



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

DECEMBER 2017

Next Club Meeting/Activity

Christmas Family Dinner



Jason Miles KE7IET
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Jerry Cottrell KG7IGW
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Program Director



Dave Mamanakis KD7GR
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETING/ACTIVITY

November Meeting

3rd Saturday 18 November 2017

9:00 am

Riverdale Fire Station

Topic:

“Kit Building”

By Jason Miles KE7IET

NEXT CLUB MEETING/ACTIVITY

December Activity

3rd Saturday 16 December 2017

5:00 pm

Golden Corral—Ogden

OARC Christmas Family Dinner

\$300 in door prizes

PREVIOUS MEETINGS PICS

Club Photographer ... Ceva Cottrell KE7IEV





From the Shack of KE7IET



Jason Miles KE7IET

From the Shack of KE7IET

Instead of our normal club meeting in December, we would like to invite you to join us at the family holiday dinner. It will be held on Saturday, December 16th at 5 p.m. at Golden Corral near 12th Street and Washington Boulevard in Ogden. We have quite a few prizes lined up: two 25W dual-band mobile radios (for paid-up members), four dual-band J-pole antennas (for paid-up members), and two Amazon gift cards.

Although I feel like you've heard enough from me from November's club meeting, I wanted to share some thoughts on a few vocabulary terms.

"Amateur"

Our hobby is officially known as the "amateur radio service". What does "amateur" mean? There are a couple of definitions. One refers to individuals or organizations who are unskilled, inexperienced, or inept. Let me assure you that this definition does not apply to our hobby. The word's origin is actually the Latin word for "lover". The word "amateur" also (and more appropriately) refers to someone who does something for the love of it, not for money. This definition is codified in Part 97 of the FCC rules. We are not allowed to accept compensation when operating as amateurs. Why do we do it? Because we love it.

"Ham"

There has been much speculation about the origin of the term "ham" when referring to amateur radio operators. I can't claim to know for sure, but the explanation that makes most sense to me comes from animosity that apparently existed between professional and amateur radiotelegraphy operators in the early days of radio. From what I've read, the professional operators of the time believed that amateur operators were less skilled. The professional operators called the amateurs "hams", as in "ham-fisted". While it started as a term of derision, people don't use it that way anymore. The amateur radio community has adopted the term as its own.

"Impostor Syndrome"

Apparently, this phrase originated in the late 1970s, although I hadn't heard of it until recently. The Wikipedia article on impostor syndrome (as retrieved on 12/2/2017) describes it as the following: "Despite external evidence of their competence, those exhibiting the syndrome remain convinced that they are frauds and do not deserve the success they have achieved." When I've heard it used, it described someone feeling out of place in a group where he or she legitimately belongs.

Why the vocabulary lesson?

I would like to emphasize the significance of earning an amateur radio license. The term "amateur" here can't possibly refer to a lack of skill because you have to pass an exam to earn the right to that title! Even if you passed the exam by memorizing the questions and answers in the question pool, you still know more about radio physics, rules, and operation than most of the world's population.

Hopefully you feel welcome in the club. We have members who have held licenses for decades and have worked their entire careers in related industries. We also have members who just passed the exam and have come with a simple handheld transceiver. We need you all! We need you to ask questions and share your experiences. Both you and others will benefit from the resulting dialogue.

If you feel out of place or anxious because of lack of experience, that's OK. I felt that way, too. When I first started coming to club meetings, I had already had my license for five or six years. I hadn't done anything with it since I got it, and I had forgotten much of what I learned. Nobody judged me for that. I've been pleased with how helpful and open the club has been. We try to make time to help and answer questions. We also try to tailor events to get people operating radios, regardless of their experience level.

To put it succinctly, we need your participation. We'll be celebrating the club's 100th anniversary in a few years, but its future depends on its members. There are plenty of ways to help:

Come to Field Day, even if its only for a little while.

Operate at the Golden Spike Special Event Station. Even if you hold a Technician license, you can still operate under the club's call sign if a General or Extra licensee is also there.

We usually hold a show-and-tell meeting once per year. Come to that and bring something to show.

Present at a club meeting.

Teach part of the upcoming Technician class. You can teach even if you are uncomfortable about a subject. Preparing and teaching a lesson is just as educational for the teacher as it is for the students.

Comment and ask questions during club meetings. Others at the meeting will often need the same answers you do.

By the way, those without a license are welcome as well. We can even help you earn one if you want.

