



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

NOVEMBER 2020

Next Club Meeting/Activity

Inside...



Dave Mamanakis KD7GR
President



Justin Hall KB7LAK
Vice President



Barbara Siddle KB7FWW
Secretary



J. Siddle KG7CJN
Treasurer



Mike Wilde KJ7HEX
Program Director



Todd Shobe KW7TES
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETING/ACTIVITY

October Activity

SSTV

Slow Scan Television

NEXT CLUB MEETING/ACTIVITY

OARC

November Activity

Keep clicking...

PREVIOUS MEETINGS PICS

Photos by ... **photographers have been quarantined**

“Previous Meeting - pictures” ...

Photos located on the club web site home page.





OARC COMING EVENTS



Next Activity

One more click...

Next VE Test Session

1st Wednesday 03 February 2021 @ 6:00 PM

CLUB NEWS

OARC

November Activity

OARC Meeting/Activity - November

3rd Saturday 21 November 2020

A training and review of personal pages on qrz.com.

This will be done as a Zoom Meeting.

Mike Wilde KJ7HEX, Todd Shobe KW7TES & Justin Hall KB7LAK will present.

Open for questions as they go.

Check club website for Zoom login details as they become available.

Stay tuned to the Club Website and the Ham & Eggs Net.

Dave's Rag Chew



Dave Mamanakis KD7GR

My Good Friends!

I wanted to share my ham radio experience with the Moab 240!

I've helped support the Moab 240 for a couple years now, and I really enjoy the time we spend "out in the wild"! As I've mentioned, nothing more fun than combining 2 of my favorite activities: Camping and Ham Radio!

I've included a picture of my set-up... but I'm not sure how detailed it will look once printed... but I've done a few things to help make camping easier when the goal is to operate radio!

First off, I try to plan for everything! I fail, but I try. This year I could have really used a shovel. A simple shovel. The question is, should I run out and buy one of those fancy "survival shovels" or just head over to Home Depot and pick up a nice "regular" shovel? I haven't decided yet.

But I take enough cloths to make sure I can stay clean and dry. I take First Aid supplies, even though I might not need those as the Aid Stations have medics on location... I'll have to think about not taking my stuff and saving the room for something else? Maybe I'm paranoid, but there are some things I would HATE to be without, "just in case", you know?

I take good boots. And I'm glad I did! There are these little bushes that have these sharp little pointy things on them, and they messed with my shoes... the boots didn't care.

And, I always take my extra radio (HT) along with my Mobile radios (FTM-400XDR and FT-857D) ... but I had to do some rejiggering. My radios live under the seats in my Truck. But I didn't want to spend my time sitting in the truck to use the radio. I brought a battery, solar panel to charge it, and a table (with a canopy if I needed it). I brought my radio tools and had to build some power cables... my little tool kit includes cable ends, connectors, tools and Anderson Power Pole connectors. I spliced in a few of those, and now I can remove my radio and be operational outside of my truck in just a few minutes!

I need to do that with the 857 next!

I'm going to work on my "go box" this winter. It will make this kind of transition easier. I found I need power distribution... and a better way to hook up the solar charger. I think that is the only part I just didn't have, so I did the best I could... I "scavenged" the power distribution out of the truck, so that was time consuming, not difficult... but why make my life hard?

I have a tent that is made to be put up in the back of the truck, in the bed... it isn't perfect, but it does work. I'm thinking I might prefer to get a higher quality canvas tent... it might cut down on things I need to take... set up the radio in the tent, for instance, instead of under a canopy and have a tent.

It really doesn't matter, however, my truck is very large and can carry more stuff than I could use, if needed. But I'm looking at simplicity.

The fewer things I need to remember to pack, the easier my life is. Right?

I brought a little food. The aid stations feed us, but sometimes they concentrate on the “high carb” foods, while I’m trying to do “no carbs”...

I brought water and extra fuel, and several other things.

My favorite thing this trip was the antenna setup. I bought an “umbrella holder” that attaches to the receiver hitch on the back of the truck. I have purchased several of those fiberglass poles we use in the club to make an antenna mast. I put my antenna up about 20 feet, this trip. I could go up much higher. The umbrella holder holds the first 4’ section about half way up, and the bottom rests on the ground. I build a “topper” for the antenna that is made of PVC to hold my antennas and the guy wires. I have another one that can be guyed, if needed, but for only 20 feet, it wasn’t necessary. I use the truck to guy 2 wires, and the extra fuel and water to support the 3rd. It worked well! We had a storm come through which destroyed 3 canopies, but my antenna was fine!

Well, ok, I’ve rambled on. I guess I should wrap up with my “lessons learned”...

- 1) Plan for everything
- 2) Make a list of the things you forgot so you can include them next time
- 3) Go out and have fun!
- 4) Enjoy building things for ham radio
- 5) Once you’ve done all the planning, GO OUT and TETST it. Make notes of the things you want to change. Then make those changes.

I had fun! They are always looking for help! If you’d like to spend a few days to a week in Moab, it is a nice way to do it! If you are interested, send me your information, I’ll forward it to Ed!







