send operating class and the term DX (i.e. 2A DX).

A full list of section designators can be found here: [ARRL Section List](#).

The schedule of events this year will be as follows:

Saturday, June 25th

- 0900: Meet at park and begin station setup. We will be setting up the antenna masts and antennas along with the radios and our generator. We need help in setting everything up, your help is appreciated, so please come give us a hand.
- 1200: Official start time for making contacts. This is a 24-hour event for us, so feel free to come and operate or observe at any time during this period.
- 1730: Pot luck dinner. The club will be supplying hamburgers and hot dogs. Please bring a favorite side dish or dessert to share. No chips please. In years past this has turned out to be quite a feast!

Sunday, June 26th

- 1200: Station and antenna take down. Just like the setup, only in reverse. We need assistance in taking down the station and getting everything put away. Please come and join us. Again, your help is appreciated.

Please note times listed are local.

Everyone is welcome to join us for whatever time they have available. Bring your family and friends. This is a perfect opportunity to showcase your hobby and some of the capabilities amateur radio can provide. This hobby has something that will interest just about anyone.

If you have a portable station you would like to demonstrate, this is an excellent opportunity to do so. It would be nice to show the public and other hams different equipment such as: QRP, digital, APRS, WSPR, and others.

Best wishes for a Happy Father's day and I am looking forward to seeing everyone on Field Day,

73 de Gil

NG7IL



OARC COMING EVENTS



OARC Field Day Event

Last Weekend 25 & 26 June 2016

The Great Salt Lake Hamfest .org

08 & 09 July 2016

OARC T-Hunt Event

3rd Saturday 16 July 2016

OARC Steak Fry / Elections

3rd Saturday 20 August 2016

*** Free Steaks for all Paid-up Members ***

Joint Swap Meet

3rd Saturday 17 September 2016

CLUB NEWS

**Meet our new Club Photographer
and QSL Manager:
Ceva Cottrell—KE7IEV**

Thank you Ceva for volunteering to serve in these positions.



CLUB NEWS

HAM and EGGS Net

Wednesday Evenings at 7:30 PM Mountain Time

Mt Ogden 70 cm repeater 448.600 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

HOBBY NEWS



US Amateur Radio Numbers Continue to Rise

QST – May 2016

The ARRL VEC conducted over 7358 exam sessions last year.

There were a record number of 735,405 licenses in the US by the end of 2015 which was up by 9130 over 2014.

The radio population has grown by 72,805 over the last 10 years which is nearly a 11 percent growth.

HOBBY NEWS



International Space Station (AR-ISS) completes 1000th QSO from space

QST – May 2016

The ARISS, Amateur Radio on International Space Station, celebrated a major milestone this March—its 1000th school radio contact (QSO) since December 2000.

Unclaimed Club Badges

Our club treasurer is worried about several of you that have not picked up your new pre-paid OARC club badge. Your badge doesn't look quite like this one because it has your call sign and your name on it but we are quite sure you will enjoy yours just the same. You can claim your badge at any future club function, meeting, activity or event or contact our club badge czar Jerry KG7IGW.



<p>KD7RPT, Sparky KF7HNU, Ralph KG7WXB, Jared</p>	<p>KT7JIM, Jim</p>
--	---------------------------



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

**ITEM: 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, ad7glqst@gmail.com,

NOTICE

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

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

REPEATER UPDATE

On May 6th, during a nice spring lightening storm, the Mt Ogden repeaters went down. We assumed a power outage of some kind occurred. On Monday, May 9th, we found out that we were not the only ones without power at the site. The site took a direct lightening hit during the storm and it took out some of the site lightening protection system. Someone with more money than us took a helicopter up to the site on Monday and reset the power. The repeaters came back on. And, the 146.90 repeater is no longer locked in digital mode, but can be used in normal FM again.

