WATTS NEWS

The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

DECEMBER 2021

Next Club Meeting/Activity/Events

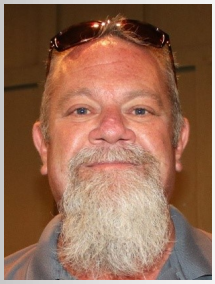
In Person—Club Christmas Party

Dave Mamanakis KD7GR
President

Justin Hall KB7LAK
Vice President

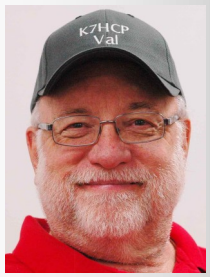
Colleen Pike KJ7EAY
Secretary

J. Siddle KG7CJN
Treasurer



Mike Wilde KJ7HEX
Program Director

Cody Hearell KJ7OHU
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

OARC Watts News Masthead

www.OgdenArc.org

OARC OFFICERS

President: Dave Mamanakis KD7GR

Vice President: Justin Hall KB7LAK

Secretary: Colleen Pike KJ7EAY

Treasurer: J. Siddle KG7CJN

Program Director: Mike Wilde KJ7HEX

Activity Director: Cody Hearell KJ7OHU

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

"OARC" web site

Webmaster: Val Campbell K7HCP
Postmaster: Val Campbell K7HCP
Membership Clerk: Val Campbell K7HCP

OTHER CLUB APPOINTMENTS

VE Liaisons: Richard Morrison W7RIK
Gil Leonard NG7IL
Jason Miles KE7IET (IT)

Repeater Engineers: Mike Fullmer KZ7O
Scott Willis KD7EKO

Photographer: Kathryn Sutton K8RYN

Asst Photographer: Rick Hansen N7EGA

QSL Manager: Pete Heisig AI7GV

Historian: Kent Gardner WA7AHY

Antenna Manager: Gene Morgan WB7RLX

Club Call Sign Trustee: Larry Griffin AD7GL

Club Elmer: Stan Sjol W0KP

Social Media Manager: Wanted

Equipment Manager: Wanted

Centennial Committee Chair: Gil Leonard NG7IL

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

PREVIOUS CLUB MEETING/ACTIVITY

OARC

November Activity/Event

In person - Club Meeting

Station & Tower Grounding

By Gene Morgan WB7RLX

NEXT CLUB MEETING/ACTIVITY

OARC

December Activity/Event

In person - Club Christmas Party

Keep clicking...

OARC COMING EVENTS

ARRL Field Day - June
OARC "T"-Hunt - July
OARC Steak Fry - August

Joint (tri-county) Swap Meet - September

Christmas Family Dinner Party - December

Next VE Test Session

1st Wednesday 02 February 2022 @ 6:00 PM

A MESSAGE FROM OUR PRESIDENT

Dave's Rag Chew

Dave Mamanakis KD7GR

My Friends!

Tis the Christmas Season! I hope you all have some plans to share the season with Friends and Family! Our plans at the Mamanakis Family will be simple this year. We'll stay home and drive each other nuts!

And, as usual, coming into Christmas, I start thinking about how to "have the Christmas spirit". I've talked with members of the Club who all seem to have some of the same ideas, expressed differently, and I wondered if we could give it a name and see what happens?
Let's call it "Ham-it-Forward".
Here's the idea…
Each of us, at some point, was a new Ham Radio Operator. Maybe you are currently a new Operator. AND, each of us might have questions, the desire to try something new, participate in an activity, or we might need help setting up or programming a radio, installing an antenna, doing a mobile setup… or any number of other things involving Ham Radio…
The question is, "where do we go for help"?
We do have several people in the club who have taken the mantle of "Elmer", but with a club of around 200 people, one or two people get spread pretty thin.
So, what the important part is, as we learn, as we experiment, as we build, as we gain experience, we look for ways to share that knowledge with others in the Club!
Basically, that simple.
I know we have all learned new things…
Recently installed an antenna? What did work? What didn't work? Tips and Tricks? And, now that you've done it once, could you help someone do it again?
Programmed a radio? How hard was it? Did you do it manually? By software? Windows, Mac, Linux? What problems did you run into? How did you solve issues?
And, now that you've done it once, could you help someone else do it?