Just some final thoughts!

- 1) Thanks, Gil, for your presentation on SSTV! I found it fun! Something NEW!
- 2) I'm not sure what we have planned this month for the Club Meeting... but we'll do something!
- 3) Be sure to reach out to your elected representatives, the ARRL, and the FCC about a couple things they have going:
 - a) charging \$50 for Ham Radio License
 - b) selling off Amateur Bands

Thank you all for participating in the Club! We are hoping things get back to normal soon!

--Dave (KD7GR)

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

CLUB NEWS

10 Meter Net

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

10 Meters HF - **28.385 MHz SSB (USB)**

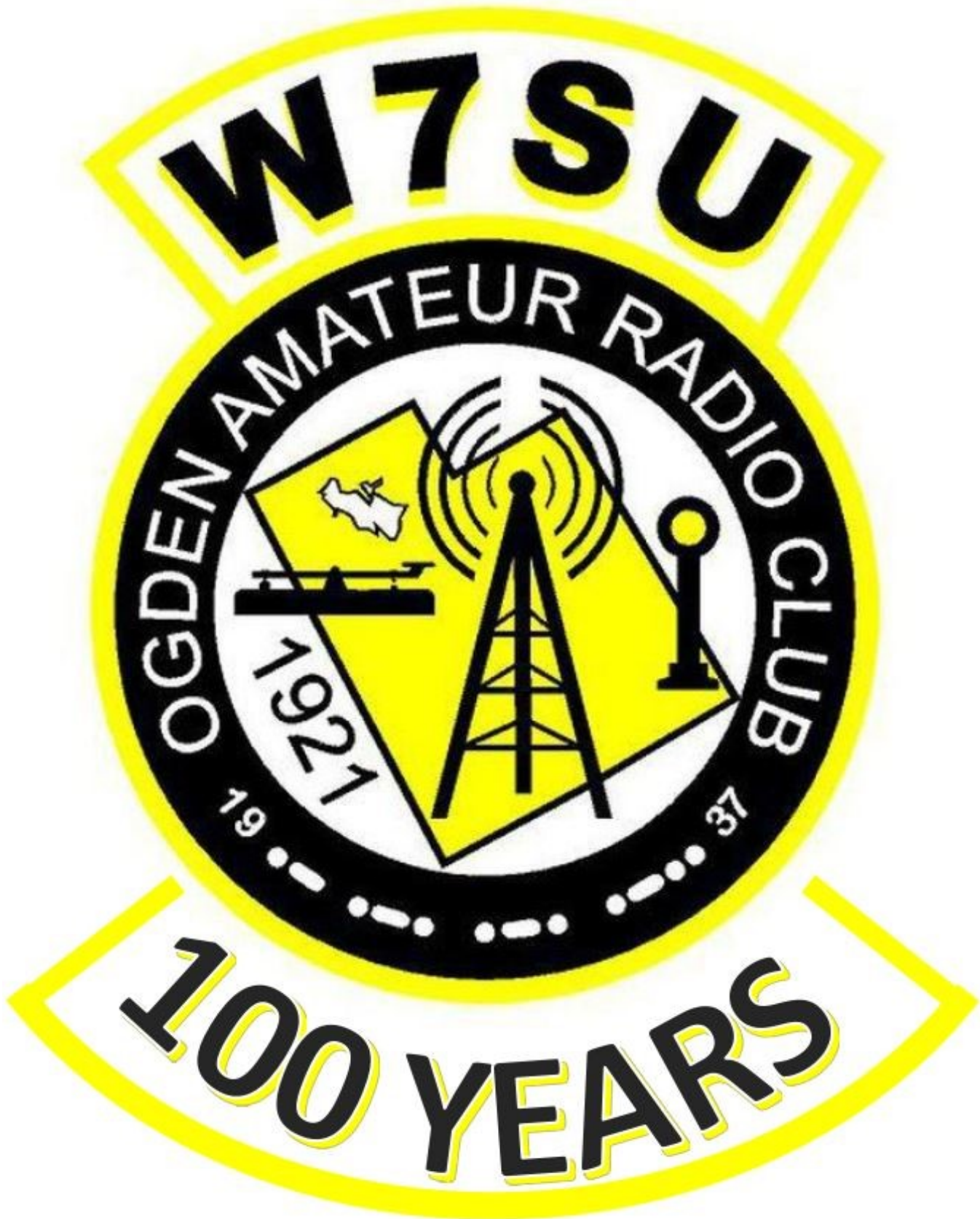
Purpose is to promote activity on the 10 meter band (especially during low sunspot activity).

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.

Questions and Net Control: Gene WB7RLX, ee_morgan@outlook.com

CLUB NEWS

OARC 's new 2021 Centennial Club Logo



CLUB NEWS

OARC 's new 2021 Centennial Club Patch



Club News

Ogden Amateur Radio Club *Centennial 2021* *QSL Card Contest*

The Ogden Amateur Radio Club Centennial Committee would like to announce a QSL card contest. The Centennial committee will be scheduling a special event station to celebrate the 100-year mark for the OARC. Tentative date May 15, 2021. The final card design will be printed and mailed to all over the air radio contacts who request a card.

