



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

APRIL 2014

Next Club Meeting/Activity

3rd Saturday 19 April 2014

Topic: 630 Meters 475 kHz Low Band Experimental Station WG2XSV



Larry Griffin AD7GL
President



Gil Leonard NG7IL
Vice President



Gary Hudman KB7FMS
Secretary



John Shupe K7DJO
Treasurer



Pete Heisig WB6WGS
Program Director



Jason Miles KE7IET
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETINGS

Date: 3rd Saturday, 15 March 2014

Time: 09:00 AM

Location: Riverdale Fire Station

APRS—by Rick Morrison W7RIK

Thanks to Rick for stepping up at the very last minute (zero notice) to present to the club this month.

NEXT CLUB MEETING

Date: 3rd Saturday, 19 April 2014

Time: 09:00 AM

Location: Riverdale Fire Station

630 Meters 475 kHz Low Band

Experimental Station WG2XSV

By Neil Klagge WOYSE

OARC COMING EVENTS

Northern Utah Hamfest—02 & 03 May 2014

Golden Spike Special Event Station—09 & 10 May 2014

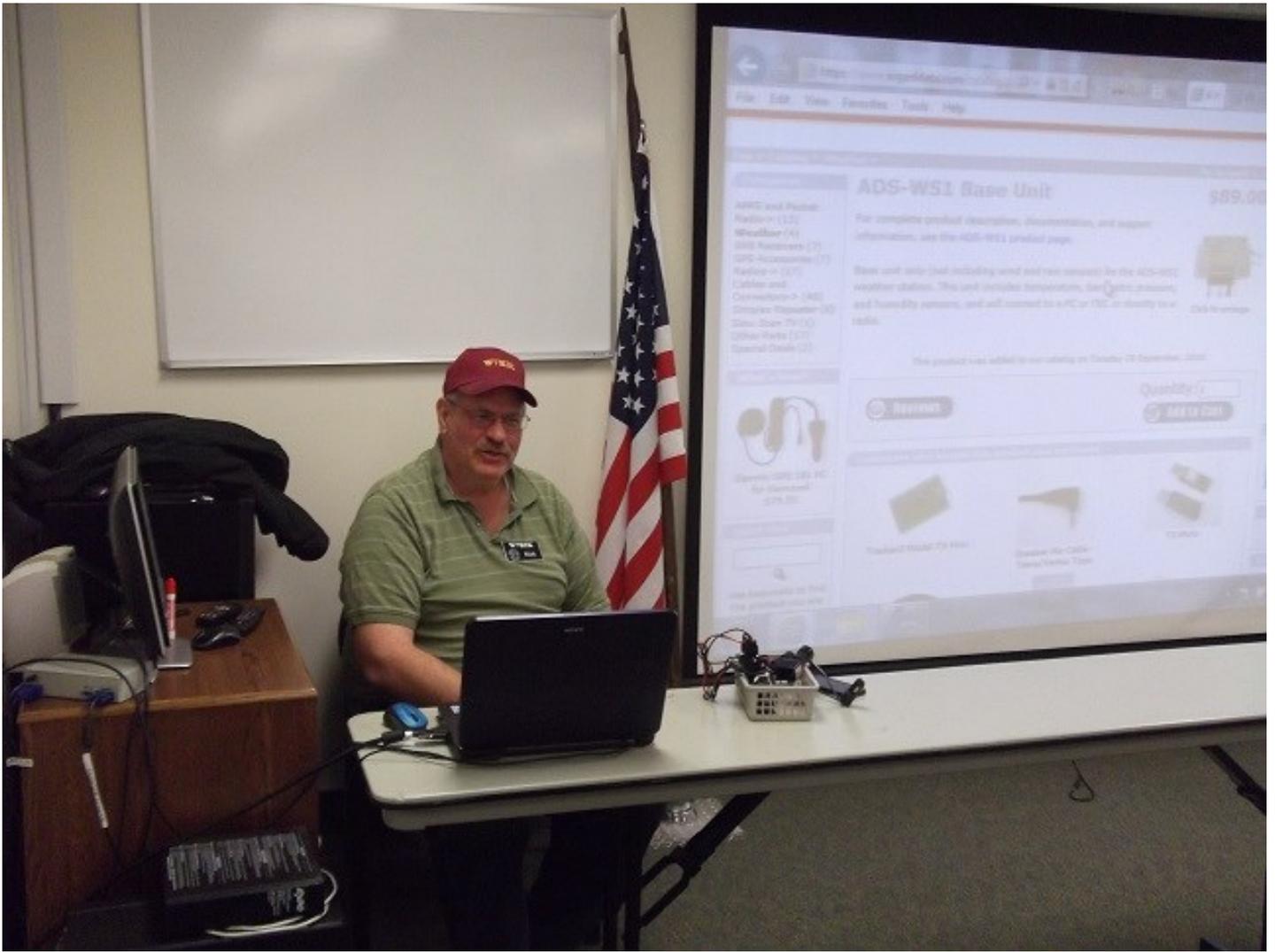
VE Test Session—04 June 2014

ARRL Field Day—28 & 29 June 2014

CLUB MEETING PICS

15 March meeting ... Photos by Rick Hansen N7EGA







QST's and QRM from LARRY'S SHACK



Larry Griffin AD7GL President

QST's AND QRM from LARRY'S SHACK

We had a fine meeting on March 15th in spite of Losing our scheduled program by Neil Klagge, WOYSE. Neil was called out of town on a family emergency. Rick Morrison, W7RIK saved the day. When Rick was informed of the last minute change as he entered the meeting, he said "I've got one" and headed for home to get a laptop and some equipment. Rick entertained us with a wonderful live demo on APRS, it's practical uses, and how it can be implemented. Rick, thanks for being fast, fun and flexible. We really appreciated it.

By the way, Neil has rescheduled for our April 19th meeting. Neil's presentation on Low Band Beacons and experiments is sure to be interesting and informative. Neil has been granted experimental license W2XSV to operate on the 630 meter band at 475 khz. He has been very active on the band. I hope you can join us on the 19th.

