

# WATTS NEWS



**The Best of Amateur Radio**

## OARC e-Magazine

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

**FEBRUARY 2022**

Next Club Meeting/Activity/Events

**In Person—Meeting**



Dave Mamanakis KD7GR  
President



Justin Hall KB7LAK  
Vice President



Colleen Pike KJ7EAY  
Secretary



J. Siddle KG7CJN  
Treasurer



Mike Wilde KJ7HEX  
Program Director



Cody Hearrell KJ7OHU  
Activity Director



Val Campbell K7HCP  
Webmaster/NL Editor

# OARC Watts News Masthead

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

---

## OARC OFFICERS

**President:** Dave Mamanakis KD7GR

**Vice President:** Justin Hall KB7LAK

**Secretary:** Colleen Pike KJ7EAY

**Treasurer:** J. Siddle KG7CJN

**Program Director:** Mike Wilde KJ7HEX

**Activity Director:** Cody Hearell KJ7OHU

## "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

## OTHER CLUB APPOINTMENTS

**VE Liaisons:** Richard Morrison W7RIK  
Gil Leonard NG7IL

Jason Miles KE7IET (IT)

**Repeater Engineers:** Mike Fullmer KZ7O  
Scott Willis KD7EKO

**Photographer:** Kathryn Sutton K8RYN

**Asst Photographer:** Rick Hansen N7EGA

**QSL Manager:** Pete Heisig AI7GV

**QRZ Manager:** Tim Samuelson KE7DOA

**Historian:** Kent Gardner WA7AHY

**Antenna Manager:** Gene Morgan WB7RLX

**Club Call Sign Trustee:** Larry Griffin AD7GL

**Club Elmer:** Stan Sjol W0KP

**Social Media Manager:** **Wanted**

**Equipment Manager:** **Wanted**

---

**Centennial Committee Chair:** Gil Leonard NG7IL

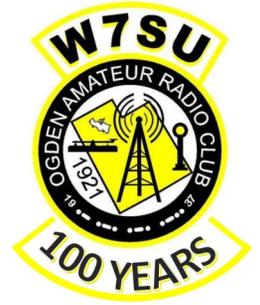
**Advisors:** Mike Fullmer KZ7O  
Kent Gardner WA7AHY  
Kim Owen KO7U  
Larry Griffin AD7GL  
Gil Leonard NG7IL  
Jason Miles K7IET



---

## OARC COMING EVENTS

---



### **Next VE Test Session**

1st Wednesday 01 June 2022 @ 6:00 PM

### **OARC February (in-person) Meeting**

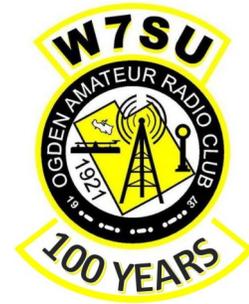
3rd Saturday 19 February 2022 @ 9:00 AM

### **Utah VHF Society Swap Meet**

***4th Saturday 26th February 2022  
8:30am - 11:30am***

**A MESSAGE FROM OUR PRESIDENT**

## Dave's Rag Chew



**Dave Mamanakis KD7GR**

Greetings, My Friends!

February! The Groundhog said, "Another 6 weeks of winter!" and the good news? He is only accurate about 40% of the time.

But, if we are to have "more winter", let's make the best of it!

There are lots of contests, club meetings, and other activities to keep us busy in the long cold months!

For instance, this month's Club Meeting is usually the "Show and Tell"! Yes! Bring your projects and share with other what you did, how you did it, and let's get the creative juices flowing!

I think we'll have donuts and something to drink...

And there may be a small presentation as well!

After that, we have the Utah VHF Society's Swap Meet! You really don't want to miss it! Every Year they have some great deals on good radios, radio gear, projects, and you could win a door prize!

The entrance fee is the same as the annual dues. That gets you in to buy things, and a neat little Utah Repeater Book. Worth the cost of admission!

There are a couple contests going on inside the club:

The 10 on 10: 10 contacts on 10 meters.

The Simplex Challenge: Make contacts on Simplex (UHF/VHF)

Make use of our repeaters! We have the Ham-&-Eggs net, and pretty much all day, every day you can talk to others in the club!

We just finished Winter Field Day! If you didn't come, you missed out. Yes, it was cold... well, outside was cold. Thanks to Gil for organizing the activity and for providing one of the 2 trailers where we were able to operate in a warm environment! Mike Wild provided the other! Thanks, guys! It made it do-able!

We also had a test session this last week. We had 13 people come to test, and it was fruitful! New Technicians and several upgrades to General! Congrats to all!

I'd like to remind you all that this Club exists for one reason only: To help the members enjoy Ham Radio! If you are having a hard time, if you can't figure something out, if you are having troubles, if you have questions... please, don't be afraid to ask for help! Many of our members are more than willing to help out when you need it! From putting up towers to programming radios. We do our monthly meetings to provide social activities, and to provide some education! We've talked about Antennas (well, we scratched the surface) and Antenna Modeling, and there is so much more we could talk about regarding Antennas (like understanding feed lines)...

We do the other activities, like classes to get or upgrade your licenses... Field Day activities to learn and enjoy HF... and other fun activities!

So, please, if you need a question answered, or help with your radios or communications setup, "Just Ask" and I think we might be able to help you!

If you want to "get on the air" or become "radio active", the absolute best way is to "get on the air". One way to do that is come out for our activities! I had a great time at Winter Field Day! Our next big activity is Golden Spike! The past couple years, even with COVID restrictions, we've had a great time and the weather was fantastic!

There are other activities as well! If you'd like to get involved with helping communications during a Bike Race, or a Marathon, Utah SAG would like to hear from you! [mickey@utahsag.org](mailto:mickey@utahsag.org)  
While you are "getting on the air", you will also be "doing good" for the community!

Or, if you like something more "out there", there are the Tahoe 200 and or Moab 240. Camping with a Radio to support a 200+ mile endurance run! Also a great time!

I can give you all kinds of information and put you in touch with the right people if you are interested!

Ok! Thanks again for being a GREAT CLUB!

See you on the 19<sup>th</sup> at Utah Military Academy in Riverdale! (this time, I have the key!)

-- Dave (KD7GR)

## **CLUB ANNOUNCEMENTS**

## CLUB NEWS

### 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.

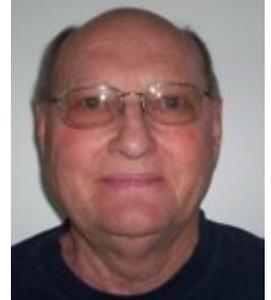
Questions: Larry Griffin AD7GL, [ad7gl@arrl.net](mailto:ad7gl@arrl.net)

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



Larry Griffin AD7GL

Stan Sjol W0KP



## CLUB NEWS

### 10 Meter Net

Thursday Evenings at 0200 UTC (7:00 PM MT)

10 Meters HF - **28.385 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: Gene WB7RLX, [ee\\_morgan@outlook.com](mailto:ee_morgan@outlook.com)



Gene Morgan WB7RLX

## CLUB NEWS

### 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 a new location:

**The Rusted Spoon-Ogden** (previously The Stagecoach)

**1310 Wall Ave, Ogden, UT**

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

A record number attended recently ... 17 total.

