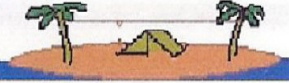


# WATTS NEWS



## The Best of Amateur Radio

### OARC e-Magazine

[www.OgdenArc.org](http://www.OgdenArc.org)

**SEPTEMBER 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](http://www.OgdenArc.org)

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### 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

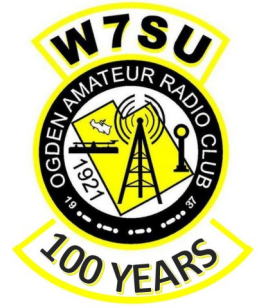
Zoom Manager - Justin Hall KB7LAK



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## OARC COMING EVENTS

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### Next Meeting/Activity

Tri County "SwapMeet"

**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 02 October 2024 @ 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](mailto:ad7gl@arrl.net)

Stan Sjol (W0KP), [stansjol@xmission.com](mailto:stansjol@xmission.com)

Kenny Pronschinske (KI7UFN), [kennypron@hotmail.com](mailto:kennypron@hotmail.com)

Bryce Draper (KI7YZU), [brycejill@outlook.com](mailto: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](mailto: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 September 2024

Hello ham family,

I enjoyed visiting with many of you at the Steak Fry. It is one of my favorite events of the year. Thank-you for allowing me to serve another year. Volunteer service is what we make it. I find that I'm often spending 1 or 2 hours a day planning and working out things for the club. Some days far more time.

I know that this is true of many others who selflessly serve in many ways. I appreciate the efforts that I witness here with those who help with events, nets, classes, exam sessions, taking calls, maintaining equipment and answering questions.

We welcome Don Burriss as our new Program Director this year. If you have any suggestions for club meeting presentations please contact Don.

We also welcome Zoe Bartholomew as our new Activities Director. We have several activities throughout the year and appreciate her organizational skills and experience.

I am truly impressed by the wealth and depth of experience and skills that are represented by the members of our club. I learn much from each of you.

This month we will be joining the Davis club and OARC for the Tri-Club Swap Meet in Bountiful September 21, 2024 starting about 9:00 am. It takes place at the Bountiful City Bowery near the Community Rec Center on 400 N and 350 W. It is a great chance to visit friends, make friends, find treasures, spend your treasures, sell old treasures, and make treasured memories.

If you find that you have purchased too many treasures this month, you can bring them to the October Club meeting at the Utah Military Academy. Third Saturday (October 19, 2024) at 9:00 am.

This will be our annual Club Auction where we donate old treasures to the club to auction off. This helps to fund our Steak Fry and other club operations. It also helps to keep our dues low.

Invite your friends to join us and become part of our radio family.

73 until next time,

Craig W0VRM

**NEXT CLUB MEETING/ACTIVITY**

## **CLUB NEWS**

### **Next Club Meeting/Activity**

#### **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](#)**

**>>> Check website for details**

**PREVIOUS CLUB MEETING/ACTIVITY**

# CLUB NEWS

## PREVIOUS CLUB MEETING

**Date:** 3rd Saturday, 17 August 2024

**Time:** **5:00 pm**

**Location:** 1045 S 1200 W, Ogden, UT 84404 [MAP](#)

**Activity:** **Steak Fry, Officers Elections & Membership Renewal**

**Steak Fry (Free steaks); Free hot dogs for the kids of all ages**

**Membership Renewal (\$15); Spouse Membership (\$10); Family of Hams Membership (\$25) Note: Complimentary Membership (Free for remainder of first year licensed)**

**Club Officers Election; (Nominations welcomed)**

**GRAND DOOR PRIZES: \$500**

**NOTE: [Must be present to win. Paid-up members only]**

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





## PREVIOUS MEETING PICTURES

Photos by ... **club photographers**



Alan Buttars N7AFR



Rick Hansen—N7EGA

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***"Previous Meeting/Activity/Event" ...***

