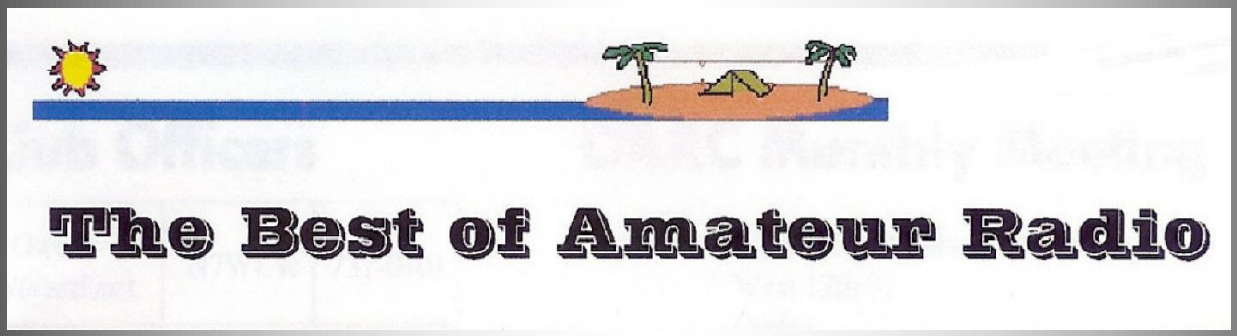
WATTS NEWS



OARC e-Magazine

www.OgdenArc.org

MARCH 2026

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

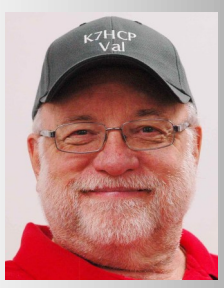
Program Director

Tracy Hess KK7ZAG

Activity Director

Kent Gardner WA7AHY

Newsletter Editor



Val Campbell K7HCP

Webmaster

OARC Website Masthead

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: Tracy Hess KK7ZAG

OARC ADVISORS (past presidents)

Gary Liptrot N7ZII

Mike Fullmer KZ7O

Kent Gardner WA7AHY

Kim Owen KO7U

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 - rotation

Antenna Manager – open

Assistant Photographer - Rick Hansen N7EGA

Badge Manager – Barbara Siddle KB7FWW

Club Call Sign (W7SU) Trustee – John Metcalf KE7VVT

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 – Stan Sjol W0KP

Ham & Eggs Net Control – Bryce Draper KI7YZU

Historian/Librarian – Kent Gardner WA7AHY

Multi-Media Manager—open

Photographer – Alan Buttars N7AFR

POTA - Gary Hudman KB7FMS

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—Colleen Pike KJ7EAY

Zoom Manager – Justin Hall KB7LAK

Craig's Corner - A Message from our President

March 2026

By Craig Howe W0VRM

Hello ham family,

Our February show and tell went well with several members coming to the meeting for the first time as well as joining the club.

Our March club meeting we will have a presentation on battery safety. Specifically, Lithium Ion types. I recently also received a training from UTA regarding several new battery powered busses that will soon be in service in Salt Lake County.

The information is pertinent and will provide suggestions on how to avoid issues with the batteries.

We are moving forward with our 2026 General License Class starting March 11th at Weber State in-person and also zoom. If you, or anyone you know, would like to take the class, please shoot me an email at craigshowe@gmail.com. I will make sure that my email reminder list is updated.

Service season is coming upon us again. A couple of folks to contact if you would like to help out with aid stations or as a SAG driver.

Annette Laughter is currently looking at help with the Emigration Canyon Half Marathon happening on April 4, 2026. Annette also helps to coordinate other events as well throughout the summer. Annettelaughter@yahoo.com

Brent Chambers coordinates the Huntsman Sportsfest.
bchambers@huntsmanfoundation.org

We will try to post on our website and Facebook group to help keep everyone up to date on service opportunities. Invite friends and family to join in the fun!

73, Craig W0VRM
Craigshowe@gmail.com 801 390-3958

FROM THE EDITOR

March 2026

More on the 100 KHz story

See the “Breaking News” segment in the February issue on page 22. Reed Kotter, K7PRH discovered a new signal on 100KHz. This eLORAN has created quite a stir for those of us who delve into the frequencies below 500 KHz (Broadcast Band).

Club member Neil Klagge, W0YSE, especially; has done extensive work in transmitting and receiving in those frequencies. The following cut and paste below of the ARRL Frequency Chart shows two bands that are open for amateur radio operators to use.

