



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

MAY 2015

Next Club Meeting/Activity

Activity + Meeting: Golden Spike + Riverdale Fire Station



Gil Leonard NG7IL

President



Jason Miles KE7IET

Vice President



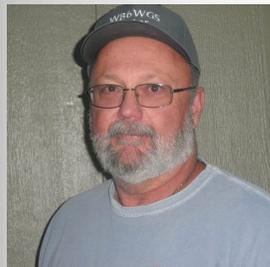
Larry Griffin AD7GL

Secretary



John Shupe K7DJO

Treasurer



Pete Heisig WB6WGS

Program Director



Mike Taylor KE7NQH

Activity Director



Val Campbell K7HCP

Webmaster/NL Editor

PREVIOUS CLUB MEETING

Meeting:
Riverdale Fire Station
3rd Saturday 18 April 2015
9:00 AM

Dave Mamanakis KD7GR

Ham Radio vs Linux Computer OS and Apps

(see website "[Downloads](#)" page for presentation)

NEXT CLUB MEETING/ACTIVITY

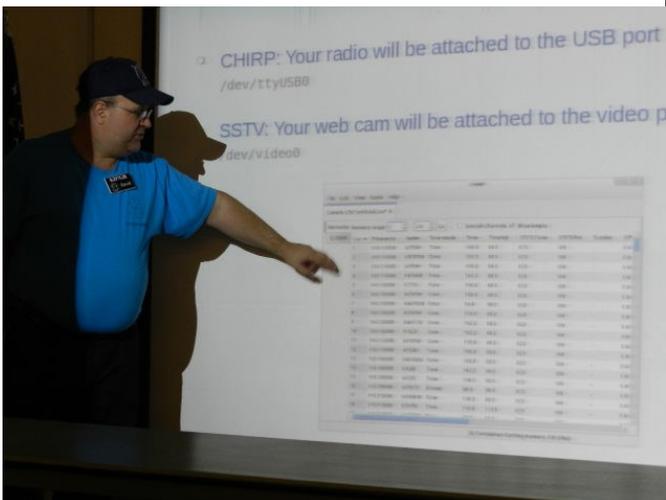
Activity:
Golden Spike Special Event
Fri 08 & Sat 09 May 2015

Meeting:
Riverdale Fire Station
3rd Saturday 16 May 2015
9:00 AM

Topic: Field Day - Past and Future

PREVIOUS MEETINGS PICS

Photos by ... John Shupe K7DJO







QRM from Gil



Gil Leonard NG7IL

I wish to thank Dave KD7GR for a great presentation on how to get Linux up on your computer and the different Ham related software available. I look at old computers in a whole different light now. We may need to bring him back to teach us a few basic commands to get those applications on our Linux machine and up and running. For me, the interface looks familiar but I can't get my head around the different permissions and other commands that regular users seem to take as common knowledge. It's on my list of things to do.

Last meeting we talked about the club being around for 95 years now (actually May 2016). That is quite an accomplishment in my eyes. I am trying to weigh the pros and cons of what the club might do for a 95 year celebration. I would like to hear from as many of you that would care to respond, how you feel about such an undertaking. Ideas on what we could do and where we could do it would be useful. Check out last months newsletter if you couldn't make it to the last meeting or didn't know some of the history of the club.

I have been kind of busy of late as I am sure most of you have been as well. This month we have the Golden Spike special event on May 8th and 9th. We have applied for and reserved the one by one call sign of W7G to use for the event. This is a great opportunity to try your hand at HF operation and get the family out of the house for an amazing day at the monument. Seeing the trains in person is an experience you will not soon forget.

This months meeting at the Riverdale Fire Station will focus on Field Day which will be, June 27th and 28th at Marriot Park. This is another fun event where you can try your hand at operating or relax with your fellow hams and enjoy the day. Overnight camping is available for those that want to catch some of the rare DX that happens at night.

June 3rd is our VE testing session at the Sheriffs office. If you would like to help out or get more information on how you can become a VE, please contact Rick Morrison, K7RIK, and he will get you set up. This is a good time to upgrade or get some of your friends and family out to get their license.