73, Dave KJ7DAD



Dave DeHeer KJ7DAD

# CLUB NEWS - ANNOUNCING

## Ogden ARC Radio-Active Simplex Challenges 2022

New year, new activities. Yes, January 1<sup>st</sup> 2022 will mark the beginning of some new activities for a lot of us. New Years resolutions to eat better, maybe hit the gym. How about we also make a resolution to become more Radio-Active? Today I introduce new incentives along with new goals that can help us all strive to become more active in ham radio.

### 1. UHF/VHF Simplex Challenge

The main goal with simplex challenges is to make contacts on simplex... yes, it's that simple. Primarily making contacts and keeping a log of stations worked is the first step. Using any of the following simplex frequencies, contact as many other stations as possible. In-house awards will be available to any club member meeting certain goals (I.E.: Makes 20 simplex contacts). A log detailing stations worked (callsign and name), signal reports given/received, station equipment used (both stations), frequency, power, and approx. location of both stations with date and time. See sample QSO log below.

#### 2M:

146.520 MHz (primary)

146.540 MHz

146.560 MHz

#### 70cm:

446.000 MHz (primary)

446.500 MHz

447.800 MHz

No tones or DCS codes are required. Voice simplex challenge can be with any station

## 2. Who needs P.O.T.A or S.O.T.A.? (UHF/VHF Simplex only)

Know about “Parks On The Air” (P.O.T.A)? With that, state parks are “activated”. There is the person at the park (Activator) and the person they make contact with (Hunter). With this, either being a hunter or activator will work, in house awards will be available for each. Each park within the Greater Ogden area will be in play. In order to “activate” the park, you must get at least 10 simplex contacts. Don’t worry though, there is not a time limit on these. If it takes many weeks to collect 10, that will work. Feel free to submit your log whenever you have completed a step. The same goes for a hunter, contact 10 different parks and submit your log. Make sure to list what award you’re going for (10 contacts for park X or Contacted 10 parks). With the “Summits On The Air” (S.O.T.A) concept, any peak along the Wasatch Front overlooking the Greater Ogden area is fair play. In order to receive an award for a peak, you must contact only 5 stations via simplex.

## 3. Community Outreach (any mode)

I’m sure everyone here has noticed my truck; a lot of people do. Quite often I have people walk up wondering what I need all that “stuff” on my roof. Why is that antenna so long? For this challenge, we are going to tell our story. Hang out at the park with your radio, maybe a sign explaining what you are doing. The goal here is to be an ambassador to the world of Amateur Radio. Even better if you can convince someone unlicensed to have a chat (UHF/VHF-Simplex, HF-Any mode). Logging consists of the same info as above to include the unlicensed person’s name. In the case they do not get on the radio, a short summary of your interaction will suffice. Make sure to include if they are looking to get licensed.

## Awards Honor List

The OARC Simplex Challenge Awards Honor Lists will be posted on the OARC club website as well as recognized in Watts News, the club newsletter. In order to qualify for any in-house Honors List, you must be a paid member of Ogden Amateur Radio Club. When a log is submitted for award consideration, the subject line must include the award you are submitting a log for. All award inquiries should be sent to [codyhearell@gmail.com](mailto:codyhearell@gmail.com)

## Award Honors List offerings available are as follows:

**(1) Make 20 simplex contacts, 40 contacts, and so on.** Just submit previous award with new log.

**(2a) Park specific awards** – (Simplex only) Name of park with a minimum of 10 contacts made from the confines of that park logged and submitted. Total number of contacts at the time of submission will be noted on award.

**(2b) Peak specific awards** – (Simplex only) Name of peak with a minimum of 5 contacts made from the summit logged and submitted. Total number of contacts at the time of submission will be noted on award.

**(2c) “Hunter Awards”** – (Simplex only) Name of park and callsign contacted with a minimum of 10 parks within the Greater Ogden Area. For peak station contacts, minimum is Willard, Ben Lomond, Mt. Ogden.

**(3) Community Outreach Award** (any mode) Logging consists of the same info as above to include the unlicensed person’s name. In the case they do not get on the radio, a short summary of your interaction will suffice.

**Additional award honors are still under consideration. All updates will be posted in this section on the Ogden ARC website.**

