



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

MARCH 2015

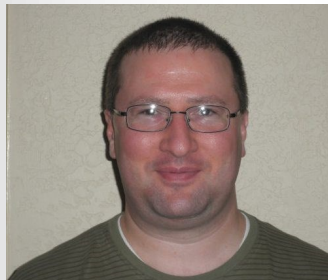
Next Club Meeting/Activity

Meeting: Riverdale Fire Station



Gil Leonard NG7IL

President



Jason Miles KE7IET

Vice President



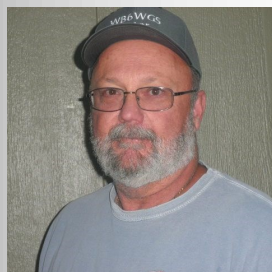
Larry Griffin AD7GL

Secretary



John Shupe K7DJO

Treasurer



Pete Heisig WB6WGS

Program Director



Mike Taylor KE7NQH

Activity Director



Val Campbell K7HCP

Webmaster/NL Editor

PREVIOUS CLUB MEETING

**"Get To Know Your Fellow HAM"
Bring your Show-and-Tell items!
(Refreshments will be served)**

**Riverdale Fire Station
3rd Saturday 21 February 2015
9:00 AM**

NEXT CLUB MEETING/ACTIVITY

Meeting:

Mike Collett, K7DOU

**Civil Air Patrol (CAP) : Introduction
CAP Communications and Grip Search**

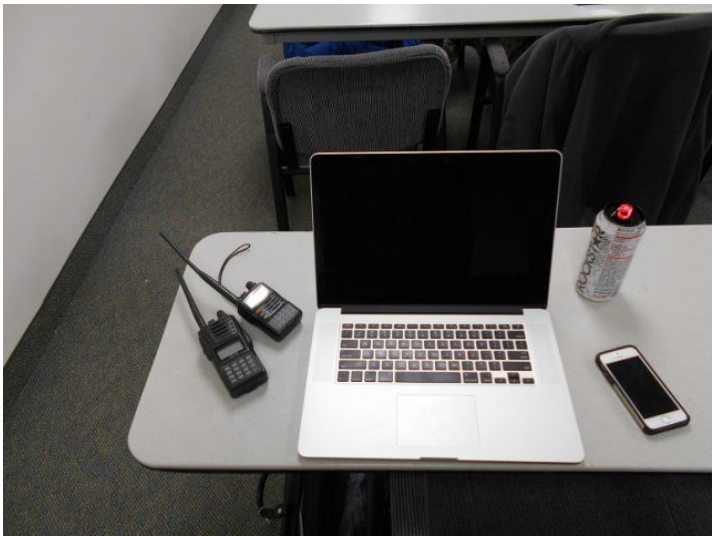
**Mike is a long time member of the CAP and
surely has some interesting stories to
share.**

**Riverdale Fire Station
3rd Saturday 21 March 2015
9:00 AM**

PREVIOUS MEETINGS PICS

Photos by ... Rick Hansen N7EGA





OARC COMING EVENTS



Golden Spike Special Event Station ... [details](#) NEW!

Fri 08 May & Sat 09 May 2015

Utah HamFest 2015 (Ruby's Inn) ... [details](#) NEW!

Friday 31 July—Sunday 02 August 2015

QRM from Gil



Gil Leonard NG7IL

If you were unable to attend the February meeting, you missed out on some great camaraderie, donuts and interesting projects. Thanks to everyone who participated. The extra chairs sure proved useful. The count I received was 54 folks with several new applications turned in. The projects this year were very different from last year. Larry, AD7GL, brought in some of his collection of vintage transistor radios; Stan ,W0KP, shared his newest kit build an antenna analyzer. Mike, KZ7O, showed us how to measure traps for HF antennas. Kent, WA7AHY, had a great CW presentation. I missed out on some of the others as there were many folks to visit with.

March will bring us Mike Collett, K7DOU, and an introduction to CAP (civil air patrol). Mike is a long time member of the CAP and surely has some interesting stories to share.

April will bring us Dave Mamanakis, KD7GR, and Linux operating systems with integration to ham radio. If you ever had questions about Linux, this is the meeting to attend.