The last word I had was some of the Yaesu repeaters are beginning to ship out. I am really looking forward to getting notification that the W7SU repeaters are on their way. I am still working on the possibility of a mass buy for those that want to dive into the new digital mode the repeaters will offer us.

Spring is here and summer is not far behind. Be sure to sign up on the Yahoo group and check the club web page often for the latest information. We have an exciting summer planned for the club and you will want to join us for some great times.

I want to thank all the board members and advisors for their help in making this a great year. Because of their efforts we have a Great Club!

73 for now,

de

Gil NG7IL

OARC COMING EVENTS



Golden Spike Special Event Station ... [details](#) NEW!

Help Needed! Sign Up now!



Fri 08 May & Sat 09 May 2015

CLUB NEWS

The Golden Spike Special Event is coming up soon.

Friday 08 & Saturday 09 May 2015. Sign Up Now!

OARC Golden Event Station (W7G) 2015 - Sign up

Contact Mike Taylor to sign up!

801-731-3608 - metaylor@xmission.com

Antenna setup- Thursday Evening @ 3:00 PM

KENT - WA7AHY

Help Needed

Antenna setup- Friday Morning @ 7:00 AM

The 9:00 AM GROUP plus

Help Needed

Friday 8 May 2015

	Name - Call Sign	Name - Call Sign	Name - Call Sign	Name - Call Sign
9:00 AM	LARRY - AD7GL	PETE - WB6WGS		
11:00 AM	LONNIE - N0INC	MIKE - KZ7O	JOAN - N7OLZ	
1:00 PM	DAVE - KD7GR	JERRY - KG7IGW	CEVA - KE7IBV	
3:00 PM	KIM OWEN - KO7U	JERREL DAVIDSON - KE7OYU	WAYNE WIDDISON	

Saturday 9 May 2015

	Name - Call Sign			
9:00 AM	JASON - KE7IET	GIL - NG7IL		
11:00 AM	JASON - KE7IET	STEVE - K7EMD		
1:00 PM	RICK - N7EGA	Help Needed		
3:00 PM	MICKEY - KG7PRB	Help Needed		

Antenna Take Down - Saturday after closing @ 5:00 PM

The 3:00 PM GROUP plus

Help Needed

Special Event Stations

Maty Weinberg, KB1EIB, events@arrl.org; www.arrl.org/special-event-stations

Working special event stations is an enjoyable way to help commemorate history. Many provide a special QSL card or certificate!

Through Dec 31, 0000Z – 2359Z, HE200GE. Geneva, Switzerland. USKA Section Geneva HB9G. **200 Years Entry of Geneva into Swiss Confederation.** All bands, all modes as conditions permit. QSL. Yves Margot, HB9AOF, route Alphonse Ferrand 69, Bernex CH-1233, Switzerland. *In line with the IARU's new regulations, QSLs will not be sent out automatically but only on receipt of an incoming card, either via the QSL bureau or directly if the incoming card is received with SASE. HB9AOF is Traffic Manager and also QSL Manager. If anyone wants a card direct, they should be asked to send it via HB9AOF. HB9AOF@sunrise.ch*

Through Dec 31, 0001Z – 2359Z, K6BB, Big Bear Lake, CA. Big Bear Amateur Radio Club. **40th Anniversary Year.** 28.440 21.340 14.340 7.240. QSL. BBARC, PO Box 790, Big Bear Lake, CA 92315. *K6BB will celebrate this year-long event on the air at various times throughout 2015. QSL via QRZ / on-air info. www.bbarc.org*

Apr 18, 1500Z – 2200Z, W5BMC, Morgan City, LA. Bayouland Emergency Amateur Radio Service. **Bayou Teche Black Bear Festival.** 14.260. QSL. Jackie Price, 708 Front St, Morgan City, LA 70380.

