

WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

OCTOBER 2024

Next Club Meeting/Activity/Events

Look Inside



Craig Howe W0VRM
President



Justin Hall KB7LAK
Vice President



Colleen Pike KJ7EAY
Secretary



J. Siddle KG7CJN
Treasurer



Don Burris KI7UAO
Program Director



Zoe Bartholomew KK7LWB
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

OARC Website Manthead

www.OgdenArc.org

OARC OFFICERS

President: Craig Howe W0VRM

Vice President: Justin Hall KB7LAK

Secretary: Colleen Pike KJ7EAY

Treasurer: J. Siddle KG7CJN

Program Director: Don Burris KI7UAO

Activity Director: Zoe Bartholomew
KK7LWB

OARC ADVISORS (past presidents)

Gary Liptrot N7ZII

Mike Fullmer KZ7O

Kent Gardner WA7AHY

Kim Owen KO7U

Larry Griffin AD7GL

Gil Leonard NG7IL

Jason Miles K7IET

Dave Mamanakis KD7GR

Executive Operations Manager

Val Campbell K7HCP

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

"OARC" web site

Webmaster: Val Campbell K7HCP

Postmaster: Val Campbell K7HCP

Membership Clerk: Val Campbell K7HCP

OARC VOLUNTEER APPOINTMENTS

10m Net Control - Mike Fullmer KZ7O

Antenna Manager - open

Assistant Photographer - Rick Hansen N7EGA

Badge Manager - Barbara Siddle KB7FWW

Club Call Sign (W7SU) Trustee - Larry Griffin AD7GL

Club Caterer - Ceva Cottrell W7CVA

Club Chef - Dave Mamanakis KD7GR

Club Elmer - Stan Sjol W0KP

Club Facility Manager - Dave Mamanakis KD7GR

Club Technical Support - Rick Morrison W7RIK

Equipment Loan Program - Val Campbell K7HCP

Equipment Manager - Dave Mamanakis KD7GR

FD Log Manager - Jason Miles KE7IET

Field Operations Manager - open

Ham & Eggs Breakfast - Dave DeHeer KJ7DAD

Ham & Eggs Net Control - Kenny Pronschinske KI7UFN

Ham & Eggs Net Control - Larry Griffin AD7GL

Ham & Eggs Net Control - Stan Sjol W0KP

Ham & Eggs Net Control - Bryce Draper KI7YZU

Historian/Librarian - Kent Gardner WA7AHY

Media Manager - Kent Gardner WA7AHY

Photographer - Alan Buttars N7AFR

QSL Manager - Pete Helsing AI7GV

Repeater Engineer - Mike Fullmer KZ7O

Repeater Engineer - Scott Willis KD7EKO

Social Media Manager - Dave Mamanakis KD7GR

YouTube Videos - Jason Miles KE7IET

VE Liaison Operations - Rick Morrison W7RIK

VE Assistant - open

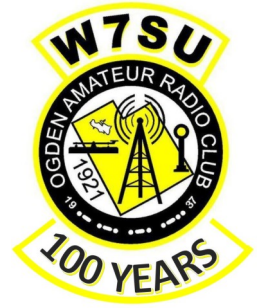
VE IT - Jason Miles KE7IET

YL Net Control - Teresa Haymaker N4MBA

Zoom Manager - Justin Hall KB7LAK



OARC COMING EVENTS



Next Meeting/Activity

In-Person Meeting

More inside

**Congratulations to those who successfully tested
at the latest OARC VE TEST Session**

EXTRA	CALL
GENERAL	CALL
TECHNICIAN	CALL

See inside newsletter

Next scheduled VE Test Session

1st Wednesday 05 February 2025 @ 6:00 PM

CLUB ANNOUNCEMENTS

HAM and EGGS Net

Tuesday Evenings at 6:30 PM Mountain Time

Mt Ogden **70 cm repeater 448.600 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.

Net Control: Larry Griffin (AD7GL), ad7gl@arrl.net

Stan Sjol (W0KP), stansjol@xmission.com

Kenny Pronschinske (KI7UFN), kennypron@hotmail.com

Bryce Draper (KI7YZU), brycejill@outlook.com



Larry Griffin

AD7GL



Stan Sjol

W0KP



Kenny Pronschinske

KI7UFN



Bryce Draper

KI7YZU

10 Meter Net

Thursday Evenings at (18:30) 6:30 PM MT

10 Meters HF - **28.375 MHz SSB (USB)**

Purpose is to promote activity on the 10 meter band (especially during low sunspot activity).

To give technician class operators an opportunity to operate phone, and to provide a venue for conversation and experimentation with antenna and ground wave propagation.

NOTICE: **“Work toward getting your “10 on 10 Award”**

“Work toward getting your “10 meter WAS Award”

Questions and Net Control: Mike Fullmer KZ7O, kz7o@arrl.net



Mike Fullmer KZ7O

... New ...

“YL” Ladies Only Net

Monday Evening (19:00) 7:00 PM MT

70 cm Repeater - 448.600 MHz (neg offset, PL=123)

Purpose is to promote the “YL” lady operators an opportunity to mingle together (without men operators bothering them—Hi Hi).

