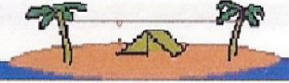


WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

JUNE 2022

Next Club Meeting/Activity/Events

Look Inside



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

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

OARC ADVISORS (past presidents)

Mike Fullmer KZ7O

Kent Gardner WA7AHY

Kim Owen KO7U

Larry Griffin AD7GL

Gil Leonard NG7IL

Jason Miles K7IET

Executive Operations Manager

Val Campbell K7HCP

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

"OARC" web site

Webmaster: Val Campbell K7HCP

Postmaster: Val Campbell K7HCP

Membership Clerk: Val Campbell K7HCP

OARC VOLUNTEER APPOINTMENTS

10m Net Control - Gene Morgan WB7RLX

Antenna Manager – Gene Morgan WB7RLX

Assistant Photographer - Rick Hansen N7EGA

Badge Manager – Barbara Siddle KB7FWW

Club Call Sign (W7SU) Trustee – Larry Griffin AD7GL

Club Elmer – Stan Sjol W0KP

Club Technical Support – Rick Morrison W7RIK

Equipment Loan Program - Val Campbell K7HCP

Equipment Manager - open

FD Log Manager - Jason Miles KE7IET

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

Historian – Kent Gardner WA7AHY

Photographer – open

QRZ Manager – Tim Samuelson KE7DOA

QSL Manager – Pete Heisig AI7GV

Repeater Engineer – Mike Fullmer KZ7O

Repeater Engineer – Scott Willis KD7EKO

Social Media Manager - open

YouTube Videos - Jason Miles KE7IET

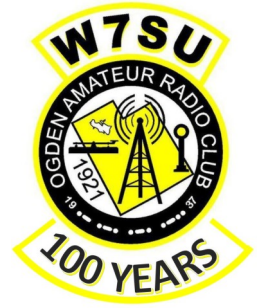
VE (Liaison) Operations – Rick Morrison W7RIK

VE (Assistant) – open

VE (IT) – Jason Miles KE7IET



OARC COMING EVENTS



OARC — June

ARRL Field Day

Sat 25 & Sun 26 June 2022

Most previous VE Test Session

1st Wednesday 01 June 2022

Next VE Test Session

1st Wednesday 05 October 2022 @ 6:00 PM

A MESSAGE FROM OUR PRESIDENT

Dave's Rag Chew



Dave Mamanakis KD7GR

Greetings My Friends!

Some interesting News!

If you look on our Web Page, you will notice a menu item, "Repeaters". Inside, you will find that the Ogden ARC has, historically, been involved with 2 repeater sites, the Little Mountain site (448.575 and 146.820) and the Mount Ogden site (448.600 and 146.900)...

Let me just say, the use and access to these repeaters is going to remain unchanged, but the management and ownership of these repeaters has changes, slightly...

Previously we had an agreement with the Weber County Sheriff's Office for the use and maintenance of the repeaters and repeater equipment. That agreement is now no longer in effect.

What does this mean for our Club and the use of the repeaters? Nothing. You may notice the Mt. Ogden repeaters may change their Call Sign (ID) but other than that, functionally, nothing changes. The Mt. Ogden repeaters are now wholly owned and operated by the Weber County Sheriff's Office and, the Little Mountain repeaters are wholly owned and operated by the Ogden Amateur Radio Club.

Don't let the changes worry you! You shouldn't notice the difference! They are all still open repeaters, free for us to use!

I'd like to thank everyone who came out to Golden Spike!

If you didn't make it, you missed a great event! Every Year we've been up there for the celebration of the Driving of the Golden Spike! Every Year we get to see the trains, contact people all over the country, and share with them a monumentally historic feat that happened just about an hour from Ogden.

We could have used more operators, but the weather was good, if a little chilly...

And we always manage to have a good time!

And, Welcome to June!

June is Field Day! Field Day, this year, is on the 25th and 26th of the month, the last weekend! Field Day is a Readiness Exercise and Contest where we make as many contacts in 24 hours as we can! We'll be on the Club's Generator, and we'll have both radios set up for use with Phone and CW, and maybe even some Digital! We'll have to see what JS8 looks like...

JOIN US! It is a GREAT opportunity to use the radio, hang out, and have fun! We have our Pot Luck Dinner Saturday Evening! The Club will provide Hotdogs and Hamburgers, Chips and Drinks! Bring a side dish or dessert to share!

If you can't make it during the day, FABULOUS! Join us during the night! This is a 24 hour event! Noon on Saturday to Noon on Sunday! And if you are there, Sunday morning... there may be some breakfast...

Don't forget... in July we do the T-Hunt...

It may or may not be in a park... but we will definitely have breakfast! I'm still unclear as to what kind of breakfast we'll have... Bacon? Sausage? Ham? Eggs? Breakfast Burritos? Pancakes? Waffles? We'll figure out something! And it will be totally tasty!

We will also have a \$25 gift card or a cash prize for the person who finds the transmitter first...

The transmitter will be "somewhere" in Weber County... that's all I can tell you!

Information:

The last while we've spent a lot of time talking about Remote Operations, and here we are coming into Field Day...

Field Day is a great time to get a helping of Remote Operation! That is what it is!

One thing that we should always worry about, be it Field Day, POTA, SOTA, or any other Remote Operation, is how our radios and antennas perform.

Our SSB signal should only be about 3 kHz in width. Which means, barring any spurious emissions, 2 stations can operate in the same frequency space, fairly close together...

But, if your radio or your antenna aren't set up correctly, it is possible you can wipe out every signal for most of a band.