Keep in mind that we were all beginners at one time. Additionally, amateur radio is a "hobby of hobbies" in that there are so many different ways to use your license. Sharing your experience exploring those different paths will benefit others who are just starting on them.

73 de Jason Miles KE7IET



OARC COMING EVENTS



OARC Christmas Family Dinner

3rd Saturday 16 December 2017

Golden Corral—Ogden

5:00 PM

\$300 in Door Prizes

Next VE Test Session

**1st Wednesday
07 February 2018**

6:00 PM

CLUB NEWS

HAM and EGGS Net

Tuesday Evenings at 7:00 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

CLUB NEWS

Field Day Results 2017

#	Call	Score	Category	QSOs	Power Mult	GOTA Call	Section	Participants	Club
1	W7SP	6,172	3A	1,835	2		UT	98	Utah ARC
2	K7DAV	4,504	3A	944	2	N7CN	UT	44	
3	K7UM	4,456	1D	1,426	2		UT	3	
4	K7UVA	4,236	3A	1,237	2	K7GSL	UT	55	
5	N7U	3,452	5A	637	2		UT	75	Rainbow Canyons ARC
6	WA7LNW	3,336	2D	1,229	2		UT	2	
7	W7RCH	2,642	1F	432	2		UT	16	Cottonwood Heights ARC
8	W7IVM	2,570	5A	703	2		UT	60	Bridgerland ARC
9	NN7ZZ	1,942	1B1	423	2		UT	1	
10	W7DRC	1,882	3AC	551	2		UT	8	Dixie ARC
11	AD7KG	1,866	1B1	480	2		UT	1	
12	KI7EWG	1,368	2A	59	2		UT	15	Draper Ham Radio Assn
13	KB6UNC	1,282	1D	470	2		UT	1	
14	WR7Q	1,204	1B1	291	2		UT	1	
15	W7S	1,134	2F	157	2		UT	40	Sandy ARC
16	N7XJ	1,122	1D	268	2		UT	1	
17	KI7BEQ	1,010	2AB	32	5		UT	6	UHAM
18	K7DLX	804	2E	177	2		UT	3	
19	W7SU	758	2AC	207	2		UT	18	Ogden ARC
20	K7RFW	690	1E	101	2		UT	1	
21	K7PDW	560	1E	46	5		UT	1	
22	KZ7ZUL	500	1D	125	2		UT	1	
23	K0ESX	400	1B1B	50	5		UT	1	
24	AF7HJ	344	1B1	97	2		UT	1	
25	W0JTC	306	1D	128	2		UT	1	

CLUB NEWS

Previous Field Day Comparisons

Year	Location	Category	Section	Power Class	Participants (*)	CW QSOs	Digital QSOs	Phone QSOs	Total QSOs	Total Score
2017	Marriott	2A	UT	100 w	18	42	45	120	207	758
2016	So Ogden	2A	UT	100 w	16	101	0	209	310	1472
2015	Marriott	2A	UT	100 w	43	71	0	264	335	1422
2014	Marriott	2A	UT	100 w	45	54	0	220	274	1006
2013	Marriott	2A	UT	100 w	29	131	0	300	431	1874
2012	Marriott	2A	UT	100 w	25	0	0	395	395	1870
2011	Uintah Park	2A	UT	100 w	40	75	5	178	258	1656
2010	WOKP Ranch	2A	UT	100 w	44	61	7	299	367	1120
2009	WOKP Ranch	2A	UT	100 w	10+	0	0	610	610	1470
2008	WOKP Ranch	2A	UT	100 w	32	0	0	443	443	1456
2007	Eden	2A	UT	100 w	12+	0	0	427	427	1144
2006	Eden	2A	UT	100 w	12+	123	0	478	601	1798
2005	Eden	2A	UT	100 w	lots	6	0	282	288	588

Note: (*) Some years "Participants" = numbers of operators/loggers.

Other years "Participants" = number of attendees (excluding dinner time).



FCC Dismisses Radio Amateur's Petition to Revise Call Sign Rules



The FCC has dismissed a rule-making petition filed last May by Thomas J. Alessi, K1TA, of Stamford, Connecticut, that sought to amend the Part 97 rules regarding Amateur Radio Service call signs. The Commission action came in a November 28 letter from Scot Stone, Deputy Chief of the FCC Wireless Telecommunications Bureau Mobility Division. Alessi had asked the FCC to make call signs consisting of one letter, followed by two digits, followed by one letter (1 ×× 1 format) available to Amateur Extra-class licensees. Alessi asserted that the number of Amateur Extra-class licensees who desire short call signs exceeds the available supply of 1 × 2 and 2 × 1 call signs, and that his plan would make available an additional 7,800 four-character call signs.