Net Control: Teresa Haymaker N4MBA



Teresa Haymaker N4MBA

Ham & Eggs Breakfast

Each Wednesday, at a very early 8:00 am, some of the club members meet for an informal breakfast get-to-gather. Everyone is welcome.

Now at:

The Rusted Spoon-Ogden (previously The Stagecoach)

1310 Wall Ave, Ogden, UT

NOTE: See you there ... if you can get up that early.

73, Dave KJ7DAD



Dave DeHeer KJ7DAD

A MESSAGE FROM OUR PRESIDENT

Craig's Corner - A Message from our President



Craig Howe W0VRM

Craig's Corner October 2024

Hello ham family,

This month we get to return to the Utah Military Academy for our club meeting at 9:00 am.

We will be conducting our annual Club Auction which is a fund raiser for our steak fry.

If you have extra equipment, please consider bringing it to donate to the auction. Bring a few bucks to buy new treasures too!!

In current news, we have been watching and hearing so many experiences of folks in the wake of Hurricane Helene that have only had communication via ham radio.

I love this hobby. I also recognize that there are times when the "hobby" gets very serious and literally provides lifesaving support.

I appreciate all of you who take time each week to check into nets and use your radios. With this powerful reminder that has been shown us, it is a good time to evaluate our personal preparedness and including our radio readiness at home, mobile capability and in the field should we be needed.

We had an exam session this past first Wednesday and welcome the new operators to join us.

Feel free to invite friends, neighbors and family to consider the benefits of ham radio and join us as we offer classes.

We also invite you to consider opportunities to serve the club.

Current needs include:

Editor for our Newsletter

QSL Manager

Antenna Manager

External service events coordinator

If you would like to serve in one of these positions please let me know @ craigshowe@gmail.com, (801) 390-3958.

73 until next time,

Craig W0VRM

NEXT CLUB MEETING/ACTIVITY

CLUB NEWS

Next Club Meeting/Activity

OARC: AUCTION (donation) MEETING

Date: 3rd Saturday 19 October 2024

Time: 9:00 am

Location: Utah Military Academy - 5120 S 1050 W, Riverdale) [MAP](#)

NOTE:

Bring your unwanted, excess, no longer needed, hobby related things to donate.
Bring your \$\$\$ to bid on all the special items others have donated.
Don't go away empty handed.

Note:

Proceeds from Auction go to fund FREE steaks at 'Steak Fry' in August.

>>> Check website for details

PREVIOUS CLUB MEETING/ACTIVITY

CLUB NEWS

PREVIOUS CLUB MEETING

Tri-County SwapMeet

DCARC / OARC / UARC - Joint (tri-county) Swap Meet

Date: 3rd Saturday, 21 September 2024

Time: 8:00 am - 12:00 pm

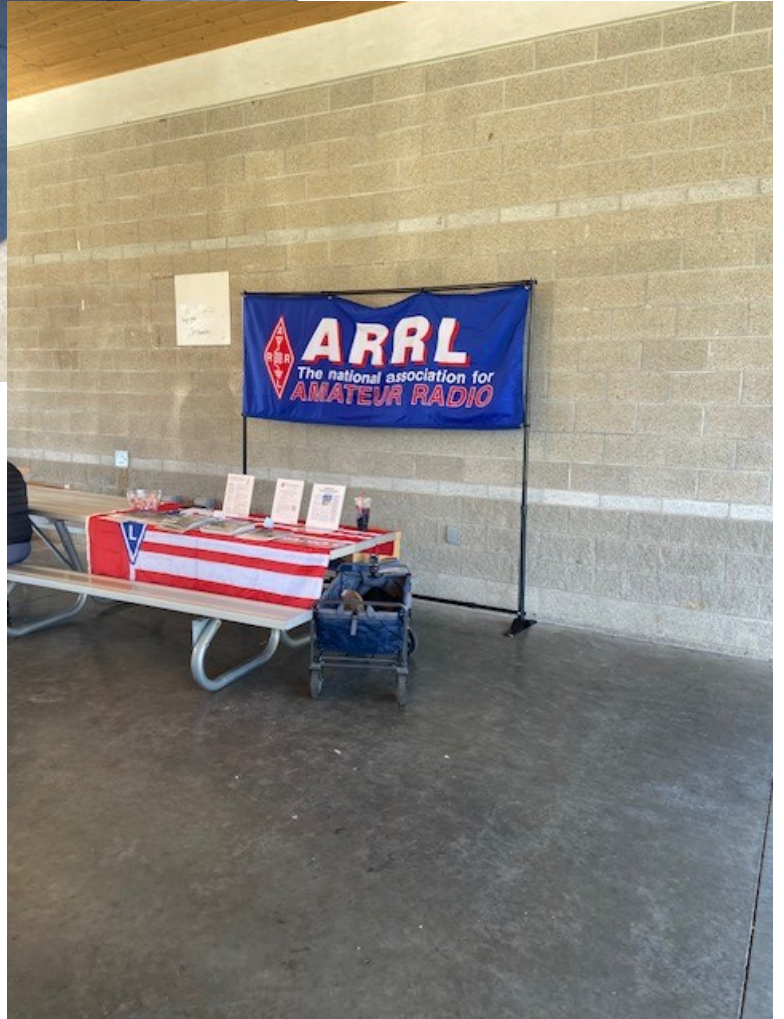
Location: Bountiful City Park (100 West 400 North Bountiful) >>> MAP

Photos and links located on the club web site home page.