Many of the newer radios have waterfall displays that can show how wide your signal is. Just be careful, as you never know who might be trying to use a radio near your location, and you don't want to interfere with their operation... just like you wouldn't want them interfering with your operation. There is, literally, enough bandwidth for everyone (as you will see on Field Day). But it does take diligence on our part to make sure our equipment is functioning properly!

We, the Club Leadership, are here to HELP you. One of the things we want to help you with is AVOIDING any TROUBLE with the FCC... we DO NOT want to see any of our Club Members break any laws, even accidentally!

The operation of our Radio Stations is our responsibility. We need to make sure they are operating properly. And if something is wrong? We're here to help!

PLEASE don't take it the wrong way if someone on the repeater reminds you to ID... you NEED to ID... if you don't, you could get into trouble!

The cat stepped on your PTT button? It happens! Don't be defensive if someone shows up and offers to help close the connection to the repeater! They aren't there to make your life miserable! They just want to help everyone have a good experience. They want to help keep you out of trouble.

Ham Radio should be FUN. It should also be a Continual Learning Experience. I've been in it for several years now, and I'm always learning something new!

If you'd like to help us, in the club, we now have an opening for "Club Photographer"... We've lost a couple of our members to the Great State of Texas... can't blame them! It is a great place... and they have family there. We wish Kathy and Lonnie all the best on their new adventures!

Thank you all for being great members of our Club!

We've done a lot of growing this past couple years, and we'll do a lot more in the future! The only thing constant is change!

--Dave (KD7GR)

CLUB ANNOUNCEMENTS

CLUB ANNOUNCEMENT

Club photographer



Kathryn Sutton— K8RYN

Kathy K8RYN and Lonnie N0INC Sutton are moving to Texas.

As a result OARC is loosing our club photographer.

We have all enjoyed her contribution and her many very special Video Montages.

Thank you for all you did to support OARC. We are going to miss you.

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

Stan Sjol (W0KP), stansjol@xmission.com

Kenny Pronschinske (KI7UFN), kennypron@hotmail.com



Larry Griffin

AD7GL



Stan Sjol

W0KP



Kenny Pronschinske

KI7UFN

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



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)

PREVIOUS CLUB MEETING/ACTIVITY

PREVIOUS MEETING PICTURES

Photos by ... **club photographers**



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

CLUB NEWS

Previous OARC

May Activity

7, 9 & 10 May 2022

Golden Spike Special Event Station W7G

photos [Golden Spike W7G 2022](#)



NEXT CLUB MEETING/ACTIVITY

CLUB NEWS

Next OARC Event

ARRL Field Day

Sat 25 thru Sun 26 June 2022



ARRL Field Day - sponsored by Ogden ARC

4th Weekend June: Saturday 25 June thru Sunday 26 June 2022

Time: 12:00 noon Saturday to 12:00 noon Sunday

Setup = Saturday 09:00 am, Takedown = Sunday 12:00 noon

Location: Marriott Park; 1045 S 1200 W, Marriott Slaterville UT [MAP](#)

Note: Dinner main course and drinks provided

... 5:00 pm Saturday evening.

However ... Please bring a side dish to share (salad, fruit, dessert, side dish, no chips please).

Don't forget to bring your own dinner-ware (paper-ware provided),

ARRL Link: [ARRL Field Day](#)

CLUB & HOBBY NEWS

CLUB NEWS

**Congratulations to those who successfully tested
at the OARC **June 2022 VE Test Session.****

TECH

CALL

Dortzbach, Victoria

tba

Weeks, Matthew

tba

Weeks, Garrett

tba

Schientz, Matthew

tba

CLUB NEWS

Ham Shack Photos

The previous months unidentified ham shack was...

N7SHA

Alan Parks—2nd Station



CLUB NEWS

Ham Shack Photos

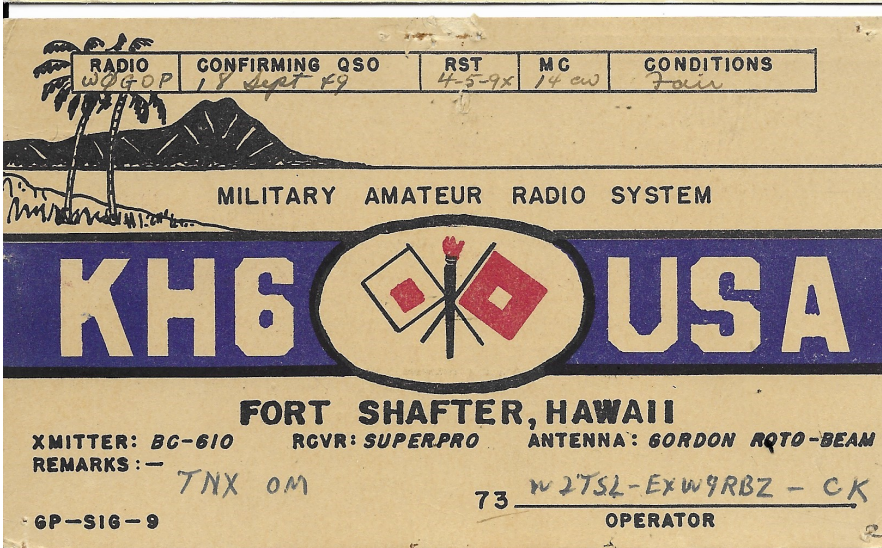
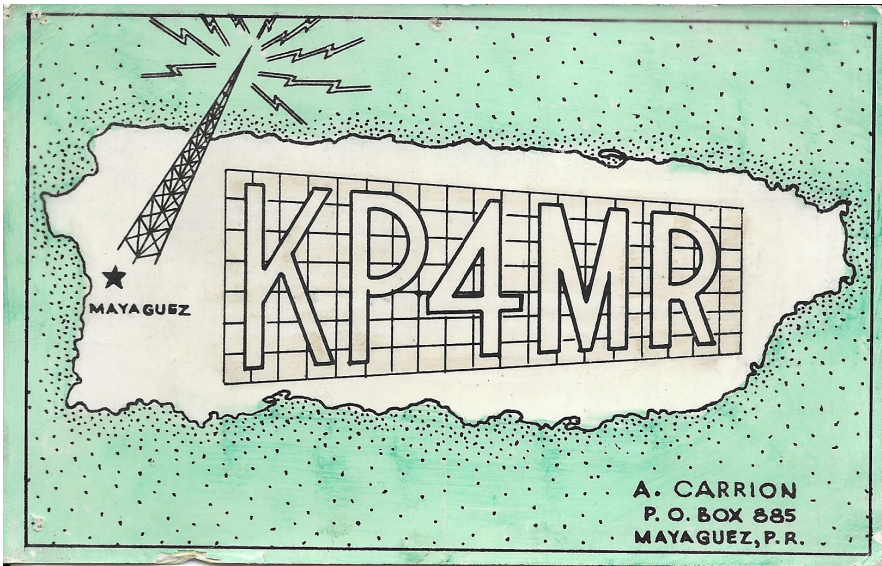
STILL WANTED—STILL NEEDED

