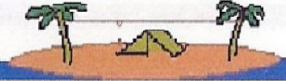


# WATTS NEWS



## The Best of Amateur Radio

### OARC e-Magazine

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

**February 2025**

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 Burreis KI7UAO**  
Program Director



**Zoe Bartholomew KK7LWB**  
Activity Director



**Kent Gardner WA7AHY**  
NL Editor



**Val Campbell K7HCP**  
Webmaster

## OARC Website Masthead

[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

### "WATTS NEWS" e-Magazine

NL Editor: Kent Gardner WA7AHY

### Executive Operations Manager

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

Multi-Media Manager—open

Photographer – Alan Buttar N7AFR

QSL Manager – Gale Sjol WD0CWK

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 - Robert Smith KG7EIZ

VE IT – Jason Miles KE7IET

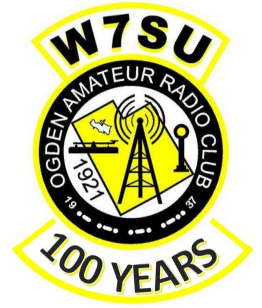
YL Net Control—Teresa Haymaker N4MBA

Zoom Manager – Justin Hall KB7LAK





# OARC Activities, Events, Announcements and Updates



## Winter Field Day

Photos by Rick Hansen, N7EGA





CW and whiskers



A really good contact!



# FROM THE EDITOR

FEBRUARY 2025



The newsletter is looking for input from you. Some suggested items needed are:

1. Equipment reviews. What you think about the new radio or equipment you just bought. It doesn't need to be like the reviews in QST, just say what you observed or experienced when you used it. The same goes for used equipment purchased online or at swap meets. Would you buy it again or try another manufacturer or ?
2. Kinks and Hints. Maybe a brief or detailed explanation of something you tried that was pretty cool or maybe bad news.
3. What shortcuts you came up with to make operating easier?
4. What QSOs that were interesting.

TNX

Kent Gardner, WA7AHY

# Craig's Corner - A Message from our President

Craig Howe

W0VRM



Craig's Corner February 2025

Hello ham family,

I am very pleased and excited to report that we have 39 applicants registered for our exam session this month.

Several of the applicants are looking to upgrade their license as well as many new operators. We welcome them into our club and look forward to having them with us.

A very huge thank-you to Rick (W7RIK) our VE coordinator and all of the VE's who assist with our Exam Sessions. We rely heavily on Jason (K7IET) who faithfully sets up our computers not only for Exam Sessions, but for our field events.

Also, we recognize and appreciate Dr. Nathan West (NX7L) who helps provide a classroom at Weber State for us as well as providing excellent instruction on the technical portions of the classes.

We look forward to sharing our do-it-yourself and personal interest "Show and Tell" items this month at our club meeting. It is always one of our most interesting meetings.

We had a great time at Winter Field Day this year and lots of help to set up as well as take down! Perhaps the highlight this year were the treats and dinner provided by Zoe (KK7LWB) our Activities Director. We had some operators at the station and performing logging tasks that had not tried it out before. Good time, good associations, great opportunity to learn!

Looking forward to seeing you soon!

73, see you soon at our Club Meeting.

Craig W0VRM



## A MESSAGE FROM OUR VICE PRESIDENT



**By Justin Hall KB7LAK**

We had a great time at the Winter Field Day event. Great folks and food as always- when we have a get-together.

I'd like to personally welcome those new members that came from GMRS community- you'll find a very supportive community here in the ham radio world- keep learning and working and trying new modes. There's always someone out there that knows something and is interested in imparting knowledge that they have garnered. Stay engaged, as there's always more to find out there!

The upcoming events are the usual suspects, but they're also the highlights of the year. It won't be long before we're setting up for Golden Spike, and then a short time later, Field Day- the pinnacle of all things ham radio. After that, there's the steak fry, and we stick a fork in steaks and summer.