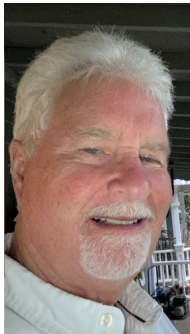






PREVIOUS MEETING PICTURES

Photos by ... **club photographers**



Alan Buttars N7AFR



Rick Hansen—N7EGA

"Previous Meeting/Activity/Event" ...

Photos and links located on the club web site home page.

ALSO

Check out the OARC Facebook page

"Ogden Amateur Radio Club"

CLUB & HOBBY NEWS

**Congratulations to those who successfully tested
at the latest OARC VE TEST Session**

EXTRA

GENERAL

TECHNICIAN

Baxter, James A KK7VSQ

Peters, James E KK7VSD

Rackham, Davis S KK7VSF

Stanger, Jacob C KK7VRL

Stuart, Noah ... tbd

CLUB NEWS

Val Campbell K7HCP



NOTICE

OARC needs the following: NEW!

- ***Newsletter Editor—Watts News***
-
- ***QSL Manager—Golden Spike Special Event***
-

Contact any club officer if interested.

Don't hesitate, these volunteer positions won't last long!

CLUB NEWS

Val Campbell K7HCP



VERY INTERESTING

OARC recently received an eMail from an unlikely source that included a MP3 sound byte of two hams engaged in a QSO.

The email asked ... IS THIS OARC?

After listing to the MP3 I recognized the call sign of one of the hams in the QSO as a local OARC member. The second ham engaged in the QSO was not a current OARC member.

I replied to the email and asked ... who was the respondent and how did he come to be listening to an OARC QSO?

He replied that he is not yet a ham, his name is Jorden, lives in Belle Vernon, PA and that he was listening to OARC via the Northern UTAH Web SDR.

<https://www.sdrutah.org/>

HOW INTERESTING IS THAT?

CLUB NEWS

Craig Howe W0VRM



We have been invited by the Weber ARES group to provide donations for the Appalachia folks. If you feel that you are able and would like to help here is the information.

73, Craig W0VRM

Hello All,

I have been listening to a Ham net located at the Avery county airport distribution point in NC. They are in need of some various items to help with communications in the area. As a leadership team we have decided that we would like to try to help them out. They are in need of the items as soon as they can get them so we have decided that the best method would be to get them what they need is to collect funds from anyone on the team interested in donating and then placing an amazon order. I have confirmed with the net control the airport is accessible for Amazon deliveries. If you would like to donate, I can collect funds either by Venmo if you have/use it or we can arrange a meetup for cash (Chazz has offered to meetup with you and bring the cash to me). We will most likely be purchasing solar panels/controllers and inverters to help them keep radios charged and functioning. They are in need of a solar setup for a repeater that is located on a mountain so that they don't have to keep going up the mountain to keep it going. Please dont feel like we are requiring it the whole purpose is to give you the opportunity to Dontate if you would like to. my Venmo is @Brad-Sawyer-KG7HYU if you would like to donate that way. Thank you for all that you do for our community.

Thanks,

Brad Sawyer

KG7HYU

ARRL Weber County EC

(801)648-6283

CLUB NEWS

Craig Howe W0VRM



Radio Seminars For Neighbors

We hold a series of “Master Classes” in our ward. I was asked to provide a class on radio.

We talked about the different kinds of radios, explained options.

Even share parts of the Technician class that explains how radio works (wavelength, frequency and the like).

Had about 6 folks attend. Afterwards the fellow who organizes the classes came to my home, took a look at the shack and brought his radio for me to program. He has a technician license but has not done much with it so far. I’m hoping that now he has a radio programmed for local frequencies and repeaters AND a list of nets that he may choose to participate.

Any chance to promote radio is a good day for me :)

Craig W0VRM



CLUB NEWS

Ham Shack Photos

STILL WANTED—STILL NEEDED

Send me your Ham Shack Photos soon!

Submit to: k7hcp@arrl.net or w7su@arrl.net or 801.389.0690

CLUB NEWS

Unique QSL Cards

STILL WANTED—STILL NEEDED

Send me your QSL Card Photos soon!

Submit to: k7hcp@arrl.net or w7su@arrl.net or 801.389.0690

CONTRIBUTING EDITOR SUBMISSIONS

GUEST CONTRIBUTION

By Kent Gardner WA7AHY



Amateur Radio and Scouting

Scouting and ham radio have grown together over the years. Even before I got my Eagle Badge in, I think, 1956, I have been proud to wear the scout uniform.

In order to get the First-Class badge then, one had to know the Morse Code at 5 words a minute. I am sure the war years contributed to this as was the need for trained radio and communications technicians.

