





he Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

JANUARY 2017

Next Club Meeting/Activity

Riverdale Fire Station



Jason Miles KE7IET President



Mike Taylor KE7NQH **Vice President**



Ceva Cottrell KE7IEV Secretary



Jerry Cottrell KG7IGW Treasurer



Mike Neal K7MLN **Program Director**



Activity Director



Dave Mamanakis KD7GR Val Campbell K7HCP Webmaster/NL Editor

PREVIOUS CLUB MEETING/ACTIVITY

December Activity

3rd Saturday 17 December 2016

OARC Christmas Family Dinner

Golden Corral—11th Washington Blvd, Ogden

NEXT CLUB MEETING/ACTIVITY

January Meeting

3rd Saturday 21 January 2017 @ 9:00 AM

Riverdale Fire Station

Mike Fullmer KZ70

Presents...

"ANTENNAS"

PREVIOUS MEETINGS PICS

Club Photographer ... Ceva Cottrell KE7IEV

























From the Shack of KE7IET







Jason Miles KE7IET

From the Shack of KE7IET

Happy new year from the Ogden Amateur Radio Club! Thank you to all those who came to the Christmas Party. I appreciate the generosity of those who brought gifts to exchange. For a while during the drawing, I thought we had more gifts than people. Congratulations to those who won the grand prizes.

Instead of describing a project this month, I'd like to write about amateur radio podcasts. For those unfamiliar with podcasting, think of it as on-demand radio or television. Podcast publishers post audio or video files to the internet. These files can contain content on a variety of subjects. The publishers also post a computer-readable list of the available files, and a program on your computer uses the list to download the files. You can then enjoy the audio or video content, especially since most of it is free. Please note that most of these podcasts are published by individuals or small organizations.

The easiest way to download podcasts is to use a podcast client or "podcatcher". There are many options for many platforms, and an internet search will probably provide options for your particular platform. Wikipedia has a good list: https://en.wikipedia.org/wiki/List_of_podcatchers

Some podcast clients have a built-in podcast directory. This makes them simpler to use, but not all podcasts may be included in their directories. Podcasts not included in a directory can generally be added via a RSS feed, which is the computer-readable list previously mentioned. If you find a podcast that interests you, and if it isn't available in your podcast client's directory, try to find the address to the RSS feed. Your client should have a place where you can enter the feed address to add the podcast.

Continued ...

Below is a list of amateur radio podcasts. RSS feed addresses are in parentheses. Please note that there are instances where two podcasts published by the same organization share the same RSS feed.

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Ham Nation (http://feeds.twit.tv/hn video large.xml)
AmateurLogic.tv (http://amateurlogic.tv/transmitter/feeds/hd.xml)
Ham College (http://amateurlogic.tv/transmitter/feeds/hd.xml)
Ham Radio Now (http://hamradionow.libsyn.com/rss)
100 Watts and a Wire (http://100wattsandawire.com/100-watts-and-a-wire/?format=rss)
Amateur Radio Newsline (http://www.arnewsline.org/news/rss.xml)
Amateur Radio QSO Show (http://tedrandall.com/podcast/feed.xml)
Chat with the Designers (http://www.cwtd.org/cwtd.rss)
Linux in the Ham Shack (http://lhspodcast.info/category/podcast-mp3/feed/)
HamRadio 360 (http://hamradio360.com/index.php/feed/podcast/)
HamRadio 360 Workbench (http://hamradio360.com/index.php/feed/podcast/)
ICQ Podcast (http://feeds.feedburner.com/IcqpodcastsAmateur/HamRadioPodcast)
SolderSmoke Podcast (http://www.soldersmoke.com/soldersmoke.rss)
The RAIN Report (http://www.therainreport.com/cgi-bin/podcast-rainreport.cgi)
QSO Today Podcast (http://qsotoday.libsyn.com/rss)
Everything Hamradio Podcast (http://www.everythinghamradio.com/feed/podcast/)
Ham Talk Live (http://www.spreaker.com/show/1607081/episodes/feed)
ARRL The Doctor Is In (https://www.blubrry.com/feeds/arrl the doctor is in.xml)
The Practical Amateur Radio Podcast (http://myamateurradio.com/feed/podcast/)
Foundations of Amateur Radio (http://podcasts.itmaze.com.au/foundations/feed.xml)
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Please note that many of these publishers produce this content as a labor of love. If you get value from their efforts, please consider donating to them.