**73, Cody Hearell - KJ7OHU**

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



**PREVIOUS CLUB MEETING/ACTIVITY**

# CLUB NEWS

Previous

OARC

January Activity/Event

**OARC January (in-person) Meeting**

**Date: 3rd Saturday 15 January 2022**

**Time: 09:00 am**

**Location: Utah Military Academy [MAP](#)**

**5120 S 1050 W, Riverdale UT 84405**

**Topic: Mike Fullmer KZ7O presents "Antenna Modeling"**

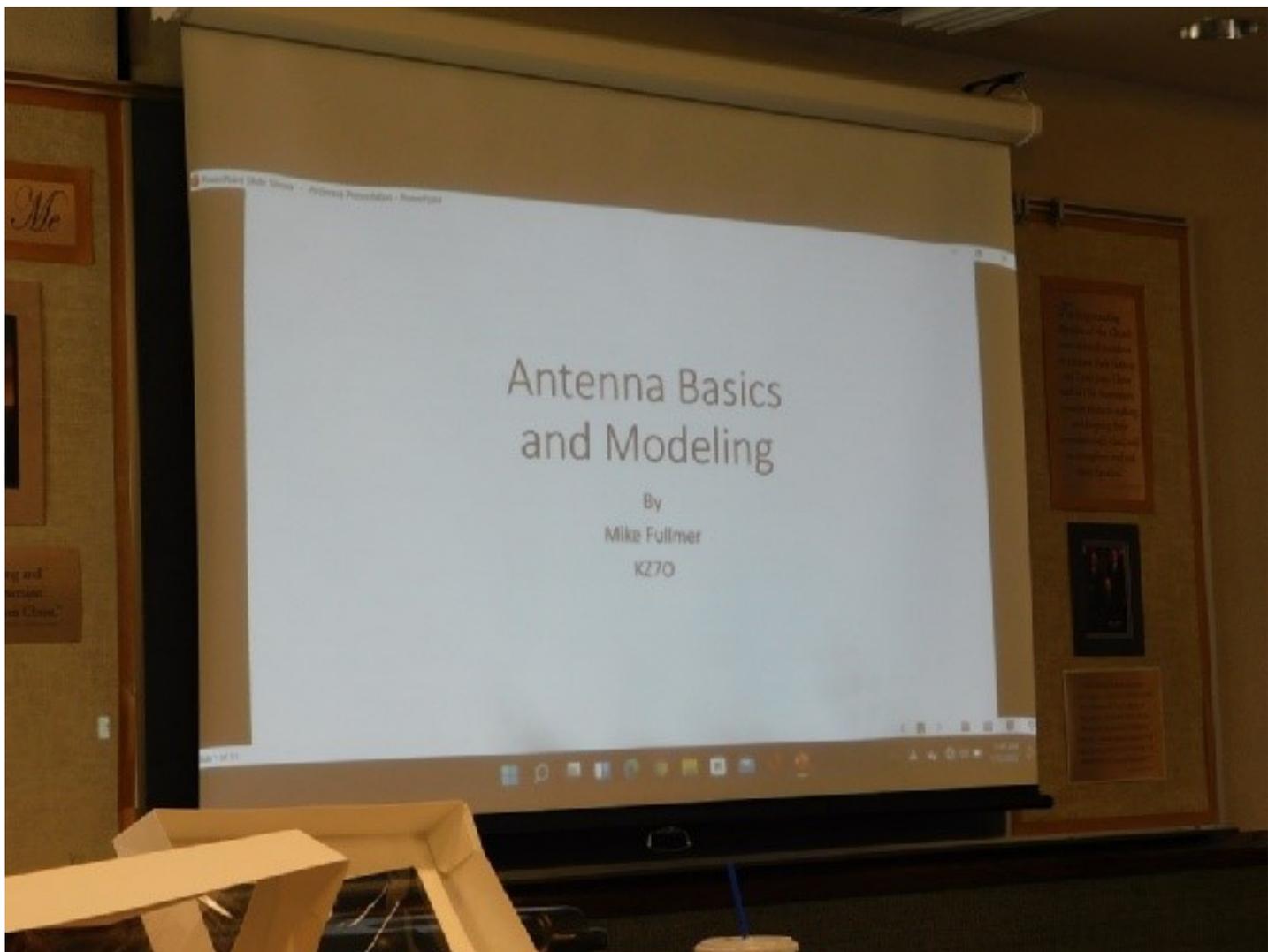
**PREVIOUS MEETING PICTURES**



# Antenna Basics and Modeling

By  
Mike Pullmer  
K270





# Antenna Basics and Modeling

By  
Mike Fullmer  
K27D







## CLUB NEWS

# Another Previous ... OARC January Activity/Event

**NEW!** [OARC-W7SU Winter Field Day Plans](#) **NEW!**

***Saturday 29th & Sunday 30th January 2022***

**Gil Leonard NG7IL reports the following:**

- 76 CW contacts for 2 points each.
- 118 SSB contacts for 1 point each.
- 500 points for emergency power.
- 500 points for remote operation.
- Our final score was over 6094 pts.

**All in all it was a tremendous success.**

73 de Gil NG7IL



***Check website home page for pictures of this event***

## WFD Summary Sheet

Start Date : 2022-01-29

CallSign Used : W7SU

Operator(s) : W7SU

Operator Category : CHECKLOG

Assisted Category : ASSISTED

Band : ALL

Power : LOW

Mode : MIXED+DIG

Default Exchange : 2I UT

Gridsquare : DN31XG

Name : Ogden Amateur Radio Club

Address :

City/State/Zip :

Country : UNITED STATES

ARRL Section : UT

Club/Team : Ogden Amateur Radio Club

Software : N1MM Logger+ 1.0.9416.0

Band	Mode	QSOs	Pts	Mlt	Pt/Q
------	------	------	-----	-----	------

3.5	CW	12	24	1	2.0
-----	----	----	----	---	-----

7	CW	29	58	1	2.0
---	----	----	----	---	-----

7	LSB	25	32	6	1.3
---	-----	----	----	---	-----

14	CW	26	52	1	2.0
----	----	----	----	---	-----

14	USB	93	93	1	1.0
----	-----	----	----	---	-----

21	CW	9	18	1	2.0
----	----	---	----	---	-----

Total Both		194	277	11	1.4
------------	--	-----	-----	----	-----

Score : 6,094

## PREVIOUS MEETING PICTURES

Photos by ... **club photographers**



Kathryn Sutton— K8RYN



Rick Hansen—N7EGA

---

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

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

---

**ALSO**

**Check out the OARC Facebook page**

**"Ogden Amateur Radio Club"**

**OARC SOCIAL MEDIA MANAGER ... needed**

**NEXT CLUB MEETING/ACTIVITY**

# CLUB NEWS

**Next**

**OARC**

**February Activity/Event**

**In person Meeting**

**OARC February (in-person) Meeting**

**Date: 3rd Saturday 19 February 2022**

**Time: 09:00 am**

**Location: Utah Military Academy [MAP](#)  
5120 S 1050 W, Riverdale UT 84405**

**Topic: TBA**

**Check the club website homepage for the latest information.**

## **CLUB NEWS**

### **Another February Activity/Event**

#### **Utah VHF Society Swap Meet**

***4th Saturday 26th February 2022  
8:30am - 11:30am***

**Check the club website homepage for the latest information.**

**CLUB & HOBBY NEWS**

## **CLUB NEWS**

**Congratulations to those that successfully tested  
at the February OARC VE Test Session**

### **GENERAL**

**Diamond, Aaron                      KD2WXA**

**Dortzbach, Jay**

**Indihar, Kelly                      KK7BHK**

**Lietuvininkas, Carolyn-Marie**

**Lyon, Rick**

### **TECH**

**Danpoy, Susan**

**Deamer, Jody**

**Johnson, Lacinda**

**McFalls, Michael**

**Mertens, Gordon**

**Miller, Reed**

---

VE Test Summary - February 2022

5 new general class, 3 tech to general.

6 new techs.

13 test applications.

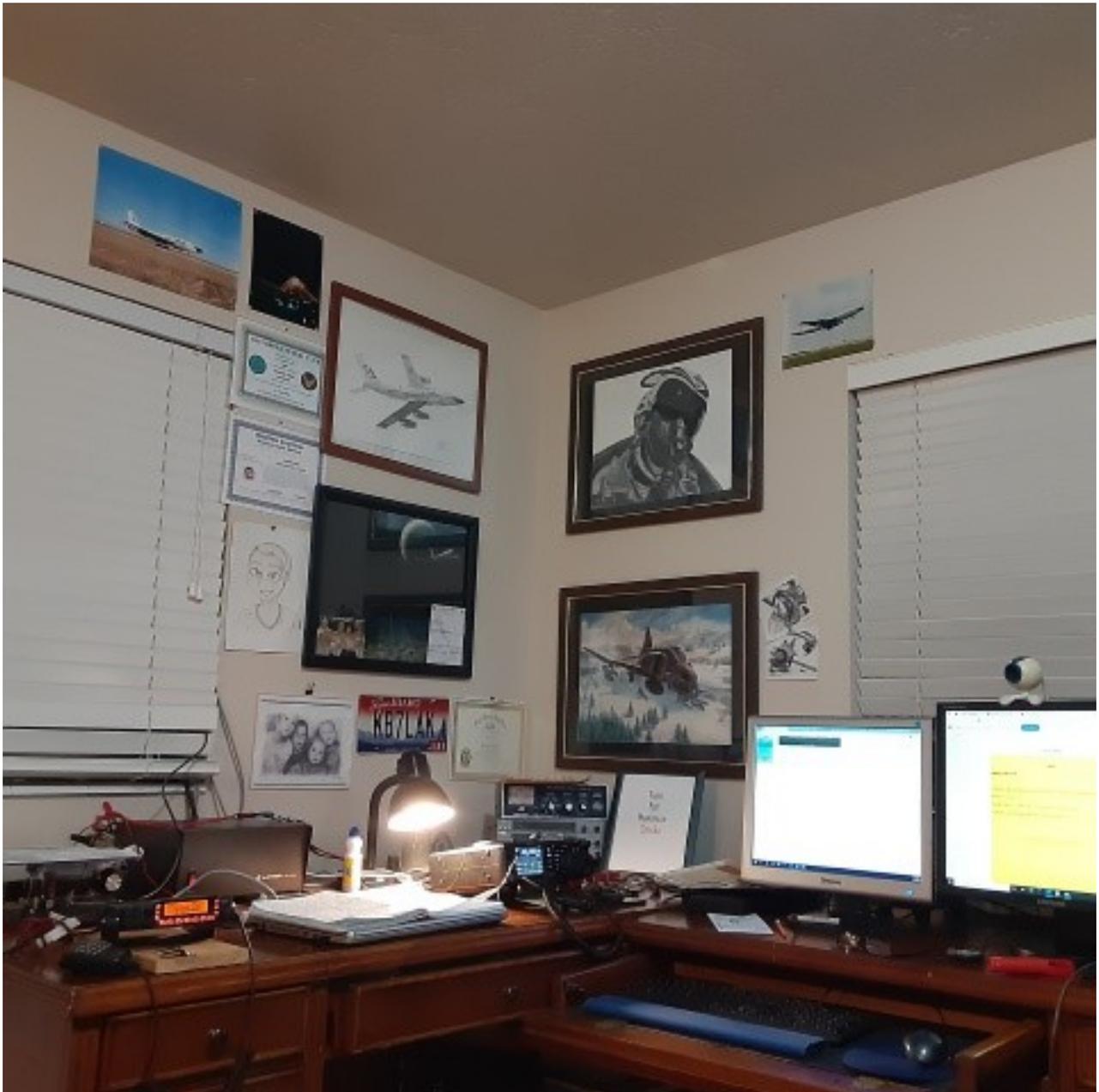
6 new COMP club memberships.