Amateurs wishing to operate on either 2,200 or 630 meters must first register with the Utilities Technology Council online at **https://utc.org/plc-database-amateur-notification-process/.** You need only register once for each band.

2,200 Meters (135 kHz)

E,A,G

135.7 kHz 1 W EIRP maximum **137.8 kHz**

630 Meters (472 kHz)

E,A,G

472 kHz **479 kHz**

5 W EIRP maximum, except in Alaska within 496 miles of Russia where the power limit is 1 W EIRP.

From the Editor continued:

From Neil Kragge, W0YSE:

In 2007 I became interested in some experimental CW being done by Rudy Severns, N6LF, near 500 kHz. I was excited to be able to receive his signal from near Eugene, Oregon to my QTH in Layton, UT.

That excitement led me to start looking for NDB navigation beacons from various airports around the area. NDB "MOG" is still receivable from Utah on 404 kHz with a tuned loop for that frequency or an active antenna for MF.

Soon other hams who received their experimental licenses for 600 meters [near 500 kHz] were getting on "MF" using WSPR beacons. WSPR is one of the modes on WSJT-x which many of you are using for FT8 contacts. These MF stations were using a mode called JT9, a forerunner of FT8.

In 2013 a friend from Texas encouraged me to apply for an experimental license for what was to become the 630m band, 472-479 kHz. I became WG2XSV while living in Layton, and continued with that call in Vancouver, WA. While in Vancouver I was able to make a CW contact with KL7L, Laurence, in Wasilla, AK. I believe that it was the first CW contact between AK and the lower 48 states on this band using CW. His QSL card is my favorite on my shack wall.

Laurence has been able to hear and be heard by Roger, VK4YB on the east coast of Australia. Laurence has also been in QSO with Japan on MF, and has been heard on WSPR on 2200m in both VK and JA.

So, what, in general, have hams accomplished on frequencies below 530 kHz?

1. Transcontinental & Intercontinental Contacts from east coast to Europe
Even with **tiny bandwidths, massive antennas, and milli-watts to watts ERP**, amateurs have achieved:

- **Transcontinental QSOs** on **2200 m (135.7–137.8 kHz)**
- **Transatlantic two-way QSOs** (Europe ↔ North America) on 2200 m
- **One-way intercontinental reception** (North America ↔ Europe, VK, ZL, JA) on **630 m and below**

These were mostly done using **ultra-narrow digital modes** like:

- **WSPR**
- **JT9**

QRSS (very slow Morse)
This proved that **LF signals propagate far better than theory once suggested**, especially at night and in winter.

2. Proving LF/VLF Propagation Mechanisms
Hams have helped document and confirm:

- **Ground-wave dominance** out to several hundred km
- **Nighttime skywave propagation** via the lower ionosphere
- **Seasonal and geomagnetic effects**

Improved propagation during **low solar activity**Y

From the Editor continued:

3. Innovative Antenna & Transmitter Engineering
Since a **full-size antenna would be miles long**, amateurs invented clever solutions:

Antennas
- Electrically short verticals (10–30 m tall!)
- Huge top-loading wires
- Ground systems with **dozens to hundreds of radials**

Kite, balloon, and tree-supported antennas

Transmitters
- Class-D and Class-E LF transmitters
- Custom DDS synthesizers

GPS-disciplined frequency sources (critical at μHz stability!)

4. Emergency & Experimental Signaling
Although **not practical for voice**, LF/VLF work has shown:
- **Extremely reliable long-distance signaling** with minimal infrastructure
- Potential for **time/frequency reference distribution**

Demonstrations of communication **under severe noise conditions**
This echoes why **navies still use VLF** to reach submarines.

5. Regulatory Milestones
Amateur accomplishments directly led to:
- **FCC authorization of the 630 m band (472–479 kHz)**

FCC authorization of the 2200 m band (135.7–137.8 kHz)
Those bands exist *because amateurs proved they were usable*.

The Big Picture
What hams have proven below 530 kHz:
 Long-distance communication is possible
 Tiny signals can travel globally
 LF bands reward patience, precision, and engineering
 Amateur radio still pushes the boundaries of RF science

Neil Klagge,W0YSE

Volunteers Needed

Newsletter Editor

“Changes are a comin”. As present editor of *WATTS NEWS* , it has been my privilege to contribute to the telling of the on-going story of the Ogden Amateur Radio Club (OARC). Since moving in to the Ogden area in 2003 I have supported the club by submitting stories to the newsletter, advertising the club’s 100th anniversary to local media, and as club Historian and Librarian keeping important documents, papers and printed newsletters of days gone by.