Finally, you are welcome to join us for January's meeting. Mike Fullmer will be presenting on one of the essential components of every station: "antennas". Take advantage of the opportunity to tap into the knowledge of one of the club's experts.

Jason Miles KE7IET



OARC COMING EVENTS



Weber Co VE Test Session
Wednesday 01 February 2017

OARC Tech Class
May 2017

Home of the Ogden Amateur Radio Club—W7SU



Ogden Utah, Weber County



Sal Salazar KD7JRX - Silent key 73 Sal

Sal Salazar, Silent key

Sal was one of the first amateur radio operators I met upon moving to Ogden some 14 years ago. He was my source of antenna wire from his well stocked garage for the Skyloop in my backyard.

Sal has always been an active participant in our ham radio society. He, of course, was a key player with the Amateur Radio Emergency Service (ARES). In so many words, he earned his stripes.

In my mind, Sal earned the right to have SK added to his name upon his passing. What does SK mean in the first place? I understand that in Morse Code that S and K transmitted together means "End of Message or better yet End of Work", the latter coming from Wikipedia. SK may mean silent key, but added to it is the "End of Life" meaning.

Sal has certainly earned the right to have SK after his name.

TNX

Kent, WA7AHY 16Dec16

NOTE

The Mt Ogden 70 cm 448.600 MHz repeater is down.

It is a bad time of year for that to happen because access to the mountain top is near impossible.

Stay tuned for additional information.

HAM and EGGS Net

Tuesday Evenings at 7:00 PM Mountain Time

Mt Ogden 2 meter repeater 146.90 Mhz (-5 Mhz offset, 123.0 PL Tone)

New, Intermediate & Old Timers. Elmering, Education, General Ham Discussion and Rag Chew.

New hams encouraged to check in. Get connected, learn new things and ask questions.

Questions: Mike Neal K7MLN@hotmail.com

Next Weber County VE Test Session:

Wednesday 01 February 2017

Next OARC Licensing: Technician Class ...

May 2017

Congratulations to the following hams that licensed or upgraded at the Weber County VE Test Session on 05 October 2016.

GENERAL CLASS

Bundy, John KI7HOB
Howes, Richard KG7QNT
Jensen, Rex KI7HOF
Stanford, Russ KI7HNV
Steers, Jake KI7HNW

TECH CLASS

Bundy, Mary Ann KI7HOG
Evans, Aaron KI7HOD
Evans, Alekzander KI7HOC
Farr, Vern KI7HNX
Giles, Brett KI7HOE
Merkling, Daniel Jr KI7HOA
Merkling, Marlene KI7HNZ
Torrico, Walter KI7HNY

HOBBY NEWS

TECH CLASS & VE TEST SESSION

Davis County

The Davis County Amateur Radio Club is pleased to announce that they will be sponsoring a Technician Licensing Class.

It will be held in the lower level of the Layton City building located at 437 N Wasatch Drive, Layton, Utah, 84041.

There is no cost to take the class.

We will be using the Technician License Course book by Stu Turner. The books sell for \$21.95 plus shipping if you order them online but the Davis County Amateur Radio Club is selling them for only \$20.00.

The class starts on 5 January 2017 every Thursday evening from 6:00 – 8:30 PM thru 28 February 2017. Followed in 6 days by the testing session in Clearfield on 1 March 2017.

For more information or to buy a book contact Spencer Mark at ae7io@arrl.net.

HOBBY NEWS



WIMU Hamfest

We are pleased to announce that a site and date has been secured for the 2017 WIMU Hamfest.

It will be held on June 16, 17, 18 2017 Location: Garden City, Utah on Bear Lake.

Space has been reserved at the "Town Center" with additional space at the city park Bowery where a pancake breakfast will be served Sunday morning as well as closing meeting and main prize drawings.

Two very large rooms will be used for meetings, women's activities, kids activities and bingo. Perfect outdoor location is being supplied for the swap meet and very large lawn area for outdoor games and dealer booths.

There is a large RV park next door which will start taking reservations in January. They also have tent spaces and ATV rental. So far we are planning on having lunch availble Saturday with a pancake breakfast sunday morning. Costs will appropriate for families.

More information on that site will be on our website shortly when we build it under

"wimuhamfest.org".

Please save the date and spread the word. Thank you, hope to see you there.