"Approximately fifteen million call signs are presently available in the sequential call sign system, but it does not include every amateur call sign that has been allocated to the United States," Stone wrote in denying Alessi's petition. He also pointed out that the FCC had rejected a similar suggestion in 2010 that would have made certain additional call signs, including 1 ×× 1 call signs, available to Amateur Extra-class licensees, but concluded at the time that enough call signs were already available for every Amateur Radio licensee to obtain an acceptable call sign. In addition, the FCC said in 2010 that it had no plans to revisit the issue.

"You have not demonstrated any changed circumstances or other reason that would warrant revisiting this decision," Stone's letter concluded.

GUEST ARTICLE

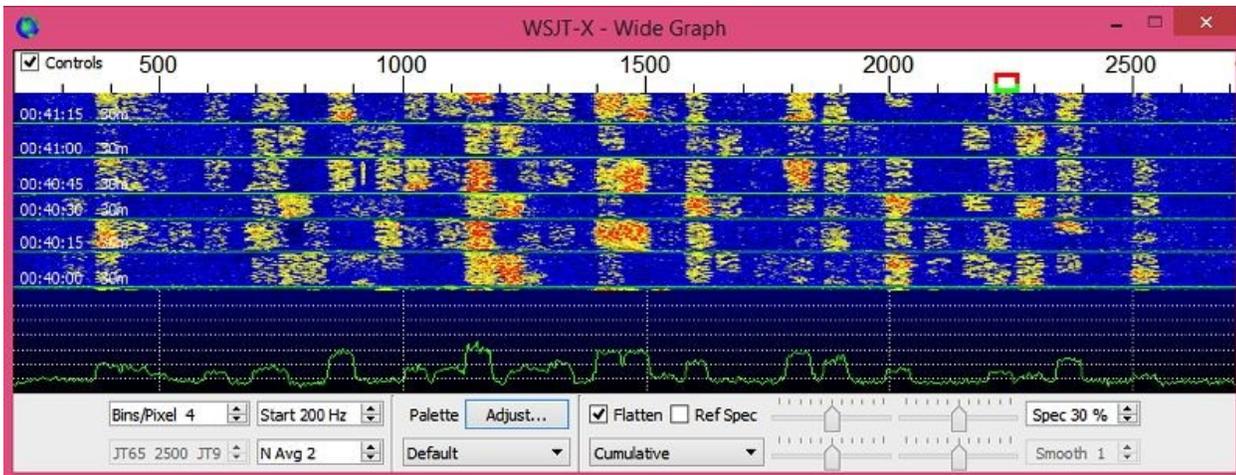
By Dan Romanchik, KB6NU

FT-8: I'm not really feeling the magic

By Dan Romanchik, KB6NU [@romanchik](#)

Partly out of curiosity and partly because my friend Jeff, KE9V, shamed me into it, I setup my Signalink interface, downloaded WSJT-X from <https://physics.princeton.edu/pulsar/k1jt/wsjt.html>, and started operating FT-8, the latest "shiny object" (as the ARRL dubbed it) from the K1JT team. As you probably know, this mode has really caught on with the digital crowd, and the waterfall is chock full of FT-8 signals. Part of the reason for this is that it has some of the characteristics of JT-65, but is not as excruciatingly slow.

Over the past couple of days, I've made 32 QSOs, including a couple of DX contacts. It's been fun to try something new, but to be honest, I'm not really feeling the magic. Part of it is that I don't feel like I'm really doing anything. I downloaded the software, plugged in my digital interface, fooled around with the settings a bit, and then, the computer started making contacts. I have to click a few on-screen controls to make contacts, but even that's a step that could be easily programmed in by the WSJT-X developers. (In fact, I wonder why they haven't done that already!)



Take a look at the screenshot above to see how a typical contact happens. When a CQ appears in the "Band Activity" window, you double click on it. When you do this, the software begins listening for signals on that frequency. In this case, I double-clicked on the CQ by WA9THI. When I double-clicked on the CQ, the program began decoding signals on that frequency and display the transmissions in the "Rx Frequency" window.

Then, I clicked on "Enable TX" and the program began the contact sequence, sending "WA9THI KB6NU EN82." EN82 is my grid designator. This is shown as the first yellow line in the Rx Frequency window. The transmissions that I sent are highlighted in yellow. The transmissions sent by WA9THI are highlighted in red.