## CLUB NEWS

### Ham Shack Photos

The next in the series of unidentified ham shacks is shown below.

**Do you know whose ham shack this is?**



## **CLUB NEWS**

### **Ham Shack Photos**

**STILL WANTED—STILL NEEDED**

Send me your Ham Shack Photos soon!

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

---

**Next up ...**

**Unique QSL Cards received by OARC members**

# CLUB NEWS

## Unique QSL Cards received by OARC members

Evan Day W0GOP

81, HARLINGTON ROAD WEST, FELTHAM, MIDDLESEX,  
ENGLAND.

# G3CFW

To RADIO W0GOP... Confirming  
CW QSO 28 Mcs. At 1855 GMT  
On 9.15.49. Ur Sigs RST 569  
RX Double-Super... Phones/Spkr  
TX VFO - 80T's... Input 70 Wtts  
ANT Beam  
Freq.....  
Rmks For rice 950, Van.....

 M.R.S.G.B.

PSE QSL Direct or via RSGB 73 es Cuagn. *sev* N. C. BURTON.  
Atkinson Bros., Printers, Eland. Copyright



Note the date ... 15 September 1949

## CLUB NEWS



### Remember When?

**Notice the emblem.**

**This was originally OARC's Communications Trailer.**

**The trailer is currently in the possession of Max George NG7M.**

## HOBBY NEWS

### USU Satellite Successfully Deployed from ISS

It transmits every 5 mins and has the call sign N7GAS

It is transmitting on 437.365 MHz.

It appears that the USU students used considerable off the shelf hard ware to build this unit.

<https://www.usu.edu/today/story/utah-space-university-gas-teams-satellite-successfully-deployed-from-iss>

<https://network.satnogs.org/stations/598/>

<https://smallsatgasteam.github.io/GASPACS-Comms-Info/>

Reported by Dave Sanders K7RGY

## HOBBY NEWS

ARRL just released a commemorative issue of QST magazine,  
a re-issue of the first QST issue, #1 - 1915



---

 CONTENTS.
 

---

December Radio Relay Bulletin .....	3
Our Services Offered to Government .....	3
Reliability and Celerity .....	5
Regular Hours for Listening .....	6
Radio Station of W. H. Carroll, Illustrated .....	6
List of Stations Book .....	6
Official League License .....	7
Application for Membership .....	7
Special Licenses .....	7
First Issue of Q S T Nr. 1 .....	7
Relay Station S. B. E., Illustrated .....	8
Book Review .....	8
Pictured Electro-Magnetic Waves, Illustrated .....	9
By Clarence D. Tuska, Asso. I. R. E.	
Radio Station of Roy C. Burr, Illustrated .....	10
Subscription Blank .....	10
Latest List of Additions to League List of Stations .....	11
List of Abbreviations used in Communication by Amateurs .....	14
Detail of Roy C. Burr's Sending Set, Illustrated .....	14
Application Blank .....	15
Arlington Notes .....	17

---

**3 month subscription for only 25 cents (stamps, currency, check or money order)**

..... CUT OFF ON THIS LINE .....

## **SUBSCRIPTION BLANK**

**American Radio Relay League  
Hartford, Conn.**

**Gentlemen:**

**Enclosed find 25c (stamps, currency, check or money order); kindly send me January, February and March numbers of Q S T.**

**Name .....**

**Street and No.....**

**Town and State .....**

**Next**

**ARRL membership application, separate from magazine subscription ...**

**APPLICATION BLANK**

**American Radio Relay League  
Incorporated  
Hartford, Connecticut**

Your Name ..... Address .....  
(Street, City and State.)

Your Age ..... Your Station Call Letters .....

Are you a member of any Radio or Wireless Club, and if so give its name and address:

.....

Length of your Aerial ..... Height above ground .....

Number of wires in Aerial and space between .....

**SENDING EQUIPMENT**

Do you obtain your power from Batteries or City Current? .....

Do you use a Spark Coil or a Transformer? .....

What is your Power Input? .....

Is your Spark Gap Rotary, Fixed or Quenched? .....

What Tone has your Spark? ..... Approximate Wave Length .....

Give names and addresses of the FIVE most distant stations you communicate with:

State distance in miles .....

.....

.....

.....

.....

.....

(OVER)

## Membership Application - part 2 of 2

### RECEIVING EQUIPMENT

Describe your Receiving Set .....

.....

.....

.....

.....

Do you use an Audion Detector? .....

What is your approximate receiving range in miles? .....

Are you troubled by interference? .....

What are your usual listening hours and how many evenings a week do you average at your instrument? .....

.....

Have you telephone connection in your house, or convenient? .....

Do you keep your station practically constantly in running order? .....

.....

Can you copy Press News? .....

About how many words per minute can you receive with certainty? .....

What is the nearest Commercial or Government Station to you? .....

Have you a Government license, and if so what Grade and No. ....

.....

Please make any remarks or comments which you think will be of help in perfecting a chain of Amateur Radio Relay Stations throughout the country. The object of the League is strictly confined to facilitating the relaying of radio messages among amateurs.

.....

.....

.....

.....

I HEREBY OFFER TO RELAY OR DELIVER ANY AMATEUR RADIO MESSAGES THAT ARE SENT TO ME

*Signature* ..... *Date* .....

# ARRL's first List of Abbreviations (Q-Codes)

## List of Abbreviations used by Amateurs

Abbreviation	Question	Answer or Notice
QRA.....	What ship or coast station is that? .....	This is .....
QRK.....	How do you receive me? .....	I am receiving well.
QRL.....	Are you receiving badly? Shall I send 20? .....	I am receiving badly. Please send 20.
QRM.....	Are you being interfered with? .....	I am being interfered with.
QRN.....	Are the atmospherics strong? ....	Atmospherics are very strong.
QRO.....	Shall I increase power? .....	Increase power.
QRP.....	Shall I decrease power? .....	Decrease power.
QRQ.....	Shall I send faster? .....	Send faster.
QRS.....	Shall I send slower? .....	Send slower.
QRT.....	Shall I stop sending? .....	Stop sending.
QRU.....	Have you anything for me? .....	I have nothing for you.
QRV.....	Are you ready? .....	I am ready. All right now.
QRW.....	Are you busy? .....	I am busy (or: I am busy with.....) Please do not interfere.
QRX.....	Shall I stand by? .....	Stand by. I will call you when required.
QRY.....	When will be my turn? .....	Your turn will be No. ....
QRZ.....	Are my signals weak? .....	Your signals are weak.
QSA.....	Are my signals strong? .....	Your signals are strong.
QSR.....	Is my tone bad? .....	The tone is bad.
QSC.....	Is my spacing bad? .....	Your spacing is bad.
QSD.....	What is your time? .....	My time is.....
QSP.....	Shall I inform.....that you are calling him? .....	Inform.....that I am calling him.
QSQ.....	Is.....calling me? .....	You are being called by .....
QSR.....	Will you forward the radiogram? .....	I will forward the radiogram.
QST.....	Have you received the general call? .....	General call to all stations.
QSU.....	Please call me when you have finished (or: at.....o'clock)? .....	Will call when I have finished.
QSZ.....	.....	Send each word twice. I have difficulty in receiving you.
QTA.....	.....	Repeat the last radiogram.