May 8th and 9th will be our special event station, W7G, out at Golden Spike National Monument, <http://www.nps.gov/gosp/index.htm> . There are many hams across the nation that looks forward to this event. This is a chance for you to try your hand at HF, we will have control operators on site. Either day will be special. They present a re-enactment of the driving of the final Golden spike joining the east and west coast of our nation. The trains are absolutely beautiful; they never cease to amaze me. It will be fun for the entire family and we sure hope to see you there.

Continued...

There is a lot changing with amateur radio as we know it. Many modes are now digital based including voice on HF and FM. Currently there are several methods to operate digital FM, the two most popular are Icoms' D-star and Yaesu's Fusion. I am not looking to create a debate as to which is superior or which will come out on top. To date with the limited studying I have done, I would encourage everyone to look into both of these digital FM modes. Some have likened it to the VHS vs Beta debate.

Currently there are many D-star stacks going up, one of the most recent I know of is in Morgan. In fact, the Morgan amateur radio club was formed just to provide a unique call sign for the system. The folks I have talked to really enjoy the system. Using their protocol and the internet you can enjoy digital FM communications where ever there is a repeater system in place. The only downside that I see is the radios operate digitally only and don't play nice with analog systems.

The Fusion system, as I understand, is the new kid on the block. It uses a different digital protocol so it won't play nice with D-star. The new Fusion repeaters are capable of operation using either digital modes or analog. I find this very useful; this means that if you come across a Yaesu digital repeater it is capable of handling all analog traffic as well as digital. Using "wires-x" the digital repeaters will also allow you to send your signal to another wires-x node.

Digital communications vary somewhat from analog. With analog communications, the signal fades over distance until noise takes over and the information is no longer readable or understandable. Digital, as I have learned, is supposed to give you crystal clear communications right up to the point where the signal drops abruptly. This is referred to as "falling off the cliff", an interesting term but they say it describes the phenomena accurately.

I would encourage everyone to start looking at the different digital FM modes and determine for you, the pros and cons. Digital FM communications are going to be a part of ham radio sooner or later, find out for yourself what will work best for you. It just might be a great excuse to get a new rig.

I hope all of you will sign up on the Yahoo group; details are on the club website. This is a great way to get questions answered, share your knowledge and stay up to date on changes and happenings within the club.

CLUB NEWS

**Congratulations to those that successfully tested
at the 04 February 2015 VE Test Session.**

NAME	CLASS	CALL SIGN
Dowell, Kathleen	Tech	KG7RAP
Hollist, Nathan	Tech	KG7RAQ
Maxfield, James	Tech	KG7RAR
Talbot, Brian R	Tech	KG7RAO
Wilson, Antonio	Tech	KG7RAN

CLUB NEWS

Club Badges

John K7DJO our club treasurer is worried about several of you that have not picked up your new pre-paid OARC club badge. Your badge doesn't look quite like this one because it has your call sign and your name on it but we are quite sure you will enjoy yours just the same. You can claim your badge at any future club function, meeting, activity or event or contact our club badge czar John K7DJO.



-
- | | |
|---|--|
| <ul style="list-style-type: none">• KE7VVT, John• KF7HNU, Ralph• KG7FMY, Ryan• KG7IGQ, Lamont• KG7IHA, Tom• KG7KFD Tony• KG7LIG, Andrea | |
|---|--|



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

ITEM #160

WANTED to BUY:

I am looking for a car top magnetic mount - dual band 2m/440 antenna w/ NMO mount.

PRICE: \$ (TBD)