I built my first radio that had one transistor. I could receive the local AM radio station five miles away, KBAR in Burley, Idaho. I took my pride and joy to scout meeting one night to show it off. I ran my doorbell wire antenna around the scout room and connected the ground to a steam radiator. My friend who got me into radio and electronics suggested that I connect the antenna to the cold side of the electrical outlet, theorizing that the wire in church would act as a super antenna. I did that, and you guessed it, the wiring was probably crossed up somewhere and it blew my transistor immediately.

I am now a merit badge counselor for Radio, Electronics, Electricity, Communications, Journalism and the new Signs, Signals and Codes. When the local Weber Rapids District put on a Scouting Fair, I signed up immediately. The purpose of the fair was to show prospective boys and girls what scouting was all about. This was a younger crowd and most would not know what these merit badges were all about, but from experience of showing my Morse Code display at Field-day and the Golden Spike Special Events station, I knew that the tones and clicks of the keys and keyers would open up new possibilities in these young minds.

Continued ...

The picture below shows an overall view of the display.



My Kenwood TS-2000 transceiver is in the middle of the table with my Morse code key display to the left. The Signs, Signals and Codes area is shown on the easel to the right.

The event had about 300 participants as shown by the hot dog and cotton candy area. There was a goodly number who visited the booth. When someone came by, we would mark off their card and when they got enough sign offs they would qualify for a free cotton candy.



The Challenging Outdoor Personal Experience (COPE) area brought up thoughts as to whether I could load my transmitter into the COPE cable array.



Fellow ham club member, Ken Jaynes, KJ7QJJ, an experienced scouter, volunteered to help out.

Here, he is showing a father what frequencies we could use and how we could talk to other hams elsewhere in the US. Ken was able to work Massachusetts, Minnesota, SW Washington on the 20-meter band and checked into the Ogden Amateur Radio Club's (OARC) 10-meter net. We used a G5RV-Jr. dipole in an inverted V configuration.



Here, Ken points toward the antenna while a scout practices spelling his name using the American Sign Language (ASL)



I tracked down two missionaries from the Church of Jesus Christ of Latter-Day Saints who worked with the deaf. They were happy to help out.

Below, a mother and her two sons practiced ASL. It was surprising how many of the youth already had a knowledge of ASL. The merit badge also challenges the participants on how to spell their name and make up a short message in Braille. This is more difficult to do, but it teaches them how to understand others who have disabilities.



I gave out two of my ham radio business cards to leaders who may want their Scout troops and Cub packs to learn more about radio and communications.

TNX Kent Gardner, WA7AHY



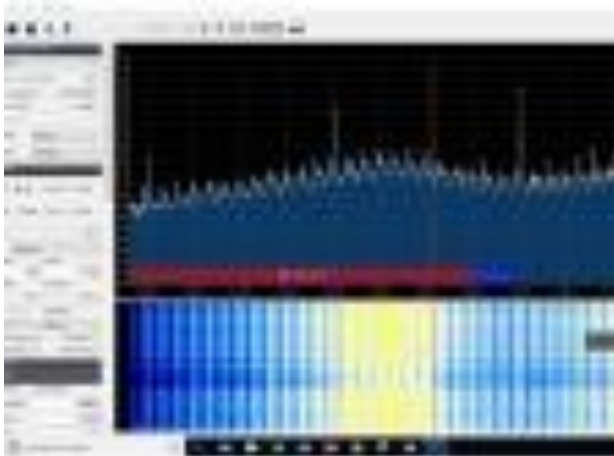
Solar Energy Basics

Photovoltaic (PV) materials and devices convert sunlight into electrical energy, by connecting smaller PV cells together to form larger units known as modules or panels which are then used to form arrays. The arrays can then be connected to the electrical grid to form a complete PV system. PV systems might also include mounting structures that point panels toward the Sun, along with the components that take the dc produced by modules and convert it to the ac electricity used to power all of the appliances in a home (see the United States [Department of Energy](#) website for more information on PV systems).

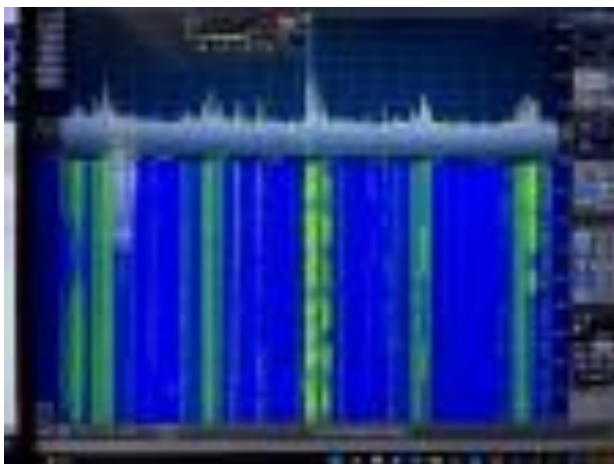
Of relevance to amateur radio operators, is the fact that residential solar is on the rise. According to the Solar Energy Industries Association (SEIA), in 2021, residential solar installations exceeded 4 GWdc and more than 500,000 systems (see the SEIA [Solar Market Insight Report](#)).