Apr 19 – Apr 26, 0000Z – 1800Z, N5M, Oklahoma City, OK. Central Oklahoma Radio Amateurs. **Oklahoma City Memorial Marathon.** 28.466 21.366 14.266 7.266. QSL. K2GKK / KA5BJS, PO Box 15462, Oklahoma City, OK 73155. *Honoring those who were killed, those who survived, and those changed forever in the Murrah Federal Building bombing. Suggested operating frequencies at w6jbt.org/?page_id=25*

Apr 25, 1300Z – 2200Z, W3PRC, Cleveland, OH. Parma Radio Club. **Third Annual Earth Day Celebration Operating on Power from the Sun.** 14.245 7.195. QSL. Parma Radio Club, 7811 Dogwood Ln, Cleveland, OH 44130. parmaradioclub.webs.com

Apr 25 – Apr 26, 0000Z – 2359Z, W5HSV, Hot Springs Village, AR. Hot Springs Village Amateur Radio Club. **25th Anniversary.** 14.270. Certificate. Frank Fahrlander, 29 Hartura Way, Hot Springs Village, AR 71909. w5hsv.weebly.com

May 1 – May 9, 0000Z – 2359Z, KC9HYY/ LUS100, Muskego, WI. KC9HYY. **100th Anniversary of the Sinking of RMS Lusitania.** 14.265 28.365 21.265 7.165. QSL. Nathan Banks, Attn: LUS100 SES, PO Box 324, Muskego, WI 53150. *All QSLs should be sent prior to June 30, 2015. Any questions contact kc9hyy@arrl.net; please include "Lusitania SES" in the subject line. www.qrz.com/db/kc9hyy*

May 1 – May 15, 0000Z – 2359Z, N2L, Carle Place, NY. New York City/Long Island Section. **RMS Lusitania Centenary.** CW/SSB, specific frequencies to be determined. QSL. Great South Bay ARC, PO Box 1356, West Babylon, NY 11704. *Participating with GB100MFA and EI100MFA.*

May 1 – May 31, 0059Z – 2359Z, PH7OCALM, Margraten, Netherlands. Plusscoups PA3EFR/J. **Celebration Activities of World War II Liberation of the City of Mar-**

graten. 21.290 14.290 7.090 3.740. QSL. Erwin van der Haar, Mr Philipslaan 15, Rijswijk 2283CS, Netherlands. *70 years of freedom; we will be active on all HF bands in both digital and voice modes, and VHF SWL will be confirmed with the Special Event QSL card. Erwin, PA3EFR. www.pa3efr.nl*

May 1 – May 31, 0900Z – 2359Z, GB100MFA, Liverpool, Great Britain. Radio Officers Association. **RMS Lusitania – MFA.** 21.017 14.017 7.017 3.517. QSL. Geoff Valentine, 15 Knigsway, Stotfold, Hitchin SG5 4EL, Great Britain. *There will be two stations primarily operating CW, but SSB will be utilized as well. See URL for complete list of frequencies. QSL via e-QSL or direct. www.lusitania-gb100mfa.uk or www.radioofficers.com*

May 2, 1500Z – 2200Z, W0IO, Iowa City, IA. University of Iowa Amateur Radio Club and Iowa City Amateur Radio Club. **Hawkeye Get On The Air.** 146.850; General portion of the 10 – 80 meter bands, and 6 and 2 meters. QSL. University of Iowa Amateur Radio Club, 203 Van Allen Hall, Iowa City, IA 52242. w0io.uiarc@gmail.com

May 2, 1600Z – 2000Z, WE7GV, Sahuarita, AZ. Green Valley Amateur Radio Club. **Titan Missile Museum Special Event.** 14.242 14.244 14.246. Certificate & QSL. Green Valley Amateur Radio Club, 601 N La Canada, Sahuarita, AZ 85629. *Operating from the Collins 1963 discage antenna. gvarc.us*

May 6 – May 9, 2200Z – 2200Z, W9IMS, Indianapolis, IN. Indianapolis Motor Speedway Amateur Radio Club. **Grand Prix of Indianapolis.** 21.350 14.245 7.240 3.840. Certificate & QSL. Indianapolis Motor Speedway ARC, PO Box 30954, Indianapolis, IN 46230. www.qrz.com/db/w9ims

May 8 – May 9, 1500Z – 2300Z daily, W7G, Ogden, UT. Ogden Amateur Radio Club. **1869 Transcontinental Rail Road Golden Spike Commemorative.** 21.285 14.255 7.235. QSL. Ogden Amateur Radio Club, PO Box 3353, Ogden, UT 84409. www.w7g.org