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

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**ALSO**

**Check out the OARC Facebook page**

**"Ogden Amateur Radio Club"**

**CLUB & HOBBY NEWS**

# CLUB NEWS

Craig Howe W0VRM



## Steak Fry Door Prize Winners – 2024

\$50 - Jeff Jones W7JZI

\$50 – Rick Hansen N7EGA

\$50 – Bruce Silberstein KJ7ZES

\$50 – Gale Sjol WD0CWK

\$100 – Ken Jaynes KJ7QJJ

\$100 – David Hunter KK7TMB

\$100 – Telsie Wiberg

# CLUB NEWS

Craig Howe W0VRM



**WELCOME ...**

**OARC 2024-2025 officers** **NEW!**

President: W0VRM - Craig Howe

Vice President: KB7LAK - Justin Hall

Secretary: KJ7EAY - Colleen Pike

Treasurer: KG7CJN - J. Siddle

Program Director: KI7UAO - Don Burris

Activity Director: KK7LWB - Zoe Bartholomew

**Officers: Be sure to read the ...**

**[BRIEF - DETAIL Duties & Responsibilities](#)**

# CLUB NEWS

Craig Howe W0VRM



**WELCOME ... **New** this year  
OARC 2024-2025 officers **New!****

Program Director: KI7UAO - Don Burris



Activity Director: KK7LWB - Zoe Bartholomew



CONGRATULATIONS Don and Zoe

## CLUB NEWS

WELCOME ... **New** this year



**Club Photographer:** Alan Buttars N7AFR

Congratulations Alan.  
Thank you for volunteering.

PS: Check out the Steak Fry event photo album.  
I think Alan took a picture of 'EVERY ONE' present.

# CLUB NEWS

Val Campbell K7HCP



## A message from your Membership Clerk

OARC's total membership has grown steadily this past year to an all-time high:

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As of Steak Fry: August 2024

210 Members Total

158 Paid up

Includes:

30 associate (spouse) members

4 GMRS members

55% are also ARRL members

52 pending renewal

This will increase slowly now until just before OARC Christmas Family Dinner. Then we will see another jump increase.

**Amazing what a large Door Prize will accomplish.**

-----

# CLUB NEWS

By Val Campbell K7HCP



## A Message from your OARC Newsletter (WATTS NEWS) Editor

Twenty years ago this month, September 2004, I was asked by the newly elected club president, Gary Liptrot N7ZI, if I would consider taking on the challenge of becoming the OARC Newsletter Editor. Such as it is, I have been doing the Watts News monthly now for the past 240 issues. YES, 240 issues!

I choose to use a different format for our newsletter than most newsletters. It reads more like a comic strip rather than a magazine but that made it much easier for me to publish it monthly this way. I use Windows Microsoft Publisher to create the newsletter.

This month marks the conclusion of the 20th year. If you wish to review any of the past and/or present issues, click on the Watts Newsletter tab on the club website homepage that will take you directly to the newsletter archive.

<http://ogdenarc.org/newsarchive.html>

### **BY THE WAY...**

**It's about time, maybe long over due, for OARC to find a NEW 'Watts News', newsletter editor. Yes, I need a break.**

**Is there anyone out there that is up to the challenge? It can be very rewarding!**

Continued ... more, stay tuned.



FYI...

Shortly after September 2004, I also became the OARC webmaster and eventually moved the OARC website from GoDaddy.com, a cloud shared host windows operating system to a locally hosted Raspberry Pi Linux operating system, located right here next to me. It operates wirelessly with no wired connections except the for the power supply.



## OARC Web Site - [www.OgdenARC.org](http://www.OgdenARC.org)

Runs autonomously with no physical attachment to anything other than it's power source. Connectivity to the outside world is via WiFi.

**Hardware: Raspberry Pi 4b, 1.5 GHz Processor , 64 Bit Quad Core, 8 Gb RAM**

**w/ WiFi, Ethernet, Blue Tooth, USB x4, HDMI x2, Stereo**

**Software: OS—Linux (Raspbian—Buster)**

**Web/eMail Server—Nginx & Postfix, w/ HTTP, PHP & FTP**

**Web site: hosted at K7HCP.com**

**Website Content: (as of 2018)**

**1.09 GB - Programs & Data**

**95 - Folders, 3241 - Files**

**109 - Html (web pages), 2644 - JPG (pictures)**

**323 - PDF (documents), 165 - other files**

One more thing!

During the 2024 Steak Fry event I was awarded an Anniversary Clock in appreciation of the 20 years of service publishing the club newsletter. I am truly grateful for the recognition that it represents.

THANK YOU OARC!