This rise in residential solar has also brought to light an increase in RFI cases reported to the ARRL due to the various design technologies used to convert and condition the electricity produced by the panels. It should be noted that the PV cells themselves do not create RFI — they are basically large diodes — it is the power conversion process which changes the solar energy from dc to ac, and the associated components and wiring of the systems that has the potential to create RFI.

Typical RFI from Solar



SolarEdge



Generac

Typical Causes/Symptoms of Solar PV System RFI

RFI has been experienced by hams who have installed systems on their own homes, and by hams whose neighbors have installed systems in their homes. ARRL Lab staff have noted there are at least three basic mechanisms by which residential PV arrays can generate RFI. Some or all may be present in a given array, depending on the manufacturer's system architecture. More information can be found on typical system architecture on the [EnergySage](#) website, but the architecture generally includes some combination of PV panels, string inverters, power optimizers, and microinverters. RFI mechanisms can include the following:

- RFI from inverters. These devices are responsible for switching the high voltage dc from the array to 60 Hz phase-synchronous ac, meaning ac power in-phase with the utility ac waveform. One or more inverters may be incorporated in a given array, depending on its size. Typically, RFI from these devices is radiated by the dc wiring to the PV panels with an 18 kHz to 60 kHz fundamental switching frequency. Harmonics can extend well into the HF bands and lower VHF bands.
 - RFI from power optimizers. Power optimizers might be installed at every PV panel, or there may be a single power optimizer for several PV panels, depending on the component manufacturer and system size. Under full sunlight, power optimizers can have fundamental operating frequencies ranging from 39 kHz to 200 kHz. As with inverters, there may be harmonics extending through HF and into the lower VHF bands. It should also be noted that when power optimizers are in the "off" or non-power generating mode, the PV array is disconnected from the ac wiring but may still generate RFI as there is still some part of the device powered by the sunlight. RFI may be reduced significantly but it can still be noticeable.
- Data collection and system control devices. These devices may be stand-alone or integral to other components in the PV system. They also have the least potential to cause widespread RFI, and typically only the operator of the PV array might be subjected to RFI from these components. Typical communications channels observed thus far include 60 kHz to 74 kHz and 1.8 MHz.

ARRL's Experience with Solar

So what should you do if you have RFI from a PV system? In ARRL's experience, it's generally good to start with your installer (if it's your system), or by letting your neighbor know that you have an RFI issue, provided you are comfortable approaching them. It's all about trying to open a dialogue with them, and getting the RFI resolved. Once vendors are aware of an issue, they usually start by isolating and testing to ensure the RFI issue an amateur might be experiencing is actually being caused by the vendor's system. This can be as simple as shutting down the solar installation briefly to ensure the RFI goes away at the amateur's station. Once the vendor performs the diagnostic tests and identifies the RFI as coming from their system, solutions employed by vendors might include component changes or enhancements, addition of ferrite chokes, or modifying wiring to include twisted-pair wiring harnesses.

Vendors of these systems, from local installers to component manufacturers such as SolarEdge, Enphase and Generac, have all been cooperative in working with hams and the ARRL to work through RFI issues related to solar installations. If there is any sign that the installer or your neighbor (as the operator of the system) does not understand the issue, feel free to [contact our RFI Engineer](#) -- ARRL has developed effective working relationships with solar vendors, so we can usually help.

GUEST CONTRIBUTION

WANTED !

Contributing Editor submissions always welcomed!

ARRL ITEMS of INTEREST



Volunteer Monitor Program Report

The Volunteer Monitor (VM) Program is a joint initiative between ARRL and the FCC to enhance compliance in the Amateur Radio Service. This is the June 2024 activity report of the VM Program.

◆ Two licensees in Florida received notices to stay off repeaters in Boca Raton, and the case was referred to the FCC for further enforcement action as appropriate.

◆ Uncoordinated repeater licensees in Virginia and New Jersey received advisory notices concerning interference to coordinated repeaters in their areas. The owners are taking steps toward resolution.

◆ A licensee in New York received an advisory notice about SSB operation below the permitted frequency of 14.150 MHz.

◆ A licensee in New Jersey received an advisory notice concerning interference to an HF net and his refusal to comply with the net control directive to cease using the net. He was also warned that his license renewal date was imminent and that administrative review of his license application, if filed, would be recommended to the FCC.

The totals for hours of monitoring by Volunteer Monitors during April and May 2024 will be reported in the July VM report upon full restoration of our website. —
Thanks to Volunteer Monitor Program Administrator Riley Hollingsworth, K4ZDH



ARRL Utah Section Expanding Emergency Communication Capabilities



A new and faster way to communicate during emergencies is being planned by the Utah Section of the ARRL ARES® group, which serves Salt Lake County, the most populous area in Utah.

ARRL Utah Section Public Information Coordinator Scott Rosenbush, K7HSR, said that discussion and planning for mesh networks using [AREDN](#) (Amateur Radio Emergency Data Network) technology is on the drawing board.

A recent meeting and presentation by Brett Pruitt, K7BDP, Utah Section Emergency Coordinator, was attended by a large group of ARES amateur radio operators. More than a dozen Salt Lake County hams have already invested in AREDN technology with an interest in helping to create and support an emergency mesh network in the county. Southern Utah ARES groups have already created a five-county mesh network that can be used for emergency communications.