My age and medical conditions (and my wife’s) have created possibilities of us moving out to somewhere we don’t have to climb stairs or do heavy yard work. We may or may not be moving out of the immediate area, but I would like to explore the idea now of passing on the editorship, so the club could plan for my replacement.

In my opinion, most anyone could take on the job. It would, of course, be a plus if one would have word processing/keyboard skills, a love for putting sentences together and an artistic outlook for visuals such as pictures and charts etc.

Microsoft Office has been my mainstay over the years, but they have chosen to make some changes recently (subscription fees rather than stand alone software packages). When I took over the editorship, I was lucky enough to resurrect a 2003 copy of Microsoft Publisher, which has made life easier.

I think though, that a good word processor could be sufficient. There is a new Microsoft program that may be a replacement for Publisher, but I do not know much about it and it would be under their subscription fee program. There are other software programs that are compatible with Office, but I have found that you need a pretty good computer to keep ahead of their compatibility game.

Our webmaster, Val, converts most everything to PDF files anyway that makes everything more accessible to the world.

So, if you have any interest to expand your journalistic horizons, contact our President Craig, our Webmaster Val or myself.

Veterans Home Volunteer.

Five or ten years ago, the club leadership received a call from the George E. Wahlen Ogden Veterans Home asking the club to provide a volunteer to work with several veterans who were ham operators or maybe were Navy signalmen or others who were just interested in radio amd electronics.

My father-in-law who was an Air Force pilot, was a patient there and my wife and I would visit him frequently, as any family would. Thus, I became familiar with the value that the veterans home provided. I jumped at the chance to volunteer and have been there 10 or more years.

I would go out to the home once a month for an hour or so and meet with them in the library. Several were in wheelchairs or otherwise having an array of medical problems. For awhile, I showed them the You Tube videos that OARC records and otherwise just talked about what their interests were. Several have even participated in the Zoom classes done by the club in hopes of getting their Tech License.

I started publishing a monthly two to three page newsletter in 2018. If they could not attend, I would attach it to a clip on their door for them to read in their room.. When Covid hit and no one was allowed to mingle face to face or even enter the facility the newsletters really helped out. It has been very rewarding to say the least.

There are some requirements to qualify.

- You must pass a background check.
- Attend an orientation briefing. No last names are used and no pictures taken except with permission etc.
- Complete a Safety Training. It covers how to handle or not to handle wheelchairs and otherwise wear a mask when the flu or Covid has been detected in the facility etc. Normally, no masks are required except if individual has a sign on the door to wear one.
- Keep up on your shots; especially Flu and Covid etc.
- They have just added the requirement to check in on a laptop at the front desk when you enter and leave the building. I have just been signing in on a volunteer log manually.

Maybe for now, if you are interested, is to be my assistant and go with me every month to see how things work. Please call me at 801 391-6341 or see our President Craig.

TNX

Kent Gardner, WA7AHY

February 2026
Previous CLUB MEETING

Show and Tell:

ODDS and ENDS

From Rick Hansen N7EGA

GUEST CONTRIBUTION

By Rick Hansen N7EGA

Why do you need sparks in a spark gap transmitter, and why are we not using sparks to transmit radio signals anymore?

First, there are no “spark gap transmitters”, only “spark transmitters”.

Why this abomination has crept up in current usage remains a mystery.

A spark transmitter uses the property of a spark discharge to convert DC or low-frequency electrical energy into radio frequencies due to shock excitation of a tuned circuit.

This in turn creates a damped oscillation at the resonance frequency of the circuit.

A lot of engineering effort went into making the spark transmitter better during the early 1900s, starting with the open spark gap, or “Knallfunken”. This was very inefficient and created an extremely wide output frequency spectrum.

Next was the rotary or synchronous spark gap which was pioneered by Marconi, which had higher conversion efficiency, but still created a very wide spectrum.

The final incarnation of the spark transmitter was the Rendahl-von Arco quenched-gap or “Tönende Löschfunken”, which had a quite good efficiency and a comparatively narrow spectrum with an almost musical and clean modulation “note”.