CONTACT: Peter Johnson KG7QOA, 801-618-9628, peter.g.johnson@gmail.com

ITEM #159

FOR SALE: IC-718 HF Transceiver

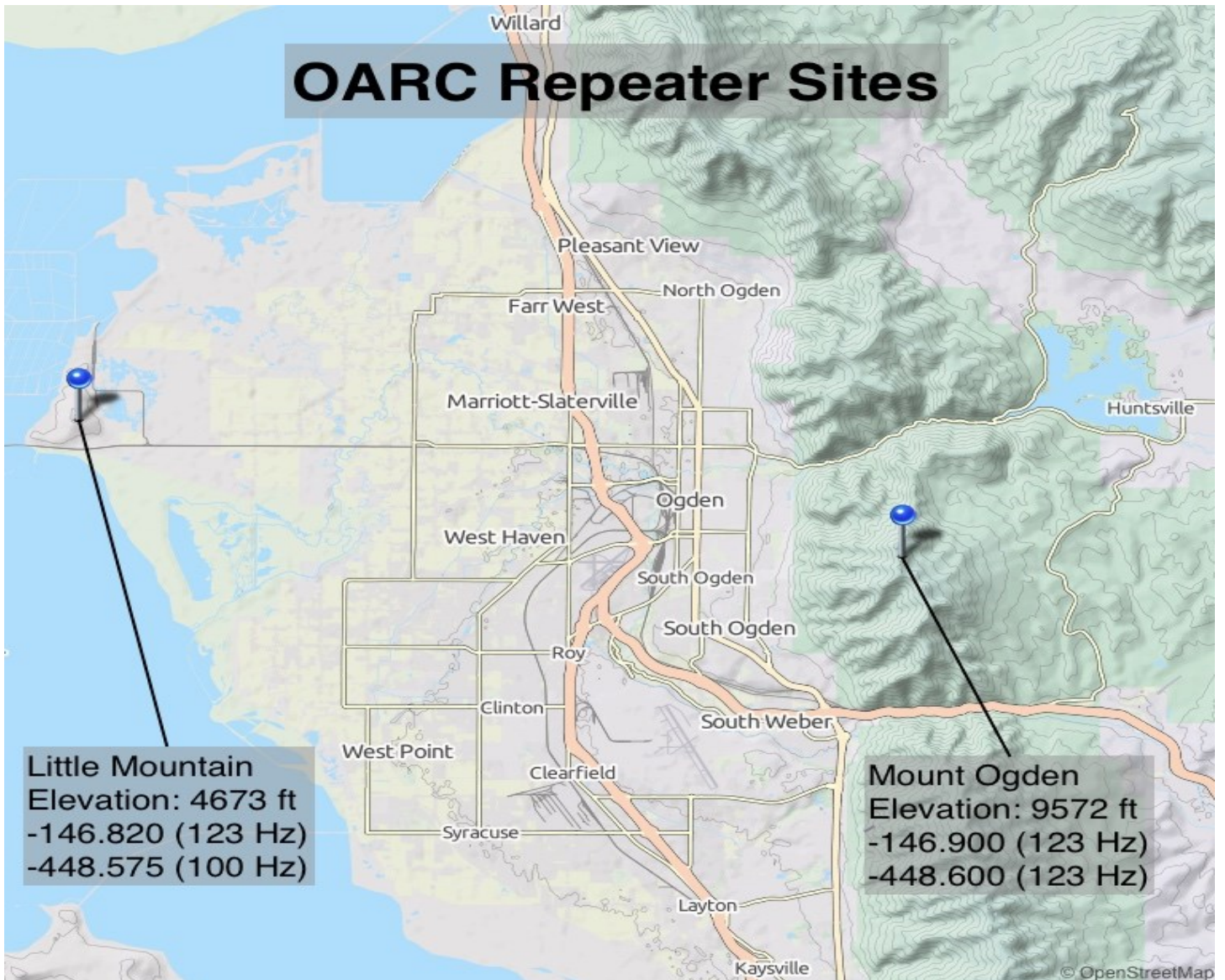
In like new condition in original box with all manuals.

Covers 160 - 10 Meters with all modes. Has general coverage receiver from 0.5 through 30 Mhz.

PRICE: \$475

CONTACT: Stan Sjol W0KP, 801-985-3651

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.

**More to come ...
following the next 3 pages of commercials.**

Please stay tuned.

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.

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.

HOBBY NEWS

Submitted by Rick Hansen N7EGA

SEARCHLIGHT, Nev. - 04 February 2015

Vandalism of Low Frequency Station

An I-Team Investigation has revealed that an inactive government facility in Nevada was trashed and looted by vandals. The former navigation station, called LORAN, which stands for Long Range Navigation, was run by the United States Coast Guard and funded by taxpayers years ago.

LORAN was a system of 24 radio transmitters positioned strategically around the United States. It was used to compare the time difference between pulses from different stations, so navigators could zoom in on their locations.

The abandoned LORAN is located in the heart of the desert near the town of Searchlight.