May 9, 1400Z – 2000Z, RW4P, Waynesville, NC. Haywood County Amateur Radio Club. **Inaugural Special Event Celebrating 150th Anniversary of Last Shot Fired of the Civil War.** 28.440 21.340 14.340 7.240. Certificate. HCARC, PO Box 1435, Waynesville, NC 28785. *See URL for information and certificate. wnchamradio.org*

May 9, 1600Z – 2300Z, N6IW, San Diego, CA. USS Midway Museum Ship. **Armed Forces Day Special Event.** 14.320 7.250 PSK31 on 14.070 D-STAR REF 1C. QSL. USS Midway Museum Ship Radio Room, 910 N Harbor Dr, San Diego, CA 92101.

May 14 – May 18, 0000Z – 2359Z, W7E, Mormon Lake, AZ. Coconino Amateur Radio Club and Northern Arizona DX Club. **Overland Expo West 2015.** 3.990 146.48. QSL. Scott Martin, 8620 Marys Dr, Flagstaff, AZ 86004. cocoradio.org

May 16, 1400Z – 1900Z, W5I, Denison, TX. Grayson County Amateur Radio Club. **Perrin Field Special Event Station.** 14.250 14.070

7.250 7.070. QSL. Grayson County Amateur Radio Club, PO Box 642, Sherman, TX 75091. www.k5gcc.org

May 16, 1400Z – 2000Z, W9DUP, Clarendon Hills, IL. DuPage Amateur Radio Club. **Armed Forces Day.** 28.400 14.290 7.255 CW. General subbands. Certificate. Brian Eder, WB9UGX, PO Box 71, Clarendon Hills, IL 60514. w9dup.org

May 16 – May 17, 1300Z – 2000Z, W2GSB, Farmingdale, NY. Great South Bay Amateur Radio Club. **American Air Power Museum.** 21.300 14.250 7.225; D-STAR 20A. QSL. GS-BARC – K2TV, PO Box 1356, West Babylon, NY 11704. *Honoring men and women from all branches of the armed forces. QSO Challenge Contest starts at our special event station W2GSB at the air power museum and runs until September 11 at 0000. Visit our website to register and to see the full rules and points list. www.gsbarc.org*

May 17 – May 22, 0700Z – 1900Z, GB5LCT, Bridport, Dorset, United Kingdom. RSGB. **Lambert's Castle Shutter Telegraph.** 14.200. QSL. RSGB or direct to John Wakefield, Oakhurst, Lower Common Rd, West Wellow, Romsey SO51 6BT, United Kingdom. www.qrz.com/db/gb5lct

May 18 – May 24, 2200Z – 2200Z, W9IMS, Indianapolis, IN. Indianapolis Motor Speedway Amateur Radio Club. **Indy 500 Special Event.** 3.840 7.240 14.245 21.350. Certificate & QSL. Indianapolis Motor Speedway ARC, PO Box 30954, Indianapolis, IN 46230. www.qrz.com/db/w9ims

May 20, 1300Z – 2130Z, K2CAM, Garden City, NY. Cradle of Aviation Museum/Long Island Mobile Amateur Radio Club. **Lindbergh Flies to Paris.** 28.440 21.340 14.240. QSL. LIMARC/ Lindbergh Flight, PO Box 392, Levittown, NY 11756. www.qrz.com/db/k2cam or www.cradleofaviation.org

May 22 – May 25, 1600Z – 0000Z, W4M, Bishop, CA. Bishop Amateur Radio Club. **Mule Days Celebration.** 21.220 14.220 7.220. Certificate & QSL. Bishop Amateur Radio Club – W4M, PO Box 1024, Bishop, CA 93514. www.n6ov.com

May 23, 1200Z – 2359Z, W3M, Saint Michaels, MD. Easton Amateur Radio Society. **50th Anniversary of the Chesapeake Maritime Museum.** 28.340 21.340 14.240 7.240. QSL. Easton Amateur Radio Society, PO Box 311, Easton, MD 21601. krtjr@verizon.net or www.k3emd.com