## **CLUB NEWS**

### **Ham Shack Photos**

**STILL WANTED—STILL NEEDED**

**Send me your Ham Shack Photos soon!**

**Submit to: [k7hcp@arrl.net](mailto:k7hcp@arrl.net) or [w7su@arrl.net](mailto:w7su@arrl.net) or 801.389.0690**

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# CLUB NEWS

## Unique QSL Cards

STILL WANTED—STILL NEEDED

Send me your QSL Card Photos soon!

Submit to: [k7hcp@arrl.net](mailto:k7hcp@arrl.net) or [w7su@arrl.net](mailto:w7su@arrl.net) or 801.389.0690

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**CONTRIBUTING EDITOR SUBMISSIONS**

# GUEST CONTRIBUTION

By Kent Gardner WA7AHY



13 August 2024

SUBJECT: Paying Extra for Printed Copies of QST.

TO: ARRL

Please be advised that I did not like the decision to make us member/subscribers pay an extra fee for the printed QSTs. I have been a faithful member since the mid-1960s and have lived by the idea that "You'll Find it in a League Publication".

**You'll Find it  
in a  
LEAGUE PUBLICATION**

The whole picture of amateur radio from basic fundamentals through the most complex phases of this appealing hobby is covered in ARRL publications. Whether novice or old-time amateur, student or engineer, League publications will help you to keep abreast of the times in the ever-expanding field of electronics.

**THE RADIO AMATEUR'S HANDBOOK**  
Internationally recognized, universally consulted. The all-purpose volume of radio. Packed with information useful to the amateur and professional alike. Written in a clear, concise manner, contains hundreds of photos, diagrams, charts and tables. **\$3.50**

**THE ARRL ANTENNA BOOK**  
Theoretical explanation and complete instructions for building different types of antennas for amateur work. Simple doublets, multi-element arrays, mobile types, rotaries, long wires, rhombics and others. Transmission lines are exhaustively discussed. Profusely illustrated. **\$2.00**

**THE MOBILE MANUAL FOR RADIO AMATEURS**  
Scores of selected articles on mobile receivers, transmitters, antennas and power supplies. Between its two covers is all the practical information an amateur needs for carefree and dependable mobile operation. **\$2.50**

**HOW TO BECOME A RADIO AMATEUR**  
Tells what amateur radio is and how to get started in this fascinating hobby. Special emphasis is given the needs of the Novice licensee, with three complete amateur stations featured. **\$.50**

**THE RADIO AMATEUR'S LICENSE MANUAL**  
Study guide and reference book, points the way toward the coveted amateur license. Complete with typical questions and answers to all of the FCC amateur exams—Novice, Technician, General and Extra Class. Continually kept up to date. **\$.50**

**LEARNING THE RADIOTELEGRAPH CODE**  
For those who find it difficult to master the code, this publication supplies the key to the problem. Designed to help the beginner overcome the main stumbling block to a ham license. Contains practice material for home study and classroom use. **\$.50**

**A COURSE IN RADIO FUNDAMENTALS**  
A complete course to be used with the Handbook. Enables the student to progress by following the principle of "learning by doing." Applicable to individual home study or classroom use. **\$1.00**

**SINGLE SIDEBAND FOR THE RADIO AMATEUR**  
A digest of the best SSB articles from QST. The newcomer to Single Sideband as well as the experienced SSB user will find it indispensable. Includes discussions of theory and practical "how-to-build-it" descriptions of equipment. Covers reception and transmission. **\$1.50**

**The AMERICAN RADIO RELAY LEAGUE • WEST HARTFORD 7, CONN**

I will still, begrudgingly, pay the extra money just so I get printed copies. I use them for handouts to scouts who are interested in the Radio, Electronics and Signs, Signals and Codes merit badges when they attend events like Scout Fairs etc.

If there is anything that I dislike is, to have someone read any of my writings on a damnable small screen like cellphones. I do have a nice desktop computer with large screens, but my wife, in her medical condition, needs my presence more often than not, so my time away from her to use my big screens are problematic.

I would suggest that you change present policy and make the printed copies available for those that want them, the same price as the digital copies.

TNX

Kent Gardner, WA7AHY

-----  
Hello Kent,

Thanks so much for reaching out and sharing your thoughts on the changes that have transpired regarding QST.

It was a decision made by the Board. I know it was a difficult one to make. It's an all-too-common story nowadays but the cost to produce and ship the magazine has gone up dramatically in the past few years and the "add-on" cost only helps us offset the cost of the magazine to a degree.