“We hope to ultimately connect to [STARLINK](#) and run the mesh network over that,” said Pruitt. “On November 2, we will have an exercise with hospitals in the northern and southern Utah ARES groups using the regular internet. After that, if STARLINK is more readily available, we will run the drill again without the internet to fully test the new technology.” Pruitt said the goal is to have everything working by early 2025.

“The needs of participating agencies have evolved to require more than analog voice and low-speed data modes,” said Rosenbush. High-speed mesh networks using AREDN software will allow amateur radio to play a larger role in supporting these agencies in emergencies.”

The Utah Section is working to extend this technology, said Rosenbush. “Our hope is to bring this technology to other parts of the state to increase the communications capability and value of amateur radio to partner agencies.”



QST de W1AW

ARRL Bulletin 17 ARLB017

From ARRL Headquarters

Newington CT September 12, 2024

To all radio amateurs

ARLB017 ARRL Defends 902-928 Amateur Radio Band

The ARRL has filed comments with the Federal Communications Commission urging that the 902-928 MHz amateur radio band be protected. ARRL joins hundreds of licensed radio amateurs who utilize the band in opposing a proposal from NextNav Inc., a licensee in the 900-MHz Location and Monitoring Service (LMS), to completely reconfigure the 902-928 MHz band and replace the LMS with high-powered 5G cellular and related location services.

Those comments can be found in PDF format at: <https://www.arrl.org/files/file/News/ARRL%20Letter/2024/09-12/ARRL902928Comments.pdf>.

NextNav's proposal can be found on the ARRL website at: <https://www.arrl.org/news/arrl-urges-protecting-the-amateur-radio-902-928-mhz-band>.

ARRL's comments, filed by our Washington, D.C. Counsel on behalf of ARRL members and radio amateurs, point out several problems with NextNav's request:

"Contrary to NextNav's assertions, the band is extremely crowded with millions of devices and transmitters in operation in multiple services, including the Amateur Service. Adoption of the proposal would result in either massive interference that would prevent proper operation or displacement to other bands. The difficulty is that there are no other bands known to be available, and in fact, some of the Amateur operations in this band are here because they were displaced when a portion of the 420-450 MHz band North of 'Line A' was closed to the Amateur Service some years ago. Others were displaced from the same band when new Federal Government defense radars were initiated and continued Amateur secondary operations would have interfered with their operation."

Pushing amateur radio out of heavily used spectrum is a risk to public service, ARRL argues in the comments:

"When space can be found in this band, Amateurs employ it to establish wide-area voice and some television signal repeaters. Others are actively experimenting with digital mesh networks and associated control links. These networks are a testbed for digital design and experimentation, but also are available and used for back-up emergency communications purposes. Still others operate low power beacons for propagation research. Weak signal work - tuning and experimenting to communicate over the longest paths with the least power - also is popular and leads to improvements in equipment."

Mesh networks are becoming increasingly useful in emergency communications. Just this past week, the ARRL Utah Section announced that dozens of Amateur Radio Emergency Service volunteers are working to expand the mesh network around the state. "The needs of participating agencies have evolved to require more than analog voice and low-speed data modes," said ARRL Utah Section Public Information Coordinator Scott Rosenbush, K7HSR. "High-speed mesh networks using AREDN, the Amateur Radio Emergency Data Network, software will allow amateur radio to play a larger role in supporting these agencies in emergencies." The ARRL Utah Section already has a five-county mesh network in place. The proposal from NextNav make it more difficult to operate networks like this one.

"Under NextNav's proposal, the much higher-powered transmitters would be ubiquitous and operating 24/7. The resulting interference would effectively exclude many of the current Amateur operations that are operating in the 902-928 MHz band."

The FCC docket remains open for reply comments from the public until September 20, 2024. As of September 6, over 800 comments have been filed by Amateurs and others who use this spectrum.

O'Bay Swap Items

O'bay Swap

SWAP ITEM # 258

FOR SALE: BuddiPole Deluxe System

Like new with many accessory items including ip30z antenna analyzer.

All accessory items contained in custom hard-shell case.

Take the system anywhere, secure in just 2 cases.

ASKING PRICE: \$700

CONTACT: Brent K7NAY bhn1010@gmail.com

See listing on the OARC website: O-Bay Swap page.

<http://OgdenARC.org/swap.html>

O'bay Swap

SWAP ITEM # 257

FOR SALE: Hustler 6-BTV Vertical antenna, 10-80m, 24ft, 1kW

ASKING PRICES: **SOLD**

See listing on the OARC website: O-Bay Swap page.

<http://OgdenARC.org/swap.html>

O'bay Swap



SWAP ITEM # 256

CLEARANCE SALE: AF7J

See Clearance Items **NOTE: These items are temporarily unavailable.**

ASKING PRICES: see ad

CONTACT: Tom Harrington AF7J, tom_af7j@yahoo.com, 801-675-1762

See listing on the OARC website: O-Bay Swap page.