May 23, 1400Z – 2200Z, W4B, Mansfield, OH. Wally Byam Caravan Club International Region 4. **WBCCI Region 4 39th Annual Rally.** 7.225 +/- QRM. Certificate. David Brett, 40 Edgewater Dr, Youngstown, OH 44514. wp.me/P61wW-2

May 23 – May 24, 1300Z – 1600Z, N4J, Palm Beach, FL. Jupiter Lighthouse Radio Group. **JFK Bunker on Peanut Island FL479S.** 21.285 14.285 7.185. QSL. JLRG c/o Andrea Kola, AJ4PW, 16183 127th Dr, Jupiter, FL 33478. *See URL for complete list of operating frequencies. www.jlrg.org/USIsland_FL479S.shtml*

OARC COMING EVENTS



VE Test Session: Weber County

Date: **1st Wednesday 03 June 2015**

Time: **6:00 pm**

Weber County Sheriff Office - West 12th Street Ogden

ARRL Field Day Event ... [details](#) NEW!

Sat 27 June to Sun 28 June 2015

Utah HamFest 2015 (Ruby's Inn) ... [details](#) NEW!

Friday 31 July—Sunday 02 August 2015

CLUB NEWS

Welcome to the following OARC “New-Comers” that visited our club meeting recently. We welcome you back soon!

New Comers/Visitors Welcome

Don Leonard—W7LRP

Landy Ukena—KG7FNH

Isaac Ireland—KG5GQF

Brent Ostrup

CLUB NEWS

Kent WA7AHY has posted the audio sound byte that he captured during the approach of “Air Force 1” landing at HAFB during President Obama's recent visit to SLC Utah.

[AirForce1 - lands at HAFB.mp3](#) >> 2.5 Mb

Visit the clubs “[Downloads](#)” page for other interesting things.

CLUB NEWS

Club Badges

John K7DJO 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 John K7DJO.



-
- | | |
|---|---|
| <ul style="list-style-type: none">• KE7VVT, John• KF7HNU, Ralph• KG7IHA, Tom• KG7KFD Tony• KG7LIG, Andrea | <ul style="list-style-type: none">• KD7RPT, Sparky• KG7QNR, Marcie |
|---|---|

HOBBY NEWS

Subject: Silent Key - N7OVT - Eugene McWherter (sk)

Tuesday 28 April 2015 - [ut_races]

This morning I was notified that a very good friend, Eugene McWherter, N7OVT, passed away last night! I was very sadden to here about this, Eugene certainly left a mark on Amateur Radio in Utah that will never be forgotten, he influenced the lives of 100's if not 1000's of hams teaching, mentoring and administering tests to many groups and clubs.

I know our thoughts and condolences reach out to his wife Carol, KC7LLW, who has always been at his side in all activities they were involved in. The family have not yet released any funeral plans but please pass this info on to your friends and acquaintances that knew Eugene.

Eugene will be missed!

Mel Parkes, NM7P
Utah ARRL Section manager

HOBBY NEWS

All ARRL members ... Don't forget to vote and mail in your ballot for the election of our ARRL (Utah) Section Manager.



**Mel Parkes NM7P
Current ARRL
(Utah) Section
Manager
... Incumbent**

**Pat Malan N7PAT
from South Jordan UT
running against Mel Parkes for
ARRL Utah Section Manager**





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

ITEM #162

WANTED to BUY:

Tube type radios operational or not, 11 Mtr (CB) included.

PRICE: \$ (TBD)

