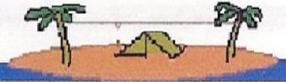




WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

December 2015

Next Club Meeting/Activity

Activity: OARC Christmas Family Dinner



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: Ham Antennas—part 2

by Mike Fullmer KZ7O

Date: 3rd Saturday 21 November 2015

Time: 9:00 AM

Location: Riverdale Fire Station

NEXT CLUB MEETING/ACTIVITY

Activity: OARC Christmas Family Dinner

Date: 3rd Saturday 19 December 2015

Time: 5:00 PM

Location: Golden Corral Buffet

11th & Washington, Ogden UT

GRAND DOOR PRIZES: Yes of course!

Paid-up members only

sign-up/renew membership at meeting

Support your club: Signup your spouse.

Ham \$15, Spouse \$10

PREVIOUS MEETINGS PICS

Photos by ... John Shupe K7DJO







NEW COMERS WELCOMED



CLUB NEWS

NEW COMERS WELCOMED

Kevin Flanagan	KB7MAD
Bob Smith	KG7EIZ
Chris Clement	K7CTC
Joan Black	W7PYR
Michael Nielson	KG7WWX
Lenny Taylor	KI6WDZ
Natalie Peace	KG7WWW
Shawn Tuttle	KG7UHS
Ed McKenney	AA1ZK
Nate Revo	KG7LWV
Dave Donaldson	N7AFH
Rich Hood	K7AFH
Douglas Thjompson	K5HMY

QRM from Gil



Gil Leonard NG7IL

I hope you all had a great Thanksgiving dinner with family and friends. The holiday season is upon us and on behalf of the OARC I wish you all Happy Holidays.

If you made the November Club meeting then you got firsthand knowledge of basic antenna elements, the various configurations, and their uses presented by Mike, KZ7O. Thank you Mike, that was a great follow up to your part one presentation you shared with us earlier.

The number of antenna types and configurations can be mind numbing. One of the best resources available is the ARRL Antenna Book. The ARRL publishes many different books on all kinds of specialized antennas and antennas you can build at home. Now might be a good time to pass a hint to Santa? If you already have a specific antenna in mind, try a "GOOGLE" search to see what others have done and avoid some of the trial and error associated with building your own antenna.

This month will be our annual Christmas party at the Golden Corral. We will get together around 5:00 pm on the 19th. We will have a drawing for gifts and prizes after dinner. I wonder what the grand prize will be this year? You need to be present to win!

January will start a new year our regular club meeting will be held at the Riverdale Fire station. Our guest speaker will be Stan, W0KP, covering satellite operations. This will be another in the series of fine programs that will be presented by the OARC club.

January will also start our General Class license class. This is a great time to upgrade your license privileges. Be sure to sign up with Jason, KE7IET, and get your manual before the class starts. Testing will be our regular session following the class the first Wednesday in February.

QRM from Gil

There are all kinds of events and contests available utilizing the HF bands. In December the ARRL is sponsoring a 160 meter CW contest on the 4th through the 6th. A 10-meter contest follows on the 12th and 13th. The goal is to make as many contacts as possible with as many different stations as possible using CW, phone, or both. January has Straight Key Night all day on the 1st. Not really a contest but an opportunity to make contacts with other stations and maybe log a state you have been wanting.

There are opportunities to participate in other contests as well. Check out the Contest Corral on the ARRL website to find a mode of operation and contest that interests you the most. You will find phone, CW, RTTY, digital, vhf-uhf, and microwave events.

Do you like to get outdoors and go unusual places? Check out the ARRL National Parks on the Air events. Full information can be found on the ARRL website. OARC will be activating Golden Spike National Historic site in May along with our W7G special event station. If you want more of a challenge you might like to try Summits on the air, SOTA; or Islands on the air, IOTA. What is one your favorite places to visit? If you prefer a more casual approach and don't want to activate one of these events, you can operate from the comfort of your shack and visit them all when they get on the air.