When an abbreviation is followed by a mark of interrogation, it refers to the question indicated for that interrogation.

## O'bay Swap

(repeat)

### SWAP ITEM # 225

FOR SALE: Misc Antenna: equipment, parts, cables, etc. (donated to OARC)

REFER TO CHART: Donation Inventory

ASKING PRICE: \$ make offer \$ (as a donation to your club)

CONTACT: Gene Morgan WB7RLX, 801-540-4907, ee\_morgan@outlook.com

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

# CLUB NEWS

(repeat)

**WANTED...**

**OARC EQUIPMENT MANAGER**



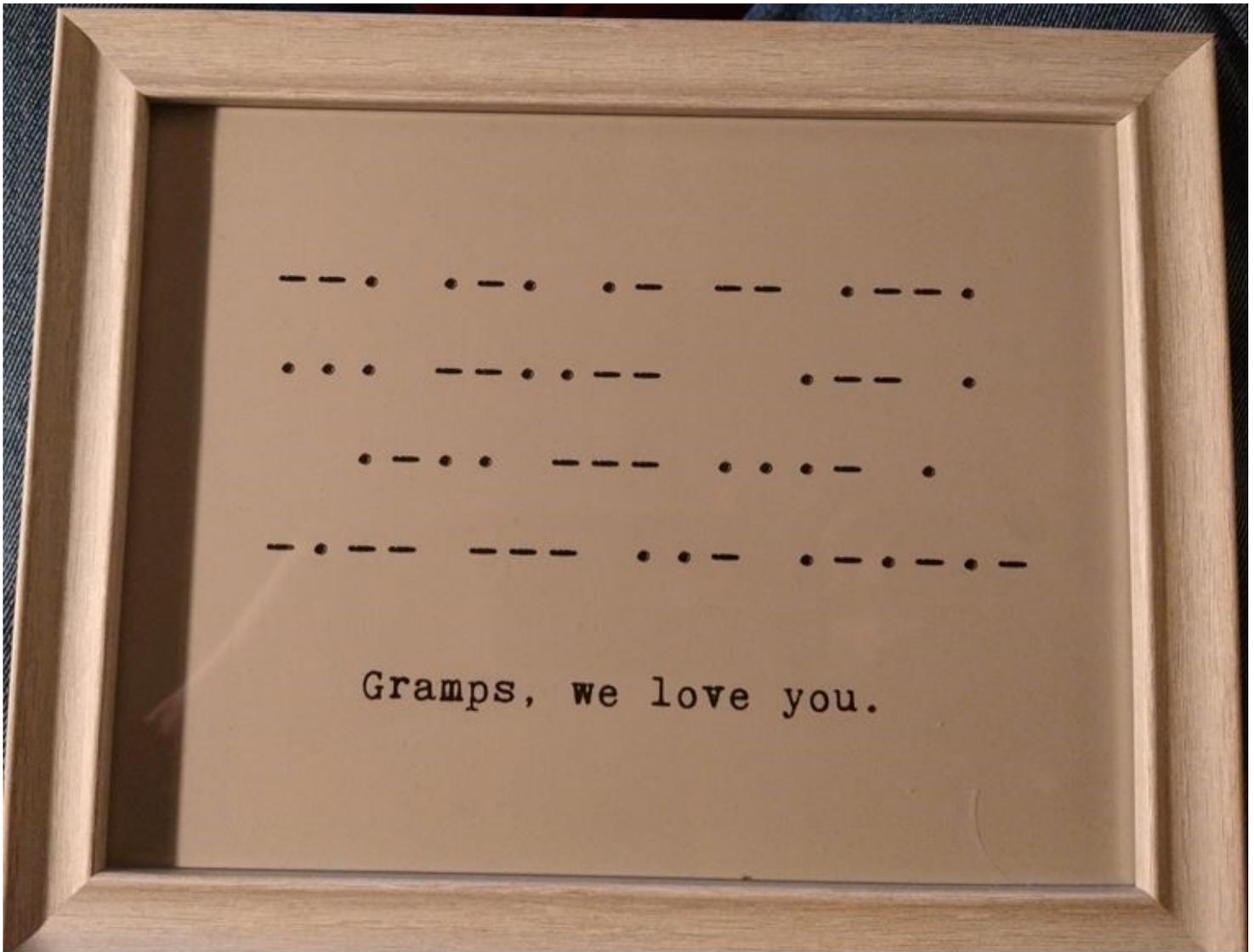
Consider the rewards awaiting you to volunteer for this rewarding and thrilling opportunity. *Hurry because this opening will go fast.* Contact our club president to secure your role in this position. .... ..

Thank you everyone. 73

**CONTRIBUTING EDITOR SUBMISSIONS**

## GUEST ARTICLE

by Alan Parks N7SHA



35 years ago I was teaching my granddaughter CW.

This year for Christmas she gave me this surprise!

Thanks for sharing Alan.

## GUEST ARTICLE

by Rick Hansen N7EGA



Rick asks ...

Have you ever heard about the North America Adventure Frequency?

If not: Check this out:

146.58 MHz

Recently, on the [nasota group](#), there was a discussion about designating an alternative 2m FM frequency for Summits On The Air (SOTA) use (instead of 146.52 MHz). The main driver for this is that 146.52 MHz can get busy with other radio traffic and/or a busy SOTA activation can tie up the calling frequency for a long time.

<https://www.k0nr.com/wordpress/2021/01/north-america-adventure-freq/>

73.