CONTACT: Rod KC7VKZ, 801-821-6410

ITEM #163

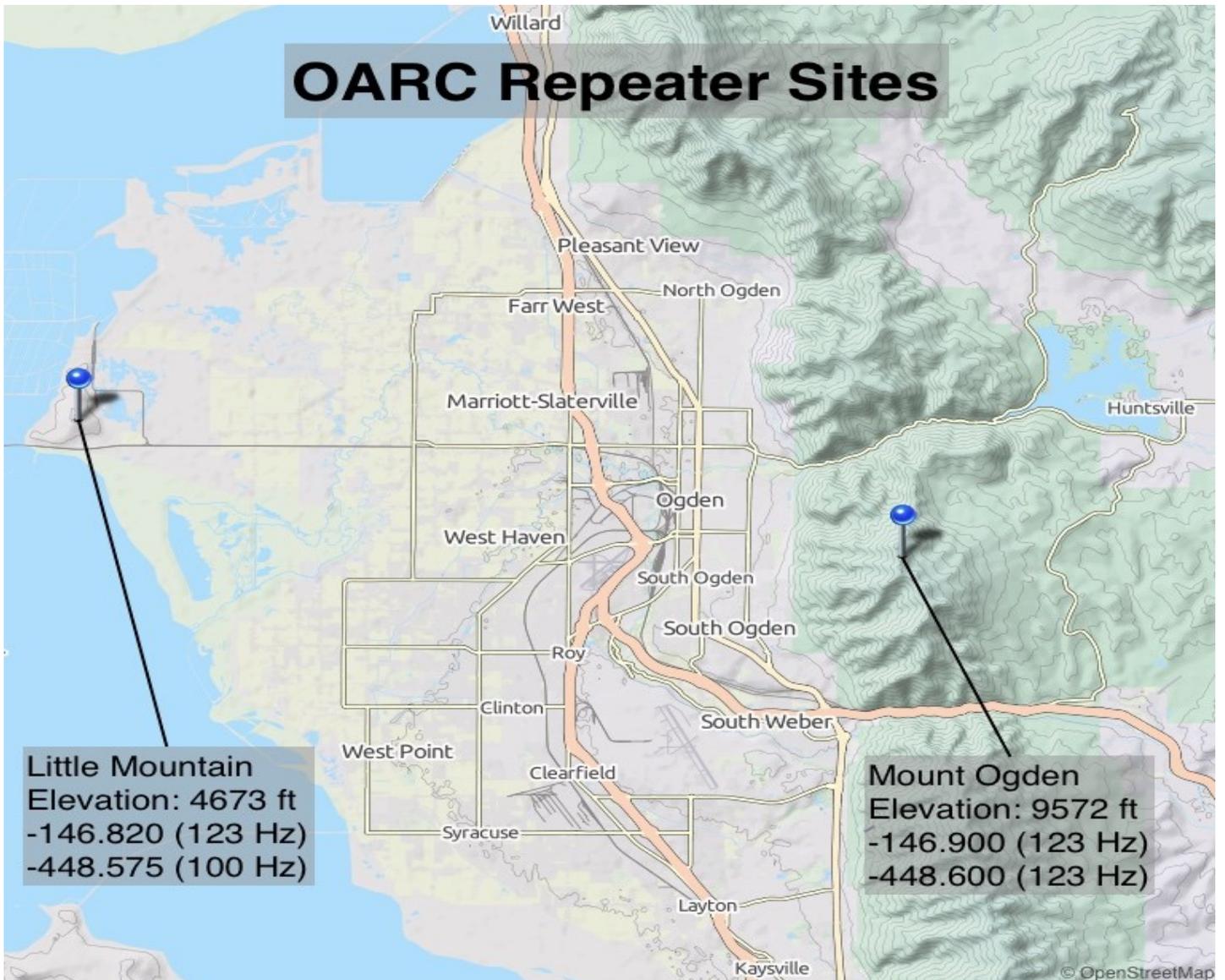
WANTED to BUY:

CW KEY: I would like to buy a simple CW key.

PRICE: \$ (TBD)

**CONTACT: Andrew Schneider, N7EBG, 801-529-3033,
andrew@tklcorp.com**

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.

CLUB REPEATER NEWS

The latest on the repeaters of the Ogden Amateur Radio Club.

All of them are operational, which is good. A month ago the 146.82 repeater went off the air for a few days. The PA of the transmitter failed. This failure is the same failure that has happened 2 previous times. I do not know why this happens, but the main PA transistor gets so hot that the solder melts around it. Really strange. All of the cooling systems are working properly. Anyway, it was fixed and reinstalled back at Little Mt.

The Mt Ogden repeaters appear to have survived the winter with out problems.

4 new repeater radios have been ordered to replace the existing Motorola radios. The Motorola radios are near the end of their rated life. The new repeaters are the new Yaesu Fusion repeaters. This means that they will have the Yaesu digital capability. They do not have to be used as digital however. They can operated as digital, standard analog (as the repeaters are now), or automatic. Automatic is where the repeater will receive whatever signal comes into it and send it out whatever way we program it.