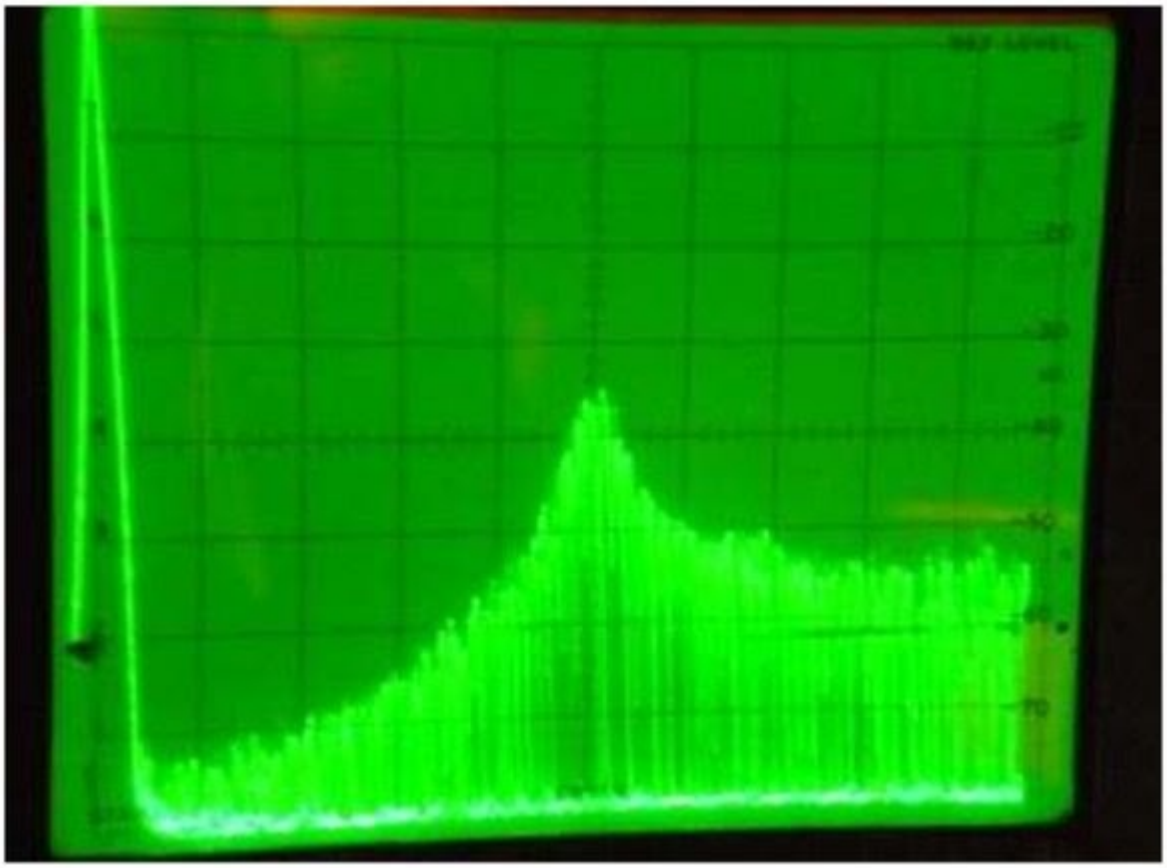
Spectrum plot of a 300 W spark emergency transmitter from the late-20s

100 kc/div horizontal, 10 dB/div vertical scale

At this time, spectrum or “wavelengths” were a very scarce resource, which encouraged designers to make the transmitted spectrum as narrow as possible. This ultimately caused the spark transmitters to be outlawed from general use in steps, starting in 1929.

ODDS and ENDS continued

Today, the use of “damped waves” or emission class B, is expressly prohibited in the current ITU Radio Regulations.



However, spark transmitters were cheap, robust and reliable, so they were allowed as ship’s emergency transmitters until July 1, 1966.

Late-30s “Tönende Löschfunken” emergency spark transmitter

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

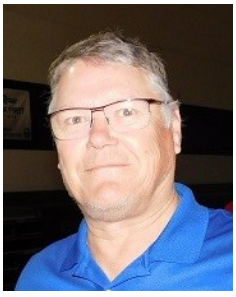
Stan Sjol (W0KP), stansjol@xmission.com

Kenny Pronschinske (KI7UFN), kennypron@hotmail.com

Bryce Draper (KI7YZU), brycejill@outloook.com

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: TBD

Net control is passed around to regular check ins.