So whether you tap out CW on your key, talk on the repeaters, get on HF and talk around the world, the world of ham radio has a lot to offer!

There's been a little discussion about emergency comms. Start small if interested in it. There's the option to get CERT qualified through the county, and ensure your equipment can be powered by emergency means (generator/solar/wind) if possible. Depending on the emergency, there may be a lot of confusion and chaos. Ensure you are safe, your family, and your property before jumping into the mix.

Cycle 25 has peaked, but it's a long, slow drop to the bottom of the cycle. So get on 10 meters- I hear Japan almost every day on the commute home from work. I don't hear Korea enough, though.

See you at the next meeting!

DE KB7LAK OARC VP

**Previously on.....**

**February 2025 Club Meeting  
Subject: Propagation**

Speaker is a familiar face.



**Rich NS7K**

With the solar cycle at its peak, knowledge of propagation should be helpful to us all to better understand why hams are doing so well these days. Short hops, long delayed echoes, ground and sky waves and much more were discussed in detail. His personal experiences proved that propagation is real (and fun).



# Coming Attractions.....

The next meeting ..... Same time, same station: It will be

## **OARC SHOW & TELL**

**Bring your projects to show off**

**Date: 3rd Saturday 15 February 2025**

**Time: 9:00 am**

**Location: OARC Meeting Location (Utah Military Academy  
- 5120 S 1050 W, Riverdale)**







## **Amateur Radio Emergency Preparedness Act Re-Introduced**

### ***Legislation Will Increase Communication Options During Natural Disasters***

**WASHINGTON** – U.S. Senators Roger Wicker, R-Miss., and Richard Blumenthal, D-Conn., and Representatives August Pfluger, R-Tex., and Joe Courtney, D-Conn. announced their joint re-introduction of legislation in the Senate and House to restore the right to Amateur Radio operators to install the antennas necessary to serve their communities.

Homeowner association rules often prevent Amateur Radio operators from installing antennas at their homes even though Amateur Radio has proven to be essential in emergencies and natural disasters such as hurricanes when other means of communication fail.

“Mississippians should have access to every possible means of warning for natural disasters, including amateur radio operators. In an emergency, those warnings can mean the difference between life and death,” **Senator Wicker said**. “The Amateur Radio Emergency Preparedness Act would remove unnecessary roadblocks that could help keep communities safe during emergencies like tornadoes, hurricanes, and fires.”

“When disaster strikes, amateur radio operators provide vital, often life-saving information, which shouldn’t be hindered by prohibitive rules or confusing approval processes. The Amateur Radio Emergency Preparedness Act eliminates obstacles for ham radio enthusiasts, allowing them to continue their communications and serve their communities in the face of emergencies,” **said Senator Blumenthal**.

“Natural disasters and other emergency situations that hinder our regular lines of communication are unfortunately unavoidable, which is why we must bolster our emergency preparedness by removing the barriers amateur radio operators often run into when installing antennas. Amateur radio plays a vital role in public safety by delivering critical information to people at all times. My district is home to dozens of amateur radio operators ready to volunteer in the event of an emergency, and I am proud to lead this legislation,” **said Congressman August Pfluger**.



Continued

“As we know from recent natural disasters, amateur radio operators in Connecticut can be a critical component of disaster response and emergency management. It is in our communities’ best interest that we give them the capabilities to operate at the highest level, and with the re-introduction of this bill, we’ve taken a strong step in that direction,” **said Congressman Courtney.**

**Background:**

The Amateur Radio Emergency Preparedness Act of 2025 (H.R. 1094 and S. 459) would require homeowner associations to accommodate the needs of FCC-licensed Amateur Radio operators by prohibiting the enforcement of private land use restrictions that ban, prevent, or require the approval of the installation or use of Amateur Radio station antennas. Homeowner associations have often prevented installation and use of such antennas through private land use restrictions. This has hindered voluntary training for emergency situations and blocked access to necessary communications when disaster strikes.