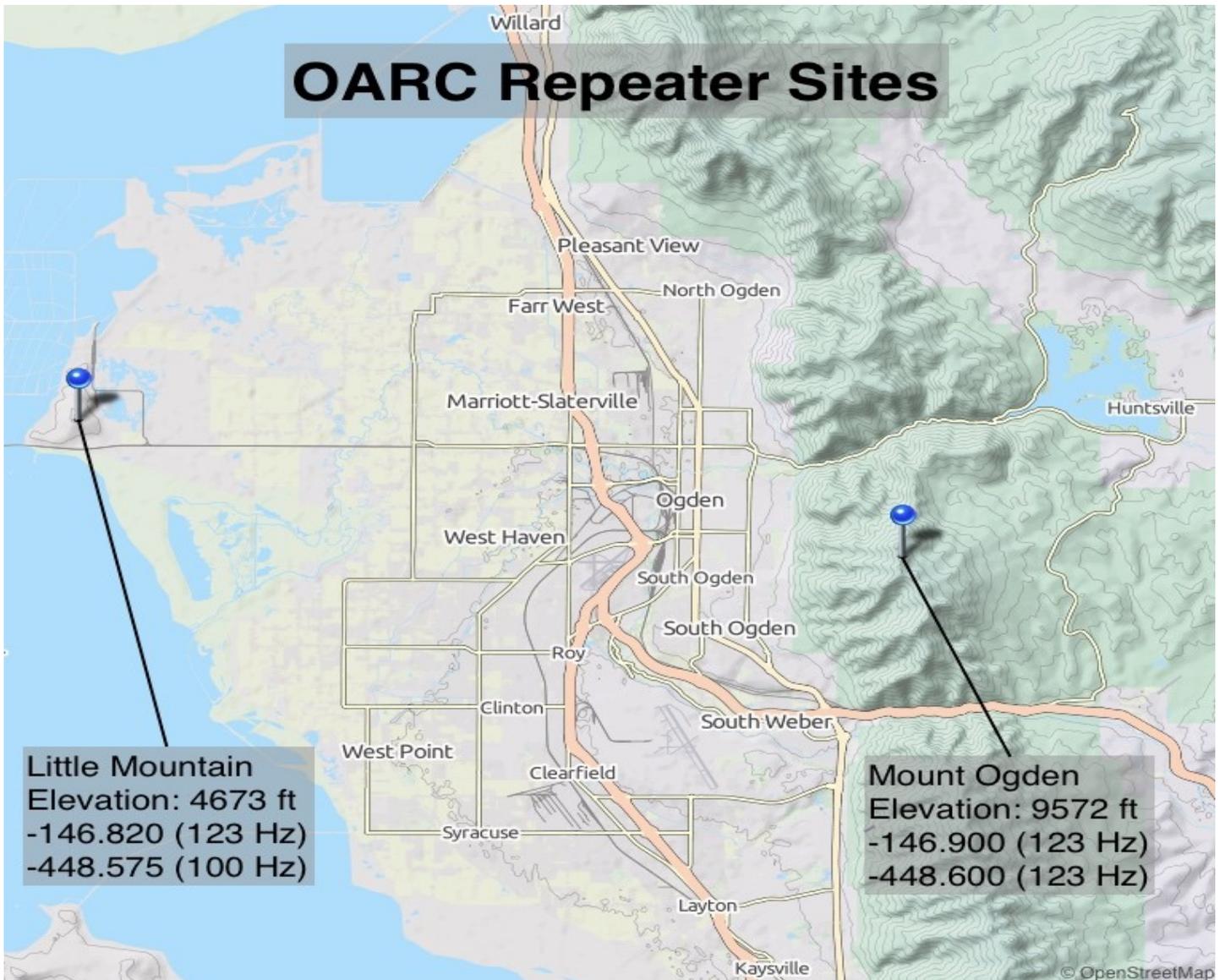
But, it appears that all is not quite perfect. The 146.90 repeater seems to be lacking in receive sensitivity now. It works, but it will take a little more power to get into it than before. We will not be able to get up to the site and determine what the problem is until the snow is gone, which is usually July. It could be the receive antenna (it has separate receive and transmit antennas), which is on top of one of the towers. It could be a damaged polyphaser surge protector in the coax line. It could be a damaged radio (we hope it is not this one). We suspect one of the first two.

The 448.600 seems to fine however.

Mike, KZ7O



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.

**More to come ...
following the next 3 pages of commercials.**

Please stay tuned.

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.