All that would be required is that you think about things you are doing, things you are learning, and see if others, at club meetings, during the Ham-n-Eggs net, on the radio, might be able to benefit from your new experience!
Basically, I'd like to see if there is a way to increase the Elmer Base of our Club. We all learn differently. We all have different experiences. And we can all help our fellow Hams. "Elmer" isn't a professional title. It isn't an appointment by the Club's Board. It is an individual who says, "Hey, I know how to do that, would you like some help?"
Just that simple.

Oh, and don't forget:
This month is our Christmas Party!
December 18, 5pm, City Buffett in Roy!
We'll have some Door Prizes!
AND, if you would like to participate, we usually bring some small gift to be given away during our drawing. Nothing fancy. Not expensive.
In years past, we've seen things from candy to hand made items.
DON'T feel pressured to bring something. This is totally voluntary, not required! It is just for a little fun. Paid Members will be in the Door Prize drawing, and ALL attendees will be in the drawings for these token gifts.

Please Join Us! It is always a good time!
My very first Ogden Amateur Radio Club Meeting was the Christmas Party.

Stay tuned for more information on Winter Field Day!

Please, be safe out there this winter!
If you are stuck inside for the bad weather, you can always get on the radio!

--Dave (KD7GR)

CLUB ANNOUNCEMENTS

CLUB NEWS

HAM and EGGS Net

Tuesday Evenings at 6:30 PM Mountain Time

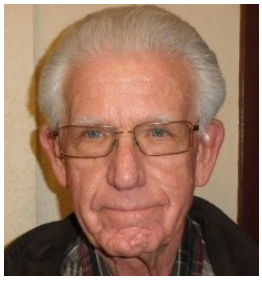
Mt Ogden 70 cm repeater 448.600 MHz (- offset, 123.0 PL Tone)

New, Intermediate & Old Timers. Elmering, Education, General Ham Discussion and Rag Chew.

New hams encouraged to check in. Get connected, learn new things and ask questions.

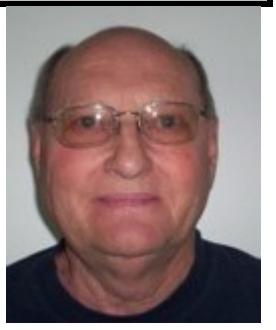
Questions: Larry Griffin AD7GL, ad7gl@arrl.net

Stan Sjol W0KP, stansjol@xmission.com



Larry Griffin AD7GL

Stan Sjol W0KP



CLUB NEWS

10 Meter Net

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

10 Meters HF - 28.385 MHz SSB (USB)

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

To give technician class operators an opportunity to operate phone, and to provide a venue for conversation and experimentation with antenna and ground wave propagation.

NOTICE: "Work toward getting your "10 on 10 Award"

"Work toward getting your "10 meter WAS Award"

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

Gene Morgan WB7RLX

CLUB NEWS

Ham & Eggs Breakfast

Each Wednesday, at a very early 8:00 am, some of the club members meet for an informal breakfast get-to-gather. Everyone is welcome.

Now at a new location:

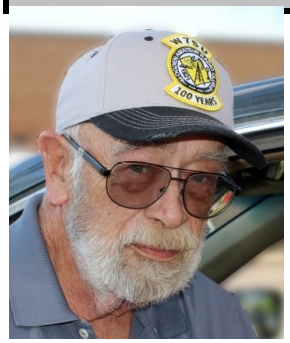
The Rusted Spoon-Ogden (previously The Stagecoach)

1310 Wall Ave, Ogden, UT

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

A record number attended recently … 17 total.