Among other provisions, this legislation would:

- Prohibit homeowner association rules that would prevent or ban Amateur Radio antennas;
- Specify an approval process for installing Amateur Radio antennas;
- Provide a Federal private right of action to Amateur Radio operators in disputed cases.

On behalf of America’s Amateur Radio licensees, Rick Roderick, the President of The American Radio Relay League, re-confirmed the ARRL’s full support for the passage of the Amateur Radio Emergency Preparedness Act of 2025 and extended his thanks and appreciation to Senators Wicker and Blumenthal and Congressmen Pfluger and Courtney for their unflagging leadership of the bi-partisan effort to support and protect the rights of all Amateur Radio Operators.

**GALE SJOL**  
**OUR NEW QSL MANAGER**



Gale Sjol W00CWK

I received my Novice license, which included the code test at 5wpm, in 1978 in Nebraska. I also had a Belgian license-0N8UV- for a couple of years. I upgraded to the Technician class in 1983 and was grandfathered into the General class in 2007.

I am originally from North Dakota and have lived in Oregon, Colorado, Nebraska, Texas, Belgium and finally Utah. I am a nurse and retired from Intermountain Health.

I currently check into the Ladies Net on Monday evenings and as a result don't feel as "mic shy" as I used to. I've learned a lot from the other gals on the net.

We have two daughters and four grandchildren. Our oldest daughter has lived in several states which has provided us with interesting places to visit. The two oldest grands are in college in Upstate New York and the two teenagers live near-by.

I also belong to a Quilt Guild and a Book Club so enjoy quilting/sewing and reading. I am currently in a Tai Chi class which is fun and provides for a decent workout.

**Jonathan West. NX7L**  
**Class Instructor and**  
**Point of Contact with Weber State University**



I am from Albuquerque, NM and moved to Ogden in 2020 to work as an Assistant Professor of Electrical Engineering at Weber State. I obtained my first license in 1996 when my wife and I moved to Haiti to do some development work and at the time there was no reliable phone service in the rural areas. We used 20 meters to talk to our counterparts in Florida on a weekly basis and an 80 meter mobile to communicate with the other missionaries and groups in Haiti. I also took the radio to Swaziland to do similar work, but found it mostly useful only for local communication. After I returned to the States I fell out of use and eventually allowed my license to expire, but got back into it in 2010 when I planned to go back to Haiti due to the earthquake. I retested and upgraded to the Extra class, but ended up never going back to Haiti after all. So now I have an HF station at home and a couple of mobile and handheld VHF/UHF radios. I'm currently teaching licensing classes and trying to establish a Ham radio club at Weber State for which we are installing a 5 band beam antenna on the Engineering building this summer.