… 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 to-gether (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:

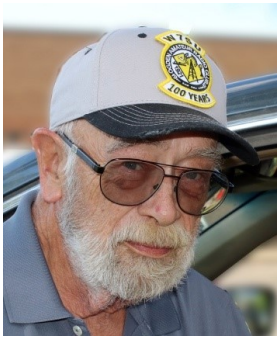
The Rusted Spoon-Ogden (previously The Stagecoach)

1310 Wall Ave, Ogden, UT

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

73, Dave KJ7DAD

Dave DeHeer KJ7DAD



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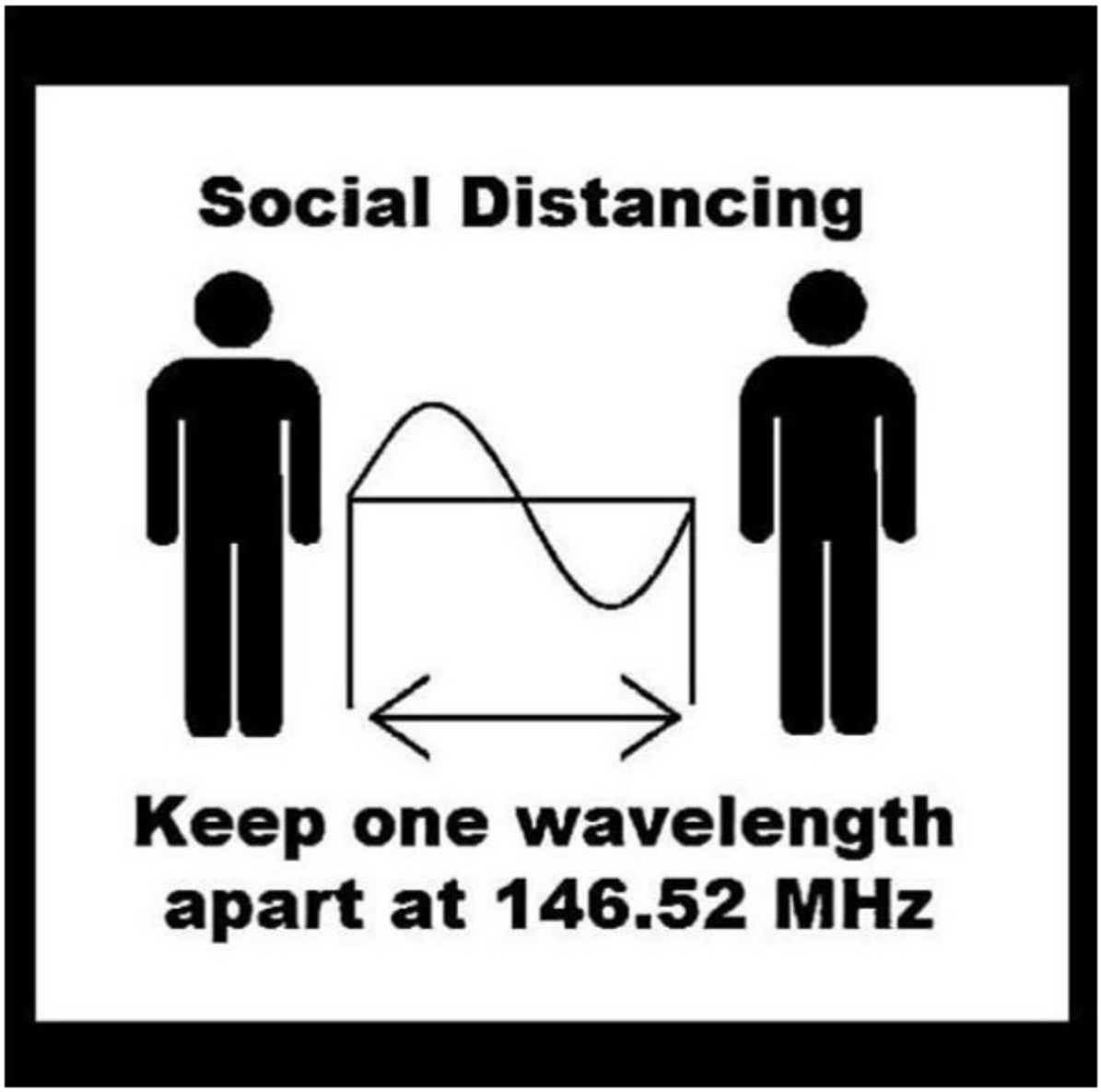
CLUB NEWS

Unique QSL Cards

Wanted

5 Years Ago From the March 2021 *WATTS NEWS issue*

Do you remember Covid?