This contest is open to all club members. Contest will run from September 1, 2020 until April 15, 2021. Voting for the winning design will be held online to determine the final card design. In the event of a tie, the final winner will be determined by the board.

Original artwork, photographs, and drawings are all welcome. Desired theme should be radio related, and emphasize the Centennial milestone of the club.

Scoring will be based on: Originality. Centennial Theme. Aesthetic quality.

Grand Prize

\$100

All entries will become the sole property of the Ogden Amateur Radio Club.

Submit all entries electronically to:

w7su@arrl.net

Club News

Centennial OARC 100 Year Polo (Golf) Shirts (w/collar) with OARC Logo



OARC Website - ORDER ONLINE NOW!



Must order before 01 December 2020

Go to OARC Website to order: <http://OgdenARC.org>

CLUB NEWS

**Congratulations to those who successfully tested
at the October 2020 Weber County VE Test Session.**

NAME	CLASS	CALL
Hizer, Kevin J	Extra	KI7EXO
Butler, David C	General	KJ7RMO
Nance, Susan	General	KJ7RJA
Hizer, Nathaniel S	Tech	KJ7RJD
Hutchinson, Mark	Tech	KJ7RIZ

CLUB NEWS

Announcement: End of Yahoo Groups ✕

We're shutting down the Yahoo Groups website on December 15, 2020 and members will no longer be able to send or receive emails from Yahoo Groups. **Yahoo Mail features will continue to function as expected** and there will be no changes to your Yahoo Mail account, emails, photos or other inbox content. There will also be no changes to other Yahoo properties or services. You can find more information about the Yahoo Groups shutdown and alternative service options on this [help page](#).

OK

OARC Members,

Yahoo is bringing to an end Yahoo Groups so we will no longer have our OARC Yahoo Group. Not to worry, Google has a Google Groups which works almost exactly the same as Yahoo Group.

Sign up and use the OARC Google Group to Send/Receive OARC member communications between your fellow members.

OARC has recently started sending your club communications directly to your email address that is the email address on record of your membership so OARC no longer will be using Yahoo or Google Groups method of distribution.

Click on the Google Groups ICON at the bottom of the OARC website home page and sign up.



Send/Receive OARC member communications between your fellow members

CLUB NEWS

Ham Shack Photos

Last month the unidentified Ham Shack Photo was ...

Lonnie N0INC

Kathy K8RYN



CLUB NEWS

Ham Shack Photos

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

Do you know whose ham shack this is?



CLUB NEWS

STILL WANTED

Ham Shack Photos

We want you to submit pictures of your ham shack to us for future publication in the club newsletter. Submit home ham shack, mobile ham shack, handheld ham shack. Antennas too.

I will keep the submissions anonymous if you prefer.

My thinking is that I would publish one-set of ham shack pictures each month with the idea that all viewers could privately try to guess whose ham shack was featured that month.

I think it will be interesting to see the wide variety of equipment that each of us has chosen to populate our hobby work space with. This could be invaluable to each of us as we make future decisions about equipment upgrades.

Thank you in advance. 73, Val K7HCP

Submit to

k7hcp@arrl.net or w7su@arrl.net

Or

801.389.0690

So How About it?

Send me your Ham Shack Photos soon.

CLUB NEWS

OARC Members,

I just electronically submitted my opposition to the fee increase with help from this document at ARRL.

http://www.arrl.org/files/file/Regulatory/ARRL_Guide_to_Filing_Comments_with_FCC_Oct_2020.pdf

It was very easy to do.

Deadline is November 16, 2020

73 de Gil

NG7IL

HOBBY NEWS

ARRL Urges Members to Join in Strongly Opposing FCC's Application Fees Proposal

ARRL will file comments in firm opposition to an FCC proposal to impose a \$50 fee on amateur radio license and application fees. With the November 16 comment deadline fast approaching, ARRL urges members to add their voices to ARRL's by filing opposition comments of their own. The FCC *Notice of Proposed Rulemaking* ([NPRM](#)) MD Docket 20-270 appeared in the October 15 edition of *The Federal Register* and sets deadlines of November 16 to comment and November 30 to post reply comments, which are comments on comments already filed. ARRL has prepared a [Guide to Filing Comments with the FCC](#) which includes tips for preparing comments and step-by-step filing instructions. File comments on MD Docket 20-270 using the FCC's Electronic Comment Filing System ([ECFS](#)).

Under the proposal, amateur radio licensees would pay a \$50 fee for each amateur radio application for new licenses, license renewals, upgrades to existing licenses, and vanity call sign requests. The FCC also has proposed a \$50 fee to obtain a printed copy of a license. Excluded are applications for administrative updates, such as changes of address, and annual regulatory fees. Amateur Service licensees have been exempt from application fees for several years.