# 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, [kz7omike@gmail.com](mailto:kz7omike@gmail.com)



**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: Colleen Pike, KJ7EAY**



**Colleen Pike, KJ7EAY**



# 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



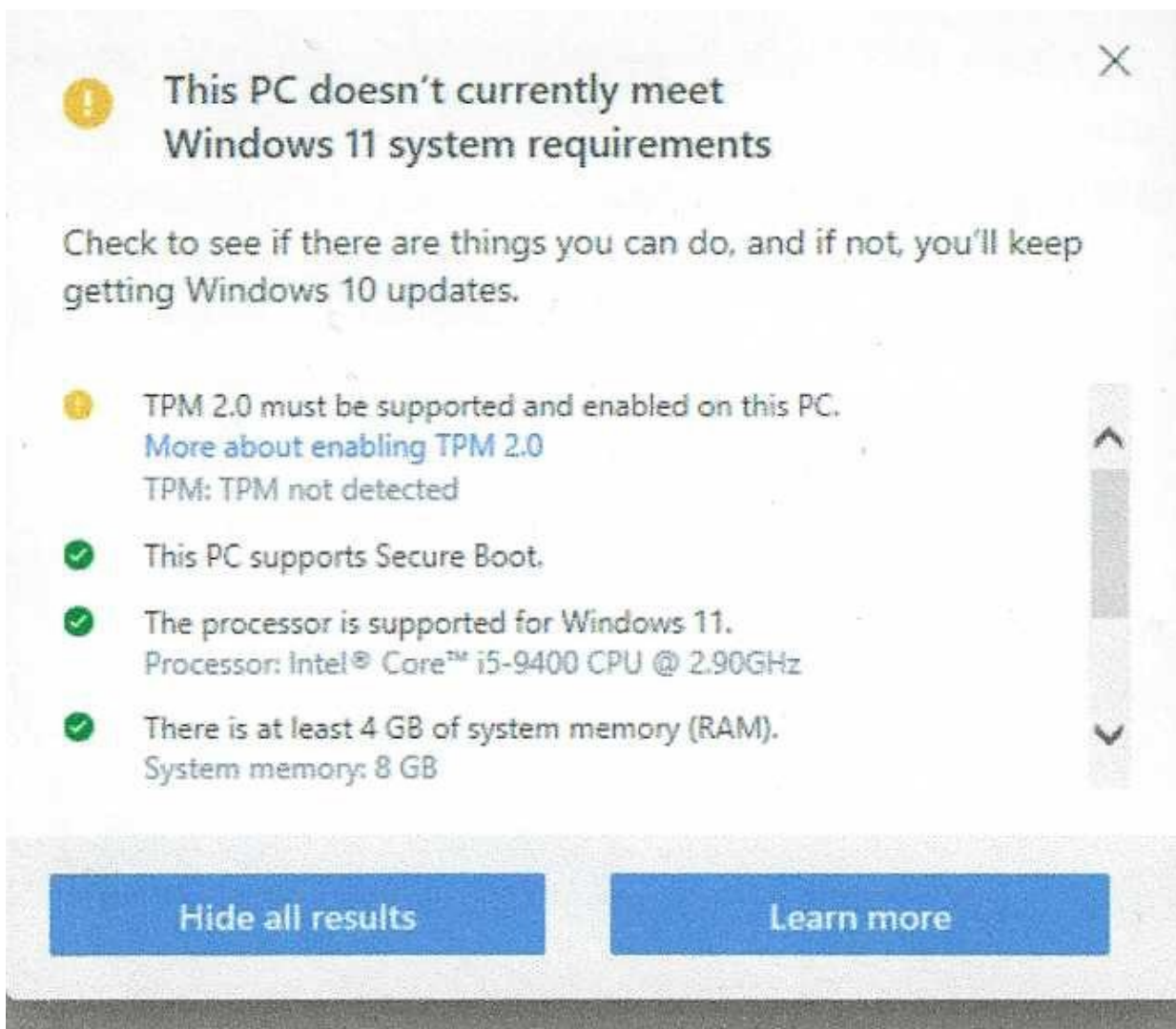
Dave DeHeer KJ7DAD

# Odds and Ends

## REMOTE CONTROL OF AMATEUR RADIO STATIONS

Follow me on this.

I have a nice desktop computer several years old purchased locally . It came with Windows 10 and has done a nice job over the years. Now, Microsoft is moving to Windows 11 and will pull support of Windows 10 later this year (2025). I ran the program to see if my computer would support the Windows 11 free upgrade. It didn't, as shown below.



I did a search and found the following:

#### How to enable TPM

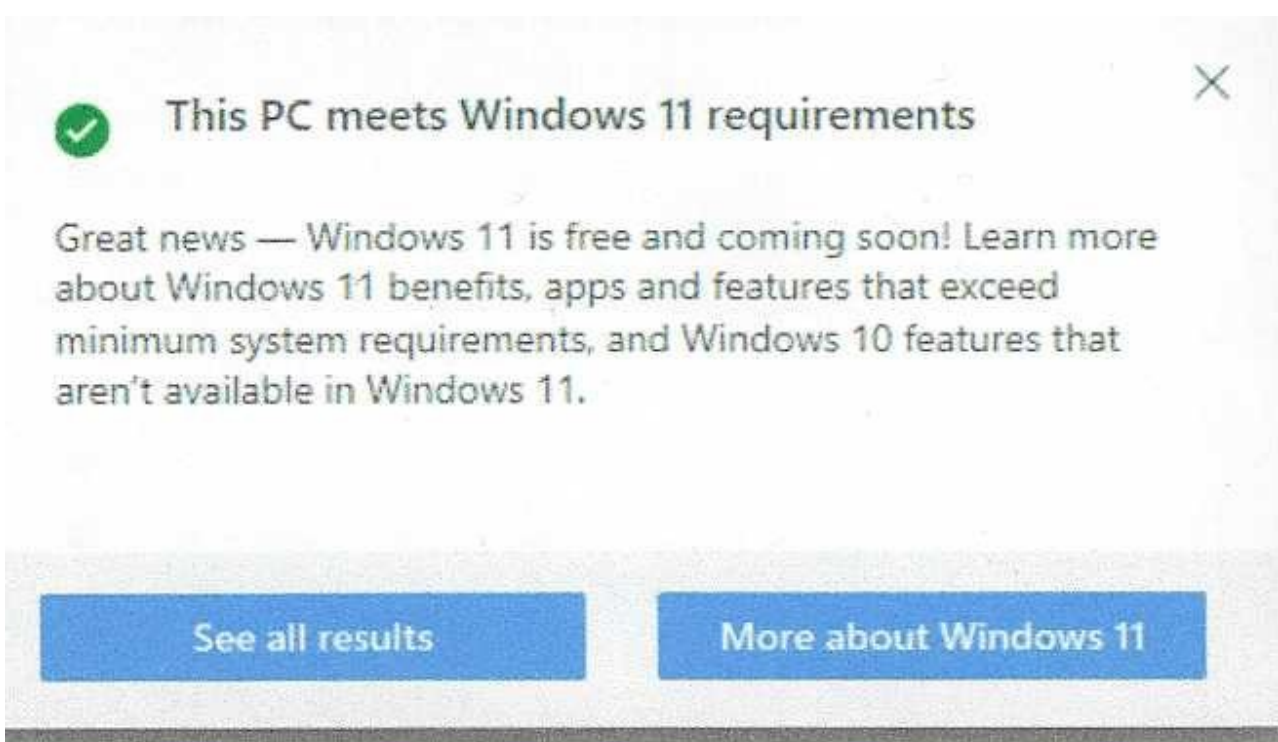
If you need to enable TPM, these settings are managed via the UEFI BIOS (PC firmware) and vary based on your device. You can access these settings by choosing: **Settings > Update & Security > Recovery > Restart now.**

From the next screen, choose **Troubleshoot > Advanced options > UEFI Firmware Settings > Restart** to make the changes. These settings are sometimes contained in a sub-menu in the UEFI BIOS labeled **Advanced, Security, or Trusted Computing.** The option to enable the TPM may be labeled **Security Device, Security Device Support, TPM State, AMD fTPM switch, AMD PSP fTPM, Intel PTT, or Intel Platform Trust Technology.**

If you are unsure how to make any needed changes to the TPM settings, we recommend that you check your PC manufacturer's support information or contact their support organization. Below are links to information from some PC manufacturers to help you get started:

[Asus](#) | [Dell](#) | [HP](#) | [Lenovo](#) | [Microsoft Surface](#)

Lo and behold, I got this message. I was encouraged and now set about to upgrade to the free Windows 11 software. Stay with me until I get back to an amateur radio subject.





I completed the update and while exploring the new program I came up with some questions so sent an email to club member, Jim Southwick, N7JS to ask about ham station remote control software as follows:

Jim,

What are you presently using for remote control of your station or are you?

I just read of some of the following :

Chrome Remote Desktop

Microsoft Remote Desktop

PC Remote Receiver

PC Remote Receiver by Monect

VNC Viewer

Any Desk

Unified remote

etc.