Send me your Ham Shack Photos soon!

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

CLUB NEWS

Unique QSL Cards - QSL cards of Evan W0GOP



<<< note the date (18 Sept 1949)

CLUB NEWS

Unique QSL Cards

STILL WANTED—STILL NEEDED

Send me your QSL Card Photos soon!

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

CONTRIBUTING EDITOR SUBMISSIONS

GUEST ARTICLE

by Stan Sjol W0KP



An Experimental Antenna

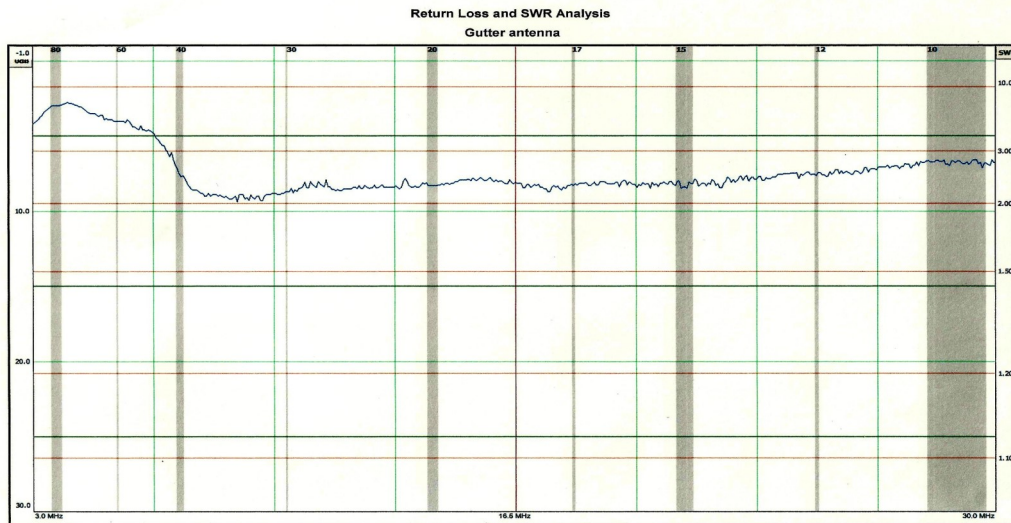
Stan Sjol W0KP

As some of you may know, I enjoy experimenting with different (sometimes unusual) types of antennas. As Gene WB7RLX says, “almost any un-grounded metal object, when fed with the right impedance match will radiate. The only difference is that some radiate much better than others”.

Over the years I have heard stories of people using their rain gutters as antennas. Since I live in an HOA it occurred to me that using the rain gutter as an antenna would be nearly undetectable to the neighbors. The rain gutter on the South side of our house runs the length of the house with a down spout near the front and another near the back.

Because I didn't know the exact length of the gutter and downspouts I surmised that it would not be a half wavelength on any ham band and could be fed like a random wire antenna with a 9:1 UNUN. The UNUN was attached near the bottom of the nearest downspout with a velcro strap. A short piece of wire connects it under the nearest sheet metal screw in the downspout. I added a few snap-on ferrites on the coax to act as a choke.





First, I ran a frequency versus SWR plot with my Fox Delta antenna analyzer and the results showed promise.

While it showed no clear resonant points, it was below 3:1 from 40 meters all the way through 10 meters. This allowed my Icom 7300 to tune it to resonance on all those bands easily.

The next test was to see how it performed on the air. I connected it to my Xiegu G-90 which I use or the FT8 digital mode. I tuned it on 10 Meters and sent a single 15 second CQ. I did not get a response so I went on-line to the PSK Reporter web site to see if anyone had decoded my CQ. It was found that of the hundreds of stations monitoring, only two had decoded my CQ. One of them was in southern Mexico and the other ZL1MVL was in New Zealand. A few minutes later I saw ZL1MVL call CQ so I answered him and he came right back to me. He was a minus 14 to me and he gave me a minus 16 report.

In order to see how the gutter antenna compared to my other antennas, I ran a series of comparison tests using FT8. My other antennas are a ½ sized ZS6BKW (modified G5RV) in the attic and a Cobweb antenna also in the attic. To run the test I would send a single 10 Watt CQ on each band with one antenna, then bring up Psk Reporter to see how many monitoring stations had decoded my CQ. Then I would switch to another antenna and repeat the sequence. The results of these tests are shown in the following chart.