Your generous support over the years has gone to so many important aspects of continuing along the things that make ham radio great like training 100s of thousands of new hams and educating more experienced ones. Not to mention that major expenses like the ones the League has undertaken to protect our frequency spectrum in Washington D.C. the past few years.

Thank you for sharing your concerns, as this is exactly what you should be doing since this is your League, the member's league.

Sincerely & 73.

Marc A. Spardello, W1NJ  
Member Services Manager  
**ARRL The National Association for Amateur Radio®**  
225 Main Street  
Newington, CT 06111  
860-594-0200 x257  
[mspardello@arrl.org](mailto:mspardello@arrl.org)

(Wednesday 14 August 2024)

# GUEST CONTRIBUTION

By Kent Gardner WA7AHY



## Ham Radio License Plate Look-A-Like

Saw this one in Sam's Club parking lot last week. It had been a while since I saw any tag that even resembled an amateur plate so I took notice of this one.

If your brain accommodates the I as a one and the zero becomes an Oh then it could fit as an amateur plate.

TNX

Kent Gardner, WA7AHY

August 2024





# GUEST CONTRIBUTION

By Kent Gardner WA7AHY



## ANOTHER LOOK-A-LIKE HAM RADIO LICENSE PLATE

This one found in the parking lot near the Home Depot in Layton. It is a Florida plate. I think it fits the FCC's parameters for call signs.



TNX

Kent Gardner, WA7AHY

*PS: Editor: I looked this call sign up on QRZ and found it to an issued callsign, however to a NJ ham. Thanks Kent. 73!*

**GUEST CONTRIBUTION**

**WANTED !**

**Contributing Editor submissions always welcomed!**

**ARRL ITEMS of INTEREST**

## CLUB NEWS



### **ARRL IT Security Incident - Report to Members—August 21, 2024**

Sometime in early May 2024, ARRL's systems network was compromised by threat actors (TAs) using information they had purchased on the dark web. The TAs accessed headquarters on-site systems and most cloud-based systems. They used a wide variety of payloads affecting everything from desktops and laptops to Windows-based and Linux-based servers. Despite the wide variety of target configurations, the TAs seemed to have a payload that would host and execute encryption or deletion of network-based IT assets, as well as launch demands for a ransom payment, for every system.

This serious incident was an act of organized crime. The highly coordinated and executed attack took place during the early morning hours of May 15. That morning, as staff arrived, it was immediately apparent that ARRL had become the victim of an extensive and sophisticated ransomware attack. The FBI categorized the attack as "unique" as they had not seen this level of sophistication among the many other attacks, they have experience with. Within 3 hours a crisis management team had been constructed of ARRL management, an outside vendor with extensive resources and experience in the ransomware recovery space, attorneys experienced with managing the legal aspects of the attack including interfacing with the authorities, and our insurance carrier. The authorities were contacted immediately as was the ARRL President.

The ransom demands by the TAs, in exchange for access to their decryption tools, were exorbitant. It was clear they didn't know, and didn't care, that they had attacked a small 501(c)(3) organization with limited resources. Their ransom demands were dramatically weakened by the fact that they did not have access to any compromising data. It was also clear that they believed ARRL had extensive insurance coverage that would cover a multi-million-dollar ransom payment. After days of tense negotiation and brinkmanship, ARRL agreed to pay a \$1 million ransom. That payment, along with the cost of restoration, has been largely covered by our insurance policy.

From the start of the incident, the ARRL board met weekly using a continuing special board meeting for full progress reports and to offer assistance. In the first few meetings there were significant details to cover, and the board was thoughtfully engaged, asked important questions, and was fully supportive of the team at HQ to keep the restoration efforts moving. Member updates were posted to a single page on the website and were posted across the internet in many forums and groups. ARRL worked closely with professionals deeply experienced in ransomware matters on every post. It is important to understand that the TAs had ARRL under a magnifying glass while we were negotiating.

Based on the expert advice we were being given, we could not publicly communicate anything informative, useful, or potentially antagonistic to the TAs during this time frame.