Any thoughts?

I just upgraded from Win 10 to 11 and use Edge as my default. Another story about that later.

TNX Kent Gardner, WA7AHY

-----

Hi Kent,

I rarely use it anymore but I had a program called CommCat. It allowed full control including voice from an Iphone or an Iwatch. The problem is, it was bought out by MFJ many years ago and they pulled it from the Apple store and Commcat quit supporting it. MFJ then released the MFJ-1234 Remote Control Rigpi with the same formula in a hardware format. It could be configured for Android or Apple or desktop with pretty much any radio. I purchased one of them and while I found it could control everything, it had a learning curve and would sometimes crash. Plug and play it was not and I felt like a beta user. I ended up selling the unit but it really is a full hardware interface for remote control. They seem to sell them now and again on Ebay for around \$140.

I also have a program called Icom RS-BA1 Remote Control. I have found it quite cryptic as well and have really not used it but is for full remote of the IC-7300 and IC-9700.

Continued

For PC remote I use UltraViewer. It is free and can be installed on several computers and works very well. I found other programs like PC Anywhere would shut me down and want paid access when they found out I was using multiple computer. I haven't had that problem with UltraViewer. I haven't tried the others you mention. The problem with all the computer remote desktops is the latency is bad and you need to figure out the audio and interfacing it. Difficult for smooth SSB work so I have never used it for radio control. You can certainly do FT-8 without a problem or most digital work.

Hope that helps a little.

Jim, N7JS

Additional note:

Jim would be interested what others are using these days and if they have found a good interfacing program. He knows Justin Hall has been searching for a good remote program for his Yaesu.

Another note: Since 3 Feb 25 I got a general message from a computer tech that says that the workaround may have been pulled, so this exercise may be all in vain, but I would see if it will work on your older computer. Good luck.

As the end of support for Windows 10 draws ever closer, Microsoft is taking subtle steps to convince users to buy new hardware. For example, one entry about bypassing the Windows 11 TPM 2.0 hardware lock was quietly removed from a support page (spotted by Neowin).

Microsoft once explained a popular workaround that allowed older PCs that didn't meet Windows 11 requirements to install it anyway by tweaking the registry. The method helped get around the strict TPM 2.0 and CPU requirements.

From Dave Sanders: Maybe I can add one FRS and one GMRS handhelds?



## **\*\* CLUB COMMUNICATION \*\***

The Utah Digital Communications Conference and the Utah VHF Society present the 2025 Utah DCC conference to be held Saturday February 22nd 2025.

This is an in-person conference with a virtual attendance option available.

The Utah VHF Society will hold its business meeting at the end of the conference .Streaming of this meeting will be available.

### Sessions Include

CISA Interoperability and AUXCOM for Emergency Communications

Amateur Radio, Survival and Recent Disasters

Building a Winlink Portable Gateway for EMCOM

The Art of Tuning Duplexers for Repeaters

The Evolution of FT8 from Inception to SuperFox

Using Meshtastic

The NanoVNA -- Getting started

Transmitter Hunting for EMCOM

Creating a Go-Kit that's Right for You

Portable Repeaters for EMCOM Use

Portable Antennas for EMCOM

Utah Multi Mode Reflector

System Fusion and Wires-X

Cache and Weber LDS Regional Communications

The amateur radio citizen scientist and SDR

Intro to Winlink

DVM Project: An Open Source P25 Phase 1 Trunking System



Registration: [www.utahdcc.com](http://www.utahdcc.com)

\$15 Adult - Youth Under 18 Free

# Utah DCC

Utah Digital Communications Conference

## Bridging the Gap: Effective Communication in Emergencies

**SATURDAY**  
FEBRUARY 22ND, 2025 AT 8 AM

**REGISTRATION**  
[UTAHDCC.COM](http://UTAHDCC.COM)



**Hands-on  
Demonstrations**  
**Seminars on Amateur  
Radio Communications**

**Utah VHF Society  
Annual Meeting**

**Fox Hunt & Antenna  
Build-It Workshop**

**Virtual Attendance Option**



**Conference Location:**  
**Salt Lake Community College Miller Campus**  
**9750 South 300 West Sandy, UT 84070**


[utahdcc@gmail.com](mailto:utahdcc@gmail.com)

[www.utahdcc.com](http://www.utahdcc.com)

Rick Hansen, N7CGA, asked about how the A, B and C batteries functioned in the old tube type portable radios of times long past.