"The LORAN Searchlight station was commissioned in 1976 and has a permanent crew of five that maintain not only the sophisticated equipment necessary to transmit the LORAN signal, but also the station's buildings, grounds and access road," said the narrator of a video from the Department of Defense on the LORAN Searchlight Station.

However, since the facility closed, the access road has been neglected and is in a poor state of condition, along with the buildings that have been trashed.

"Equipment's been destroyed, and thousands of pounds of copper and aluminum have been taken," Richard Aschle, a commercial pilot, and ham radio operator said.

Aschle said thieves took overhead panels and destroyed awnings that were used for shade to get aluminum scraps. He said they also stole and destroyed different electronics that were worth a lot of money.

"They just totally destroyed these engines that are probably \$150,000 a piece," Aschle said.

Aschle was the one who alerted 8 News NOW to the vandalism and looting that took place at the LORAN Searchlight station. He said he noticed the damage when he came across the facility during a bicycle trip.

Aschle said although he's saddened by the scavenging and vandalism, he's even more shocked at how much government property was left behind when the station closed.

"Man, that just makes me sick," he said.

Aschle said he called everyone from the FBI to the Coast Guard to put an end to the vandalism and looting problem, but nothing was ever done.

"I explained to the gentleman that there was millions of dollars worth of damage and equipment being looted and destroyed, and he didn't seem to care. I never heard back from him," said Aschle.

More than two weeks ago, 8 News NOW reached out to the Coast Guard about the looting and vandalism issue at the LORAN Searchlight location, and a public affairs specialist said he would look into the situation, but we haven't heard anything about it.

There was also a phone call placed, and an email sent about the issue to Congressman Joe Heck's office, who represents the Searchlight community. We asked them to review the story. We're waiting to hear back from them.

The LORAN Searchlight station went off of the air back in Feb. 2010, because when it was compared to GPS Navigation, it like all of America's LORAN stations were considered expensive and obsolete.

[Thanks Rick for sharing this article with us.](#)



Reactions to FCC's net neutrality vote:

Celebrations, legal threats and Morse code message.

The Federal Communication Commission voted Thursday [to enact new net neutrality rules](#) that give the commission oversight of the Internet in an effort to ensure a level playing field on the web.

But if anyone needed proof that the debate over net neutrality and government regulation of Internet Service Providers (ISPs) is far from over, they needed only to look at the wide range of responses to the FCC's Thursday vote. Companies, industry groups, politicians and even the White House weighed in with their (differing) views on the new FCC rules and where things should go from here.

Not Happy:

Not surprisingly, big telecommunications companies and cable providers are not happy about the new FCC rules. Even before the vote took place, AT&T [T 0.17%](#) warned of a possible federal lawsuit challenging the new rules. Jim Cicconi, AT&T's head of public policy, wrote a blog post following Thursday's vote in which he hinted that the FCC has a fight on its hand. He noted that the commission's 3-2 decision — with three Democrats defeating two Republicans — “is an invitation to revisiting the decision, over and over and over.”

Verizon [VZ 0.16%](#), which could join AT&T's legal fight against the new FCC rules, also weighed in following the vote, though the company adopted more of a mocking tone. The telecom giant actually went through the trouble of issuing [a statement written in Morse code](#) and titled “FCC's ‘Throwback Thursday’ Move Imposes 1930s Rules on the Internet.” In a [translated](#) version of Verizon's statement, the company chided the FCC for deciding “to change the way the commercial Internet has operated since its creation.”

Continued ...



In its own statement, [Comcast said](#) it supports the principles of an open Internet, but disagrees with the FCC's decision to reclassify ISPs under Title II of the Communications Act — a move that allows for stricter government regulation of the Internet. A post written by Comcast [CMCSA](#) 0.39% executive vice president David Cohen reads: “We fully embrace the open Internet principles that have been laid out by President Obama and Chairman Wheeler and that now have been adopted by the FCC. We just don't believe statutory provisions designed for the telephone industry and adopted when Franklin D. Roosevelt was president should be stretched to govern the 21st century Internet.”

Happy:

President Obama, who came out in full support of strict new net neutrality rules last fall, applauded the FCC for voting in the new standards Thursday. The president tweeted to express support for the FCC's decision:

Obama later [issued a statement](#) thanking the more than 4 million people who participated in an open comments period last year to voice their support of “a free and fair Internet.”