The sequence of transmissions shown there comprise a complete contact, and that whole process takes less than two minutes. And, once WA9THI received my first transmission, the sequence is all automatic. You just sit there and watch the two computers talk to one another.

While I can certainly appreciate the thought and the work that went into the design of the protocol and programming to implement it, sitting and watching the computers talk to one another just doesn't excite me. On the other hand, if you're one of those guys who wants to make contacts, but doesn't really want to talk to anyone, than this is the mode for you!

Here are a few more notes about FT-8 operation:

- Not surprisingly, synchronizing your computer with the other stations computer is very important. To do that, you need to get your computer to use the network time protocol (NTP). I failed to do this when I first installed WSJT-X, and while my waterfall was full of FT-8 signals, WSJT-X just wouldn't decode them.

- I got my PC laptop to talk ntp by installing Meinberg NTP software (<http://www.ntp.org/ntpfaq/NTP-s-def.htm>). Once I did that, WSJT-X magically started decoding transmissions.

- Most of the cool guys seem to be using Meinberg NTP, but there are other options. One of the guys in our club is using a program called Dimension 4, for example.

- Apparently, you don't have to limit your power output as you would with PSK-31. At first, I set my output power to 10 W. I had a bit of success at 10 W, but I expected more. When I asked on Twitter how much power other guys were using, most of them said that they were using more than that.

- For the last couple of sessions, I've been setting my output power to 25 W, and I've been having more success. I've now worked several Europeans on 30m.

- Even at 25 W, my signal reports are more often than not as good as the signal reports I'm handing out. I haven't figured this one out yet. This doesn't happen to me when I'm operating CW, so I don't think it's my antenna.

- When I'm operating, I write down the calls of stations I've contacted. The reason for this is that while WSJT-X does have a logging function, it doesn't have a log window, so unless you have a great memory, you could end up working guys two or three times a session. That's probably not a big deal since contacts are so quick, but I'd rather avoid doing that if I can.

- WSJT-X works "split." While most contacts take place on the same frequency, a station can call you anywhere in the passband of your receiver and WSJT-X will decoded the signal and begin a contact. This threw me the first time or two that this happened, and I tried to change my transmit frequency to match the other station's. In doing so, I messed up the sequence. I now just let the contact proceed normally, and it works out great.

- When I work the other digital modes, I set my IC-746PRO to the USB-D mode. In this mode, the receive passband is narrower than for working phone. When operating FT-8, however, you don't want to limit that passband. Signals will appear across the entire 2.6 kHz of the USB signal, and if you narrow the passband, you won't be able to work those stations.

- WSJT-X checks the validity of call signs. This afternoon, there was a guy who had typed in his call as "WAMAD" and was calling CQ. WSJT-X wouldn't let me answer that CQ.

- Operating this mode opens up the possibility of working more stations whose callsigns spell words and adding those QSL cards to my collection. I have, for example, already worked K1GUY, N4HER, and N5SLY. I'm guessing that these guys don't operate CW. All told, I've found this to be an interesting foray into a new digital mode. While I'm not feeling the magic that some others seem to be feeling when operating FT-8, it certainly will be a change of pace to operate this mode from time to time. Give it a shot and tell me what you think.

Dan, KB6NU, is the author of the "No Nonsense" amateur radio license study guides and blogs about amateur radio at KB6NU.Com. When he's not working FT-8, he teaches ham radio classes and operates CW on the HF bands. You can email him at cwgeek@kb6nu.com.

FEATURE RTICLE

By Kent Gardner WA7AHY

What is.....the Ground Observer Corps?

During our return trip from Star Valley, Wyoming where my wife and I observed the Great American Eclipse the day before (21 August 2017), we found ourselves in Soda Springs, Idaho. There were signs suggesting that we could observe a geyser at noon just a few blocks off the main street. We had been through Soda Springs many times over the years, but had never stopped there.

We decided to take the side trip and, low and behold, we saw the geyser go off on the hour. It was rather impressive, in that a column of water about eight or so inches in diameter shot straight into the air for 100 or more feet. I was duly impressed to see something like a Yellowstone geyser. Then I was told that it was "man-made". My heart fell and my feelings turned somewhat negative until I started writing this story. I did some more research and found that it was something very unique. Please stay with me. I will bring in the Ground Observer Corps and a touch of ham radio soon.