Just how they will be set up is not sure yet, but the current thought is to have at least one, maybe two, setup to work with the digital modes. We would then learn about how they work. Once the radios come it, we will let everyone know when they get installed and how they are setup. We would never remove the analog capability, so do not worry, you can still use them as always.

That is it for now. The next update will be when the new repeater radios get installed this summer.

Mike, KZ7O

**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.



FCC Proposes to Permit Amateur Access to 2200 and 630 Meters

Amateur Radio is poised to gain access to two new bands! The FCC has allocated a new LF band, 135.7 to 137.8 kHz, to the Amateur Service on a secondary basis. Allocation of the 2.1 kHz segment, known as 2200 meters, was in accordance with the *Final Acts* of the 2007 World Radio communication Conference (WRC-07). The Commission also has proposed a new secondary 630 meter MF allocation at 472 to 479 kHz to Amateur Radio, implementing decisions made at WRC-12. No Amateur Radio operation will be permitted in either band until the FCC determines, on the basis of comments, the specific Part 97 rules it must frame to permit operation in the new bands. Amateur Radio would share both allocations with unlicensed Part 15 power line carrier (PLC) systems operated by utilities to control the power grid, as well as with other users.

Editors Note:

I can hardly wait to erect my 1720 foot tall quarter wave vertical to operate on this band. Hi Hi



FCC Proposes to Make Past Amateur Radio Address Information Private

The FCC is seeking comments on a *Notice of Proposed Rule Making (NPRM)* in WT Docket 15-81 that would restrict routine public inspection of an Amateur Radio licensee's address history. The Commission said it was taking the action in an effort to enhance the privacy of individual licensees. The change would not affect public access to a licensee's current address information.

“To implement this change, we propose to remove from public view in the Universal Licensing System (ULS) Amateur Radio licensee address information that is not associated with a current license or pending application....,” the FCC said in the *NPRM*, released on March 31. “We believe that these steps will enhance Amateur Radio operators' privacy without undermining the public interest in knowing who is authorized to operate on amateur spectrum.”

GUEST ARTICLE

by KB6NU

What Would You Do?

For the past three or four years, I've been threatening to buy a new radio to replace my ICOM IC-746PRO. The IC-746PRO is a great rig, though, and I've had trouble pulling the trigger on a \$3k - \$5k or more purchase. The radio that I've had my eye on is the Elecraft K3. Without a doubt the K3 is a better rig than the 746PRO, and it's certainly worth the price that Elecraft is asking. The question I keep asking myself, though, is, "Am I going to have \$5,000 more fun with a K3?"

To put it another way, the question is, assuming that I have a \$5,000 budget to spend on amateur radio gear over the next year or two or three, what's the best way to spend it? How can I maximize my purchases so that I have the most fun?

At this point, I think that I've decided not to buy that new rig and instead buy equipment that will help me make my own rigs. Some of the items that I have my eye on include:

- * Aoyue 968A+ SMD Digital Hot Air Rework Station (I have actually already purchased this unit.)
- * Rigol DS1102E 100MHz, Dual Channel, 1 GSa/s Digital Oscilloscope
- * Rigol DSA815-TG Spectrum Analyzer
- * A more professional workbench to replace the folding table that I'm currently using.
- * Peaberry SDR V2 Kit
- * More keys! I'd love to get a fancy Begali or N3ZN paddle, and the other day someone told me about the UR5CDX keys, which look like great deals.

Even if I purchased everything on this list, I'll have spent less than \$5,000.

One consequence of going this route is that I'll have less time for operating. I'm betting (hoping?) that the extra time spent on tinkering will be just as much fun, or even more fun than I'm having now.

It also means that I'll be going to Dayton with a much different mindset than I have the past couple of years. Instead of spending my time configuring the perfect K3 in my head, I'll be looking for kits and scouring the flea market looking for parts.

I may be overthinking this, but like most amateurs, I have a limited budget to spend on amateur radio. That being the case, making conscious decisions about how to spend that money should help me have more fun with ham radio, and that's the goal, isn't it?

What do you think? Is this the right way to go, or am I going to regret this decision? If you've made a similar decision, I'd love to hear from you.