Larry Jacobs - WA7ZBO John Jacobs - W7DBO



FCC Special Counsel Laura Smith Says Amateur Enforcement Will Be Aggressive

11/30/2016

FCC Special Counsel Laura Smith told a standing-room-only audience at the ARRL Pacific Division Convention (Pacificon) in October that, despite FCC cutbacks, Amateur Radio enforcement will not be compromised. Smith spoke for nearly an hour and a half on a variety of FCC issues related to Amateur Radio, and the **entire presentation** is available on YouTube, thanks to Bob Miller, WB6KWT, and his son Robert, KA7JKP, who recorded the forum. Smith said that with the FCC set to shut down 11 field offices across the country in January, the Enforcement Bureau has reorganized into three US regions, and she does not anticipate any significant issues for the Amateur Service as a result.

"The amateur community will go forward," she said, noting that amateurs have "an incredible ability to self-police." In light of the field office closings, she has been working with ARRL to revamp the Official Observer (OO) program.

"We are going to redo the entire program," she told the Pacificon forum. Given that the field office cutbacks have left the FCC short staffed, the OO program will step into the gap, with OOs serving as the first line of defense in Amateur Radio enforcement, she explained. Working more closely with the OOs, Smith said, will get information on problems to the field staff more quickly, so they can follow up.

Smith praised the OOs for contributing their time and effort to monitor the bands and to alert licensees both to problematic and positive behavior on the air.

She also said the FCC is more aggressively policing the Amateur Radio bands, and she cited the <u>case</u> of an unlicensed individual in New York, who was arrested and assessed a fine for interfering with Amateur Radio repeaters as well as with public service communication systems.

"We're aggressively going after people who are cutting into your frequencies," Smith assured her audience. So far this year, she said, the FCC has proposed some \$60,000 in fines to Amateur Radio licensees, for various alleged infractions. She said her office continues to receive complaints about intentional interference, and, she allowed, "Sometimes...okay, maybe all the time...we don't get to [these] as quickly as you might like." Smith said there are "band neighborhoods" on the bands, and, typically, offenders tend to stick together, and "you can avoid that neighborhood," she said. "If you know a frequency is a 'problem frequency,' don't go there." Those who do engage troublemakers on the air, however, become part of the problem. "Spin the dial," she advised. "Walk away. Don't allow that ugliness to seep in. Avoid it at all costs." "It bothers me that we have amateurs out there who are misbehaving," she said, "when the bulk of you are incredible people."

Smith returned as FCC special counsel to Amateur Radio enforcement in June after being detailed to another enforcement assignment for 2 years. Her position is now in the Spectrum Enforcement Division, which, she pointed out, gives her access to field engineers as well as to attorneys, engineers, and analysts in the Division. She noted that it is now possible to <u>file</u> Amateur Radio-related complaints online and said doing so expedites handling.



FCC Affirms Penalty for Unlicensed Amateur Operation, Making False Distress Call

12/05/2016

The FCC has affirmed a \$23,000 penalty against Daniel Delise of Astoria, New York, for operating without an Amateur Radio license on 147.96 MHz and for transmitting a false officer-in-distress call on a New York City Police Department (NYPD) radio channel. The FCC's December 5 *Forfeiture Order* follows its August 31 *Notice of Apparent Liability for Forfeiture* (*NAL*), which detailed a history of complaints and alleged illegal radio operation by Delise dating to 2012.

"The penalty represents the full amount proposed in the *Notice of Apparent Liability for Forfeiture*, and is based on the full base forfeiture amount as well as an upward adjustment reflecting Mr. Delise's decision to continue his misconduct after being warned that his actions violated the Communications Act (Act) and the Commission's rules," the FCC *Forfeiture Order* said. The FCC said Delise's response to the *NAL* offered "no reason to cancel, withdraw, or reduce the proposed penalty."

Last summer, ARRL Hudson Division Director Mike Lisenco, N2YBB, credited the intervention of New York Rep Peter King with getting the case "off the back burner and up to the front of the line." Lisenco and ARRL General Counsel Chris Imlay, W3KD, met with the Republican congressman in January to discuss ongoing interference issues in the Greater New York City/Long Island area. King subsequently wrote FCC Chairman Tom Wheeler to urge "timely and visible enforcement."

Lisenco also praised the direct involvement of FCC Enforcement Bureau Region 1 Director David C. Dombrowski "and his willingness to work with us and to use information we provided as potential leads," as well as "a system of grass-roots reporting that depicted the current pattern of intentional interference with legitimate amateur communications on local repeaters," coordinated by Richie Cetron, K2KNB, an ARRL Official Observer and Assistant Hudson Division Director. Lisenco said FCC Special Counsel Laura Smith had been "a great help in keeping us informed and in the loop."