Plans for the Rocky Mountain EM COMM Ham Fest are coming together very well. The big event will be taking place on May 2nd and 3rd at Roy High School. I appreciate the support of the sixteen volunteers that signed up to help with OARC's portion of the Ham Fest. We can still use a few more volunteers at admissions and food service. If you can spare 2 hours to help, please let us know. Above all, don't miss the event. We would also like your help in advertising the Ham Fest by letting all your friends know about it.

QST'S AND QRM From Larry's Shack continued ...

QST's AND QRM from LARRY'S SHACK

Jason Miles, KE7IET has our annual Golden Spike Commemorative Special Event Station plans moving right along. As you know, we will be at the Golden Spike State Park on May 8, 9, and 10. The Hams that have been with us in the past years will tell that operating the station is an absolute blast. There will be Amateurs from all over the world looking for a contact from W7G. Jason still has some operating slots open for those days. Don't miss the fun. Contact Jason.

As you can see, we have a very busy few weeks coming up. There are more activities planned for Summer. Please stay tuned. We can't say enough about the fine group of folks that make up our Ogden Amateur Radio Club. Without member help and participation, there would be no club. Many thanks to all of you for being an active part of our club.

I look forward to seeing you soon.

Larry

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

NOTICES

Standard Supply Electronics has new owners. We are changing a few things and are happy to announce we are NO LONGER CLOSED DURING NOON! Counter service and phone calls now from 8AM-5PM.

We are also working on our new website that users will be able to shop online with an actual shopping cart, and pick up in store, or have shipped, and in some cases have their orders delivered.

We are also adding many new items to our inventory. (keep watching).

Standard Supply Electronics has been in business since 1929 and is located at 3424 S Main Street, Salt Lake City, UT 801-486-3371 <http://www.standardssupply.com>

The new owners welcome ideas and suggestions from OARC Society members.