Links of interest:

[ARRL Contest Corral](#)

[ARRL Contest Calendar](#)

[ARRL National Parks on the Air](#)

[Summits on the Air](#)

[Islands on the Air](#)

CLUB NEWS

Amateur Radio General Class

Sponsored By
The Ogden Amateur Radio Club (OARC)



www.OgdenARC.org



Date: Wednesdays, 6, 13, 27 January 2016
Time: 6:00 PM - 9:00 PM
Location: Weber County Sheriff's Office, 721 W 12th St. Ogden
Training Manual: ARRL General Class Manual - 8th Edition
(available for \$25 from OARC)
Contact: Jason Miles: 801-896-3702, jmiles2@gmail.com
Details: www.OgdenARC.org



OARC COMING EVENTS



OARC Christmas Family Dinner

3rd Saturday 19 December 2015

General Class Licensing Class

Wednesdays, January 2016

Next VE Test Session

1st Wed 03 February 2016

MERRY CHRISTMAS



On sale for only \$14,500.00



CLUB NEWS

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 KT7JIM, Jim</p>	<p>AE7OK, Jay KG7WXB, Jared</p>
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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 #166



FOR SALE: Yaesu FT- 2800M

Yaesu FT- 2800M - 65 Watt 2 meter mobile transceiver.

It is like-new in box. Complete as it came from Yaesu,
including mobile mounting bracket and manual.

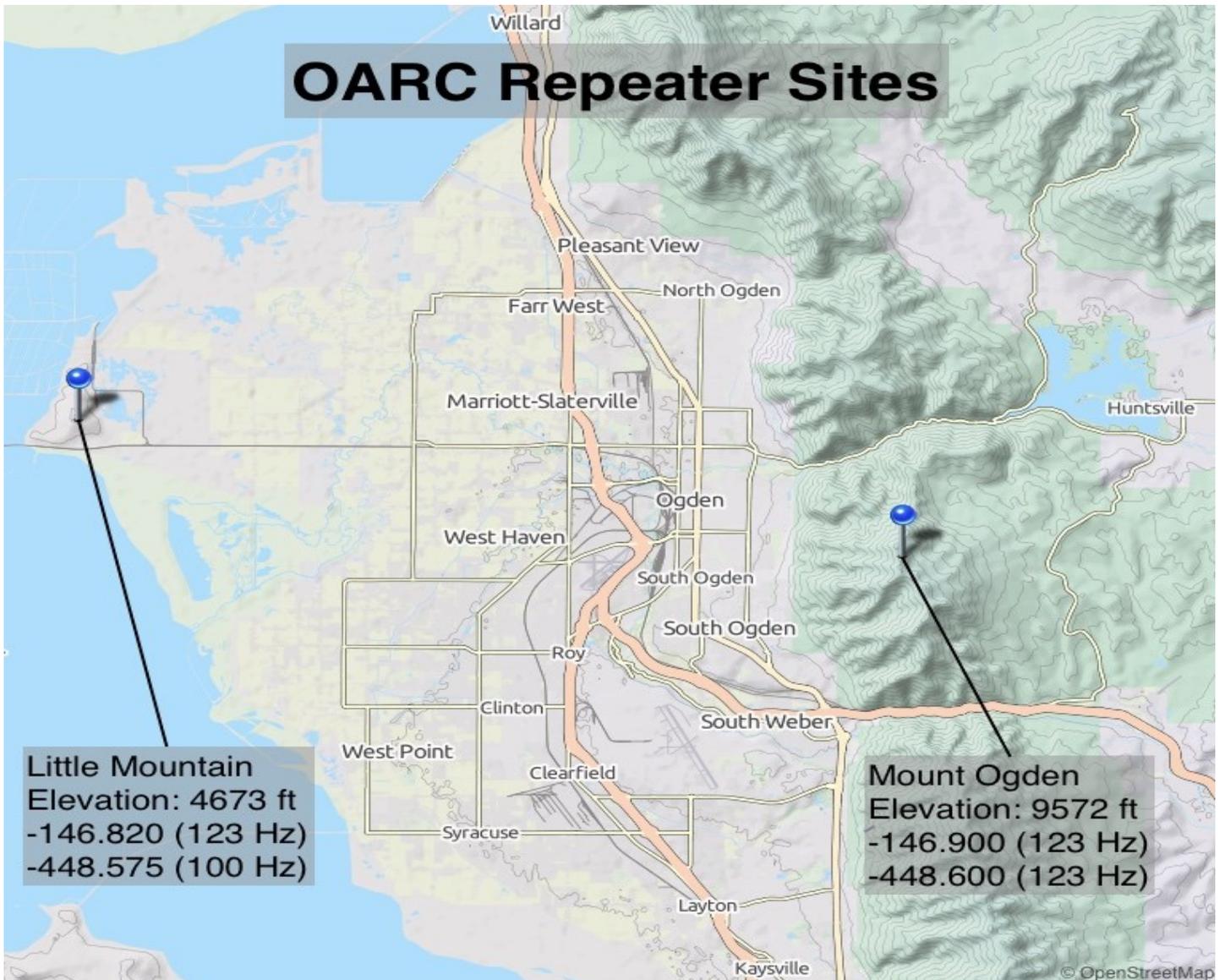
It was lightly used as a base station only. I am the original owner.