The September 15 response to the *NAL* did not deny that Delise violated the Communications Act and FCC rules but argued that the FCC should reduce or cancel the fine because he is currently incarcerated and has no income or assets of any kind. The FCC turned away that argument.

"We decline to reduce or cancel the forfeiture on this basis," the FCC said in the *Forfeiture Order*. The FCC said Delise did not provide any documentation to substantiate his claim of inability to pay.

Last April the FCC Enforcement Bureau issued a *Notice of Unlicensed Operation*, after determining that Delise was transmitting on 147.96 MHz, a repeater input. Not long after, the NYPD informed an FCC field agent that police had taken Delise into custody for "sending out false radio transmissions" over the NYPD radio system and for possessing radios capable of operating on NYPD frequencies, in violation of state law.

The FCC has given Delise 30 days to pay the fine. If he fails to do so, the case "may be referred to the US Department of Justice for enforcement of the forfeiture," the FCC said in its *Forfeiture Order*. He could have been fined more than \$140,000, under the provisions of the Communications Act. Delise now is serving prison time resulting from the false police call and guilty pleas to other charges.

GUEST ARTICLE

By Dan, KB6NU

Noise floor report does not inspire confidence

Last June, the FCC's Technical Advisory Committee asked licensed and unlicensed users of the electromagnetic spectrum to answer some questions about the noise they were experiencing and whether or not it was affecting their services. Specifically, they asked:

* Is there a noise floor problem?

* Where does the problem exist? Spectrally? Spatially? Temporally?

* Is there quantitative evidence of the overall increase in the total integrated noise floor across various segments of the radio frequency spectrum?

* How should a noise study be performed?

Well, the results are in, and Radio World recently published a summary of the responses that the FCC received (http://www.radioworld.com/business-and-law/0009/noise-floor-where-do-we-go-from-here/338242). The FCC received 93 replies from 73 (great number, eh?) different people or organizations, including:

- * 23 companies/industry organizations
- * 39 RF professionals (broadcast and wireless)
- * 31 licensed radio amateurs
- * 9 responders did not reply to the questions asked

Respondents included the ARRL, the Society of Broadcast Engineers, the National Association of Broadcasters, the National Public Safety Telecommunications Council, ATT, and the National Electrical Manufacturers Association. I found especially interesting comments from the Society of Broadcast Engineers. They include:

- * Increased cooperation is needed between manufacturers of Part 15 devices and users of radio spectrum to identify noise sources and take appropriate remedial action.
- * Radiated emission limits below 30 MHz in the FCC Part 15 rules for unintentional emitters should be enacted. There are presently no radiated emission limits below 30 MHz for most unintentional emitters.
- * Reduced Part 15 limits for LED lights should be enacted to be harmonized with the Part 18 lower limits for fluorescent bulbs.
- * Better labeling on packaging for Part 18 fluorescent bulbs and ballasts to better inform consumers of potential interference to radio, TV and cellphone reception in the residential environment.
- * Specific radiated and/or conducted emission limits for incidental emitters, such as motors or power lines, should be enacted.
- * Conducted emission limits on pulse-width motor controllers used in appliances should be enacted.
- * Substantially increase the visibility of enforcement in power line interference cases.

continued

Other organizations made similar comments.

While the report is encouraging, it won't mean a thing if no action is taken on these issues. Given that the FCC is cutting back on its field offices, and our president-elect has said that he plans to reduce the number of governmental regulations, I'm not optimistic that we'll see the noise situation get better before it gets worse. What do you all think?

When he's not battling the noise floor at his QTH, Dan blogs about amateur radio at KB6NU.Com, writes the "No Nonsense" amateur radio study guides and teaches ham classes. You can contact him by e-mailing cwgeek@kb6nu.com.



Club Swapmeet



"SALE" or "WANTED" ITEMS NEEDED

OARC's O-bay (On-Line Swap-Meet) items needed for the web site...

Visit http://www.ogdenarc.org/ then click on **Obay-Swap.**

FEATURED ITEMS

SWAP ITEM # 175

FOR SALE:

Rohn 25G style mast tower (1 foot on the side)

Three 9 foot sections with a top mount section.

The bottom section is buried a foot into a concrete block in the ground.

There is what appears to be an old VHF low band business antenna on the mast.

See picture looking up the mast and me pointing at the first joint.

The owner needs it moved as soon as possible, he will pull the concrete base out of the ground.

Located near the 5000 block on Harrison BLVD in Ogden. Make offer. Email is best for more information.