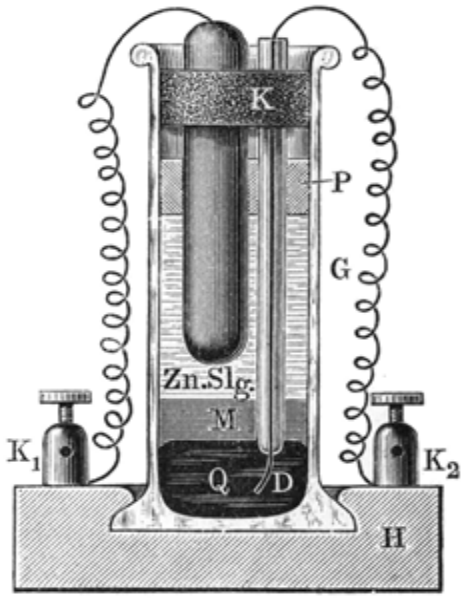


146.52 MHz (2 meter band)

2 meters ~ 6 feet

Originally submitted by Mike Fullmer KZ7O

10 Years Ago From the March 2016 *WATTS NEWS issue.*



The **Clark cell**, invented by English engineer Josiah Latimer Clark in 1873, is a wet-chemical cell (colloquially: *battery*) that produces a highly stable voltage. In 1893, the output of the Clark cell at 15 C was defined by the International Electrical Congress as 1.434 volts, and this definition became law in the United States in 1894. This definition was later supplanted by one based on the Weston cell.[1]

This Wikipedia explanation seems to confirm (colloquially: battery) that the real definition shows a cell is not officially a battery..

The American Radio Relay League seems to have entered the fray with:

T7B10 (A)

Which component can amplify a small signal using low voltages?

A. A PNP transistor

B. A variable resistor

C. An electrolytic capacitor

D. A multiple-cell battery

D is, of course, not the right answer, but it adds explanation. It would seem to follow that a cell would be called a single-cell battery.

I know that cells and batteries are not exactly pertinent to my salvation, but it was interesting in my learning process. Now I can move on to a more pressing question such as why brown cows don't give chocolate milk.

Kent Gardner, WA7AHY

O’Bay Swap Items

SWAP ITEM # 274

OBAY ESTATE SALE

WB7BW (sk) (several items)

CONTACT: Scott Warren 801.499.4941

SWAP ITEM # 273

FOR SALE: KENWOOD TS590SG & Matching PS60 Power Supply

Selling my Kenwood TS-590SG & matching PS-60 Power Supply that is in “as new” physical condition and is 100% in its electronic condition. They are both without any flaws. Reason for selling; I upgraded and bought the TS-890S. Willing to sell just the TS-590SG for $1400 because I can use the PS on my new rig. Installed are the Kenwood SO-3 TCXO and VGS-1 voice memory module. It has been used sparingly by me with no contest or high-volume usage in a climate controlled, non-smoking environment. It is also covered when not in use and comes with custom cover. The receiver is a joy (competes favorably with high end rigs on Sherwood’s Rx ranking). The features set of this transceiver is remarkable. The TS-590SG is considered by many the best price/value in its class. You will not be disappointed. Original box, manual and all original Kenwood accessories included. Retail on this setup is well over $2,000 even with Kenwood's sale going on.

SWAP ITEM # 266

FOR SALE: MFJ 1786-1788 Super Hi-Q Loop Antenna

ITEM # 266

ASKING PRICE $ Best Offer

CONTACT: Joy Jones (801) 726-5578 joyjones818@hotmail.com

O’bay Swap

SWAP ITEM # 265

FOR SALE:

YAESU FT DX 5000 MP

My husband Mike Jones, AB7YZ, passed away suddenly this spring. This was his prize radio! I believe it is complete — instruction manual, handheld mic — the works.

I live in Farmington, I can be reached via this email account, or text my phone (801) 726-5578.

Thank you,

ASKING PRICE: $3000

CONTACT: Joy Jones (801) 726-5578 joyjones818@hotmail.com

O’bay Swap

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

O’bay Swap

SWAP ITEM # 272

OBAY ESTATE SALE

John Shupe K7DJO (sk) (several items)