Rick

N7EGA

# GUEST ARTICLE

by Rick Hansen N7EGA

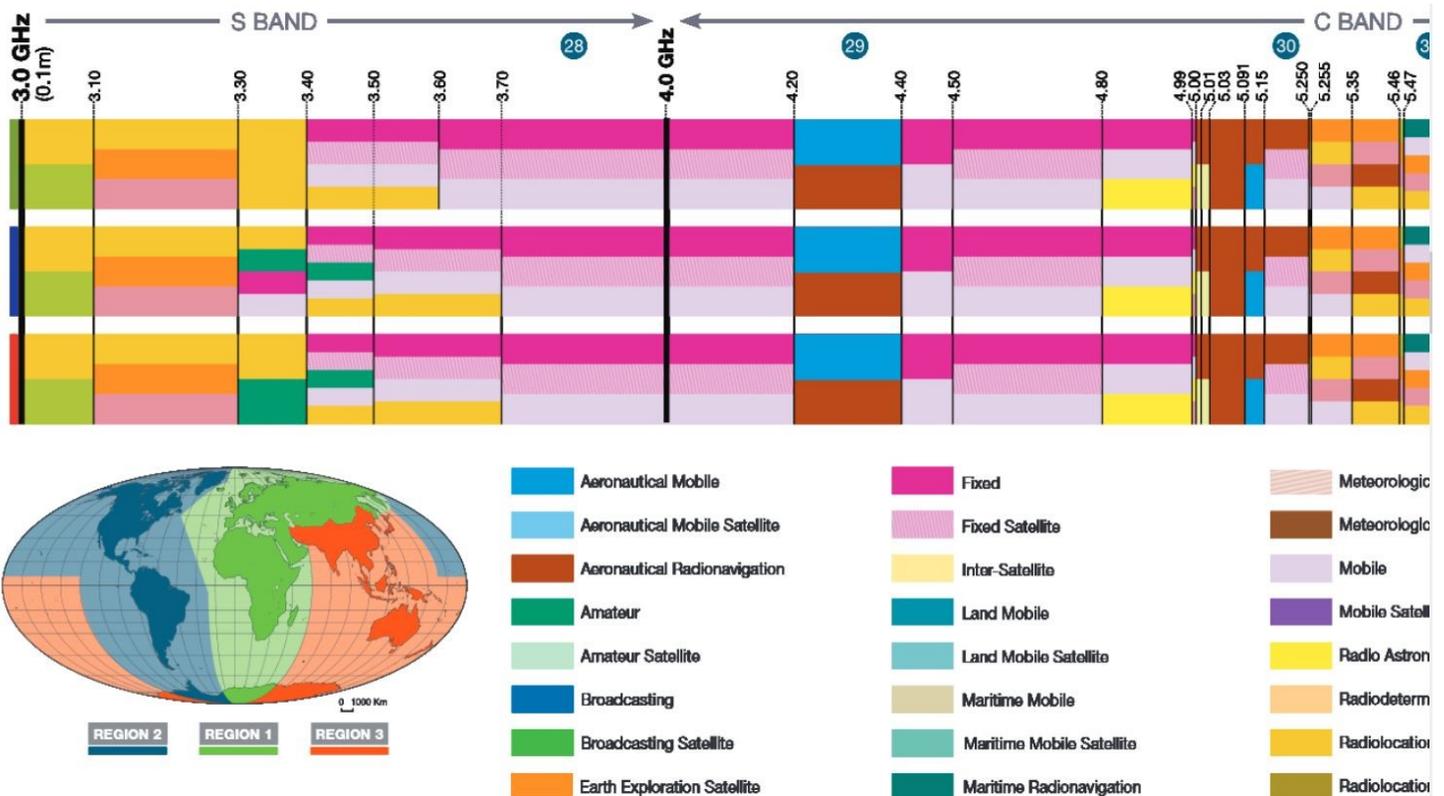


Rick came across this very interesting chart, a chart of the entire radio spectrum allocations across the world, and he wanted to share it with the rest of us.

It is a very large .PDF so be sure to use the +/- Zoom and horizontal/vertical scroll features of your PDF Viewer after clicking on the link to load it from the clubs "downloads" page.

73, Rick

<http://ogdenarc.org/downloads/Radio Spectrum.pdf>



# GUEST ARTICLE

by Dan KB6NU



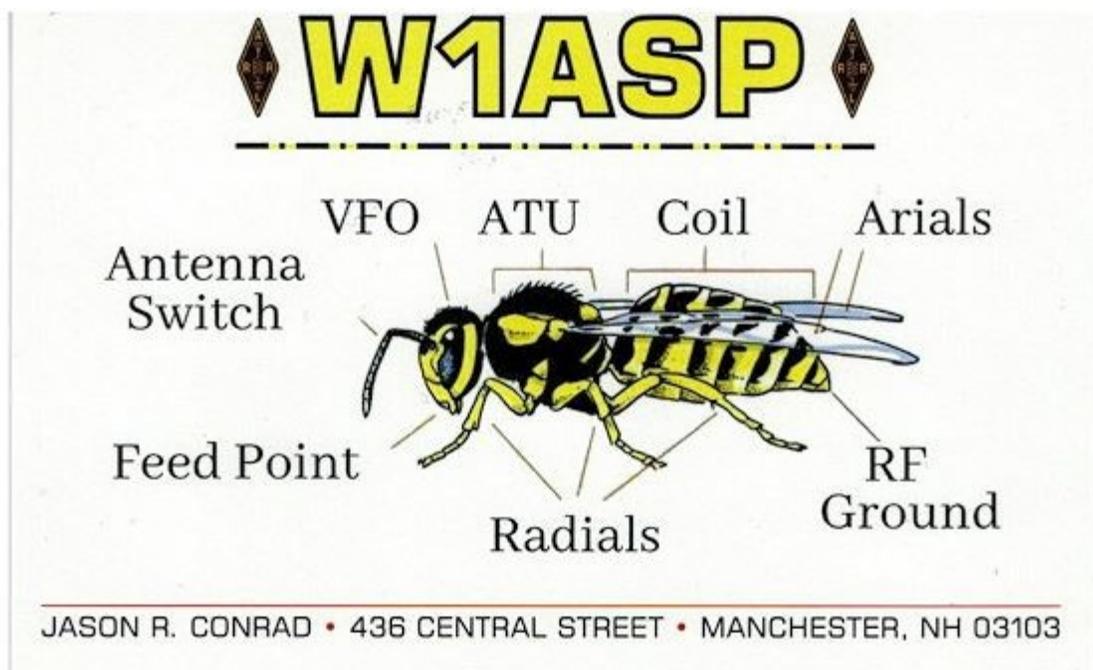
## Winter Field Day

As I often do, I get sucked into contests, if only for an hour or two. This weekend, it was [Winter Field Day](#). I didn't go out and freeze my you-know-what off, but I did operate from a relatively cool basement. (Sometimes, I have to put a cap on down there to stay warm enough.) I only operated for about 55 minutes, but because propagation was so good on 40 meters, I managed to make 50 contacts.

Some observations:

- The vast majority of stations operating were category 1H, meaning that they were operating from their home shacks. I was 1H myself, so I can't really complain about that. Maybe if I do it next year, I'll consider driving out to a park or something and operating from my car at least.
  - I operated all CW, and the speeds were far lower than during the summer Field Day.
- Many of the stations calling were off-frequency. This made it harder to determine if they were calling me or maybe someone else who was near my frequency. My advice: Get closer to the calling station when searching and pouncing.

JANUARY 24, 2022 BY DAN KB6NU — [LEAVE A COMMENT](#)



I like this card because it spells a word two ways: ASP and WASP (if you ignore the number).

Photo essay of WFD at Dixie Amateur Radio Club, St George UT.

Put together by Mac Harmer, K8NG, and is usable by permission from Don Leonard, W7LRP, Dixie ARC president. They scored in excess of 47,000 points. Job well done. 73 de Gil NG7IL

(W7LRP is our NG7IL Gil Leonard's brother)

# Winter Field Day

*January 29/30, 2022*

*At the Old Airport*



**Ham in Charge**

**W7RGS**

## Assistant Ham in Charge

**K8NG**

WFD is over, but the good times and memories live on. Friday January 28 the hardy and willing Hams showed up at 1400 to erect antennas. Mac, K8NG showed up with Dave's, KE7VPU, tower trailer. What a beauty!



This is what it looked like up and ready for WFD



Mike, K7IC is helping.

We then moved onto the Triband HF beam on the Club's tower.