PRICE: MAKE OFFER

CONTACT: Ray White K7RFW, <u>CRWHITE@AIRMAIL.NET</u>



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FEATURED ITEMS

SWAP ITEM # 171

FOR SALE:

Hy-Gain AV-14AVQ Vertical 4 band HF Antenna (10m/15m/20m/40m)

Antenna was used ground-mounted with 4 radials for two years.

Value new = \$189

Good stealth antenna as it is only 18 ft. in length.

It is complete in the original factory box and includes factory manual.

PRICE: \$ 80 (firm), cash only

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

NOTICE



Club Swapmeet



"SALE" or "WANTED" ITEMS NEEDED

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Visit http://www.ogdenarc.org/ then click on **Obay-Swap.**

FEATURED ITEMS

SWAP ITEM # 174

FOR SALE:

RFS 1/2" Heliax

RFS 1/2" Heliax new on the roll for \$1.00 a foot. We have 2000 Ft available and will cut to your length.

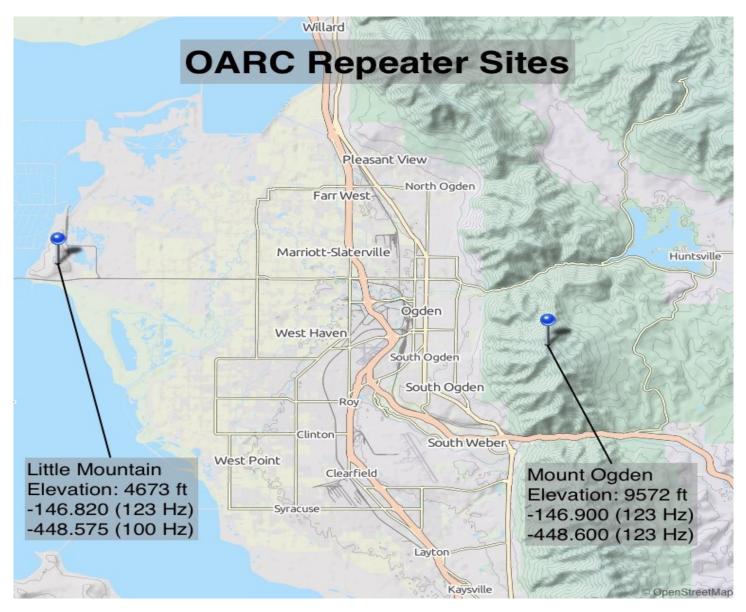
This is RFS Cellflex LCF12-50J Heliax cable. It is similar to Andrew LDF4-50A 1/2" Heliax and the connectors fit both cables.

We don't have connectors for this cable but we can show you where you get get them from a number of suppliers starting at \$5.00 each.

PRICE: \$ 1 / foot

CONTACT: Mel Parkes, NM7P at 801-673-6116 or John Lloyd, K7JL at 801-943-8830 - Payment via PayPal at http://www.utahvhfs.org/

CLUB REPEATER NEWS









Mike Fullmer KZ70

Scott Willis KD7EKO and Mike Fullmer KZ7O are the OARC repeater engineers that keep our club repeaters at Mt Ogden and Little Mountain operational.

OARC YAHOO GROUP



Did you know that OARC has a Yahoo Group?

We occasionally communicate with our OARC members via the Yahoo Group. Receive notices regarding upcoming club meetings and future e-newsletter release notices and much more like CHAT items of interest.

You can also send/receive notices to/from other group members yourself.

It's easy to sign up...

Just click on the **Join Now!** 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.

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday of each Month

The Ogden Amateur Radio Club meetings are usually held on the **3**rd **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				
(*) Yaes	(*) Yaesu Fusion digital/FM compatible			
FREQ	CLUB	TONE	LOCATION	
146.900-	OARC (*)	123.0	Mt Ogden	
448.600-	OARC (*)	123.0	Mt Ogden	
440.000-	OARC ()	125.0	Wit Ogucii	
446.000	0.456(1)	100.0	71.0	
146.820-	OARC (*) "Talk-in"	123.0	Little Mtn	
	i aik-iii			
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/	2 nd Thursday 06:30 pm	Weber Co. Library
	join.html#ares		Ogden Utah
WC Sheriff		1 st Saturday 10:00 am	Weber Co. Sheriff Complex
Comm-O			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	Last Wednesday 8:30pm	Clearfield City Hall
	/ares.htm/		Clearfield Utah
DCarc	dcarc.net	2 nd Saturday 10:00 am	Davis Co. Sheriff Complex
			Farmington Utah
NU Ares	home.comcast.net/	3 rd Wednesday 7:00 pm	Cache Co. Sheriff Office
	~noutares/		Logan Utah
Uarc	xmission.com	1 st Thursday 7:30 pm	UofU EMC Bldg Room 101
	/~uarc/		Salt Lake City Utah
GSarc	Ubetarc.org	Check Website	Check Website
Utah DX	udxa.org	3 rd Wednesday	check web page for details
Association		check web page for details	Salt Lake City area
UvhfS	ussc.com	Each Tuesday 8:00 pm	Weekly 2 meter net
	/~uvhfs/	(refer to web site)	(no eye ball meetings)
WDArc	westdesertarc.org/	1 st Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	https:groups.googl	3 rd Thursday 5:30 pm	WSU Blding #4 Room ?
VVSUAIC	e.com/forum/#!	3 Thursday 5.30 pm	Ogden Utah
	forum/wsuarc		- 0