Continued ...

| # of Monitoring Stations That Decoded My CQ | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|--|
| | 10M | 12M | 15M | 17M | 20M | 30M | 40M | |
| 03/16/22 ZS6BKW | 3 | 5 | 2 | 13 | 83 | 22 | 17 | |
| Gutter | 1 | 0 | 12 | 11 | 9 | 2 | 0 | |
| Cobweb | 2 | 32 | 34 | 43 | 106 | X | X | |
| 03/17/22 ZS6BKW | 5 | 2 | 17 | 8 | 74 | 24 | 20 | |
| Gutter | 0 | 5 | 13 | 5 | 48 | 12 | 3 | |
| Cobweb | 3 | 14 | 18 | 29 | 21 | X | X | |
| 03/19/22 ZS6BKW | 2 | 5 | 4 | 16 | 49 | 22 | 25 | |
| Gutter | 0 | 3 | 0 | 4 | 8 | 19 | 8 | |
| Cobweb | 4 | 23 | 20 | 26 | 92 | X | X | |
| 04/15/22 ZS6BKW | 4 | 1 | 10 | 12 | 33 | 27 | 0 | |
| Gutter | 2 | 0 | 1 | 5 | 4 | 14 | 0 | |
| Cobweb | 1 | 10 | 27 | 29 | 22 | X | X | |

From these tests I concluded that in almost every case the gutter antenna does not perform as well as my other antennas.

Now it was time to see how the antenna actually works on the air. For the last few weeks I have been sporadically using it on FT8 using 10 watts to see how many states I could work. As of now I have made 45 contacts including 18 states plus 3 Canadian provinces and Mexico, Most of the states worked seem to be between 1000 and 1500 miles from my location.

The next tests I have in mind are to try using a 49:1 UNUN instead of the 9:1 UNUN to see what the differences are. I also my try insulating the downspout from the rain gutter and just using the downspout as the radiating element.

What this experiment has shown me is that even though you live in a restricted environment, there is always some way to get on the air on HF and make contacts.

Is this a great hobby or what?

Stan WOKP

GUEST ARTICLE

by Gene Morgan WB7RLX



Gene has a new FT8 Utility Program that you can download from the OARC “Downloads” page (tab on the top right of the home page).

Gene many contributions are located on the Downloads page, left hand column, half way down the page.

WSJT-X ALL.TXT Manager

I’m a member of the WSJT-X Developers email alias and because of that I get an opportunity to see a lot of the back and forth that goes on between the developers and the user base. One of the things that recently came up was a complaint about how large the ALL.TXT file can get. One individual claimed his ALL.TXT file was approaching nearly a gigabyte in size.

For those of you who don’t know the ALL.TXT file is a log file that WSJT-X writes its data stream to. In short, all that activity you see in WSJT-X is written to the ALL.TXT file. You can find it by running WSJT-X and clicking on File>Open Log Directory. This file has a lot of uses but for many it’s just a benign file that quietly just grows in size as you run WSJT-X. Yes you can delete it with no ill consequences. But there are many who for whatever reason don’t ever delete it. Some use it for locating QSO for confirmation requests that for whatever reason never made it into the log book. Others just simply collect it and save a copy monthly. Regardless there are those that simply want to manage the ALL.TXT file.

This little utility will greatly reduce the size of your ALL.TXT file by simply removing all entries that do not contain your call sign. The result is it can reduce the size of the largest ALL.TXT file to a manageable size.

There’s really no installation or configuration for this simple little program. Simply down load it from the web site, unzip it and run it. That’s all there is to it.

Gene

(WB7RLX)

GUEST ARTICLE

by Stan Sjol W0KP



7QP 2022 report by Stan Sjol W0KP

Val,

For 7QP 2022 I operated for around 6 hours and made 31 contacts using 5 watts ssb.

Stan

Congratulations Stan. Way to go!

Certificate of Achievement

2022 7th Call Area QSO Party

Presented To

W0KP

Third Place

7th-Area Single-Op QRP Phone


Dick Frey, K4XU
Contest Manager

AOCC
CODXC
GSLCC
SNARS
RCR



Sponsored by The Central Oregon DX Club

GUEST ARTICLE

by Mike Fullmer KZ7O

7QP for 2022

Mike Fullmer, KZ7O



Once a year, on the first weekend of May, the 7th area Amateur Radio call district (Utah is part of this) has what is called a QSO party.

A QSO party is a HF radio activity/contest, where ham radio operators compete with each other by making contacts with other stations. The special emphasis of this contest is to contact stations in as many different counties or Burroughs or similar geographic area in a state as possible.

For example, let's say the state of Idaho was having a QSO party. A station in Iowa would try to contact stations in as many of the counties in Idaho as possible. There are 44 counties in Idaho and so the station in Iowa would try to make as many contacts as possible with stations in Idaho while also trying to make contact with as many of the counties as possible. When the contest is over, a score is tallied. Points are awarded for each contact in the state of Idaho. But then there is what are called "multipliers". This is a number that is used to multiply the contact number by. The multiplier is commonly the number of different counties. For example, if the Iowa station contacted 100 stations in Idaho in 30 different counties, then the score would be 100×30 or 3000 points.

Note, that if the Iowa station made contact with just one more county, 31, his point score would be 100×31 or 3100. That is 100 more points. It would take 3 more contacts to equal one more county. The number of counties is more important than the number of contacts. So, it is important to get as many contacts as possible but even more important to contact as many counties as possible. Then there is another special scoring option. Typically, if the contact is made using CW or a digital mode the contacts count for 2 or sometimes 3 points, not just one. The exact ratios vary for each QSO party activity, but they all encourage using other modes of contacts besides just SSB or phone.