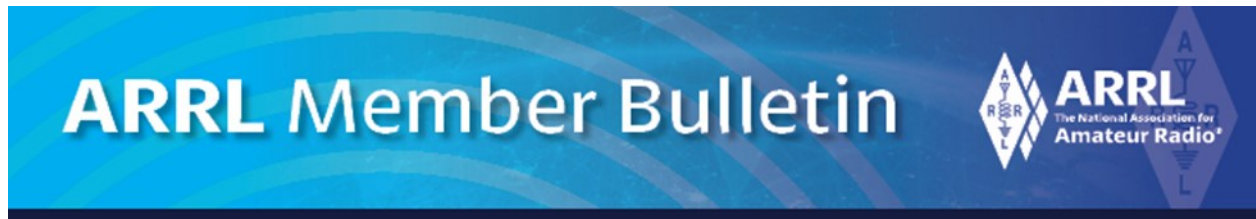
Today, most systems have been restored or are waiting for interfaces to come back online to interconnect them. While we have been in restoration mode, we have also been working to simplify the infrastructure to the extent possible. We anticipate that it may take another month or two to complete restoration under the new infrastructure guidelines and new standards.

Most ARRL member benefits remained operational during the attack. One that wasn't was Logbook of The World (LoTW), which is one of our most popular member benefits. LoTW data was not impacted by the attack and once the environment was ready to again permit public access to ARRL network-based servers, we returned LoTW into service. The fact that LoTW took less than 4 days to get through a backlog that at times exceeded over 60,000 logs was outstanding.

The board at the ARRL Second Board Meeting in July voted to approve a new committee, the Information Technology Advisory Committee. This will be comprised of ARRL staff, board members with demonstrated experience in IT, and additional members from the IT industry who are currently employed as subject matter experts in a few areas. They will help analyze and advise on future steps to take with ARRL IT within the financial means available to the organization.

We thank you for your patience as we navigated our way through this. The emails of moral support and offers of IT expertise were well received by the team. Although we are not entirely out of the woods yet and are still working to restore minor servers that serve internal needs (such as various email services like bulk mail and some internal reflectors), we are happy with the progress that has been made and for the incredible dedication of staff and consultants who continue to work together to bring this incident to a successful conclusion.

## CLUB NEWS



SB QST @ ARL \$ARLB015

ARLB015 ARRL Urges Protecting the Amateur Radio 902-928 MHz Band

ZCZC AG15

QST de W1AW

ARRL Bulletin 15 ARLB015

From ARRL Headquarters

Newington CT August 15, 2024

To all radio amateurs

SB QST ARL ARLB015

### **ARRL Urges Protecting the Amateur Radio 902-928 MHz Band**

The Federal Communications Commission (FCC) accepted for public comment a Petition for Rule-making filed by 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.

The FCC Notice requested comment on the effects that NextNav's proposals would have on amateur radio operations in the band. ARRL is preparing comments urging protection of existing and future amateur uses in this band and urges all amateurs to file their own comments describing their activities in this band and the expected effect of the proposed changes. [Click here for a guide to filing comments.](#)

NextNav currently holds licenses in the 900-MHz band that authorize it to provide services limited to determining the location and status of mobile radio units. NextNav ties its request to provide high-power broadband, cellular and location services to the vulnerabilities of the current satellite-based GPS system and argues that implementation of its proposal would complement GPS by providing an alternative nationwide terrestrial location system in addition to cellular and broadband services. Under its proposal, NextNav would be designated the sole nationwide licensee for this spectrum in exchange for its more limited licenses.

The new nationwide license would authorize NextNav to provide much higher-powered traditional broadband and 5G cellular services as well as the related location service occupying 15 of the total 26 megahertz available in the band. The reconfiguration proposed by NextNav would create a 5-megahertz-wide uplink subband at 902-907 MHz paired with a 10-megahertz downlink subband at 918-928 MHz. The 5-megahertz uplink subband would be limited to use by mobiles with a maximum of 3 watts ERP. On the 10-megahertz downlink subband, up to 2000 watts ERP would be permitted in rural areas and 1000 watts ERP in urban and suburban areas, radiating from tower structures that could reach 1000 or more feet above average terrain. These configurations reflect the FCC's rules for standard cellular configurations that have been adopted to govern a number of other bands used for similar 5G and like services.

Although uses by the Amateur Radio Service in this band are secondary to LMS, NextNav is proposing substantial technical and use changes that would completely alter the foundation upon which the current rules and spectrum sharing arrangements rely and undercut shared use of the band by amateurs as well as a variety of other users. In addition, NextNav proposes deletion of a specific interference provision in the Commission's rules that was adopted to encourage and protect continued sharing with amateurs and other secondary users.