The FCC proposal is contained in a *Notice of Proposed Rulemaking* ([NPRM](#)) in MD Docket 20-270, which was adopted to implement portions of the "Repack Airwaves Yielding Better Access for Users of Modern Services Act" of 2018 — the so-called "[Ray Baum's Act](#)." The Act requires that the FCC switch from a Congressionally-mandated fee structure to a cost-based system of assessment. In its *NPRM*, the FCC proposed application fees for a broad range of services that use the FCC's Universal Licensing System (ULS), including the Amateur Radio Service. The 2018 statute excludes the Amateur Service from annual regulatory fees, but not from application fees. The FCC proposal affects all FCC services and does not single out amateur radio.

ARRL is encouraging members to file comments that stress amateur radio's contributions to the country and communities. ARRL's [Guide to Filing Comments](#) includes "talking points" that may be helpful in preparing comments. These stress amateur radio's role in volunteering communication support during disasters and emergencies, and inspiring students to pursue education and careers in engineering, radio technology, and communications.

As the FCC explained in its *NPRM*, Congress, through the Ray Baum's Act, is compelling regulatory agencies such as the FCC to recover from applicants the costs involved in filing and handling applications.

In its *NPRM* the FCC encouraged licensees to update their own information online without charge. Many, if not most, Amateur Service applications may be handled via the largely automated Universal License Service (ULS). The Ray Baum's Act does not exempt filing fees in the Amateur Radio Service, and the FCC stopped assessing fees for vanity call signs several years ago.

See also "[FCC Proposes to Reinstate Amateur Radio Service Fees](#)," reported by ARRL in August, and a summary page of the proceeding at www.arrl.org/FCC-Fees-Proposal.

HOBBY NEWS

Technician Licensing Course

The Davis County Amateur Radio Club is pleased to announce that they will be sponsoring a Technician Licensing Course.

It will be held at Layton City Office 437 Wasatch Dr., Layton 84041.

There is no cost to take the course. Pre-registration is required due to social distancing limitations.

We will be using The Technician License Course (2018-2022 Pool) book by Stu Turner. The books sell for \$22.95 plus shipping if you order them online. The Davis County Amateur Radio Club has some available for \$20.00 at the class.

The course starts on 21 Oct 2020 every Wednesday evening from 6:00 – 8:30 PM thru 25 Nov 2020.

For more information contact Spencer Mark at ae7io@arrl.net or 801-564-8054.

FEATURE ARTICLE

Question:

**What did a Marconi wireless telegraph machine look like?
Are there any in existence on this side of the water?**



Submitted by Rick N7EGA

NORFOLK, Va. (AP) — People have been diving to the Titanic's wreck for 35 years. No one has found human remains, according to the company that owns the salvage rights. But the company's plan to retrieve the ship's iconic radio equipment has sparked a debate: Could the world's most famous shipwreck still hold remains of passengers and crew who died a century ago?

Lawyers for the U.S. government have raised that question in an ongoing court battle to block the planned expedition. They cite archaeologists who say remains could still be there. And they say the company fails to consider the prospect in its dive plan.

"Fifteen hundred people died in that wreck," said Paul Johnston, curator of maritime history at the Smithsonian's National Museum of American History. "You can't possibly tell me that some human remains aren't buried deep somewhere where there are no currents."

The company, RMS Titanic Inc., wants to exhibit the ship's Marconi wireless telegraph machine. It broadcast the sinking ocean liner's distress calls and helped save about 700 people in lifeboats.

Retrieving the equipment would require an unmanned submersible to slip through a skylight or cut into a heavily corroded roof on the ship's deck. A suction dredge would remove loose silt, while manipulator arms could cut electrical cords.

RMS Titanic Inc. says human remains likely would've been noticed after roughly 200 dives. "It's not like taking a shovel to Gettysburg," said David Gallo, an oceanographer and company adviser. "And there's an unwritten rule that, should we see human remains, we turn off the cameras and decide what to do next."

The dispute stems from a larger debate over how the Titanic's victims should be honored, and whether an expedition should be allowed to enter its hull.

In May, a federal judge in Norfolk, Virginia, approved the expedition.

U.S. District Judge Rebecca Beach Smith wrote that recovering the radio "will contribute to the legacy left by the indelible loss of the Titanic, those who survived, and those who gave their lives."

But the U.S. government filed a legal challenge in June, claiming the undertaking would violate federal law and a pact with Britain recognizing the wreck as a memorial site. U.S. attorneys argue the agreement regulates entry into the wreck to ensure its hull, artifacts and "any human remains" are undisturbed.

The case is pending before the 4th Circuit Court of Appeals in Richmond.

The Titanic was traveling from England to New York in 1912 when it struck an iceberg and sank in the North Atlantic. The wreck was discovered in 1985.

Over the years, explorers have sent remotely operated vehicles into parts of the ship. During his 2001 expedition, film director James Cameron surveyed the area in a deckhouse that holds the telegraph equipment, according to court documents filed by the company.

People on both sides of the human-remains debate claim the issue is being played down — or up — to support an argument.