That is a thing of beauty! Notice the rotor which is a great improvement over the ropes we used in the past to rotate the beam.

We then moved on to the 160 meter dipole suspended just under the triband beam.



This antenna was tied to a balanced tuner and was capable of operating on all the HF bands. It really worked well on 40 meters as it had gain which improved our ability to hear and be heard.



Next we erected the Vertical antenna.

The location, directly under the triband beam, turned out to be a bad idea. Operating on the beam took out the station using the vertical so they could not copy the stations they were trying to work.

Finally we mounted the 40 meter OCF dipole from the VHF tower.

The height was great but it ran too close and parallel to the building. This cut our signal and ability to hear.





This is the VHF station with Lance, KI7FIB On 2 M and Dave, KJ7DHI on 6 M. The HF station with the 160 meter dipole is against the wall.

This is the HF triband beam station.



That rotor control sure looks good and it works.



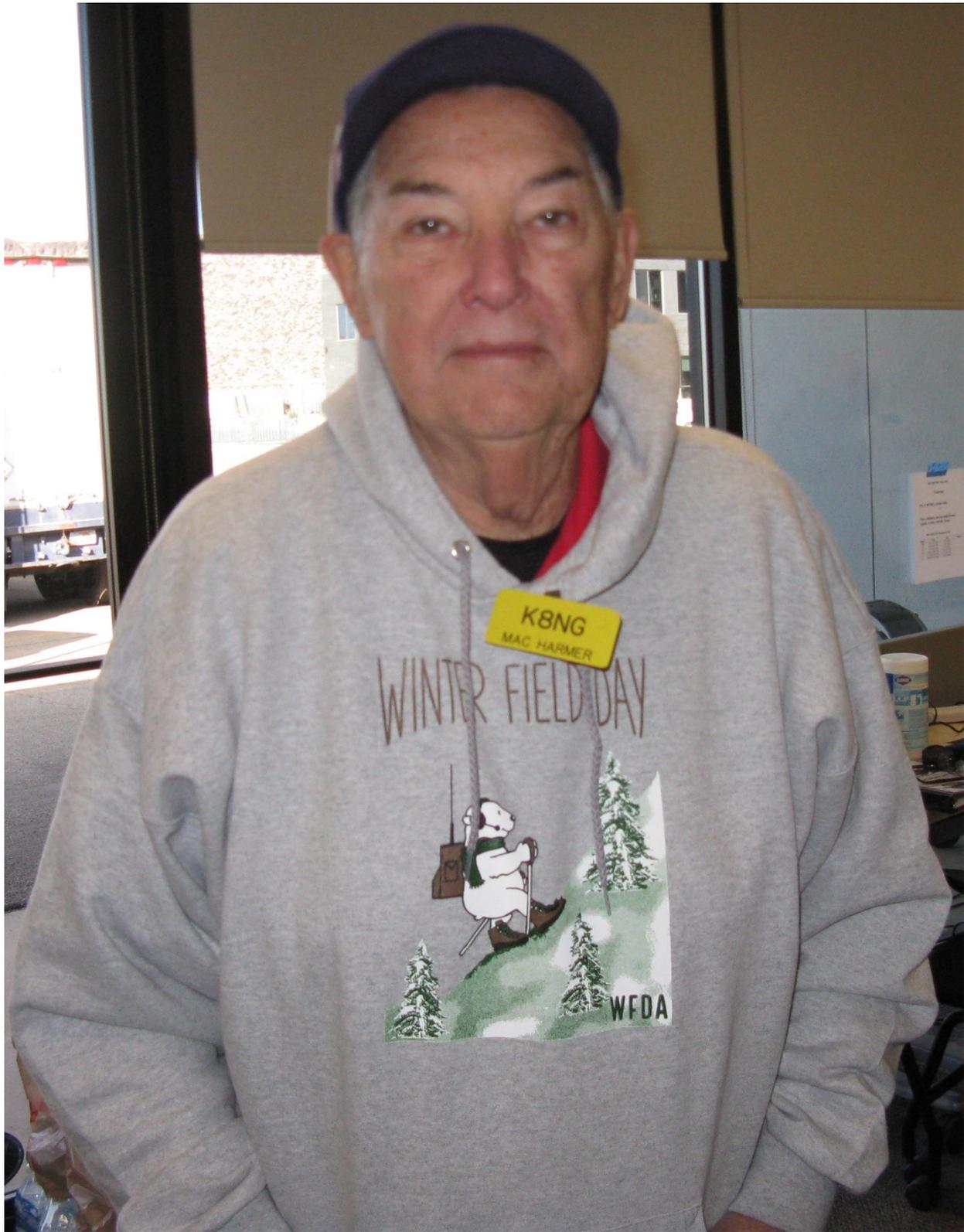
Mike, K7MSS on the digital station. Brett, K&BDP learning something. The digital did not pan out so we put this station on 40M with the OCF and worked a lot more station.



Scott, KI7BH and Colby, K7CFS working 40M on the 160M dipole. Colby is doing double duty on the phone.



Jay, K9VIT and Dan, KI7SLH working 20 meters.