This is real heavy duty 2 meter work horse.

PRICE: Now only \$80

CONTACT: Larry Griffin at ad7gl@arrl.net or 801.388.1894

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.



Revamped FCC Website Expected to Debut on December 10

11/24/2015

The FCC has announced that its large-scale website redesign will be completed by December 10. The switch to the new site is set to begin on December 10 at 0100 UTC and will be completed about 4 hours later.

“While the transition to the revamped site is expected to be completed almost instantaneously, there will be an ongoing process following this transition that will continue to involve user feedback, fixes by the FCC’s Information Technology team, and content updates by policy bureaus and offices,” the FCC said in a November 24 .



FCC Not Processing License and Exam Session Files Again

The FCC Universal Licensing System ([ULS](#)) electronic batch filing ([EBF](#)) system was working for a brief window of time yesterday after being down since Friday November 13. Some files were processed through the system Wednesday, but the FCC is having a problem processing all VEC license and examination session files today. ARRL VEC Manager Maria Somma, AB1FM, said her office again had to alert the FCC IT staff, which are said to be looking into the issue but did not estimate how long the system would be down. Somma said it was the third time the EBF system has gone down since late September, when the FCC said a process had stopped running on an FCC server.

The FCC doesn't have a long term fix in place yet and it appears the same issue is happening again with more frequency. The amateur community should expect delays in exam license processing until the FCC can get this resolved. The FCC apologizes for the continued inconvenience this is causing the community. "We transmit the exam sessions to FCC as soon as possible, which is usually 24 to 48 hours from the day received in our office," Somma said. "We make every effort to process each session quickly and efficiently while following FCC rules. Unless there is missing candidate information or paperwork, we normally aim to send the session to the FCC within a few days, because most of the VEC staff understands what it feels like to wait for your call sign to be issued." Somma expressed the hope that applicants and VEs will be understanding and patient while the FCC resolves the problem.



FCC License and Examination File Processing System Getting Back on Track

11/24/2015

UPDATE

Something to be thankful for: The FCC's Universal Licensing System (ULS) electronic batch filing (EBF) system, which has had problems processing VEC license and examination session files since Friday, November 13, is expected to be caught up this week. Granting of applications was delayed as a result of a computer system snafu.

"The backlog of files started processing and generating responses yesterday," said ARRL VEC Manager Maria Somma, AB1FM. "The ARRL VEC staff is cautiously optimistic that our entire backlog of exam sessions and applications will be processed by FCC today and tomorrow."

Somma said the FCC staff discovered the cause of the EBF system filing problem and has begun to focus its troubleshooting efforts and hopes to have the problem fully resolved soon, to avoid further delays. She also relayed the FCC's expressed appreciation for the continued patience of those still awaiting license and application grants.

"The EBF system is functioning but may be delayed from time to time when the system halts and FCC has to move files manually to get them to process," Somma added.

This marked the third time the EBF system has gone down since late September, when the FCC said a process had stopped running on an FCC server.