Now, for those living in Idaho, it is desirable to be able to have a radio operator in each county, since the number of counties is so important. This is not always easy to do, however. Some of the Idaho counties do not have very many licensed ham operators in them with HF ability. To help this, some radio operators travel to and set up portable stations in some of the less populated counties and operate from there for the contest. This would be called "activating" the county. This would be what we also call an "expedition style" of setup. Some radio operators travel during the contest to 3 or 4 different counties and "activate" these counties. These radio operators are commonly call a "rover".

Not only is the station in Iowa competing with other operators from other stations outside of Idaho, but the stations in each county in Idaho compete with others in that county. For some "not very active" counties there is not a lot of competition, because there may only be one radio operator in the entire county on the air for the contest. Not much competition, but it really helps the stations outside of the area trying to get as many different counties as possible.

There is one other special category that is fun. It is a county line operation. If a station is set up, right on a country line, they get to count each contact as two contacts, one for each county. A special condition is when a station can be setup on the corner of 3 counties. There are not very many of these, but I have known some operators to actually find a 3 county corner to do this.

So, now that I have described what a QSO party is, let's bring it to Utah. Not all 50 states have their own QSO party and Utah is one of those that does not. For Utah, they are part of the 7th call district. They join with others from the entire 7th call district to participate with a 7th call district QSO party. The states for the 7th call district are: Washington, Oregon, Idaho, Utah, Wyoming, Montana, Nevada and Arizona. On the first weekend of May, the entire 7th call district gets together and tries to activate as many counties as possible in the 8 states and make contacts on the various HF bands. It just so happens that the New England QSO party is the same weekend. This 7th call district QSO party has become known as 7QP for short. The scoring, rules, and other misc. things are all on the website. Just do a search on 7QP and you will find the website.

A few years ago, I decided that it would be fun to participate in this 7QP activity by "activating" some other county in Utah besides my home county. I am not a serious contest operator but enjoy the outing. I live in Weber County and there are lots of HF operators in Weber County. But there are some counties in Utah with not very many radio operators, or even very many people for that matter. This has been a fun activity to set up my HF station in some out of the way places and make contacts. This year, in 2022, I decided to operate in far west central Utah. I operated on a county line and a state line. I operated on the Utah/Nevada border which was also the county line of Millard County, Utah and White Pine County, Nevada. Because I was on a county line, I got to count every contact as two contacts, one for each county. The stations that I contacted also got to count it as two contacts.

To get there, you drive to Delta, Utah and then go west on highway 50. This stretch of road is known as the "Loneliest Road in America". If you have traveled this road, you would understand where this name comes from. At the Utah/Nevada border there is a small motel/casino called the Border Line Inn and Casino. The office and casino are on the Nevada side of the border. The motel rooms are on the Utah side of the border. The state border goes right through the middle of the facility. Look on Google maps and you can see the place. My wife and myself stayed in the motel. I setup the antenna directly south of the rooms and just slightly inside the Utah side of the border. The 7QP rules allows me to be within 250ft of the border and count it for both counties. I was about 150ft on the Utah side. I talked to the motel management a couple of months before to ask if I could do this. They told me it was fine and that I was not the first person to do this.

I setup a 22ft homemade vertical antenna with an automatic antenna tuner at the base of the antenna. The antenna has lots of ground radials, 16 to be exact. I parked my truck about 50ft away from the antenna and ran a coax line to the truck. In past years I setup a canopy against the back end of the truck and put up a folding table. I would sit in a folding chair. But, 4 years ago, we had a high wind gust that came up Saturday afternoon and destroyed the canopy. Then last year, the same thing happened, but we got lucky and got the canopy down before the gusting wind destroyed it. This year I spent a little time and made a table shelf that mounts in the cab of the truck. It sits on the dash, bends over the steering wheel and opens to a nice shelf. I sit in the driver's seat, with it pushed all the way back. The seat is a lot more comfortable than the lawn chair and the radio and computer are protected. I can leave the door windows down and then roll them up if the weather gets bad. It is a good thing I did this because another gusty wind came up mid Saturday afternoon. It was so strong that I saw the wall of sand heading our way. I quickly rolled up the windows and was mostly protected by the time it hit.

Total white out. I could not see anything outside for about 30 seconds. It blew away and the antenna was still standing. If I would have been under my canopy it would have been 5 miles away in a tangled mess of metal poles and the radio and computer would have been filled with sand.

I operated from about 8:30AM on Saturday till around 5pm. That was enough. I made 65 contacts, but they each counted as 2 because of the county line. Not a lot of contacts, compared to some years, but better than I did last year at Bear Lake. But, I had fun. I only made SSB contacts. I operated on 40, 20, 15, and 10 meters. Only 1 contact on 10 meters, a station in Arizona. Most of the contacts were on 20 meters. The bands were not very good that day. I made most of my contacts with other stations in the 7th call area, which was a little strange for 20 meters. Finally, the northeast opened up later on Saturday and I worked a number of stations there. I did not make a single contact with any of the southeast states. There was no propagation to Florida, Georgia or other states around there.

It is a good thing I log using UTC time. Nevada is on Pacific time. Utah is on Mountain time. But what if you are on the border? I had not taken that into account. Great Basin National park is 10 miles away. We visited there on Friday. It is on Nevada time. I wondered why the visitors center did not open when it was supposed to, until I figured out they were on Nevada time. The motel operates on Nevada time. We ended up trying to keep on Utah time and just converted the time. My cel phone changed to Nevada time, but thankfully my watch stayed on Utah time.