Meanwhile, Netflix, which has also been a vocal proponent of stronger net neutrality rules, issued a statement calling today's vote a win for consumers. “The net neutrality debate is about who picks winners and losers online: Internet service providers or consumers. Today, the FCC settled it: Consumers win,” Netflix said. “Today's order is a meaningful step towards ensuring ISPs cannot shift bad conduct upstream to where they interconnect with content providers like Netflix. Net neutrality rules are only as strong as their weakest link, and it's incumbent on the FCC to ensure these interconnection points aren't used to end-run the principles of an open Internet.”

GUEST ARTICLE

by KB6NU

Make your own dipoles with these center insulators

One of the things that always gets my goat is the price some companies charge for dipole antennas. It's not that they're charging an outrageously large sum of money, and I certainly don't begrudge them making a profit for their efforts. It's just that if hams would just buy their own wire and parts, they would not only save money over the long run, but be encouraged to experiment with antennas. That's what I started doing about ten years ago, and I've been very happy with the results.

One of the first things that I did was to purchase ten Budwig HQ-1 center insulators and ten HQ-2 end insulators (<http://www.budwig.com/antenna-connector-insulators.html>). I've made a bunch of antennas with these insulators, including several 40m/20m inverted vees for portable use (such as Field Day and special events), a 17m dipole, and a 10m loop antenna. These insulators are very well-made, and can easily be reused, too.

Universal Radio sells the set (<http://universal-radio.com/catalog/antsup/1782.html>) for \$18.50. I just placed another order for ten HQ-1s and 20 HQ-2s (the minimum number that you can purchase to get a quantity discount). The price, including shipping, is \$143.

There are a bunch of other center insulators on the market, including:

- * The Alpha Delta Delta-C antenna hardware kit (<http://universal-radio.com/catalog/antsup/0297.html>) consists of a Delta-C Center Insulator, antenna connecting hardware, 1 SEP Arc-Plug™ static protector (installed in Delta-C) and 2 Delta-CIN end insulators. This is a little heavier-duty than the Budwig insulators, but it costs more, too (\$30 at Universal Radio). Unless you're going to be running a kW, I don't see the need to spend nearly twice as much money on these insulators.

- * The TEN-TEC ACRO-BAT Antenna Connector & Hanger (<http://www.tentec.com/products/ACRO%252dBAT-Antenna-Connector-%26-Hanger.html>) is an interesting product. Unlike the Budwig and Alpha-Delta insulators, this product does not have an SO-239. Instead, this insulator clamps over the coax and antenna wire, and in doing so, provides strain relief. I haven't tried this one, but it seems like a nice design. The cost is \$10, directly from TEN-TEC or from Universal Radio.

* The Unadilla W2AU ANsulator (<http://universal-radio.com/catalog/antsup/0913.html>) is made from PCV tubing and include eyelets for terminating the antenna wire and for supporting the insulator in the middle. For \$15, I think I'd rather have the Budwig insulator. Also, you should be able to make one of these insulators for less than 15 bucks.

* The Hy-Gain C-1C Center Insulator (<http://www.hy-gain.com/Product.php?productid=C-1C>) has a screw for tightening down the antenna wire, so you don't have to do any soldering, but overall, I don't think I like the looks of this model. And, at 30 bucks, it seems kind of pricey.

* The W8AMZ Dipole Antenna Starter Kit (http://www.w8amz.com/W8AMZ_ACC_Page.html) comes a center insulator made from PVC pipe, similar to the Unadilla W2AU ANsulator and two end insulators. It costs \$18.

If none of these strikes your fancy, you can always make your own. WP4AOH has some very good instructions on how to do this using PVC pipe and fasteners that you can find at your local hardware store (<http://wp4aoh.blogspot.com/2012/07/dipole-antenna-center-insulator.html>).

Whatever route you take, I encourage you to keep several on hand and enough antenna wire and coax to complete the antenna. You never know when the urge will strike you to build an antenna, and if you don't have the parts you've missed an opportunity to do some experimenting.

=====

When not checking his stock of antenna parts, you'll find KB6NU working on updates to his "No Nonsense" study guides, blogging about amateur radio at www.kb6nu.com, or working 30m CW.