As of last week, the ARRL VEC had more than 800 applications and nearly 200 exam sessions in the queue waiting for FCC processing. "We transmit the exam sessions to FCC as soon as possible, which is usually 24 to 48 hours from the day received in our office," Somma said. "We make every effort to process each session quickly and efficiently while following FCC rules. Unless there is missing candidate information or paperwork, we normally aim to send the session to the FCC within a few days, because most of the VEC staff understands what it feels like to wait for your call sign to be issued."

FCC website maintenance in early September put the ULS and other public applications offline for more than 5 days.



ARRL Reiterates Call for FCC to Make Historical Licensee Data Available



At the request of the FCC, the ARRL on November 13 filed supplemental comments urging the Commission to continue to make available via the Universal Licensing System ([ULS](#)) historical Amateur Radio license information not associated with a current licensee or a pending application. The League filed its initial [comments](#) in the proceeding, WT Docket 15-81, last June. In its earlier comments, the ARRL argued that historical license data not associated with a current license is a primary means for volunteer examiner coordinators (VECs) to research the validity of exam credit on the basis of a license once held by the candidate. ARRL General Counsel Chris Imlay, W3KD, who filed the supplemental comments on November 13, said the Commission now wanted to know how many applicants were taking advantage of lifetime examination credit, which went into effect in the summer of 2014.

ARRL told the FCC that its VEC currently transmits an average of five applications with expired license credits each week, and has handled some 300 such applications since July 2014. The W5YI VEC told ARRL that it relies heavily on historical license information too. ARRL argued that the number could grow, as word of the expanded opportunity for exam element credit continues to spread.

"The League concluded by again asking the FCC to continue to make available historical license data at least to VECs, if not the general public.

GUEST ARTICLE

by KB6NU

Kids are Not the Future of Ham Radio

By Bob Witte, K0NR

You've heard it a million times: our kids are the future. That statement gets applied to almost everything, including amateur radio. How can you argue with an obvious fact like that?

But I am starting to think it is incorrect.

We've had really good success on creating new hams of all ages in our Technician License Class (at the Tri-Lakes Monument Radio Association). We've been doing this for a while now and I think I am seeing a pattern emerge. We've been able to attract middle schoolers to the class and help them get their ham radio license. I've talked to many of them on the air. They've helped out with public service events. They seem to have fun playing with radios.