My portable station consists of the vertical I described above. The radio is an older Yeasu FT-100D. The remote antenna tuner is made by LDG. I used a laptop for logging. I operate the station on a single 50 amp-hour battery. I operate the laptop all day on another 50 amp-hour battery. I have a 12v power supply for the laptop that converts the 12v to the required 18v. Its internal battery will not last all day. I use N3FJPs logging program. This takes into account the county line operation and automatically logs two contacts for me, one from each county. The FT-100D talks to the laptop. This is the first year I have made this connection. In the past I have been known to forget to change the operating band in the logging program and had to manually change the contact details. I take one extra battery as a backup, but so far I have not needed it.

Some of the stations I worked had a hard time logging me twice in their log. Most logging programs can accommodate this, but it may not be easy to figure out how to get the program to do it. I had one station that only wanted one contact, not two. He made me decide what state he should put in his log. I told him Utah since I was on the Utah side of the line.

My wife and I have combined these outings with other activities. For example, this year we went through tours in two different caves on Friday. Lehman Caves (at Great Basin National Park), and Crystal Ball Cave which was about 30 miles north of the motel on a gravel road. There are very few restaurants where we were at. One Mexican food truck in Baker and the motel where we stayed. That is it for dinners. So, we drove the hour into Ely on Friday night just to eat dinner. Ely is the closest city besides Baker. There is one small Mexican restaurant in Baker, NV, right near the park. The only other place is where we were staying. So, we drove an hour for dinner.

It was so much fun that I will probably find another new location for 2023. If you want a new HF challenge and adventure, give it a try next year.

--

Mike Fullmer KZ7O

GUEST ARTICLE

by Kent Gardner WA7AHY



OARC MEMORIES

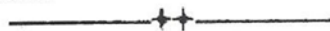
Ogden Amateur Radio Operator's Club and a Watermelon Bust

Ogden Radio Club Fetes 20 Members Of Salt Lake Unit

Constituting the first official function of the newly organized Ogden Amateur Radio Operators' club, 20 members of the Utah Amateur Radio club from Salt Lake City were entertained Sunday.

W. D'Orr Cozzens, chief engineer of KLO, and vice-president of the Ogden club, conducted the groups through the KLO transmitting station during the afternoon. The clubs toured six of Ogden's fourteen amateur radio stations. Refreshments were served at KLO and a watermelon bust followed. A baseball game was played at Becker's field.

Victor Drabble is president of the Ogden club, Calvin J. Pitt is secretary, and Ted M. Olsen is treasurer. The club was organized to stimulate interest in amateur short wave radio equipment, and will meet twice monthly. Next meeting will be held September 3. The club now numbers about 15 members.



The good ol' days are reflected in the above newspaper article. How would it have been to be so informal in 1936? This was before World War II and during the Great Depression. I knew of the article's existence, but I could not find it to include it in our 100th anniversary historical documents. I made reference to it, but could not produce it to verify the content.

When I did have the copy several years ago, I thought it may have been fun to duplicate the KLO tour, the watermelon bust and the baseball game. I called KLO main offices that are now in Salt Lake City. When I called, I had in mind to tour the antenna site in the Farmington Bay area West of the freeway. I found that they no longer allowed tours of either the studios or the antenna site. So much for that idea. Does anyone know where Becker Field is where they played baseball?

Note that Victor Drabble was President of the "Operators Club" as listed in the application for ARRL membership document below. It is dated November 1936 and the KLO article was from August of 1936.

HIRAN PINNEY MAXIM, PRESIDENT
CHAS H. STEWART, VICE-PRESIDENT

KENNETH B. WARNER, SECRETARY & GENERAL MANAGER

F. E. RANDY, COMMUNICATIONS MANAGER
A. A. HEDERT, TREASURER



THE AMERICAN RADIO RELAY LEAGUE

INCORPORATED

CABLE ADDRESS
QUIST, HARTFORD
OFFICIAL ORGAN. QST
KENNETH B. WARNER, EDITOR

RESOLUTION OF AFFILIATION

Organization Ogden Amateur Radio Operators Club
Address Ogden Utah (Weber County)

WHEREAS, this organization has been invited by the American Radio Relay League, Inc.; to become affiliated with it in its work, and is willing to cooperate with the League in its activities in amateur radio operation and desires to become associated therewith, and is aware of the mutual benefits to be obtained through such an alliance, be it

RESOLVED: That this organization hereby requests affiliation with the American Radio Relay League and agrees to engage actively in the radio work of the A.R.R.L. through the stations of its several members and under jurisdiction of the recognized officials of the American Radio Relay League, to the extent permitted by the laws of its country.

- (1) This organization has 20 members.
- (2) The number of our club members licensed by the government is 20.
- (3) Of the number of licensed amateurs in the club 8 are also members of the A.R.R.L.

DATE November 23-1936 President Victor Drabble - W6L4H
Address 1024 Oak St. Ogden Utah
Secretary Del Cook
Address 3606 Adams Ave.

(A copy of your constitution and by-laws shall accompany this application. Purpose of the organization shall be stated in the absence of constitution and by-laws.)

Speaking of KLO: the following article written for Watts News mentions KLO.

This happened about 30 years later. While it does not mention baseball or watermelon busts it is still a fun part of club history. The entire article can be found on the main club webpage under "About History/OARC". Look for ARCS-6. John Gaz K7DOT remembers:

RFI Nightmares



KLO's Bob Payne remote broadcast booth at Rusty's Drive-In

Our usual hang out was Rusty's Drive-In, 3955 Riverdale Road. During those days KLO Radio Station had a broadcast booth set up at the far South end of their parking lot. Customers parked in stalls facing in toward the center of the business and car hops would deliver orders from the kitchen area to the people in the parked cars. A few of us would decide via QSO to meet there for some drinks or food and would visit from car to car while we waited for our food to arrive.