In 1937, a man drilled a hole, looking for warm/hot water for a swimming pool project. At 315 feet down, he punctured an underground chamber that was filled with pressurized carbon dioxide gas and water (remember that Soda Springs was named that for a good reason). The water was at a temperature of 84 degrees Fahrenheit. The geyser would have kept going on its own, but the driller and the city fathers, seeing an opportunity, capped it off. Valves and timers were installed. Presently, the column of water is turned on every hour on-the-hour for the enjoyment of the public and for promotion of the City of Soda Springs.



Picture was copied from a Roadside America.com.

Well, after my initial disappointment, I did notice something just south of the location that made up for the artificial nature of the geyser. It was a real observation shack for the Ground Observer Corps (GOC) which used the facility from 1956 to 1959. I had never seen such a thing before, so immediately took a picture. I do not know if the tower next to the building was there during the '50s.



I had heard about the GOC when I was a Boy Scout in the early 1950's. The idea was mysteriously attractive to me, but I didn't remember any significant activities around Burley, Idaho.

When I first saw the sign and observation shack, I immediately wondered why this existed at that time. World War II was over for about 10 or more years and why would a land-bound location be useful to spot intruding aircraft? I became curious enough to look it up on the internet. The following was posted on Wikipedia:

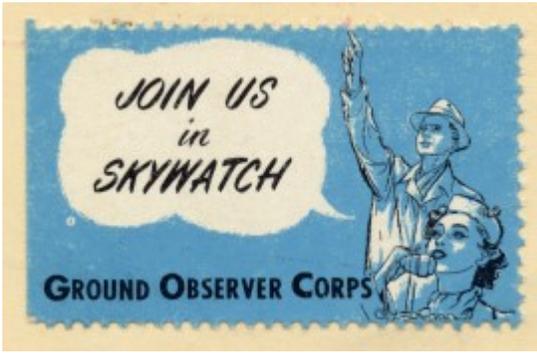
World War II Organization[[edit](#)]

The first **Ground Observer Corps** was a [World War II Civil Defense](#) program of the [United States Army Air Forces](#) to protect United States territory against air attack. The 1.5 million civilian observers at 14,000 coastal observation posts performed naked eye and binocular searches to detect German or Japanese aircraft. Observations were telephoned to filter centers, which in turn forwarded authenticated reports to the [Aircraft Warning Service](#), which also received reports from [Army radar stations](#). The program ended in 1944.^[1] Few [Aircraft Warning Service Observation Towers](#) survive as relics.

Cold War Organization[[edit](#)]



1950s civilian GOC pin



1950s civilian Skywatch recruiting sticker

The second **Ground Observer Corps**,^[2] with programmatic aims and methodologies similar to the first, was organized in early 1950, during the **Cold War**. Operating as an arm of the **United States Air Force Civil Defense** service, the second GOC supplemented the **Lashup Radar Network** and the **Permanent System radar stations**.^[3] Observations were telephoned directly to filter centers^{[4][2]} and the information was in turn relayed to **Air Defense Command** ground control interception centers.^[5] By 1952 the GOC program was expanded into Operation Skywatch, consisting of 750,000 volunteers working in shifts at over 16,000 posts and 73 filter centers.^[6] An extant example of an observation platform used by GOC/Skywatch volunteers is the **Cairo Skywatch Tower**.^{[7]:5-6}

The second GOC program ended in 1958^[8] with the advent of automated Army (**Missile Master**) and Air Force (**SAGE**) radar systems. GOC volunteers were encouraged to continue their service in the **Radio Amateur Civil Emergency Service** (RACES).

I don't remember reading any RACES manuals that even remotely touched upon Operation Skywatch/GOC.....very interesting. So there is the touch of ham radio that was certainly not expected.

Isn't it odd that an eclipse of the sun would lead to such an interesting discovery right in our back yard? It also leads to several other experiences that are indirectly related to my side trip to see a geyser.

TNX

Kent, WA7AHY

22 August 1017

Notes from more of my life's experiences:

My original idea of a two-page/one picture article has led to some interesting details of my life that I had not thought of for a long time. I know that I will be adding these to my life history right away.

While in the Air Force, I was able to tour a Semi-Automatic Ground Environment (SAGE) center near Atlanta. Very powerful radar transmitters covered the Cuba area (remember the Cuban Missile Threat)? I remember that there were two identical radar transmitters running at the same time. The standby transmitter was directed into a huge dummy load. If the primary transmitter failed, the second one's wave guide would immediately be switched into service with little interruption.