<http://OgdenARC.org/swap.html>

AF7J Clearance Sale

Description	Price	Notes
Heathkit SB-221	\$650	SOLD
Icom 706 Mkiig	\$525	SOLD
Yaesu FT897	\$450	HF/VHF/UHF Transceiver
Yaesu FT840	\$425	HF Transceiver
Starlink Internet Equ	\$350	
Swan 1200x	\$250	Linear Amplifier
Comet GP9	\$200	VHF/UHF Vertical Antenna
MFJ-993B	\$200	Auto Antenna Tuner
LDG TW1	\$150	Talking Watt Meter
MFJ 989B	\$100	Versa Tuner V
Heathkit SA2040	\$100	SOLD
LDG AT-11MP	\$85	Auto Antenna Tuner
RV Satalite TV Antenna	\$50	
Linear Power Supply	\$20	

Contact information:

tom_af7j@yahoo.com

801-675-1762

O'bay Swap

SWAP ITEM # 253

FOR SALE: 9 Items for sale

See [Photo display .pdf](#)

ASKING PRICES: see ad

CONTACT: Mike K7DOU, k7dou@comcast.net (801) 550-5101

See listing on the OARC website: O-Bay Swap page.

<http://OgdenARC.org/swap.html>

FOR SALE

Mike, K7DOU k7dou@comcast.net (801) 550-5101

1. VHF portable radio kit. 50-watt Icom IC-2000H radio, external speaker, microphone, new 12V 10 Ah SLA battery, DC cables for Anderson connectors and cigarette lighter plug. Icom user manual on CD. \$235

2. Micronta (Radio Shack) HF SWR bridge and field strength meter, 3-30 MHz, 1-1000 watts, missing field strength telescoping whip antenna. \$10

Following items are all new:

3. Workman model 104 VHF/UHF SWR & power meter. 120-500 MHz. Up to 150 watts. \$25 (\$48 on Amazon.com)

4. Arrow Antennas 2-Meter 4-element portable yagi antenna. \$75, model 146-4. (\$141 on Amazon.com)

5. 5/8-Wave mobile NMO-mount gain antenna for 2-meters, with new Larsen Mag Mount \$60

6. Portable tripod antenna stand for yagi antenna. 13-ft. Tripod base, 24" ABS riser and antenna mount bracket, weight bag and carrying case. \$125

7. Dual-band tripod portable antenna kit. 144/440 MHz antenna & radials, 13-ft. tripod mount and carrying case. \$145

8. VHF half-wave (no ground plane needed) tripod portable antenna kit. Half-wave NMO antenna, 13-ft. tripod base and carrying case. Comes with 17-ft RG-58/U coax and PL-259 connector. \$135

9. Dual-band portable advance base station antenna kit. Tram fiberglass antenna, heavy-duty tripod mast kit, carrying case and weight bag. \$249

O'bay Swap

SWAP ITEMS WANTED !

<http://OgdenARC.org/swap.html>

CLUB REFERENCE MATERIAL

OARC Repeater Sites

Promontory Point
Elevation: ?
-146.920 (123 Hz)
-448.775 (123 Hz)

Powder Mountain
Elevation: ?
-145.470 (123 Hz)
-447.775 (123 Hz)

Marriott Slaterville
Elevation: 4500 ft
-146.820 (123 Hz)
-448.575 (100 Hz)

Mount Ogden
Elevation: 9572 ft
-146.900 (DCS 125)
-448.600 (123 Hz)



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.

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. Remember ... FREE Steak at Steak Fry for ALL members.

Ham + Spouse = \$15 + \$10 = \$25

THANK YOU FOR YOUR SUPPORT

Join OARC

Join or Renew your membership now!

Joining & Renewal is easy. On the club website home page click Join/Renew tab and fill out the membership form. You can pay using your PayPal or mail a Check or Money Order to the club PO Box listed. Or print a hardcopy of the membership form, fill it out and mail it to the PO Box along with your payment. Better yet, Come to a club meeting and bring the completed membership form with you.

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.

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.

OARC ARRL MEMBERSHIP DRIVE

WHY JOIN ARRL ?

Join ARRL through OARC and receive a free one-year membership upgrade in OARC

Please consider that you may want to becoming a member of ARRL if you are not currently or have not been for at least two years ...

The Amateur Radio Relay League [ARRL](#) is the national membership association for Amateur Radio operators. ARRL membership includes digital access to “QST” magazine and “On The Air” magazine. Optionally you can sign up for hardcopy subscriptions to the magazines.

OARC is an affiliated ARRL club and has been since 1937. However, to maintain OARC’s affiliation, OARC must maintain that over 50% of our members are also members of ARRL.

Fill out the “joining ARRL through OARC” form, and bring/send it to OARC.

(Check OARC website for actual form)

Club Badges

OARC Club badges are available for all licensed club members.

The cost is **\$25.00** 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 **\$25.00** prepaid in advance for each badge ordered and specify Call Sign and First Name.

Visit the club website home page Join/Renew tab and select the Badge Order form to order your badge. You can use PayPal or mail your check to the club PO Box.

OARC Facebook Page



Did you know that OARC has a Facebook page ?