RMS Titanic Inc. President Bretton Hunchak told The Associated Press the government's position is based on emotion rather than science.

"Issues like this are used simply to raise public support," Hunchak said. "It creates a visceral reaction for everybody."

The firm is the court-recognized steward of Titanic artifacts, overseeing thousands of items including silverware, china and gold coins.

"This company has always treated the wreck as both an archaeological site and a grave site with reverence and respect," Hunchak said. "And that doesn't change whether in fact human remains could possibly exist."

Gallo said remnants of those who died likely disappeared decades ago.

Sea creatures would've eaten away flesh because protein is scarce in the deep ocean, and bones dissolve at great ocean depths because of seawater's chemistry, Gallo said. The Titanic sits about 2.4 miles (3.8 kilometers) below the surface.

Yet whale bones have been discovered at similar depths, as were human remains on a 2009 Air France plane that crashed into the Atlantic.

"But generally that doesn't happen," said Gallo, who previously worked at the Woods Hole Oceanographic Institution and has been involved in several Titanic expeditions.

Archaeologists who filed court statements supporting the government's case said there must be human remains, and questioned the motives of those casting doubts.

Johnston wrote to the court that remains could be "within the confines of the wreck or outside in the debris field" in areas lacking oxygen.

In an interview, Johnston said the company doesn't want "anyone to be thinking about human remains. They want people to think, 'Oh cool. I have new artifacts to show the public.'"

David Conlin, chief of the National Park Service's Submerged Resources Center, also filed a statement against the expedition.

Conlin told AP "it would be scientifically astounding if there were not human remains still onboard that ship."

He said wrecks older than the Titanic have contained remnants of crew or passengers.

Eight sailors' remains were discovered on the H.L. Hunley, a Confederate submarine that sank in 1864. And human bones were found at a first-century B.C. freighter wreck near the Greek island of Antikythera.

"Very deep, cold, low-oxygen water is an incredible preservative," Conlin said. "The human remains that we would expect to find are going to be in the interior spaces that are more difficult to access, where the preservation will be both tragic and spectacular."

FEATURE ARTICLE



Scott KD7EKO

During the very harsh wind storm in September, 2 different antenna mounts were broken that I assisted in repairing, one is the 448.575 repeater antenna and the other is the tower that holds Andrea's HF beam over on Old Post Road in the south end of Ogden.

Jerry mentioned to Mike Fulmer and myself that it seemed like the 448.575 wasn't receiving as well as it was before the wind storm so Mike and I went out to Little Mountain and found that Jerry was absolutely correct. The temporary mast that Mike and I installed for the "receive antenna" had broken, you can see the antenna laying down and touching the ground in the picture. Mike removed the mast and it lowered the receive antenna a little but it's still working perfectly even with the lowered position on the tower.

The other damage from the wind was the tower at Andrea's place got bent in the wind, it had guy ropes on the tower and the wind probably would not have bent/broke the tower but a large branch broke off of a tree and fell on one of the guy ropes and pulled the tower in that direction and bent the aluminum tower. So Stan, Gene, Justin, and myself went over there and I took my 40 foot boom lift to assist in lowering the tower and once it was lowered, we had to cut off about 6 feet of the top section of the tower that was bent and then later on a different day or multiple days, Stan continued more by himself in the rest of the repairs needed on the tower.

Scott KD7EKO

Continued ...





FEATURE ARTICLE

by Jerry Cottrell KG7IGW



Improving the Performance of Your Handheld

By Jerry Cottrell KG7IGW

If you are an experienced ham, this article is probably not for you. But if you recently got your license and you are still trying to figure out the basics, you might just pick up a few usable pointers here.

Most hams start off by using handhelds, also referred to as a handy talkies (or HTs, for short). These HTs are small, light, and give you the ability to take your hobby almost anywhere! But sooner or later, chances are you will find that you are not able to hit that repeater that you want to communicate on. Or your friend who is hiking the next mountain range over from you cannot copy your simplex signal. What do you do then? Some might just say, "Oh well, I guess that is beyond the ability of my HT." Maybe... but maybe not. Here are some low-cost or even no-cost options to try:

With VHF/UHF, height makes might!

Seek higher ground. This technique is commonly used by the military in the field as well as hams. You might be surprised at how much better your signal is copied if you gain a little height... and sometimes, it doesn't take much to improve the signal.

Use a handheld mic. A handheld mic can improve HT performance since it will allow you to hold your HT over your head while communicating. The additional 2 ½ feet or so of height may very well improve your signal.

Use an external antenna. If you have a tri-pod, put that antenna on it and run it up! Or, if you have a length of rope, you can get your antenna up higher by suspending it from a tree limb.

Change bands. In an urban setting, with trees, bushes, hills, and houses to obstruct your signal, you might find that you cannot get a 2m signal out, but 70cm may be no problem.