I found a circuit on the internet that will help answer this question.

✕ Posts 🔍

 **Old Tube Radios Group** · [Join](#)  
Antonio Roberto · 1d · 🌐

Beginnings of nautimodelism (1950s)

Transmitter for boat radio control.  
There is no modulation because the receiver is controlled with the presence/absence of the carrier

L2 = 7 turns #18 / coil 25.5 mm diameter (no indication of L2 tap).  
L1 = 2.5 turns #18 / coil 19 mm diameter

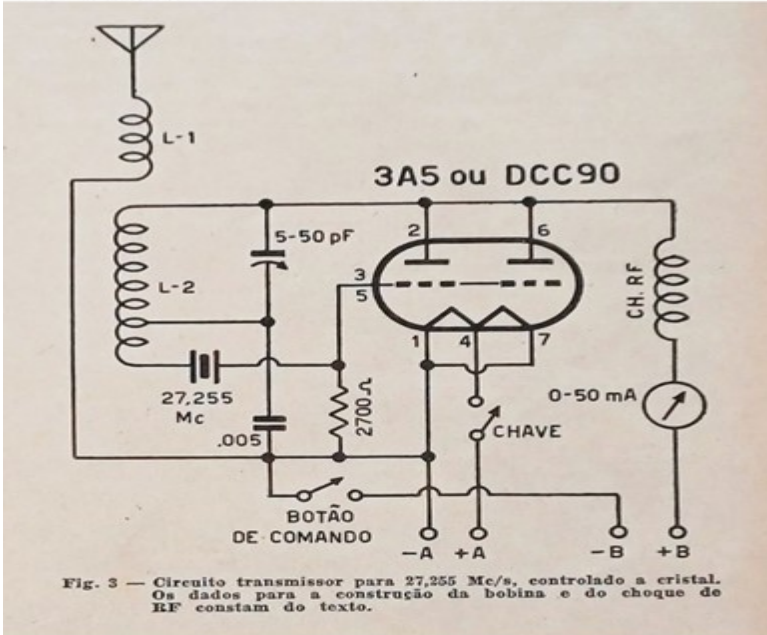


Fig. 3 — Circuito transmissor para 27,255 Mc/s, controlado a cristal. Os dados para a construção da bobina e do choque de RF constam do texto.

👍 Like    💬 Comment    📧 Send    ➦ Share

Write a public comment...

In the schematic shown in the lower right corner the "A" battery was used to provide power to the filament of a vacuum tubes in the device. Typically this battery was low voltage (usually between 2 to 7.5 volts) but required a high amperage to power the vacuum tube filaments. Lead-acid types, like classic car batteries, were used initially until better high amp-hour Zinc-Carbon batteries were developed.

The "B" battery was used to provide the plate voltage of a vacuum tube. These were typically of the Zinc-Carbon variety with many cells wired in series to provide the low amperage and high voltage (usually 22.5, 45 or 90 Volts) required.

The "C" battery was used to provide bias to the control grid of a vacuum tubes. This was typically a low voltage and low amperage (9 Volts with several 1.5 Volt taps) Zinc-Carbon battery. The C battery was largely done away with as it was soon discovered that the needed voltage/current bias could be derived from the "A" battery using a grid leak resistor or voltage. See the previous schematic.

The picture below shows several specimens that some of you will remember.

Also, the modern single cell batteries labeled A, AA, AAA, C and D, show modern nomenclature and have nothing to do with the old A, B, and C batteries. Thanks Rick for the interesting question.