Thank You,

Joe Pfeifer KB7ZZG

CLUB NEWS



Sam Brooks KC7KYY (sk)

OARC club member

Samuel Noah Brooks

January 31, 1936 ~ April 2, 2014

Samuel Noah Brooks, 78, passed away at his home peacefully on Wednesday, April 2, 2014. He was born on January 31, 1936 in Leslie, Arkansas, to George Willis and Oca Raines Brooks.

He joined the US Air Force in September of 1959. Samuel married Brunhilde Johanna Brooks in 1960 in Germany. Samuel and Hilde lived in California, Germany, Australia, and Utah. Hilde passed away on July 20, 2001.



Samuel worked as an Electronics Engineer for the Aerospace Industry. He was a member of the First Baptist Church of Roy. His hobbies included operating a Ham Radio.

Samuel is survived by his daughter, Karen (Jay) Montgomery, Ardsley, New York and three grandchildren.

He was preceded in death by his wife, Hilde and son, Peter Brooks.

Funeral services will be held on Saturday, April 5, 2014 at 11 a.m. at Lindquist's Ogden Mortuary, 3408 Washington Blvd. Friends may visit with family on Friday from 6 to 8 p.m. and Saturday from 9:30 to 10:30 a.m. at the mortuary.

Interment, Lindquist's Washington Heights Memorial Park, 4500 Washington Blvd.

Send condolences to the family at: www.lindquistmortuary.com

HOBBY NEWS

ROCKY MOUNTAIN EMCOMM CONVENTION

Amateur Radio Convention

Friday 02 May & Saturday 03 May 2014

Roy High School 2150 w 4800 s Roy, UT

Friday May 2nd - 6pm

Dinner with ARRL - catered by Goodwood Barbeque

Keynote speaker - ARRL

Saturday May 3rd - 8am to 4pm

Conference and Work Shops throughout the day

Classes, Vendors, mobile hamshacks and more.

Antenna Building Class (sign up in advance)

VE Test Session

Subway Box Lunch available Saturday for \$6.00. Order at checkin.

Snacks and Beverages available for purchase all day Saturday.

4 pm – Door Prizes

For additional information and details view Flyer on club website

Also, check it out on Facebook and see for yourself !

HOBBY NEWS

Rocky Mountain EmComm 2014

Come Join us at the Rocky Mtn EmComm Convention! May 2nd and 3rd 2014 Welcome! If you have an interest in Amateur Radio Emergency Communications, then join us for the premiere emergency communications conference in the West!

Location: Roy High School – Roy,
Utah

2150 West 4800 South,
Roy, Utah

Dinner with ARRL – Friday Evening – 6:00 PM Conference/
Workshops – Saturday – 8:00 AM Door Prizes – 4:00 PM
Subway Boxed Lunch—Saturday Noon (order at check-in)

Fantastic Agenda and Breakout Sessions

- Keynote Speaker Friday Night Dinner - TBA – ARRL regional/national leadership
- ATV (Amateur TV) in Emergency Applications
- Support to Law Enforcement and SWAT Operations
- Applying GPS to your deployment
- VE Test Session
- Regional Emergency Medical Planning and ARES
- Communications – Are you really saying what you're saying?
- Rocket Recovery in Southern Utah
- What has Packet Radio got to do with anything?
- Ham Radio 101 for Beginners

REPEATER NEWS

OARC Repeater Sites

This is one of several pictures at the **Little Mountain** repeater site taken during a recent visit to the site to do necessary repairs.



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.



ARRL Calls for Timely, Visible FCC Amateur Radio Enforcement

In [comments](#) filed in response to the FCC's February 14 *Report on Process Reform* ([GN Docket 14-25](#)), the ARRL has called for a more visible, responsive Amateur Radio enforcement program. The League also said it was concerned that FCC policies for adjudicating certain complaints of interference to radio amateurs, especially those involving electric utilities, provide no incentive for the utilities to resolve them. The ARRL was further critical of the fact that FCC petitions for rule making and spectrum allocation proceedings often take years to resolve. But the League confined the bulk of its comments to perceived shortcomings in the Amateur Radio enforcement program.

"[T]he visibility of the Commission's enforcement program for the Amateur Service is wholly inadequate, resulting in a widespread, albeit inaccurate, public perception that there is no active enforcement in our service," the League's comments asserted. The ARRL said "deterrence based on visibility is a critical component of a successful compliance campaign."