CONTACT: Ossi Shupe 801-388-0304

FOR SALE: PolyPhaser Coaxial Lightning Protectors

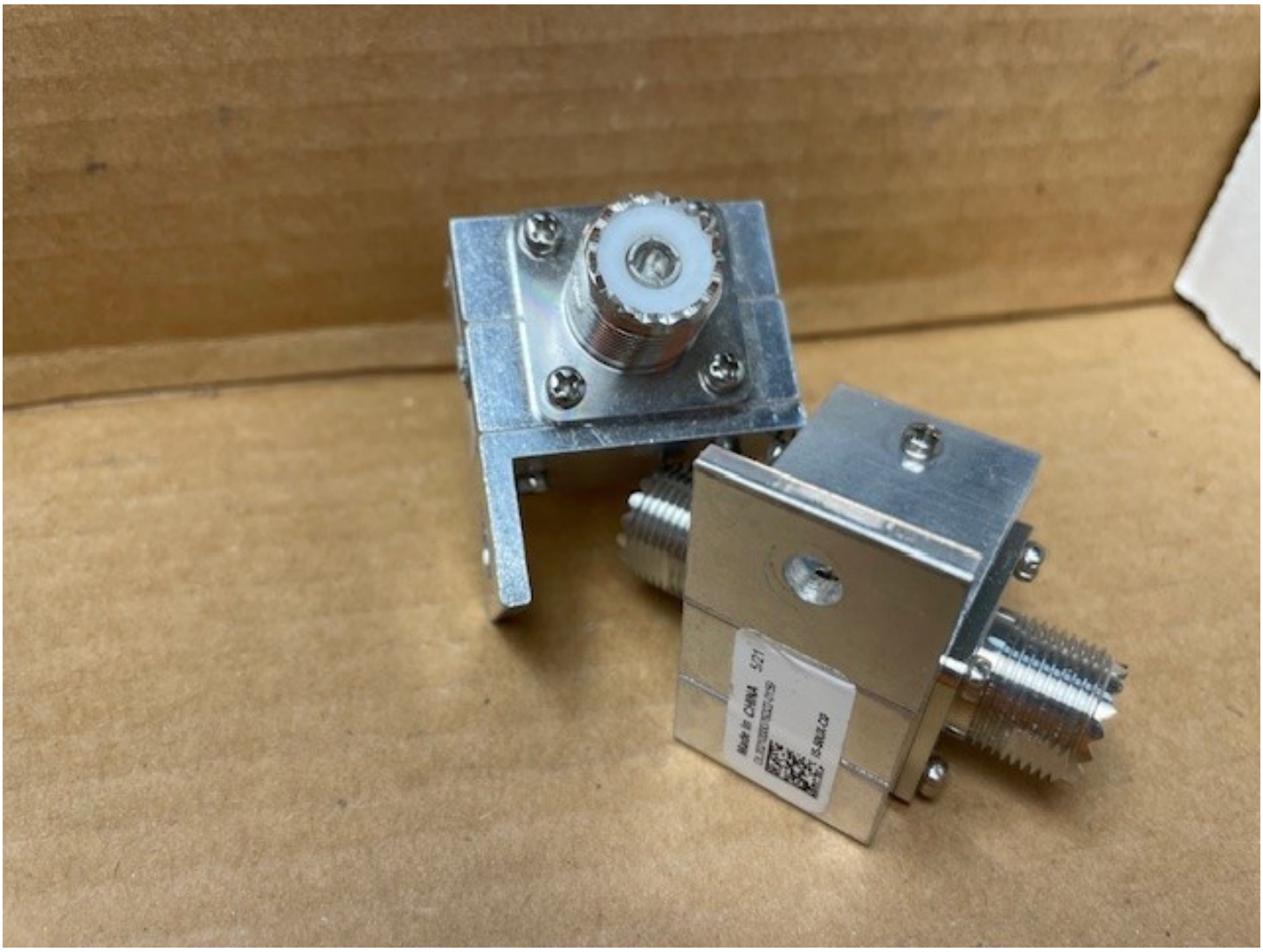
Used but no known lightning strikes.

Tested okay by Stan W0PK (no noticeable insertion loss).

For OARC members only, which is a great deal.

If you want to chat about electrical and rf grounding I will tell you what I know and what I did at my 1969 Clearfield home.