73, Dave KJ7DAD



Dave DeHeer KJ7DAD

PREVIOUS CLUB MEETING/ACTIVITY

CLUB NEWS

November Activity/Event

In person - Club Meeting

Station & Tower Grounding

By Gene Morgan WB7RLX

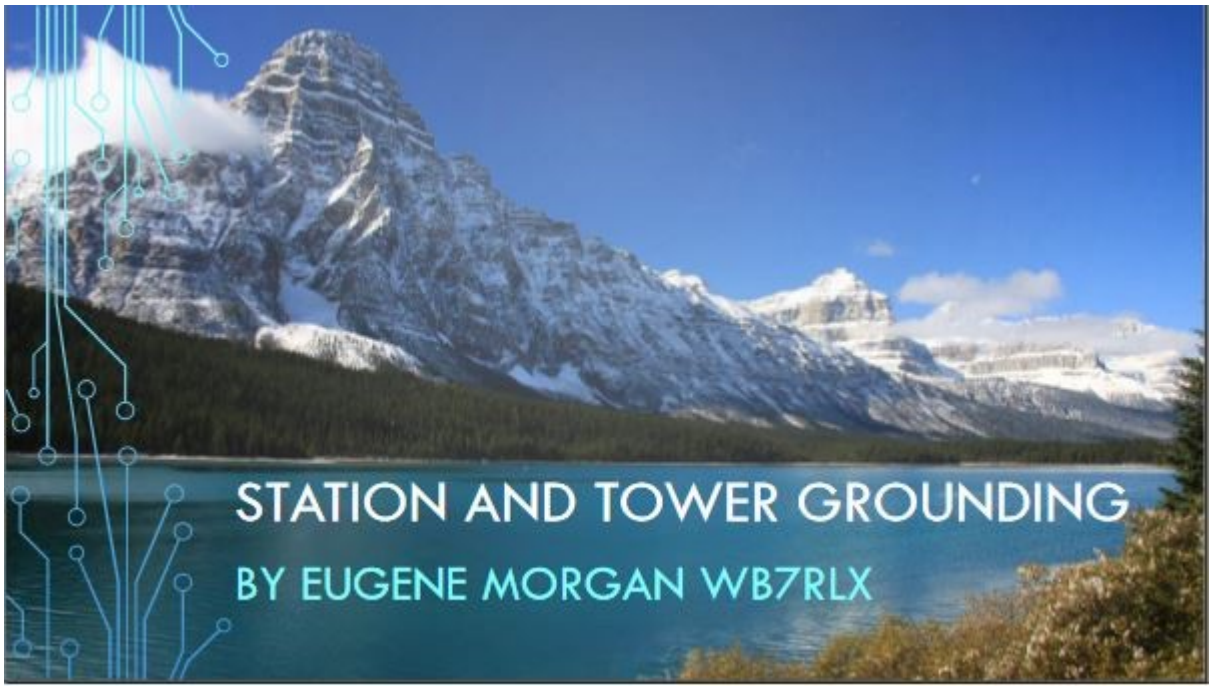


Photo album available on OARC website homepage.

PREVIOUS MEETING PICTURES

Photos by … club photographers

Kathryn Sutton— K8RYN

Rick Hansen—N7EGA

”Previous Meeting/Activity/Event” …

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

OARC needs a Social Media Manager

Volunteer today!

Check out the OARC Facebook page

“Ogden Amateur Radio Club”

NEXT CLUB MEETING/ACTIVITY

CLUB NEWS

OARC

December Activity/Event

December In-Person OARC Family Christmas Party
3rd Saturday 18 December 2021 @ 5:00 pm
Location: City Buffet - Roy Ut (5651 S 1900 W)

City Buffet is an all-you-can-eat Asian food buffet. According to their website the cost for the dinner buffet is: adult $14.95, kids (4-10) $9.95, kids (3) $2.50, kids (under 3) free, drink is additional $2.50. They also advertise a senior citizen (60 and older) discount of 10% off!

Bring a token gift to share. Thank You!

GRAND DOOR PRIZES: $500

NOTE: [Must be present to win. Paid-up members only])

Check the club website homepage for the latest information.

CLUB & HOBBY NEWS

CLUB NEWS

Ham Shack Photos

Last month the unidentified Ham Shack Photo was …

Val Campbell - K7HCP

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?