LOCAL AREA N	IETS

EOGAL MALIS			
DATE	CLUB	FREQ	
Daily @ 12:30 PM mt	Utah Beehive net HF	7.272 Mhz HF LSB	
Daily @ 07:30 PM mt	Utah Code net HF	3.570 Mhz HF CW	
Daily @ 02:00 UTC	Utah Farm net HF	3.937 Mhz HF LSB	
Sunday @ 8:45 AM	Ogden Old Timers HF net	7.193 Mhz HF LSB	
Sunday @ 7:30 PM	GS ARC	145.430 - 123.0 (training net)	
Sunday @ 8:30 PM	SATERN Net	145.900 - 123.0	
Sunday @ 9:00 PM	Morgan Co Net	147.100 +123.0	
Sunday @ 9:00 PM	UARC Info net	146.620- no PL tone required	
Monday @ 9:00 PM	2-meter SSB net	144.250 Mhz 2-meter USB	
Tuesday @ 7:00 PM	OARC—Ham & Eggs Net	448.600 -123.0	
Tuesday @ 8:00 PM	Weber ARES	448.600 - 123.0	
Tuesday @ 8:00 PM	VHF Society Swap	147.120 + 100.0	
Tuesday @ 9:00 PM	Bridgerland ARC	147.260 + 103.5	
Wednesday @ 8:00 PM	GS ARC	145.290-, 145.430-, 448.300- (all 123.0)	
Wednesday @ 8:30 PM	CSERG	145.770 simplex	
Wednesday @ 9:00 PM	No. Utah 10m HF net	28.313 Mhz HF USB	
Wednesday @ 9:00 PM	6-meter SSB net	50.125 Mhz 6-meter USB	
Thursday @ 6:30 PM	Davis Co Elmers Net	147.040 + 123.0 New Hams	
Thursday @ 8:00 PM	Weber State ARC	146.820 - 123.0 (coming soon)	
Thursday @ 8:00PM	State RACES VHF/IRLP	145.490 - 123.0, 146.680 - 123.0 3 rd Thursday - even months only	
Thursday @ 8:30 PM	Davis ARES	147.420 = simplex	
Thursday @ 9:00PM	Wasatch Back Net	147.360 + 100.0	
Saturday @ 8:00AM mst	RACES State HF	3.920 Mhz HF LSB 3 rd Saturday – odd months only	
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz HF LSB	

OARC OFFICERS

OTHER CLUB APPOINTMENTS

President: Jason Miles KE7IET VE Liaison: Richard Morrison W7RIK

Jason Miles KE7IET (IT)

Vice Pres: Mike Taylor KE7NQH

Secretary: Ceva Cottrell KE7IEV

Repeater Engineers: Mike Fullmer KZ7O

Scott Willis KD7EKO

Treasurer: Jerry Cottrell KG7IGW Photographer: Ceva Cottrell KE7IEV

Program Director: QSL Manager: Ceva Cottrell KE7IEV

Mike Neal K7MLN

Historian/Librarian: Kent Gardner

Activity Director: WA7AHY

Dave Mamanakis KD7GR

Equipment Manager: Val Campbell K7HCP

"WATTS NEWS" e-Magazine

Club Call Sign Trustee: Larry Griffin AD7GL

Advisors:

NL Editor: Val Campbell K7HCP

Webmaster: Val Campbell K7HCP

"OARC" web site Mike Fullmer KZ70

Kent Gardner WA7AHY

Kim Owen KO7U

Stan Sjol WOKP

Larry Griffin AD7GL

Gil Leonard NG7IL

73 es cul de W7SU