ARRL "Strongly Supports" Petition to Drop 15 dB Restriction for Amateur Amplifiers

In comments filed on May 26, the ARRL said it "strongly supports" a petition to the FCC seeking to eliminate an Amateur Service rule, spelled out in §97.317(a)(2), that amateur amplifiers not be able to boost the RF input signal by more than 15 dB. The *Petition for Rule Making* ([RM-11767](#)), was submitted in April on behalf of an amateur amplifier distributor, [Expert Linears America LLC](#) of Magnolia, Texas.

"The *Petition* proposes relief that is in the nature of eliminating unnecessary regulatory underbrush, and it continues an effort started by the Commission on its own motion in 2004...to do precisely that," the ARRL said in its comments. "The rule proposed to be eliminated is outdated; it constituted overregulation when it was adopted long ago, and it now substantially limits the flexibility of Amateur Radio operators to experiment with the current generation of software-defined Amateur Radio equipment."

The 15 dB provision came into the rules during an era when the FCC initiated various actions to rein in a major interference problem resulting from the use of illegal 11 meter amplifiers during the Citizens Band radio boom of the 1970s. "In its effort to address that problem, the Commission enacted a series of largely redundant and overlapping regulations that, in their overall effect, unnecessarily (and inappropriately) penalized the wholly innocent Amateur Radio operators," the League asserted. "There was created a plethora of restrictions on manufacturers of external RF power amplifiers."

The ARRL noted that while the FCC eliminated some of the unnecessary regulations in 2004, others remain, including the 15 dB gain restriction. The rules adopted in 1978 also called for type acceptance (certification) of manufactured RF power amplifiers operating below 144 MHz, including a 50 W minimum drive power requirement and a ban on amplifiers capable of operation between 24 and 35 MHz.

"Indeed, precisely the same rationale for elimination of the 50 W minimum drive power rule in 2006 applies to the elimination of the 15 dB gain rule for amateur amplifiers," the ARRL said in its comments. "There is no continued justification for retaining the 15 dB gain limitation."



FCC Denies Petition for Consideration in Vanity Call Sign Dispute

05/26/2016

An Arizona radio amateur has been unsuccessful in convincing the FCC to take a 1 × 2 vanity call sign away from its present holder and grant it to him. In the process, Joshua Babb, K6FZ, may have learned not to rely on informal advice from FCC staffers. Babb, of Maricopa, Arizona, had been [trying](#) to get the initial-suffix call sign W3JB since 2014, and he was briefly successful. The prior holder of W3JB, John K. Birch, had died, and the 2-year waiting period was set to end on August 18, 2014. Babb filed an application for W3JB in July 2014, however, claiming an exemption to the 2-year waiting period on grounds that he was the deceased licensee's nephew, and the FCC granted it. Subsequently pressed to document that relationship, Babb indicated that Birch actually had been his great-great uncle, the FCC recounted in an [Order on Reconsideration](#) released on May 25 — a relationship that did not qualify for an exemption.

“Because you did not qualify for the exemption, the [Mobility] Division concluded that you should not have been granted call sign W3JB during the 2-year waiting period,” the FCC told Babb in its *Order*.

The FCC proposed to modify Babb's license by replacing W3JB with KD7HLX, but in September of 2015, Babb filed to swap W3JB for the available K6FZ, which was granted the following month. Under Commission rules, when a call sign is granted in error after the normal 2-year waiting period has ended, it becomes unavailable for 30 days after the erroneous grant is rescinded. The FCC informed Babb of this provision at the time it granted K6FZ, telling him he could reapply.

Babb sought clarification of the W3JB availability date from an FCC staff member, who calculated that it was November 2, 2015. Babb filed two preference-list applications for W3JB on that date as well as one on November 3 and another on November 5. The FCC instead granted W3JB to Scott Phillips of Plano, Texas, who had filed a competing November 3 application and was granted through the FCC's “standard lottery process.” The FCC staffer subsequently informed Babb that his advice had been incorrect, and that November 3 was the correct date.