Make a counterpoise. Sometimes referred to as a tiger tail, a counterpoise was my first ham project; it was something that even I, with low skills, could easily manage. There is nothing to it. Cut a wire measuring 19 ¼ inches and attach it to the antenna stud on your HT. I put an appropriately sized ring terminal on the end just to keep it neat and give a more solid contact. Then let that counterpoise just hang down. Tiger tails don't look particularly pretty, but they improve both reception and transmit capabilities when you need a little extra.

Similar to a counterpoise, I inadvertently discovered that leaning on the hood of my truck while using a handheld improved my signal! Resting my arm on the metal hood provided the "other half" of my antenna. I discovered this while I was testing the limits of my HT with a friend who was also on an HT. I was outside my home in South Ogden and my friend was outside his home in Sandy. We could hear each other breaking squelch as well as a little audio but neither of us could make much sense of what the other was saying. Then, for no reason other than laziness, I leaned my elbow on my truck and suddenly, my friend said he could hear me and he wanted to know what I had done differently! There was still a lot steam in our signals, but he could copy me and I could copy him... HT to HT... simplex on 70cm with both of us having our feet on the ground. That was a 48-mile trip and we were both using 5w Tx.

Keep your antenna straight up and down (vertically polarized).

Ditch the duck! The ubiquitous rubber duck antenna has been derisively described as nothing more than a dummy load. This is not entirely fair because oftentimes, the rubber duck will do just fine. But, if you are having problems communicating, consider acquiring a better antenna.

Get your HT off your belt! The human body does a pretty good job of attenuating a signal. So, if you are having problems being heard, get your HT off your belt and into your hand.

Move around/Don't move around. When using an HT, a few feet can make a huge difference. If you are not being heard, find out if another position nearby will enable your signal to get out. Then, once you are communicating successfully, STOP moving around. Learn specifically where you can get your signal out and go back to that location when you need to communicate. For example, when I am sitting straight up at my desk, I have no problem hitting the 448.600 repeater even though my office is in the basement of my home. But if I lean back in my chair (even when I am careful to hold the antenna vertically), my signal often drops and fails to hold the repeater. Then when I sit up straight again, no problem! I am not smart enough to be able to explain why this happens, but I am smart enough to repeat what works and avoid what doesn't work.

A fully charged battery will send out a stronger signal than a partially depleted battery. So, if you need to make contact and you have a spare battery, pop in your fully charged battery to see if it makes a difference.

Use a Yagi. A Yagi will improve your signal significantly. Commercial Yagis can be costly, but there are inexpensive do-it-yourself (DIY) alternatives. There are instructions on the web for making both 2m as well as 70cm tape measure Yagis. They are relatively simple DIY projects and they work really well.

As I discussed this topic with Gil (NG7IL), he mentioned that reading the operating manual can also help. You might find out things you didn't know that will have a bearing on your signal getting out. For example:

His Yaesu FT 817 will only transmit on 2.5w if powered by the internal battery. But hooked to an external battery, it will produce a full 5w signal.

Similarly, he found that an older Kenwood HT rated at 5w would actually produce 7w or 8w if powered by a 12v battery.

These are just some of the things I have observed. I am sure that others who are smarter than me can add to this list... and I hope that they will!

73, Jerry KG7IGW

FEATURE ARTICLE

by **Kent Gardner WA7AHY**



The 100 Year Storm of 2020

The following story relates to the storm on Labor Day 7 September 2020.

To set the stage:

Lauralee and I were camping in our trailer in Bear Lake, Idaho over the Labor Day weekend. We had intended to stay until Tuesday so as to miss the heavy traffic headed home on Monday. The weather report however; changed our minds. The storm was to bring a rapid temperature drop of over 30 degrees, maybe to freezing and the winds would be strong.

We hurriedly packed up, but going through Logan Canyon didn't seem safe, in that the I-15 freeway around Brigham City to Ogden was under a high-profile vehicle wind warning. Several dozen trucks had blown over. We ended up following Wally and Sherry to Pocatello where we stayed the night. We left the trailer there because the high wind warnings were still in effect. We stayed one night at home making sure everything was under control. We then went back to Pocatello and stayed another night and then brought the trailer home safely that next day. It turned out the we were without any electricity for about five days and internet for six.

The storm blew over hundreds of trees everywhere; especially along the West side of the mountains from Centerville to Brigham City. It was especially bad here in South Ogden. Blue Spruce constituted about 80 percent of the trees that were uprooted and blown over.

Anyway, the following pictures show the damages.



Minimal problems in front yard. Just leaves.



The arbor frames have blown over before, so wasn't unexpected. The garden got beat up but not too badly.



I covered the garden for two nights when there was a freeze warning, but temperatures only got down to the lower 40s. The plants looked a little peak-ed since we were gone and/or the sprinkler controllers were not operatable because of no power.



The gazebo cover was blown off and the screen curtains didn't fare very well and the chairs etc really got tossed around.



80 % of the pears were blown off the tree. The pears weren't quite ripe, but they will ripen okay on our window sills.



About 80% of the peaches were also blown off the tree. They, however; are ripe enough for good eating.