FEATURE ARTICLE

By Dave Mamanakis (KD7GR)

I had been thinking about getting my amateur radio license for years. Probably since the first time that I ever saw someone use one. I was, maybe, 8 years old. I settled for a "walkie-talkie", but I had to have a willing partner to have a conversation. All I had was younger siblings or friends who weren't as interested as I in the "sport" of using these walkie-talkie radios, so they just sat and gathered dust. It wasn't until years later that I discovered what fun a CB Radio could be. I even had some long distance conversations from atop North Ogden Divide. I had only considered getting my Ham Radio License, and was afraid to try to take the test because of the CW requirement. Strange how someone who learns programming languages for a living and speaks a foreign language would fear learning a new form of language.

This interest I had in Amateur Radio really didn't ever go away. I still thought about it a lot and when I got involved in CERT about 15 years ago, it came up strong again. But for whatever reasons, I still didn't get licensed. Years later I heard they discontinued the code requirement, I thought I might finally go out and get my license. So why did it take me another long while to actually go out and do it? That, I don't really know... maybe its the lack of time; with a job and family and all? Or maybe I just needed to internalize what Ham Radio would be for me; not just emergency services or as a fun hobby, but internally meaningful, how Ham Radio actually means something important, individually, and, potentially, to society as a whole.

Whatever my excuse, I did finally go out and take the test. Just this last December. And I have now taken them all... and I am now pursuing some of the very many aspects of this hobby.

People who know me will tell you that I have a unique perspective when it comes to life. I don't see things as most people do.

Let me try to weave this together so you can understand where I'm coming from.

I took my Amateur Radio License Test, not because *I* decided it was time, but because a friend of mine took the test and passed it. Maybe I am a little competitive that way, but I decided if he could do it, so could I, and so I did! But a funny thing happened on my way to the test... I discovered that Ham Radio is, potentially, one of the most important things to our society, and it isn't being taken seriously by any but who are already actively in the hobby.

I got married back in the 90's. I had a decent job and was finishing school. My wife and I started a family. With each of these life's changes, I started to look at the details of our life in this country just a little more. Not just me and my family and our life and how the things around me are effected, but at how all of it is connected: government, freedom, religion... and then we moved to Washington state to follow a job, and we bought our first house. That is when it kind of hit me; I know own a piece of this country. My own, small little island, but it is MINE. I started to see some of the problems in our society quite differently. Now, I don't want to turn this into a political argument, so I will simply say that I believe many of our problem have been brought about by apathy. And apathy has lead us to a point where we have lost 4 very important social attributes:

1. Personal Responsibility
2. Common Courtesy
3. Mutual Respect
4. Communication Skills

I've listed them in no particular order, but if you look at how things have progressed in the past few years, you can see what I mean. The news headlines are rife with stories of this group hating that group, of these people attacking those people, kids committing crimes, the lack of respect and tolerance shown between individuals of different religions, ethnicities, political parties, backgrounds, ages, sexual preferences, etc. Things that used to be meaningful and important in our society have been replaced with materialism and selfishness. Things we used to value in our society have been abased.

Ok, enough with the doom and gloom.

Those of you familiar with mythology will know the story of Pandora and her box. The one thing left for man within her box was/is HOPE.

I received a little bit of this hope from an unlikely source as I studied for my Amateur Radio General License. I learned that Amateur Radio teaches about Respect, Courtesy, and Responsibility. It has the opportunity to teach valuable communication skills. It gives us the opportunity to get involved in the community, and with the governing of our "little island" in this country.

There are many types of rules that we should follow in life to get along with everyone else around us: "rules of the road", "gentleman's rules", "Robert's rules", "debating rules", etc. By following these rules, we show respect, responsibility, courtesy and proper communication skills. But, sadly, in many aspects of our lives, these rules are being ignored or even attacked as being "archaic". People seem to be more interested in their own opinions and in "being right" than they are about listening and understanding, true communication, respecting others around them, and in seeing value in diversity.