On December 1, 2015, Babb file a *Petition for Reconsideration* of the grant to Phillips, arguing that, based on his prior staff communication, the call sign should have become available on November 2. The FCC said such a petition “must identify a material error, omission, or other reason that justifies further consideration” and that Babb's *Petition* failed to do so. The FCC said its Universal Licensing System (ULS) had processed the applications correctly. “[E]rroneous staff advice is not grounds for reconsideration,” the FCC said in its denial *Order*. “Licensees are obligated to know the Commission's rules. It is well established than an applicant acts on staff advice at his own risk.” In any case, the FCC pointed out, Babb nonetheless had filed an application on the correct day.

GUEST ARTICLE

By Dan, KB6NU

Design Advances Make Portable Operation Easier, More Fun

By Dan Romanchik, KB6NU

I've just returned from the Dayton Hamvention. Dayton was a blast as usual, and if there's one thing I took away from this year's event it's that portable operation is not only becoming more popular, but more sophisticated as well. In fact, it's a virtuous circle. More sophisticated portable equipment is making portable operation more popular, which is spurring manufacturers to make more sophisticated equipment, which is making portable operation even more popular, and around we go.

This is perhaps most easily seen in the evolution of the Elecraft products. One of their first rigs was the K1, a small rig that was frequently toted out into the field, even though it wasn't really designed for that purpose. It had a small form factor, but had a conventional front panel layout.

The next evolution was the KX1. This CW-only radio was designed specifically for field work. It originally only covered 40m and 80m, and had a very limited front panel, but its built-in battery pack and KXPD1 paddle made it a great choice for portable operators when it was introduced in 2004.

A big leap forward was made when they introduced the KX3 in 2012. This radio combined a bunch of features never before found in a portable rig. The KX3 features an SDR architecture and covers all modes, including (SSB, CW, Data, FM, AM); used the same full-sized LCD display as the K3; has advanced DSP features; and can be connected to a computer via USB for firmware upgrades and for use with other ham radio software. The KX3 is so full-featured that many operators use it as their main rig with a suitable linear amplifier.

At Dayton 2016, Elecraft took this concept even further and introduced the KX2. It's about half the size of the KX3, but yet has almost all of the features of the KX3. There was a tremendous amount of buzz over this radio at Dayton among portable operation aficionados. The base price of the KX2 is \$750, and with options, will cost you about \$1,000.

Of course, Elecraft isn't the only company competing in this market. LNR Precision sells a radio called the LD-5, and at Dayton, they introduced the LD-11, which like the KX3 and KX2 features an SDR architecture and covers 160m - 6m. This radio goes for about \$800, and has also proven to be popular among portable operators.

Dayton also had a number of exhibitors that supplied products other than radios to aid portable operation. There were several portable antenna manufacturers, including Buddipole (buddipole.com) and PackTenna (packtenna.com), and BiEnno Power (biennopower.com) was also there, showing off their new lithium-iron batteries,

While radios like the KX2 and LD-11, at relatively low prices, allow operators to easily get out into the field, portable operation would not be as popular as it is without organized activities. Programs like the Summits on the Air (SOTA, www.sota.org.uk, na.sota.org) and the National Parks on the Air (NPOTA, npota.arrl.org) make portable operation even more fun. These programs do this by providing a structure in which operators can find one another and gain awards for operating. SOTA did not have a booth at Dayton, but NPOTA was a big part of the ARRL section there.

If you aren't already a portable operator, you should give it a try! You don't have to invest a bunch of money in a rig to just try it. KX1s have been had for less than \$400, and simpler QRP rigs cost a lot less. Getting outside and operating in the fresh air is a lot of fun and could give you a whole new perspective on amateur radio.

=====

Dan, KB6NU, is the author of the "No Nonsense" amateur radio license study guides, and blogs about amateur radio at KB6NU.Com, and you can contact him by e-mailing cwgeek@kb6nu.com. Listen for him operating his KX1 from the park or beach this summer.

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 @ 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	CSEGR	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: Gil Leonard NG7IL

Vice Pres: Jason Miles KE7IET

Secretary: Mike Taylor KE7NQH

Treasurer: Jerry Cottrell KG7IGW

Program Director:
Pete Heisig WB6WGS

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

73 es cul de W7SU

www.OgdenArc.org