TNX

Kent Gardner, WA7AHY



## Fun thing found in the Archives:

This is a membership card for Rick Hansen, N7EGA. I didn't see a year, but Rick was member number 27. It was signed by, then President, Stan Sjol and the Secretary Larry Tucker, N7EZC.



The screenshot shows a web browser window with a PDF viewer. The PDF content is as follows:

**Club badges of yesteryear**

I was going through my ham stuff and found this OARC membership ID card from 1983. Thought you would like to see it.

Stan: Looks like you were really involved with this card!  
I think that Larry Tucker's call sign was N7EZC.  
Rick Hansen N7EGA

---



The membership card is yellow with a blue circular logo on the left that reads "OGDEN AMATEUR RADIO CLUB" and "EST. 1926". The card number is 0027. The name is RICK HANSEN and the call sign is N7EGA. It is signed by Stan Sjol (President) and Larry Tucker (Secretary).



This Certifies that the bearer of this card is a bonafide member of the Ogden Amateur Radio Club, Inc. and is in good standing thru the calendar year displayed in the lower left block.

The Ogden ARC, Inc. is an affiliate of American Radio Relay League - ARRL.



# CLUB NEWS

## Ham Shack Photos

STILL WANTED—STILL NEEDED

Send your Ham Shack Photos soon!

Submit to: [below500kc@gmail.com](mailto:below500kc@gmail.com) or

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

---

This is a temporary ham shack for me. When I finished camping for the summer and took out my radio gear from the camper trailer, I set it up in my bedroom to see if my 2-meter/440 antenna in the attic would work.



It did. Having my transceiver in my temporary location in the bedroom gave me a chance to test out my attic 2-meter/440 antenna. It works just fine for the nets that I do check in on. You will recognize the antenna as a combo magmount just like the one I have on my van. It is mounted on a sheet metal ground plane mounted on a wood platform.

TNX Kent Gardner, WA7AHY



## **CLUB NEWS**

### **Unique QSL Cards**

**STILL WANTED—STILL NEEDED**

**Send your QSL Card Photos soon!**

**Submit to: [below500kc@gmail.com](mailto:below500kc@gmail.com) or**

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

# 5 Years Ago

Joe Taranto, K7CJT's presentation in club meeting. No, he didn't tow his trailer with a VW bus. He had a nice pickup for that. The VW bus shown in the graphic has hundreds of antennas. The car on page 23 has that number of radios!

From the February 2020 *WATTS NEWS* issue.





# 10 Years Ago

From the February 2015 *WATTS NEWS* issue.

Val Campbell (K7HCP) was driving a brand new 1967 Oldsmobile 442 with a Heathkit 6'er and a bumper-mounted whip. Val was elated to have a new car with a 12 volt system after previously struggling with his old vehicle which had a 6 volt positive ground system that made it extremely difficult to adapt radio equipment to mobile operation.



**CONTRIBUTING EDITOR SUBMISSIONS**

**GUEST CONTRIBUTION**

**WANTED !**

**Contributing Editor submissions always welcomed!**

**O'Bay Swap Items**



# O'bay Swap

**SWAP ITEM # 259**

**FOR SALE: Yaesu FTdx-3000**

This radio is in excellent condition and works as it should. I purchased it on QRZ and have owned it for a little over a year and have had no problems.



**ASKING PRICE: \$900 OBO**

**CONTACT: Jeff W7JZI, [jonesj01@comcast.net](mailto:jonesj01@comcast.net) , 801-391-1586** Please leave a message if you are interested

## O'bay Swap

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

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

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](mailto:bhn1010@gmail.com)

## O'bay Swap

**SWAP ITEMS WANTED !**

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



# 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			
FREQ	CLUB	TONE	LOCATION
146.900-	OARC (*)	125 DCS	Mt Ogden (w/WiresX)
448.600-	OARC (*)	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 <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**