One evening I was in the parking lot QSOing with others when the Disk Jockey by the name of Bob Payne came running out of his broadcast booth and frantically told me the following: "This evening we have a new client who purchased a radio spot on their radio station." It had been prerecorded earlier that day and was being played for the first time that evening. The new clients were listening in on the KLO broadcast only to hear the first part of their ad covered over with our transmissions (QSO's) coming over the AM radio. In an excited voice, he told me our QSO had just ruined their advertising. I was the only one there that the DJ knew so he asked if we would all stop transmitting, as one of our car's 6-meter radios was feeding into their telephone lines or remote broadcast equipment. I got the word out and we all went QRT until we got a few blocks away. We didn't go back to Rusty's so much thereafter. We chose other drive-ins such as The Blue Onion at 1265 E Country Hills Drive or Combe's at 385 E. 12th Street. Those other drive-ins didn't have remote broadcast booths or a TV set running and we never received a complaint of broadcasting over their jukeboxes.

TNX Kent Gardner, WA7AHY



New FCC Application Fee Will Not Apply to Amateur Radio License Upgrades

04/04/2022

The Federal Communications Commission (FCC) staff has clarified in response to an ARRL request that the new \$35 application fee will not apply to most license modifications, including those to upgrade an amateur radio licensee's operator class and changes to club station trustees. The FCC staff explained that the new fees will apply only to applications for a new license, renewal, rule waiver, or a new vanity call sign. As previously announced, the new fees take effect on April 19, 2022.

"We are pleased that the FCC will not charge licensees the FCC application fee for license upgrade applications," said ARRL Volunteer Examiner Coordinator (VEC) Manager Maria Somma, AB1FM. "While applicants for a new license will need to pay the \$35 FCC application fee, there will be no FCC charge for future upgrades and administrative updates, such as a change of mailing or email address. Most current licensees, therefore, will not be charged the new FCC application fee until they renew their license or apply for a new vanity call sign."

ARRL previously [reported](#) that the new \$35 application fee for amateur radio licenses will become effective on April 19, 2022. Further information and instructions about the FCC Application Fee are available from the ARRL VEC at www.arrl.org/fcc-application-fee.



MAYBE THERE IS JUSTICE AFTER ALL—(your editor)

Tuesday, April 19 is the day the FCC [application fees](#) became effective for amateur radio.

4/22/2022 (midday)

FCC Not Processing License Applications and Exam Session Files

The ARRL Volunteer Examiner Coordinator (VEC) reports that the FCC Universal Licensing System ([ULS](#)) electronic batch filing ([EBF](#)) system has been down since midday Tuesday, April 19, 2022, which is the day the FCC [application fees](#) became effective for amateur radio.

On Wednesday, in a notice to all [VECs](#), the FCC asked them to refrain from submitting any session or application files while they work to resolve the issue.

ARRL VEC Manager Maria Somma, AB1FM, said the FCC did not estimate how long the system would be down. Some applications were processed through the system before the FCC notice was released to the VECs.

Applicants should expect delays with license and application processing.

ARRL VEC will provide an update when the FCC communicates that the filing system is back online.

Updated 4/22/2022 (PM)

The ARRL Volunteer Examiner Coordinator (VEC) reports that the FCC Universal Licensing System ([ULS](#)) electronic batch filing ([EBF](#)) system is back online and functioning normally. VECs may resume transmitting sessions and applications. The backlog of files will be processed through the system.

4/27/2022

On Wednesday, April 27, in a notice to all [VECs](#), the FCC again asked them to refrain from submitting any amateur radio exam session or license application files while the Commission works to resolve an issue with the Universal Licensing System ([ULS](#)) application filing system.

The [ULS](#) application filing system was not functioning properly last week and then the FCC indicated the problem was resolved, as previously reported by ARRL.

However, this was not the case, as no new amateur radio call signs and licenses have been issued since Monday, April 18, 2022.

----- CONTINUED -----



05/09/2022

Updated 5/9/2022

The ARRL Volunteer Examiner Coordinator (VEC) reports that the FCC Universal Licensing System ([ULS](#)) electronic batch filing ([EBF](#)) system is back online and functioning normally. A message sent by the FCC ULS EBF Team to VECs explains that the technical issues with ULS EBF filing are resolved, and that VECs may resume submitting files containing amateur radio license applications. ARRL VEC has submitted most of the backlog of its files for applications processed on, or after, April 27, and expects to have all of the backlog submitted by the end of the day (May 9).



If you are planning on upgrading your license or if you know someone that is planning on getting their first license you may want to consider that the ARRL has created an ARRL Learning Center - in conjunction with "Ask Dave", a popular QST magazine monthly article. I think this has a lot of potential. Check it out.

I have it posted the links to it on the OARC "Licensing Classes and VE Testing" tab of the OARC website home page.

Val Campbell—K7HCP

ARRL Learning Center - "Ask Dave"

[Technician Class Instruction + You Tube Videos](#)

[General Class Instruction & Videos](#)

[Extra Class Instruction & Videos](#)

O'bay Swap

(repeat)

SWAP ITEM # 225

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

REFER TO CHART: Donation Inventory

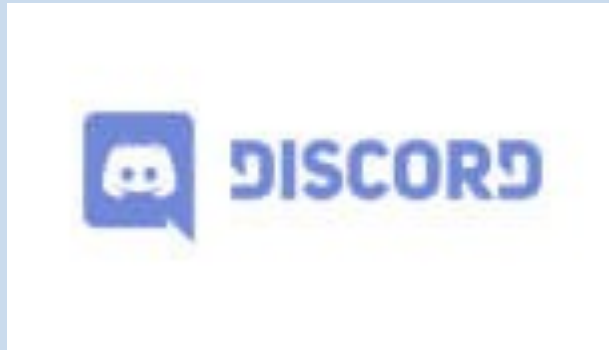
ASKING PRICE: \$ make offer \$ (as a donation to your club)

CONTACT: Gene Morgan WB7RLX, 801-540-4907, ee_morgan@outlook.com

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

OARC Discord Page

Repeat notice



Did you know that OARC has a Discord page ?