The neighbors spruce tree fell on my plastic tool shed and the Northwest corner of the ham shack. I have part of it cut away from underneath. The law and/or insurance says that I am responsible for what is on my property. I went to use my chainsaw, but it wouldn't start. I finally got it working after about two hours of working on the carburetor and the interlock switch on the throttle. Notice how the 2x4 framework is pushed to the left and the antennas are bent. The NW rain gutter was bent, but the ham shack, basically, is okay.

The following picture shows how two of the neighbor's trees fell on the power, telephone and cable lines. A contractor tree crew cut both trees back to get them off the utility lines. Once they were off, it wasn't six hours before the lights came on, now that the safety trimming freed up the power lines.



This is what I have to cut through. Trunk is about a foot thick.



This shows the neighbors plastic fence.

The following picture shows just how super-human the Rocky Mountain Power crews were in getting at least a four-block area new poles. The storm snapped several and others were split. The crane was enormous. It replaced three poles from one parking spot on the road. The hardware for the poles was preinstalled on the ground and dropped in pre-drilled holes. Lineman then climbed the poles using climbers and safety belts and hooked up the downed house drops and rewired some spans with new main lines. The crane could reach 170 feet horizontally. Amazing.



The white bucket truck looks like it is holding up the crane boom, but it is separate.

Moral of the story. Don't plant spruce trees unless they are far from houses or utility lines.

Kent Gardner

Typed 14 September 2020

GUEST ARTICLE

by Dan KB6NU



AMSAT 2020 Space Symposium video now online

The 38th AMSAT Space Symposium and Annual General Meeting was held online on October 17, 2020. I'm kinda bummed about this because I just joined AMSAT, but somehow, I managed to miss this event. Fortunately, the symposium was recorded and is now online, and I've been enjoying watching the video (https://www.youtube.com/watch?v=EHDgrI_w8hY).



The video includes updates on AMSAT projects and presentations on amateur satellite technology. For details on presenter names and presentation titles, visit the AMSAT website. AMSAT members can access the Symposium Proceedings on the AMSAT website as well. (The proceedings for all the AMSAT Symposiums are available there as well, but you do have to be an AMSAT member.)

Here's a list of the different presentations on the video and the times at which they start:

- 0:00:00 Welcome
- 0:02:07 AMSAT GOLF-TEE System Overview and Development Status
- 0:43:02 GOLF IHU Coordination
- 1:19:10 GOLF Downlink Coordination
- 1:50:15 FUNcube Next
- 2:13:50 LunART – Luna Amateur Radio Transponder
- 2:45:35 CatSat HF Experiment Overview
- 3:13:30 Neutron-1 CubeSat
- 3:39:58 Progress and Development of Open Source Electric Propulsion for Nanosats and Pico-sats
- 4:15:00 AMSAT Education
- 5:14:00 ARISS (Amateur Radio on the International Space Station) / AREx (Amateur Radio Exploration)
- 6:14:00 AMSAT Engineering
- 7:21:16 AMSAT Annual General Meeting

So far, I've only watched the GOLF-TEE System Overview and the AMSAT Education presentation. They were both interesting and I'm looking forward to watching the others.

I really hadn't been keeping up with AMSAT lately, so the the presentation on the GOLF project was definitely news to me. GOLF is an ambitious project aimed at sending up high Earth orbit (HEO) satellites. GOLF is short for "Greater Orbits Larger (user communication) Footprints." This is really pretty exciting stuff.

Watching these presentations really gives one an appreciation for the work that goes into the design of these satellites and the technical skills and dedication of the hams working on these projects. These guys are not getting paid to do any of this work, and as Eric Skoog, K1TVV, the GOLF System Engineer said in his presentation, "Space is hard."

=====

Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (KB6NU.Com/study-guides/), and often appears on the ICQPodcast (icqpodcast.com). When he's not trying to work the satellites, he teaches online ham radio classes and operates CW on the HF bands.



FCC Headquarters Relocates

10/19/2020

FCC Headquarters has moved. The new address is 45 L St. NE, Washington, DC 20554. The change is effective immediately. The FCC announced plans to move last spring, but the transition was delayed by the COVID-19 pandemic.

The FCC, like many federal agencies, has its own zip code, so there will be no disruption in mail delivery sent by USPS to the former address. The FCC still prohibits the delivery of hand-carried documents, and all COVID-19 restrictions or instructions regarding access to FCC facilities remain in place at the new location.

“The FCC continues to balance its efforts to be accessible to the public with the need for heightened security and health and safety measures and encourages the use of the Commission’s Electronic Comment Filing System (ECFS) to facilitate the filing of applications and other documents when possible,” the FCC said in an October 15 [Public Notice](#).

Due to the pandemic, the move was accomplished by professional movers without the presence of any employees, all of whom had been working from home. An attempt was made during the summer to let employees back into headquarters for a day to pack up their offices and remove personal belongings, but that plan had to be scrapped after several employees tested positive for COVID-19.

Most FCC staff continue to work from home and are not expected to be physically present in their new offices before next June.