Just click on the icon on the bottom of the club website home page to visit OARC's ongoing monthly activities and events. Check it out!

OARC You Tube Channel



Did you know that OARC has a You Tube Channel ?

A lot of our meeting presentations are recorded and posted to our OARC You Tube channel for you to view at a later date.

It's easy to view missed



meetings...

Just click on the icon on the bottom of the club website home page to view recorded meetings preserved for your viewing pleasure. Check it out!

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 monthly notices earlier in this newsletter.

Talk-in: - 448.600 (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

**Utah Military Academy
5120 S 1050 W
Riverdale UT 84405**

Contact: VE Liaison:

Rick Morrison W7RIK (Liaison)

morrisonri@msn.com (801-791-9364)

open (Co-Liaison)

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.

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 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/	2nd Thursday 7:30 pm	UofU Warnock Engr Bldg Room 2230 Salt Lake City Utah
UVarc	https://uvarc.club	1 st Thursday 6:30 pm	Orem City Council Chamber Room 56 North State St. Orem 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

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 repeat-er 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

OARC is 100 years old

OARC was established in May 1921 and became ARRL affiliated in 1937.

OARC REPEATERS			
(*) Yaesu Fusion digital/FM compatible			
FREQ	CLUB	TONE	LOCATION
146.900-	OARC (*)	125 DCS	Mt Ogden (w/WiresX)
448.600-	OARC (*) "talk-in"	123.0	Mt Ogden
146.820-	OARC (*)	123.0	Marriott UT
448.575-	OARC	100.0	Marriott UT (no autopatch)

FREQ/Offset	TONE	LOCATION	OWNER
145.250 -	PL 123.0	Weber State Univ	WSC
145.290 -	PL 123.0	Brigham City	GSARC
145.330 -	PL 100.0	BYU (Provo)	BYUarc
145.430 -	PL 123.0	Brigham City	GSARC
145.470 -	PL 123.0	Powder Mountain	WCSO
145.490 -	PL 100.0	Promontory Point	K7JL
146.620 -	PL none	Farnsworth Peak	UARC
146.640 -	PL none	Logan	BARC
146.720 -	PL 103.5	Mount Logan	BARC
146.760 -	PL none	Lake Mountain	UARC
146.780 -	PL 100.0	Lake Mountain	UVARC
146.920 -	PL 123.0	Promontory Point	WCSO
147.040 +	PL 123.0	Antelope Island	DCARC
147.100 +	PL 123.0	Morgan County	KB7ZCL
147.120 +	PL 100.0	Farnsworth Peak	UARC
147.220 +	PL 123.0	Brigham City	GSARC
147.260 +	PL 103.5	Promontory Point	BARC
147.360 +	PL 100.0	Lewis Peak	Summit Co ARC
447.200 -	PL 127.3	Antelope Island	DCARC
447.225 -	PL 100.0	Malad Idaho	Malad Repeater
447.775 -	PL 123.0	Powder Mountain	WCSO
448.300 -	PL 123.0	Brigham City	GSARC
448.775 -	PL 123.0	Promontory Point	WCSO
448.825 -	PL 123.0	Clearfield City	IRLP Node 4654
449.100 -	PL 146.2	Farnsworth Peak	UARC
449.250-	PL 123.0	Weber State Univ	WSC
449.425 -	PL 100.0	Nelson Peak	IRLP - Western Refl
449.500 -	PL 100.0	Farnsworth Peak	UARC
449.625 -	PL 103.5	Mount Logan	BARC
449.925 -	PL 100.0	North Salt Lake	DCARC
449.950 -	PL 123.0	Clearfield City	IRLP Node 3876
ATV - wb7fid	TV Ch 58	Farnsworth Peak	UARC - Utah ATV

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 @ 7:15 PM	Weber/Davis ERC	146.820 - 123.0 (ERC training net)
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
Monday @ 7:00 PM	OARC YL net	448.600 -123.0
Tuesday @ 6:30 PM	OARC—Ham & Eggs Net	448.600 -123.0
Tuesday @ 8:00 PM	Weber ARES	448.600 - 123.0
Tuesday @ 8:00 PM	DCARC TECH Net	147.040 + 123.0
Tuesday @ 8:00 PM	VHF Society Swap	147.120 + 100.0
Tuesday @ 9:00 PM	Bridgerland ARC	147.260 + 103.5
Wednesday @ 7:00 PM	Am-Con Northern Utah	448.600 -123.0
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	OARC - 10 Meter Net	28.375 MHz USB (all hams invited)
Thursday @ 7:30 PM	Davis Co ARES	147.420 = simplex & 449.925 -100.0
Thursday @ 8:00 PM	Weber State ARC	146.820 - 123.0 (coming soon)
Thursday @ 8:00PM (3rd Thurs)	State RACES VHF/IRLP	145.490 - 123.0, 146.680 - 123.0
Thursday @ 9:00PM	Wasatch Back Net	147.360 + 100.0
Saturday @ 8:00AM mt (3rd Sat)	RACES State HF	3.920 Mhz HF LSB
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz HF LSB

73 de W7SU

www.OgdenARC.org

w7su@arrl.net

PO Box 3353 Ogden UT 84409