The most successful -- and visible -- period of Amateur Radio enforcement in recent years was between 1997 and 2008, the ARRL said. According to the League, compliance during that period was a result of "the visibility in the Amateur Radio community of a single member of the Commission's Enforcement Bureau staff at Amateur Radio events" and of keeping the Amateur Radio media fully informed on what was being done to resolve a particular enforcement issue.

FCC-imposed constraints in the past few years have had "a devastating effect on the entire philosophy of the program and its success," the League told the Commission. Among other factors, the ARRL pointed to the "extensive approvals" required before the release of enforcement correspondence. Enforcement actions that *are* taken, the League continued, are not released to the Amateur Radio media. "This deprives radio amateurs of the knowledge that the Commission is indeed investigating and responding to a given enforcement problem," the ARRL said. "The result is the perception that nothing is being done in a given case, and frustration builds rapidly among the radio amateurs who have to endure the rule violator on an ongoing basis."

**New friends of John K7DJ0 on recent cruise to
the Panama Canal Zone Central America**











April Fools joke or a real product... You Decide!

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New Products

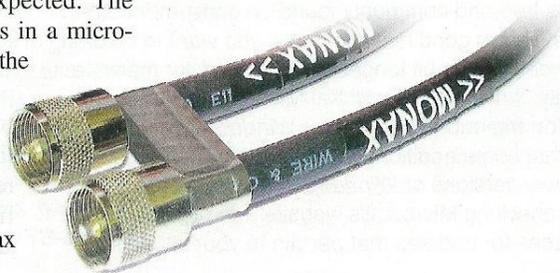
IIGOOS Announces New Type of Coax

At the International Institute of Getting Out Okay Studies (IIGOOS), two radio researchers have developed a new type of coaxial cable that promises to be a breakthrough in RF communications. This new coax eliminates SWR, which keeps countless hams awake at night and plagues serious DXers.

Termed "monodirectional coax," or Monax, the new line was discovered by Drs Hiram Fred Minimum and Guglielmo Macaroni as a byproduct of their research. During an experiment, as a temporary substitute for a needed normal coax jumper, Minimum substituted ferrite beads for the dielectric. The result was totally unexpected. The ferrite in the coax, as it does in a microwave circulator, blocked all the reflected power on the line. Radio energy could now only flow in one direction and the SWR instantly became a perfect 1:1. There was a problem though, Monax

was only good for transmitting; received signals were also blocked. "The solution," explained Dr Macaroni "was to parallel two cables directionally reversed. The pair then perform just like normal coax, except with perfect SWR."

An additional benefit is that while ordinary coax exhibits loss, Monax shows gain. This is attributed to power not reflecting back down the coax and building up in the antenna. Dr Macaroni says he believes the ferrite dielectric causes the RF to behave like the "j" operator of capacitive or inductive reactance, that is, as the square root of minus one. Reflected power is technically still present but is now imaginary and no longer detected.



You can already purchase Monax at some radio supply stores. Ask for RG-58M or RG-8M. New dual monodirectional PL-259 connectors are also available. Dual BNC and N connectors for Monax are coming soon. For more information visit your favorite dealer or contact John Portune, W6NBC, 519 W Taylor St, Spc 111, Santa Maria, CA, 93458, w6nbc@arri.net.

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- QST Apps for Apple iOS and Android devices



www.arri.org/qst

📄 NPRM: Ham To Accept Interference from BPL, Wifi, and Cellular Internet Delivery

An NPRM was posted this morning seeking a rulemaking by the FCC that would force licensed amateur radio operators to tolerate interference from any radio service used to deliver "last mile" or "main line" Internet access, and would prohibit amateurs causing interference to these services within the shared portions of 2.4GHz and 5GHz. These services include BPL, unlicensed Wifi that shares spectrum with amateur radio, and interference from misbehaving cellular towers and phones.

For the text of the NPRM and the comment period, see below...