What is a Discord Page you ask?

It is OARC's new discussion group site.

Just click on the icon on the bottom of the club website home page to join and visit OARC's ongoing discussion threads. Check it out!

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.

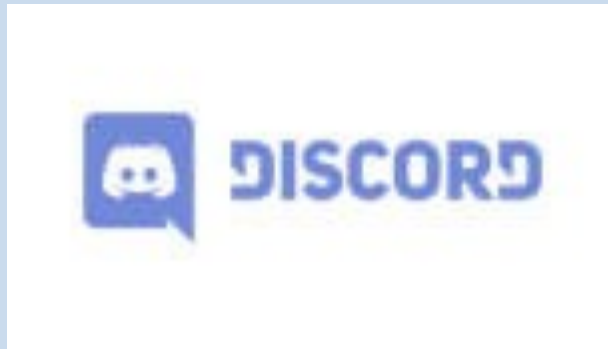
The cost is **\$12.00** each. The badge comes with a “MAGNETIC” clip. Badge includes your Call Sign in large letters and your First Name in a somewhat smaller font in white lettering on a pitch black background with the club logo. See example below.



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 Discord Page



Did you know that OARC has a Discord page ?

What is a Discord Page you ask?

It is OARC's new discussion group site.

Just click on the icon on the bottom of the club website home page to join and visit OARC's ongoing discussion threads. Check it out!

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 (Co-Liaison)

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.

AREA CLUB MEETINGS & WEB SITES

| CLUB | WEB SITE | DATE/TIME | LOCATION |
|------------------------|--|---|--|
| OgdenARC | ogdenarc.org | 3 rd Saturday 09:00 am | Check OARC web site ... |
| WC Sheriff Comm-O | | 1 st Saturday 10:00 am | Weber Co. Sheriff Complex West 12 th Street Ogden Utah |
| Barc | barconline.org | 2 nd Saturday 10:00 am | Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut |
| CSErg | dcarc.net /ares.htm/ | Last Wednesday 8:30pm | Clearfield City Hall Clearfield Utah |
| DCarc | dcarc.net | 2 nd Saturday 10:00 am | Davis Co. Sheriff Complex Farmington Utah |
| NU Ares | home.comcast.net/ ~noutares/ | 3 rd Wednesday 7:00 pm | Cache Co. Sheriff Office Logan Utah |
| Uarc | xmission.com /~uarc/ | 1 st Thursday 7:30 pm | UofU EMC Bldg Room 101 Salt Lake City Utah |
| UVarc | https://uvarc.club | 1 st Thursday 6:30 pm | Orem City Council Chamber Room 56 North State St. Orem Utah |
| GSarc | Ubetarc.org | Check Website | Check Website |
| Utah DX Association | udxa.org | 3 rd Wednesday check web page for details | check web page for details Salt Lake City area |
| UvhfS | ussc.com /~uvhfs/ | Each Tuesday 8:00 pm (refer to web site) | Weekly 2 meter net (no eye ball meetings) |
| WDArc | westdesertarc.org/ | 1 st Tuesday 7:00 pm | Tooele County Courthouse Tooele Utah |
| WsuArc | https://groups.google.com/forum/#! forum/wsuarc | 3 rd Thursday 5:30 pm | WSU Blding #4 Room ? Ogden Utah |

Club Web Site

Be sure to visit our club web site.

www.OgdenARC.org

Club membership is open to anyone interested in Amateur Radio. You do not need an amateur license to join us. Dues are used to operate the club, field day activities, and repeat-er equipment maintenance.

Club Call Sign

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

W7SU

OARC is 100 years old

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

| OARC REPEATERS | | | |
|--|---------------------------|----------------|----------------------------------|
| (*) Yaesu Fusion digital/FM compatible | | | |
| FREQ | CLUB | TONE | LOCATION |
| 146.900- | OARC (*) | 125 DCS | Mt Ogden (w/WiresX) |
| 448.600- | OARC (*) "talk-in" | 123.0 | Mt Ogden |
| 146.820- | OARC (*) | 123.0 | Little Mtn |
| 448.575- | OARC | 100.0 | Little Mtn (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 |
| 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 |
| | | |
| 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 | CSEGR | 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 @ 7:00 PM | OARC - 10 Meter Net | 28.385 MHz USB (all hams invited) |
| Thursday @ 7:30 PM | Davis Co ARES | 147.420 = simplex & 449.925 -100.0 |
| Thursday @ 8:00 PM | Weber State ARC | 146.820 - 123.0 (coming soon) |
| Thursday @ 8:00PM (3rd Thurs) | State RACES VHF/IRLP | 145.490 - 123.0, 146.680 - 123.0 |
| Thursday @ 9:00PM | Wasatch Back Net | 147.360 + 100.0 |
| | | |
| Saturday @ 8:00AM mt (3rd Sat) | RACES State HF | 3.920 Mhz HF LSB |
| Saturday @ 11:00AM mst | QCWA net HF | 7.272 Mhz HF LSB |

73 de W7SU

www.OgdenARC.org

w7su@arrl.net

PO Box 3353 Ogden UT 84409