NextNav, in its petition, argues without evidence that the changes that it proposes to the 902-928 MHz band "will not impede amateur operations." In an 8-page description of NextNav's proposal released by the FCC's Wireless Telecommunications Bureau, the FCC staff asks a series of questions that would clarify the proposal and help the Commission ascertain the likely effect of the proposed changes on existing users if the requested changes were adopted. Comment was specifically requested on the extent of amateur operations in the band, the potential impact of the proposed changes, any other spectrum options that may exist, and the costs for relocations if other options exist.

ARRL is preparing comments urging protection of existing and future amateur uses in this band. ARRL urges all amateurs to study the proposal and file their own comments describing their activities in this band and the expected effect of the proposed changes. The filing deadline is September 5, 2024. Replies to comments are due by September 20, 2024. Information on how to file comments can be found here: [www.arrl.org/arrl-guide-to-filing-comments-with-fcc](http://www.arrl.org/arrl-guide-to-filing-comments-with-fcc).

NNNN

/EX



## Estate Planning for Hams (What happens to all your stuff?)

August is National Make-a-Will month. Some estimates show that nearly two-thirds of Americans don't have a plan. For some, it's procrastination. Others don't know where to start. "So many times we hear from the family of a Silent Key who are overwhelmed with what to do with a lifetime worth of amateur radio gear," said ARRL Director of Development Kevin Beal, K8EAL. "Simply thinking through what needs to be done ahead of time can prevent the stress on our loved ones after we are gone."

ARRL this week [held a webinar](#), hosted by Beal and Dino Papas, KLØS, to discuss the first steps of planning. "It is something that, unfortunately, doesn't get a lot of attention. The bottom-line up front is, 'what happens to all our beloved ham gear when that inevitable day comes along that we become a Silent Key?'... Unfortunately, that day may arrive unexpectedly – so we need to prepare ahead of time to make it as simple as possible for our families," said Papas.

On the ARRLHQ YouTube channel, you can see a [replay of the 52-minute presentation](#), along with the question-and-answer section at the end.

"Your station is an asset, just like anything else you've built and put resources into. Deciding now what happens when you become a Silent Key can help solidify your legacy to ham radio," said Beal. [The ARRL Legacy Circle](#) recognizes the generosity of individuals who have planned support for ARRL through wills, trusts, life insurance gifts, and other ways. The ARRL Legacy Circle ensures that ARRL and amateur radio will continue to thrive for generations to come.

**Make a Plan**

- Everyone's situation is different
- Have a plan to dispose of your hobby stuff
- Maximize return or be generous?
- Choose a friend
- Have a meeting
- Document your plan!
- Club member assistance
- Club formal/semi-formal committee

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## 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 May 2024 activity report of the VM Program.

- ◆ Two operators in Virginia and Florida received advisory notices concerning wideband operation of 6 to 7 kHz wide on 40 meters, contrary to FCC rules. Section 97.307(a) provides that “no amateur shall occupy more bandwidth than necessary for the information rate and emission type being transmitted, in accordance with good amateur practice.”
- ◆ A GMRS operator received an advisory notice for operating on an amateur repeater in Tennessee after being requested by the repeater owner to stay off the repeater. Any further operation will be referred to the FCC.
- ◆ An operator in South Carolina received a commendation for activities on the Grand Strand Amateur Radio Club repeater operating on 147.100 and 441.775 MHz. The operator participated as net control for the first time, on short notice, and managed all check-ins in a timely and efficient manner.
- ◆ An operator in Louisiana received an advisory notice for operation with an expired license.
- ◆ Technician-class operators in Indiana, Idaho, and Mississippi received advisory notices for operating FT8 on 40 meters. Technicians may operate only CW on 40 meters.
- ◆ An operator in Maine received an advisory notice for failure to identify during an hour-long transmission on 75 meters. Section 97.119(a) requires amateur stations to transmit the assigned call sign at the end of each communication and at least every 10 minutes during a communication.
- ◆ A glider pilot club in Clermont, Florida, received an advisory notice for operation on amateur frequencies without a license. Any further operation will be referred to the FCC.
- ◆ The FCC issued a Notice of Unlicensed Operation to a sky-diving organization in Lake Elsinore, California. The organization must cease operation and respond to the FCC within 30 days.
- ◆ In May, there was one meeting with the FCC. A VM program presentation was given at Dayton Hamvention on May 18.