Amateur Radio also has a set of rules. As a Ham Radio Operator, I am "governed" by Title 47, Chapter 1, Part 97 of the FCC's rules. Within that set of rules we have the following:

Title 47, Chapter 1, Part 97, Subpart a, 97.1:

The rules and regulations in this part are designed to provide an amateur radio service having a fundamental purpose as expressed in the following principles:

- (a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.*
- (b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.*
- (c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art.*
- (d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.*
- (e) Continuation and extension of the amateur's unique ability to enhance international goodwill.*

Isn't that fantastic? A whole set of rules to do just one thing... let us, the Amateur Radio Community, decide what is best for *US*. We are "self governing" within those few rules that exist in Part 97. We are "self policing" with organizations like ARRL and the Official Observer Program, the Amateur Auxiliary. We work very hard to keep the FCC, the government, out of our affairs. And, it works! Nearly everything dealing with Amateur Radio is Volunteer based. There are people who want to participate and take on some responsibility and fulfill some role: from the AA's and VE's (and VEC's) to ARES and RACES and other ERC groups. The Amateur Radio Community is truly extraordinary!

The Ham Community is set up to help those within the community, from new users to old hats. We have organizations to help us learn and understand the rules; like the ARRL and local affiliates, like the OARC, the Utah VHF Society, the UARC, the DCARC, and all the many others here in Utah and around the Country. There is an unofficial "mentoring program" where "Elmers" help the noobs (like me). The Amateur Radio community becomes the best of society; people looking out for others, volunteering to help, taking responsibility for their actions, setting the example, waiting their turn, listening to others without interrupting, and, to top it all off, we encourage innovation, experimentation, and education.

Let me see if I can give an example of what I mean:

The first week after I got licensed, and got my little HT radio, I participated in my first net. I wasn't sure how things would work, this was a new experience, after all. I understood there would be a "Net Controller" but I had no idea what that really meant or what, exactly, I should do or expect.

The net I participated in was the World Friendship Net (449.425 MHz, M-F @ 6pm MST). The first thing the Net Controller did was to thank all those involved in making the net possible; the irlp connection, the group owners, the use of the repeaters, the use of the Western Reflector, and all others that made it possible for us all to "meet together" on the radio that evening. Then he explained the rules of conduct; key the mic, wait a second, say "net control, this is AB#XYZ" but use phonetics for your call sign (Alpha Bravo # Xray Yankee Zulu), and to notify him if you are "short time" or "mobile" so that he could get to you first, and to wait a few seconds between "checking in" so as not to trample on others trying to check in.

As people "checked in" the Net Controller put everyone on a list. He said what he wanted to say. (In these nets, the NC can set the topic or ask a question, or open the forum to just "check in" or whatever.) Then he started at the top of the list and asked us to "take the mic".

Everyone then took turns, saying what they want to say, participating in the topic of discussion, or just saying "hi". After they finished, they "passed the mic back" to the Net Controller, and he made some more comments, and moved on down the list. At the end of the list, it all started over, with another call to "check in", and a quick reminder of how to do so.

The whole operation of the net was smooth, orderly, polite, and wasn't controlled by anything but common courtesy, mutual respect, and personal responsibility... and because you have to say what you want to say, in a short time to allow others to participate, you (may) actually say something meaningful. (whatever "meaningful" is it is defined by you...)

My experience confirmed what I had expected from my study and my limited understanding. I was, to say the least, impressed.

I believe there are so many benefits to learning Amateur Radio and getting licensed, we should be teaching it in school and getting our young people involved and licensed early on, maybe as early as Junior High School, but definitely no later than High School. It should be taught right along with Debate and Life's Skills.

What we need is more tolerance and respect, and I believe Amateur Radio is one way to obtain those attributes.

--Dave Mamanakis (KD7GR)

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			
FREQ	CLUB	TON E	LOCATION
146.900-	OARC	123.0	Mt Ogden
448.600-	OARC	123.0	Mt Ogden
146.820-	OARC "Talk-in"	123.0	Little Mtn (w/auto patch)
448.575-	OARC	100.0	Little Mtn (w/auto patch)

OTHER AREA REPEATERS			
FREQ	CLUB	TON E	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 ARES	ogdenarc.org/ join.html#ares	2 nd Thursday 06:30 pm	Weber Co. Library Ogden Utah
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
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 @ 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	CSEARG	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: Gil Leonard NG7IL

Vice Pres: Jason Miles KE7IET

Secretary: Larry Griffin AD7GL

Treasurer: John Shupe K7DJO

Program Director:
Pete Heisig WB6WGS

Activity Director:
Mike Taylor KE7NQH

"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: John Shupe K7DJO

QSL Manager: John Shupe K7DJO

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