GUEST ARTICLE by KB6NU

FCC TO REINSTATE MORSE CODE TEST

"It was a big mistake eliminating the Morse Code test," admits FCC official

Washington, D.C. - **April 1**, 2014 - Today, the Federal Communications Commission (Commission or FCC) approved Report and Order 14-987af which reinstates the Morse Code test for General Class and Amateur Extra Class licensees. "It was a big mistake eliminating the Morse Code test," admits Dotty Dasher, the FCC's director of examinations. "We now realize that being able to send and receive Morse Code is an essential skill for radio amateurs. As they say, it really does get through when other modes can't."

Not only will new applicants have to take the test, but General Class licensees who have never passed a code test will have one year to pass a 5-wpm code test. Similarly, Amateur Extra class licensees that never passed a code test will have one year to pass a 13-wpm test. Those amateurs that fail to pass the test will face revocation of their operating privileges. Materials for administering the examinations will be distributed to Volunteer Examiner Coordinators by the end of April, so that they can begin the testing on May 1, 2014.

"This isn't going to be one of those silly multiple-choice type tests," noted Dasher. "We're going to be sending five-character random code groups, just like we did in the old days. And, applicants will have to prove that they can send, too, using a poorly adjusted straight key."

Technician Class licensees will not be required to take a Morse Code test, nor will a test be required for new applicants. "We discussed it," said Dasher, "but decided that since most Techs can't even figure out how to program their HTs, requiring them to learn Morse Code seemed like cruel and unusual punishment."

When asked what other actions we might see from the FCC, Dasher hinted that in the future applicants taking the written exam may be required to draw circuit diagrams, such as Colpitts oscillators and diode ring mixers, once again. "We're beginning to think that if an applicant passes an amateur radio license exam it should mean that he or she actually knows something," she said.

For further information, contact James X. Shorts, Assistant Liaison to the Deputy Chief of Public Relations for the FCC at (202) 555-1212 or jim.shorts@fcc.gov. For more news and information about the FCC, please visit www.fcc.gov.

===== **APRIL FOOLS** =====

Dan, KB6NU, is the author of the "No-Nonsense" amateur radio study guides and a leading amateur radio blogger. You can find his study guides by going to his blog at www.kb6nu.com. You can contact Dan by e-mail at cwgeek@kb6nu.com, or, after you pass the test, by CW. Look for him at the bottom of just about any HF band.

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 September - August. (Ham + spouse = \$25.) Consider the OARC Family plan for \$25.

NOTE: New Hams >>> Membership in OARC is complimentary for remainder of 1st year licensed.

Club Badges

OARC Club badges are still available for all club members and non-members.

The cost is \$8.00 each. The badge is only available 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. See example below.



Place your order along with \$8.00 in advance for each badge ordered and specify Call Sign and First Name. Contact webmaster or any club officer via email or see them at the next club meeting. For additional information see club website left side menu and click "Join".

OARC web site www.ogdenarc.org "Club Officers" page, and "Join" page.

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**.

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 all future e-newsletter release notices and much more.

You can also send notices to 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.

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	STONE	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	arcweber.edu	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: Larry Griffin AD7GL

Vice Pres: Gil Leonard NG7IL

Secretary: Gary Hudman WB7FMS

Treasurer: John Shupe K7DJO

Program Director:

Pete Heisig WB6WGS

Activity Director:

Jason Miles KE7IET

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

"OARC" web site

Webmaster: Val Campbell K7HCP

OTHER CLUB APPOINTMENTS

Equipment Manager: Val Campbell K7HCP

Historian/Librarian: Kent Gardner
WA7AHY

Photographer: John Shupe K7DJO

QSL Manager: John Shupe K7DJO

Repeater Engineers: Mike Fullmer KZ7O
Scott Willis KD7EKO

VE Liaison: Richard Morrison W7RIK
Jason Miles KE7IET (IT)

Advisors: Stan Sjol W0KP
Mike Fullmer KZ7O
Kent Gardner WA7AHY
Kim Owen KO7U
Dave Woodcock WY7P

Club Call Sign Trustee: Larry Griffin AD7GL

73 es cul de W7SU

www.OgdenArc.org