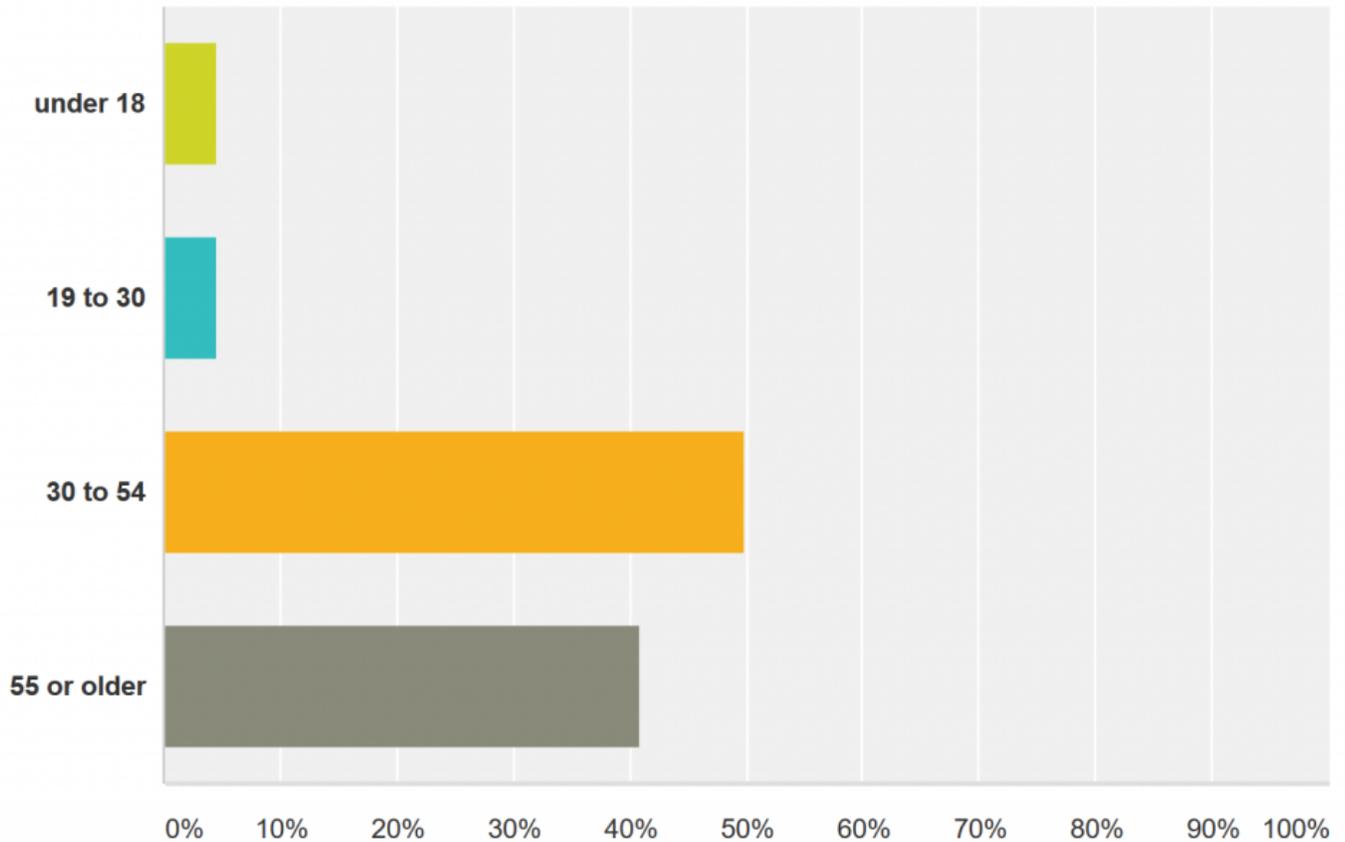
Then this thing called high school happens. The high school phase in the US is filled with tons of stuff to do: studying, homework, AP classes, science competitions, sports, dating, movies, driving and after school jobs. Way too much stuff. Ham radio starts to take a backseat to these normal high school activities. Then we don't see the kids at the radio club meetings or chatting on the local repeater because they are busy doing other things. Have we lost them forever? Not sure.

High school is often followed by college which has its own set of challenges: a totally new environment, away from home, a new set of people, new studies, etc. There might be a ham radio club on campus but maybe not. If a kid is not off to college they are (hopefully) out doing something to establish themselves in this world. Eventually they emerge on the other side, get a job, get themselves established, sometimes with a spouse and maybe a kid or two. By this time they are 25 to 30 years old, depending on the individual.

I recently posted about the demographics of our students in the Tech License Class (<http://www.k0nr.com/wordpress/2015/10/where-are-the-new-technicians-coming-from/>). The chart below shows the age distribution of our students from our most recent class. Hmmm, clearly most of our students are 30 or older. (Sorry, we have not collected age data with finer resolution.) This particular class is light on the under 18 crowd...sometimes we have a clump of kids in the mix.

What is your age?

Answered: 22 Skipped: 0



For whatever reason, it seems that most people find themselves in a situation as an adult that causes them to say "I want to get my ham radio license." When asked why they want to get their ham license, the top response is always emergency/disaster communications, followed by backcountry communications, pursuing electronics as a hobby and learning about radio communications. I suspect that starting to be established in a community and having some disposable income also play a role.

My hypothesis is that the most effective way of growing a vibrant ham radio community is to target adults ages 25 to 40.

This age range is more equipped and ready to be ham radio operators and are still young enough that they will be around for a while. Of course, we still want to work with all age groups, including kids and retirees. We've all seen very young hams get the bug for ham radio early and carry it throughout their life. And we also see plenty of older folks get interested in the hobby as they approach or enter retirement. We don't want to miss out on either of those groups.

So that's my read on the situation. I've got some data to support my theory but I can't really prove it. What do you think? What are you seeing in your ham radio community?

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	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	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: 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: 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

73 es cul de W7SU

www.OgdenArc.org