For those who would like to see an excellent movie about the Cuban Missile Crisis, see if you can find the movie "Thirteen Days". It shows how very close we came to war with the USSR over their missiles in Cuba. Kevin Costner plays an advisor to Jack and Bobby Kennedy and tells the inside story from the White House perspective. I remember the crisis well. I was on a mission in Texas for the Church of Jesus Christ of Latter-day Saints during that time (1961-1963). Trainloads of troops and equipment were leaving Fort Hood Army base in Killeen, Texas, headed for the Gulf. Store shelves were bare and kids were being kept home from school. If you can't find a copy of the movie, I would be glad to have a movie night at my home or loan it to you at great expense....ha ha.

My wife's dad was a pilot in the Air Defense Command (ADC) which received reports from the GOC and the above mentioned radar centers. They lived in both Montana and South Dakota where her dad and fellow pilots would scramble their jet interceptors to meet any threat from Russia coming across the Canadian border.

I also ran across my membership card for the Amateur Radio Emergency Corps dated in 1972 when I was living in Logan, Utah.

AMATEUR RADIO PUBLIC SERVICE CORPS
AMATEUR RADIO
EMERGENCY CORPS

 This Certifies that Kent Gardner
is a Full member of the Amateur Radio Emergency Corps,
division of the Amateur Radio Public Service Corps, for one year from date
below or endorsement on reverse side.

In the event of need brought about by disaster or other extraordinary
circumstances, this operator offers his personal time, skill and amateur radio
station facilities to his country and community. He will also participate in
normal Emergency Corps activities to the extent indicated by his class of
membership above.

Date: Feb 12, 1972
Robert G. Wood
A.R.R.L. Emergency Coordinator

George Hart, W1N1M
Comms. Mgr. A.R.R.L.

In view of continuing interest and cooperation in Emergency Corps activities,
membership is continued in effect by endorsement as follows:

Date	ARRL Emergency Coördinator
.....
.....
.....

IN EMERGENCIES: The A.R.R.L. Emergency Coördinator or assistant EC
designated by him is in charge of all operations. Liaison will be established with
appropriate nets of the National Traffic System, division of ARPSC, on an
emergency basis in accordance with pre-arranged plans. ARRL precedence
designations will be observed and insofar as practicable all the rules for the
handling of record traffic will be followed.

EMERGENCY EQUIPMENT: Your value as an AREC member is enhanced
by possession of an emergency power supply, equipment especially designed for
emergency use, and operating mobile equipment.

So this brings up the question, does the organization still exist? The following cut-and-paste from the American Radio Relay League (ARRL) answers that question.

Using Amateur Radio operators in the amateur frequency bands, the ARRL has been serving the general public directly and government and relief agencies for more than 50 years. To that end, in 1935 the League organized the Amateur Radio

Emergency Corps (now called the Amateur Radio Emergency Service --ARES). In 1949, the League created the National Traffic System (NTS). Together, ARES and NTS comprise the League's public service field organization of volunteer radio amateurs



Club Swapmeet



“SALE” or “WANTED” ITEMS NEEDED

OARC's **O-bay (On-Line Swap-Meet)** items needed for the web site...

Visit <http://www.ogdenarc.org/> then click on **Obay-Swap**.

FEATURED ITEMS

SWAP ITEM # 177

FOR SALE: 60ft crank up tower. Aluma model T-60HN.

Includes 120V winch, tilt base plate, YAESU G-800SDX and G-500A rotators, guy wires and house bracket.

PRICE: \$4000

CONTACT: John N7WZ, 208 520 3537 (leave message)

SWAP ITEM # 176

FOR SALE: 40ft mobile air pushup tower.

Includes spare tire for trailer, leveling feet for trailer and guy straps with ground stakes.

Trailer requires 2 in ball.