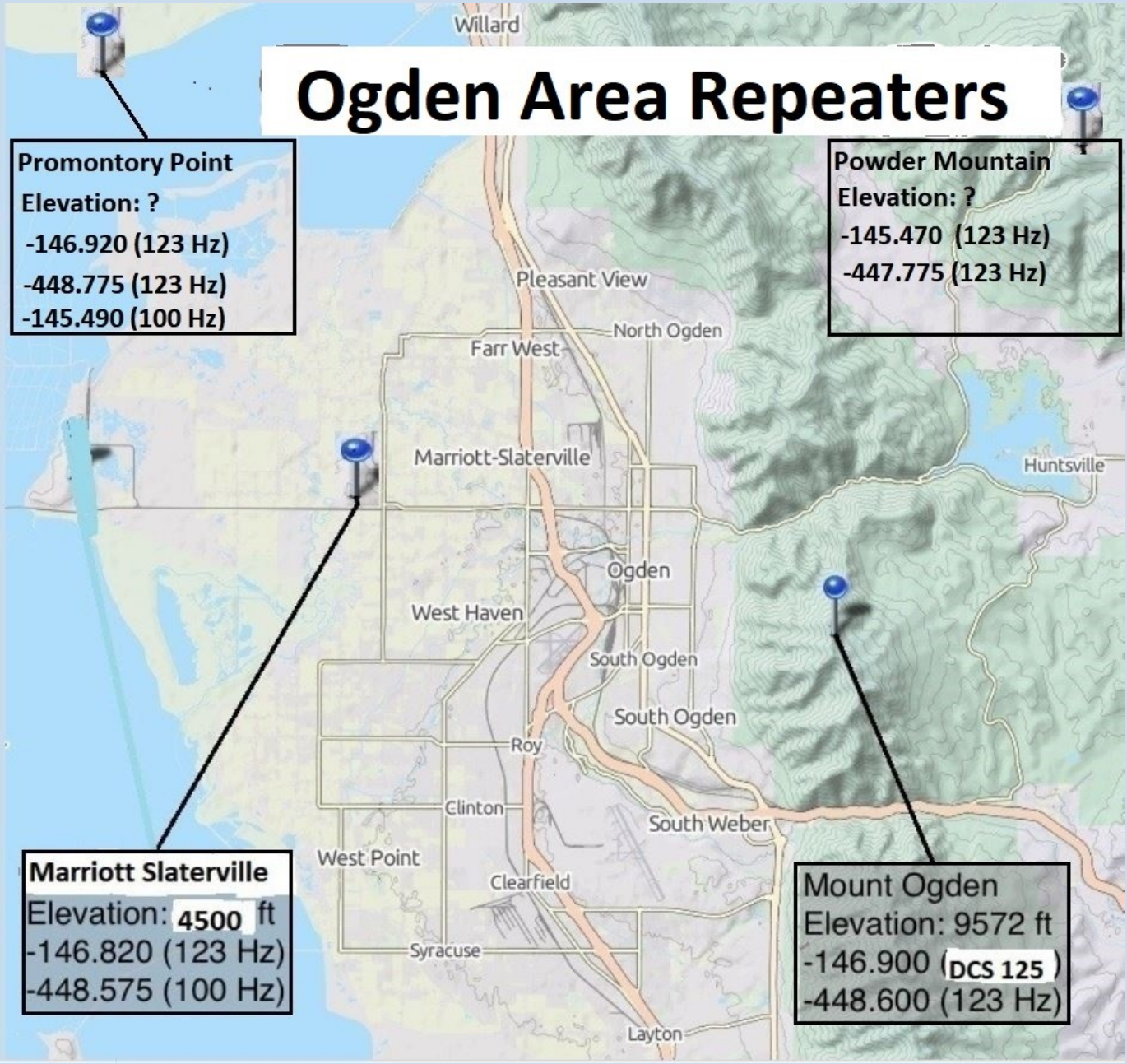
Note: $100+ each at https://www.dxengineering.com/parts/ppr-is-50ux-c0



ASKING PRICE: $100 (for both)

CONTACT: John Metcalf KE7VVT johncmetcalf@gmail.com

CLUB REPEATER NEWS



OARC MEMBERSHIP DRIVE

SUPPORT YOUR RADIO CLUB

Don't forget to signup/renew your OARC membership. Licensed ($15), non-licensed ($10). Consider signing up your spouse as well.

Memberships run August to July. Remember ... FREE Steak at Steak Fry for ALL members.

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 year (licensed), $10 non-licensed. Memberships run August - July.

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	3rd Saturday 09:00 am	Check OARC web site …
WC Sheriff Comm-O		1st Saturday 10:00 am	Weber Co. Sheriff Complex West 12th Street Ogden Utah
Barc	barconline.org	2nd 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	2nd Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	home.comcast.net/ ~noutares/	3rd 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	1st 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	3rd 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/	1st Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	https:groups.google.com/forum/#!forum/wsuarc	3rd 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 repeater equipment maintenance.

Club Call Sign

Listen to the club repeaters for this very familiar CW ID. You do know Morse Code don't you?

W7SU

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 (*)**	**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

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