In anticipation of the planned move, the FCC last spring also announced the adoption of a new FCC seal. The redesign is the product of an agency-wide contest that solicited proposals from employees and contractors. The revised design incorporates several elements: communications technologies; four stars on the outer seal border, drawing from the legacy of the predecessor Federal Radio Commission (FRC) seal, retaining the three-wire dipole supported by two towers; 18 stars on the shield, recognizing the current number of bureaus and offices; and the eagle and shield, identifying the FCC as a federal government agency.

Official use of the new seal was to begin following completion of the FCC’s move from The Portals to its new location on L Street NE.



White House Pulls Renomination of Michael O’Rielly to FCC

10/01/2020

The White House has withdrawn the nomination of Republican FCC member Michael O’Rielly for a second term on the Commission. President Donald Trump had nominated O’Rielly for another 5-year term on the Commission last March. No reason was given for withdrawing the O’Rielly nomination, who was initially appointed to the FCC in 2013 by President Barack Obama. The White House has nominated a senior advisor at the National Telecommunications and Information Administration (NTIA), Nathan Simington, to the FCC in O’Rielly’s stead. The FCC has five members. Its chairman is nominated by the President.



O'bay SWAP

GAP Titan DX 8 Band Multiband Vertical HF Antenna

<http://gapantenna.com/shop/antennas/titan-dx/>

FOR SALE: \$200 (negotiable)

CONTACT: James Clarke k7JSC, jsclarkeiv@gmail.com



O'bay SWAP

Hi Utah ARRL Club Contacts,

I have a pneumatic Ham Radio Antenna at my home in Layton, UT.

Would you know of anyone who might be interested in it or have a referral for any resource to sell it?

>>> \$100 OBO <<<

Please feel free to share my contact info: Thank you,

Christopher Robinson: 303-257-4454 pangeaao@hotmail.com

Esther Robinson: 720-577-8704 estherdrobinson@hotmail.com

Mast height: ~16 ft (above ground), ~ 13.5 ft to first knuckle

Mast circumference: 20.5 in

Four tiered, presumed extended height ~ 40 ft

Anchored in ground



O'bay SWAP

OARC O'Bay

www.OgdenArc.org

Steve Kammeyer, K7EMD (sk)



ESTATE SALE continues

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.

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 \$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 prepaid in advance for each badge ordered and specify Call Sign and First Name.

Visit the club website home page Join/Renew tab and fill out a membership application form to order your badge.

Or come to our next club meeting or event and make contact with our club treasurer via club website email to order your club badge.

Club Badges



UNCLAIMED OARC CLUB BADGES

New members have ordered pre-paid club badges that have not been claimed. You can claim your badge at any club function, meeting, activity or event or contact the club badge czar / club treasurer J. Sidle KG7CJN via club website email. If you are reading this and you are one of the following hams, please collect your badge. Even if you are not reading this, come collect your badge.

NO UNCLAIMED OARC CLUB BADGES...

Not sure how to handle this. It has never happened before!

OARC YAHOO GROUP




Did you know that OARC has a Yahoo Group?

We occasionally communicate with our OARC members via the Yahoo Group. Receive email 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 bottom 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 bottom of the club website home page to view recorded meetings preserved for your viewing pleasure.

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 (*)	125 DCS	Mt Ogden (w/WiresX)
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 @ 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	VHF Society Swap	147.120 + 100.0
Tuesday @ 9:00 PM	Bridgerland ARC	147.260 + 103.5
Wednesday @ 7:00 PM	Am-Con Northern Utah	448.600 -123.0
Wednesday @ 8:00 PM	GS ARC	145.290-, 145.430-, 448.300- (all 123.0)
Wednesday @ 8:30 PM	CSERG	145.770 simplex
Wednesday @ 9:00 PM	No. Utah 10m HF net	28.313 Mhz HF USB
Wednesday @ 9:00 PM	6-meter SSB net	50.125 Mhz 6-meter USB
Thursday @ 7:00 PM	OARC - 10 Meter Net	28.385 MHz USB (all hams invited)
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: Dave Mamanakis KD7GR

Vice President: Justin Hall KB7LAK

Secretary: Barbara Siddle WB7FWW

Treasurer: J. Siddle KG7CJN

Program Director: Mike Wilde KJ7HEX

Activity Director: Todd Shobe KW7TES

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

"OARC" web site

Webmaster: Val Campbell K7HCP

OTHER CLUB APPOINTMENTS

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

Repeater Engineers: Mike Fullmer KZ7O
Scott Willis KD7EKO

Photographer: Tim Samuelson KE7DOA
Asst Photographer: Rick Hansen N7EGA

QSL Manager: Pete Heisig WB6WGS

Historian: Kent Gardner WA7AHY

Equipment Manager: Val Campbell K7HCP

Club Call Sign Trustee: Larry Griffin AD7GL

Club Elmer: Stan Sjol W0KP

Centennial Committee Chair:

Gil Leonard NG7IL

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

73 de W7SU

www.OgdenArc.org