PRICE: \$3000

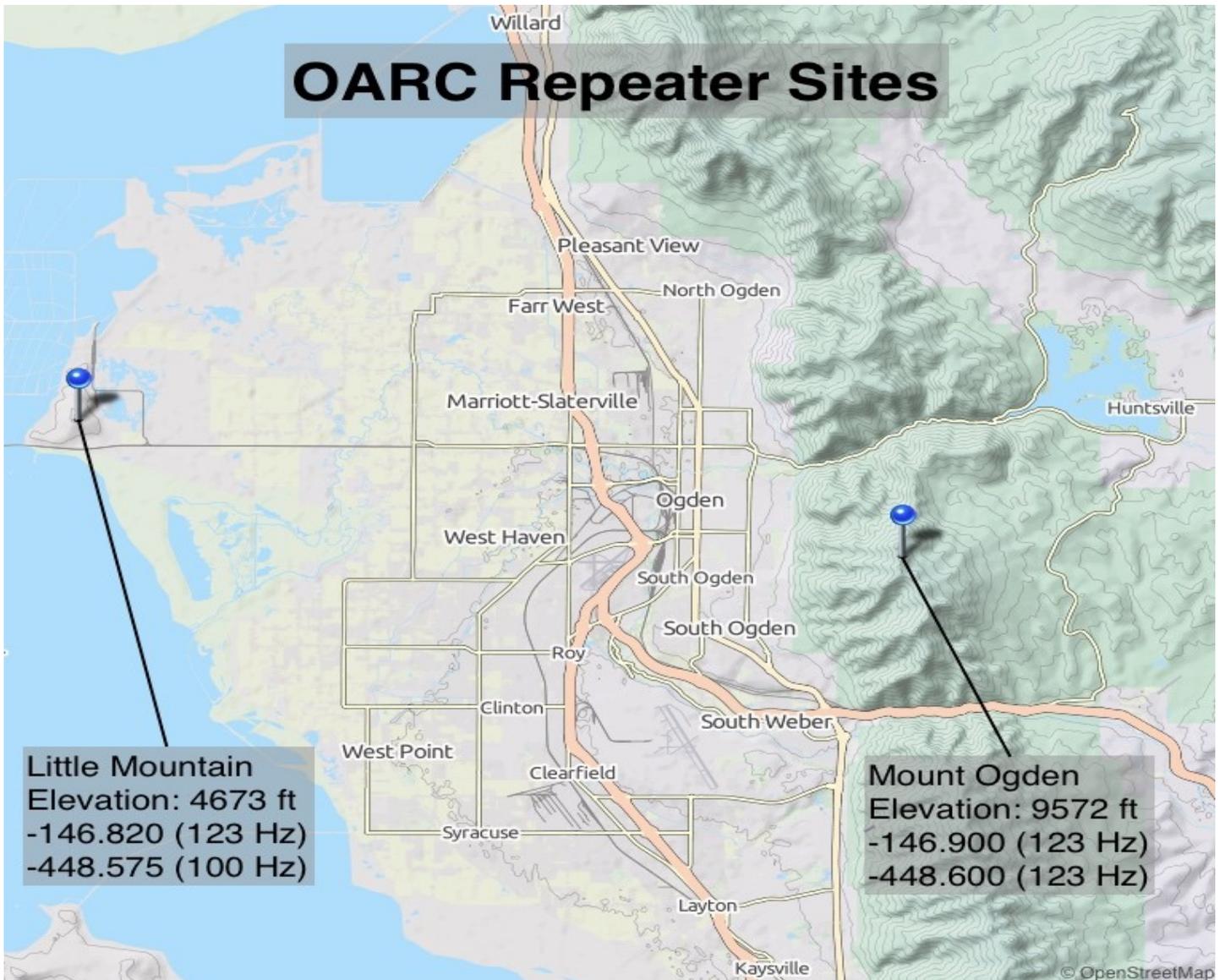
CONTACT: John N7WZ, 208 520 3537 (leave message)

NOTICE

FREE on-line, local swap - help spread the word

<http://www.pocatelloarc.org/swap/>

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 YAHOO GROUP



Did you know that OARC has a Yahoo Group?

We occasionally communicate with our OARC members via the Yahoo Group. Receive notices regarding upcoming club meetings and future e-newsletter release notices and much more like CHAT items of interest.

You can also send/receive notices to/from other group members yourself.

It's easy to sign up...



Just click on the  icon at the top of the club website home page and then follow the Yahoo Group instructions to create yourself a user ID and password.

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 right hand panel of the club website home page to view recorded meetings preserved for your viewing pleasure.

Club Badges

OARC Club badges are available for all licensed club members.

The cost is \$10.00 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 \$10.00 in advance for each badge ordered and specify Call Sign and First Name. Contact webmaster or any club officer via email or contact the club treasurer at the next club meeting.

For additional information see club website left side menu and click “Join” to fill out a club application form to order a club badge.

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.

Ham + Spouse = \$15 + \$10 = \$25

THANK YOU FOR YOUR SUPPORT

Join OARC

Renew your membership now!

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.