The totals for hours of monitoring by Volunteer Monitors during April 2024 will be reported in the June VM report. — *Thanks to Volunteer Monitor Program Administrator Riley Hollingsworth, K4ZDH*

**O'Bay Swap Items**

## 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](mailto: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	<b>SOLD</b>
Icom 706 Mkiig	\$525	<b>SOLD</b>
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	<b>SOLD</b>
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](mailto: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:

**3<sup>rd</sup> Saturday of each Month**

The Ogden Amateur Radio Club meetings are usually held on the **3<sup>rd</sup> 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](http://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](mailto: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	<a href="http://ogdenarc.org">ogdenarc.org</a>	3 <sup>rd</sup> Saturday 09:00 am	Check OARC web site ...
WC Sheriff Comm-O		1 <sup>st</sup> Saturday 10:00 am	Weber Co. Sheriff Complex West 12 <sup>th</sup> Street Ogden Utah
Barc	<a href="http://barconline.org">barconline.org</a>	2 <sup>nd</sup> Saturday 10:00 am	Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut
CSErg	<a href="http://dcarc.net/ares.htm/">dcarc.net /ares.htm/</a>	Last Wednesday 8:30pm	Clearfield City Hall Clearfield Utah
DCarc	<a href="http://dcarc.net">dcarc.net</a>	2 <sup>nd</sup> Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	<a href="http://home.comcast.net/~noutares/">home.comcast.net/ ~noutares/</a>	3 <sup>rd</sup> Wednesday 7:00 pm	Cache Co. Sheriff Office Logan Utah
Uarc	<a href="http://xmission.com/~uarc/">xmission.com /~uarc/</a>	2nd Thursday 7:30 pm	UofU Warnock Engr Bldg Room 2230 Salt Lake City Utah
UVarc	<a href="https://uvarc.club">https://uvarc.club</a>	1 <sup>st</sup> Thursday 6:30 pm	Orem City Council Chamber Room 56 North State St. Orem Utah
GSarc	<a href="http://Ubetarc.org">Ubetarc.org</a>	Check Website	Check Website
Utah DX Association	<a href="http://udxa.org">udxa.org</a>	3 <sup>rd</sup> Wednesday check web page for details	check web page for details Salt Lake City area
UvhfS	<a href="http://ussc.com/~uvhfs/">ussc.com /~uvhfs/</a>	Each Tuesday 8:00 pm (refer to web site)	Weekly 2 meter net (no eye ball meetings)
WDArc	<a href="http://westdesertarc.org/">westdesertarc.org/</a>	1 <sup>st</sup> Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	<a href="https://groups.google.com/forum/#!forum/wsuarc">https://groups.google.com/forum/#!forum/wsuarc</a>	3 <sup>rd</sup> Thursday 5:30 pm	WSU Blding #4 Room ? Ogden Utah

# Club Web Site

Be sure to visit our club web site.

[www.OgdenARC.org](http://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.

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

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 <b>HF LSB</b>
Daily @ 07:30 PM mt	Utah Code net HF	3.570 Mhz <b>HF CW</b>
Daily @ 02:00 UTC	Utah Farm net HF	3.937 Mhz <b>HF LSB</b>
Sunday @ 8:45 AM	Ogden Old Timers HF net	7.193 Mhz <b>HF LSB</b>
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 <b>2-meter USB</b>
<b>Monday @ 7:00 PM</b>	<b>OARC YL net</b>	<b>448.600 -123.0</b>
<b>Tuesday @ 6:30 PM</b>	<b>OARC—Ham &amp; Eggs Net</b>	<b>448.600 -123.0</b>
<b>Tuesday @ 8:00 PM</b>	<b>Weber ARES</b>	<b>448.600 - 123.0</b>
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 <b>HF USB</b>
Wednesday @ 9:00 PM	6-meter SSB net	50.125 Mhz <b>6-meter USB</b>
<b>Thursday @ 6:30 PM</b>	<b>OARC - 10 Meter Net</b>	<b>28.375 MHz USB (all hams invited)</b>
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 <b>HF LSB</b>
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz <b>HF LSB</b>

**73 de W7SU**

**[www.OgdenARC.org](http://www.OgdenARC.org)**

**w7su@arrl.net**

**PO Box 3353 Ogden UT 84409**