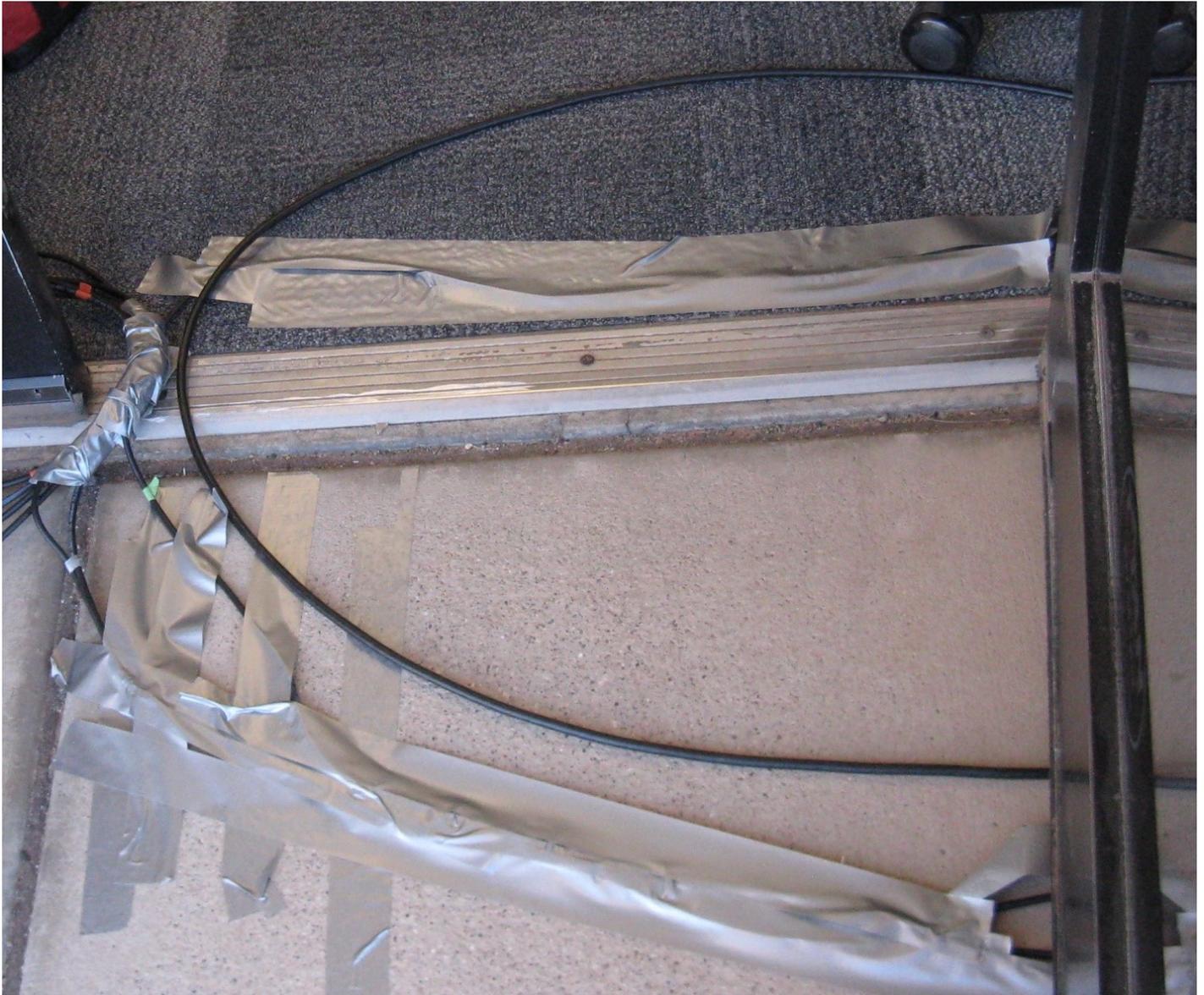


Mac, K8NG dressed for WFD.

The only real problem was getting the coax and rotor control cables into the ham shack.



Trip hazard.



Tons of tape to protect the cables from the door.

We have to do better getting the cables into the building.

Rick has our score.

Submitted by Mac, K8NG.

**Photo essay of WFD at Dixie Amateur Radio Club, St George UT.**

**Put together by Mac Harmer, K8NG, and is usable by permission from Don Leonard, W7LRP, Dixie ARC president. They scored in excess of 47,000 points. Job well done.**

**73 de Gil NG7IL**

(W7LRP is our NG7IL Gil Leonard's brother)



## QRP Operator Logs One Contact per Day for Nearly 30 Years

From August 5, 1994, through December 20, 2021 -- a span of nearly 10,000 days -- ARRL member John Shannon, K3WWP, of Kittanning, Pennsylvania, made at least one CW contact while running 5 W or less to simple wire antennas. That includes one that's in his attic.

Over the course of said 10,000 days, Shannon made 72,190 contacts with 20,098 unique stations. For at least 2,099 of his contacts, his signal traveled 1,000 or more miles per W, while another 24,098 were DX (non-W/VE) contacts made in 224 DXCC entities. He contacted all 50 states "many times over" -- he made 3,819 contacts with stations in Pennsylvania and 63 contacts with stations in Wyoming.

Shannon reports that the DX country he contacted most often was Germany, with 1,934 contacts. By continent, his contact totals ranged from 52,639 with stations in North America to 325 with stations in Oceania, plus 18 with stations in Antarctica. The number of contacts he made on each band used includes 19,279 on 40 meters; 15,459 on 20 meters; 28 on 60 meters, and 39 on 6 meters.

Within his first UTC hour of operation each day, Shannon logged nearly 73% of his daily contacts.

He also experienced a DX streak from March 1, 2013 through August 1, 2018, which was a total of 1,980 days. During this time, he contacted at least one DX station per day.

Shannon said that the greatest satisfaction he's derived from his operating streak is that other hams express that he inspired their interest in, and enjoyment of, CW and/or QRP operating. Shannon said that his greatest satisfaction derived from his lengthy operating streak was having other hams express that he inspired their interest in operating CW and/or QRP, and that they really enjoyed it.

In the early 2000s, he wrote for the "QRP with John Shannon, K3WWP" column in *The Key Note*, the [FISTS](#) CW Club's newsletter. Additionally, his article, "The Streak: 23 Years of Daily Contacts," was published in the August 2017 issue of *QST*.

Shannon said his streak is not over. He intends to continue making daily contacts for 11,000 or 12,000 days. View his website for [more information](#)



## The Volunteer Monitor Program Report for December 2021

01/06/2022

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 December 2021 activity report of the VM Program.

Operators in Center Hill and Coconut Creek, Florida, were issued notices for excessive signal bandwidth on 40 and 75 meters, in violation of Section 97.307(a) of FCC rules. General-class operators in Hudson, Florida; Winterville, Georgia; Provo, Utah, and Bloomfield Hills, Jackson, and Howell, Michigan, received notices for out-of-band SSB operation on frequencies not permitted by their General-class licenses, in violation of Section 97.301 of FCC rules.

Technician-class operators in Baltimore, Maryland; Divernon, Illinois; Moore, Oklahoma; Bradenton, Florida, and Roseville and Rancho Cordova, California, received Notices for FT8 operation on unauthorized 20- and 40-meter frequencies, in violation of Section 97.301 of FCC rules.

Commendations for exemplary amateur radio operation were issued to licensees in these cities: Dahlonega, Georgia (for managing medical and technical issues during the Six Gap Century bicycle race in October); Riverside, California (for operation during the October Earthquake Situational Emergency Test); Swansea, South Carolina (for operation on the SC HF ARES Net); Springfield, Indiana (for assistance to new operators in message handling); Mims, Florida (for exceptional efforts in correcting wideband issues), and Raymond, Mississippi (for exemplary operation during ARRL Field Day, statewide HF and VHF nets, and assistance to new operators).

The totals for VM monitoring in November were 1,901 hours on HF frequencies and 2,784 hours on VHF frequencies and above, for a total of 4,685 hours.

There was one referral from the FCC for enforcement assistance. — *Thanks to VM Program Administrator Riley Hollingsworth, K4ZDH*

**CLUB REFERENCE MATERIAL**

## CLUB REPEATER NEWS



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.

## Club Badges

OARC Club badges are available for all licensed club members.

The cost is **\$12.00** 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 **\$12.00** 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. They are posted here for your viewing pleasure.**

## 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.**

## 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** (Co-Liaison)

**[morrisonri@msn.com](mailto:morrisonri@msn.com)** (801-791-9364)

**Gil Leonard N7GIL** (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.

# 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>Little Mtn</b>
<b>448.575-</b>	<b>OARC</b>	<b>100.0</b>	<b>Little Mtn (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
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

## 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>	1 <sup>st</sup> Thursday 7:30 pm	UofU EMC Bldg Room 101 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

## 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>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	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 @ 7:00 PM</b>	<b>OARC - 10 Meter Net</b>	<b>28.385 MHz USB (all hams invited)</b>
Thursday @ 6:30 PM	Davis Co Elmers Net	147.040 + 123.0 <b>New Hams</b>
Thursday @ 8:00 PM	Weber State ARC	146.820 - 123.0 (coming soon)
Thursday @ 8:00PM	State RACES VHF/IRLP	145.490 - 123.0, 146.680 - 123.0 3 <sup>rd</sup> Thursday - even months only
Thursday @ 8:30 PM	Davis ARES	147.420 = simplex
Thursday @ 9:00PM	Wasatch Back Net	147.360 + 100.0
Saturday @ 8:00AM mst	RACES State HF	3.920 Mhz <b>HF LSB</b> 3 <sup>rd</sup> Saturday – odd months only
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz <b>HF LSB</b>

**73 de W7SU**

**w7su@arrl.net**

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

**PO Box 3353 Ogden UT 84409**