Joining is easy. Come to a club meeting or fill out an application form from the club website (click "Join" from the left side main menu). Instructions for mailing on the form.

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.

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 notices above

Talk-in: **-146.82 (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

**Weber County Sheriff Office
Training Room
712 W 12th Street Ogden Utah**

Contact: VE Liaison:

Rick Morrison W7RIK (Liaison)

morrisonri@msn.com (801-791-9364)

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

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

Club Call Sign

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

W7SU

ARRL Field Day is held on the last full weekend of June every year.

Location may vary each year so watch this notice for details as time draws near.

See you there.

OARC REPEATERS			
(*) Yaesu Fusion digital/FM compatible			
FREQ	CLUB	TONE	LOCATION
146.900-	OARC (*)	122 DCS	Mt Ogden
448.600-	OARC (*)	123.0	Mt Ogden
146.820-	OARC (*) "Talk-in"	123.0	Little Mtn
448.575-	OARC	100.0	Little Mtn (w/auto patch)

OTHER AREA REPEATERS			
FREQ	CLUB	TONE	LOCATION
146.620-	UARC	none	Farnsworth Pk
147.120+	UARC	100.0	Farnsworth Pk
449.100-	UARC	146.2	Farnsworth Pk
449.500-	UARC	100.0	Farnsworth Pk
147.040+	DCARC	123.0	Antelope Isl
447.200-	DCARC	127.3	Antelope Isl
449.925-	DCARC	100.0	No Salt Lake
145.290-	GSARC	123.0	Brigham City
145.430-	GSARC	123.0	Brigham City
147.220+	GSARC	123.0	Brigham City
448.300-	GSARC	123.0	Brigham City
146.640-	BARC	none	Logan
146.720-	BARC	103.5	Mt Logan
147.260+	BARC	103.5	Promontory Pt
449.625-	BARC	103.5	Mt Logan
145.250-	WSU	123.0	* coming soon
449.250-	WSU	123.0	* coming soon
145.490-	K7HEN	123.0	Promontory Pt
146.920-	N7TOP	123.0	Promontory Pt
449.775-	N7TOP	123.0	Promontory Pt
147.100+	Morgan	123.0	Morgan Co
448.825-	IRLP/Echo	123.0	Clearfield City
449.950-	IRLP	123.0	Clearfield City
449.425-	IRLP	100.0	Nelson Peak
147.360+	Summit Co	100.0	Lewis Peak

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

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 @ 7:30 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 @ 7:00 PM	OARC—Ham & Eggs Net	448.600 -123.0
Tuesday @ 8:00 PM	Weber ARES	448.600 - 123.0
Tuesday @ 8:00 PM	VHF Society Swap	147.120 + 100.0
Tuesday @ 9:00 PM	Bridgerland ARC	147.260 + 103.5
Wednesday @ 8:00 PM	GS ARC	145.290-, 145.430-, 448.300- (all 123.0)
Wednesday @ 8:30 PM	CSERG	145.770 simplex
Wednesday @ 9:00 PM	No. Utah 10m HF net	28.313 Mhz HF USB
Wednesday @ 9:00 PM	6-meter SSB net	50.125 Mhz 6-meter USB
Thursday @ 6:30 PM	Davis Co Elmers Net	147.040 + 123.0 New Hams
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 rd 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 HF LSB 3 rd Saturday – odd months only
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz HF LSB

OARC OFFICERS

President: Jason Miles KE7IET

Vice Pres: Mike Taylor KE7NQH

Secretary: Ceva Cottrell KE7IEV

Treasurer: Jerry Cottrell KG7IGW

Program Director:
Gil Leonard NG7IL

Activity Director:
Dave Mamanakis KD7GR

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

"OARC" web site

Webmaster: Val Campbell K7HCP

OTHER CLUB APPOINTMENTS

VE Liaison: Richard Morrison W7RIK
Jason Miles KE7IET (IT)

Repeater Engineers: Mike Fullmer KZ7O
Scott Willis KD7EKO

Photographer: Ceva Cottrell KE7IEV

QSL Manager: Ceva Cottrell KE7IEV

Historian/Librarian: Kent Gardner
WA7AHY

Equipment Manager: Val Campbell K7HCP

Club Call Sign Trustee: Larry Griffin AD7GL

Advisors: Stan Sjol W0KP
Mike Fullmer KZ7O
Kent Gardner WA7AHY
Kim Owen KO7U
Larry Griffin AD7GL

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www.OgdenArc.org