The 500 Milliwatt Man

Here's how "one of the weakest DXers in the world" manages to get stations into his log.

Steve Ford, W8SIMY

In many Amateur Radio circles, the watt is the measure of the man (or woman). At one end of the spectrum, you have the rock crushers — amateurs who have no qualms about radiating the full 1500 W to which they are entitled, assuming that level of power is allowed on the frequency in question. At the opposite end, you have the QRPers — low-power operators — hams who wouldn't dare exceed 5 W of RF output regardless of conditions.

Aki Akai, JQ2UOZ, is a member of an elite group to whom even 5 W output would be unthinkable. These amateurs, known as the *QRppers*, plumb the murky depths of extreme low-power operating. The word "watt" will never cross their lips. They work with mere fractions of a watt, yet still manage to enjoy globe-spanning contacts.

What makes Aki somewhat special in the QRPP world is that he completes all of his contacts with just 500 mW fed to nothing more than a dipole antenna — no beams, no directional gain. He simply radiates his $\frac{1}{2}$ W to all points of the compass and hopes for the best. The results have been nothing less than astonishing.

The World at His Balcony

Aki lives with his wife and teenage son in

an apartment building in Nagoya, Japan. He runs a small business preparing and translating technical documents in the fields of biotechnology and chemistry.

As busy as he is, Aki still finds about 5 – 10 days each month to chase QRPP DX. He works CW exclusively, using an Icom IC-7000S transceiver. At the moment, Aki is limited to operating on 10 – 17 meters.



Aki Akai, JQ2UOZ, and his apartment station.

His antenna is a Radix RDE-15 dipole, which can be mounted in a horizontal or V configuration. Aki is fortunate to have a landlord who doesn't object to the sight of an antenna bolted to the balcony railing. However, Aki must install the antenna every time he wants to operate. Worse still, adjusting the antenna for an acceptable

SWR is tricky because of the proximity of the building, the balcony railing, and other objects. The process of changing hands can be a tedious undertaking.

Despite these handicaps, at the time this article was written Aki had made more than 3500 DX contacts with a total of 183 DXCC entities — all with 500 mW and his portable dipole. He is closing in on his ARRL® Worked All States award and only needs contacts with Kansas, Mississippi, and South Dakota.

Nothing Magical

Aki will be the first to tell you that success with QRP or QRPP is highly dependent upon the antenna system you're using. When your RF output is low, gain at the antenna makes all the difference. Aki's dipole is 60 feet above street level, which no doubt helps, but an antenna with 0 dB gain won't do a 500 milliwatt signal any favors.

So how does he do it?

According to Aki, there is nothing magical taking place. He readily admits that his achievements have been largely due to the hams at the other ends of his contacts. Unless propagation is exceptional, it takes a well-equipped station and a skilled operator to pull Aki's signal out of the noise. On a few occasions, Aki has been lucky enough to work stations that were not using gain antennas, but this isn't common.

At his website (jq2uoz.blogspot.com), Aki is quick to thank those who've made the effort to complete his QRPP contacts. Near the top of the home page you'll find this statement: "This website is to praise DX stations who worked me, for their excellent ears, skills, and patience."



Aki's Radix dipole antenna on his balcony about 60 feet above the street.

All photos by Aki Akai, JQ2UOZ.

Steve Ford, W8SIMY, is the editor of *QST*. You can contact him at stford@arrl.org.

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			
FREQ	CLUB	TON E	LOCATION
146.900-	OARC	123.0	Mt Ogden
448.600-	OARC	123.0	Mt Ogden
146.820-	OARC "Talk-in"	123.0	Little Mtn (w/auto patch)
448.575-	OARC	100.0	Little Mtn (w/auto patch)

OTHER AREA REPEATERS			
FREQ	CLUB	TON E	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	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: Gil Leonard NG7IL

Vice Pres: Jason Miles KE7IET

Secretary: Larry Griffin AD7GL

Treasurer: John Shupe K7DJO

Program Director:
Pete Heisig WB6WGS

Activity Director:
Mike Taylor KE7NQH

"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: John Shupe K7DJO

QSL Manager: John Shupe K7DJO

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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