NO MORE PHOTOS TO SHARE. SORRY!

.

CLUB NEWS

(repeat)

Ham Shack Photos

STILL WANTED—STILL NEEDED

We have been doing this for 28 months now.

But now we have completely run out of new photos.

So … Send me your Ham Shack Photos soon!

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

O’bay Swap

(repeat)

SWAP ITEM # 225

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

REFER TO CHART: Donation Inventory

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

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

http://OgdenARC.org/swap.html

CLUB NEWS

(repeat)

WANTED…

OARC EQUIPMENT MANAGER

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

Thank you everyone. 73

CLUB NEWS

(repeat)

WANTED…

OARC SOCIAL MEDIA MANAGER

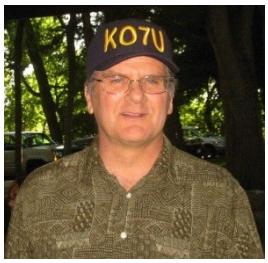
Consider the rewards awaiting you to volunteer for this rewarding and thrilling opportunity. *Hurry because this opening will go fast.* Contact our club president to secure your role in this position. …. .. …. ..

Thank you everyone. 73

CONTRIBUTING EDITOR SUBMISSIONS

HOBBY NEWS

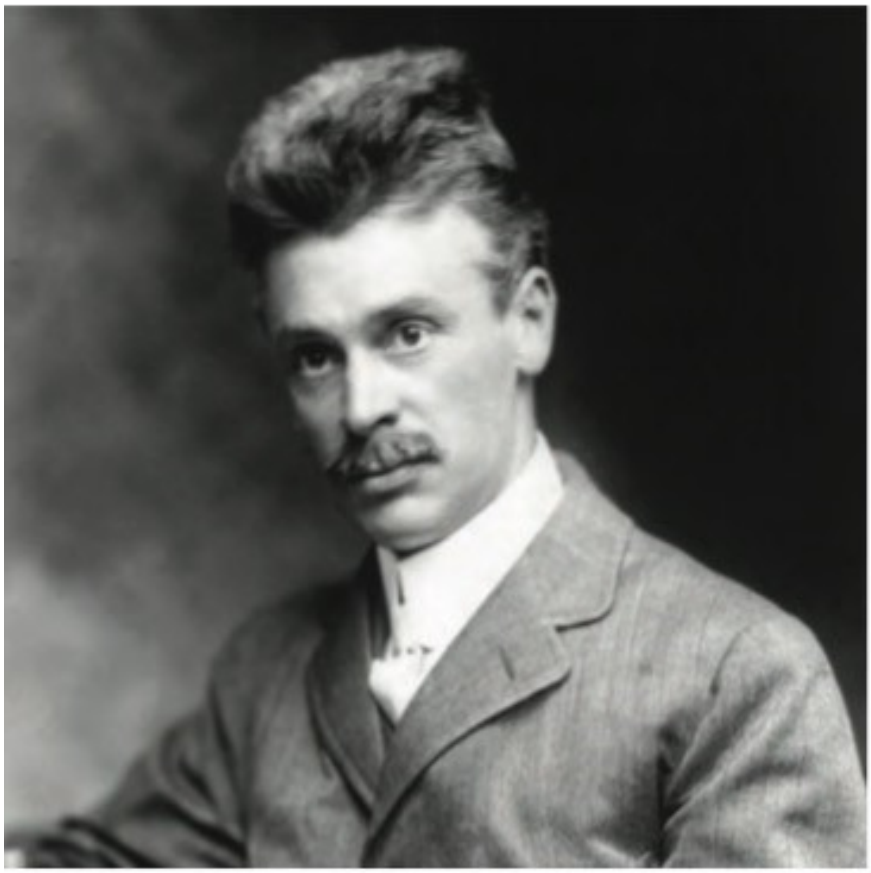
Kim Owen—K07U



Kim Owen K07U submitted this article from Shooting Illustrated that featured Hiram Percy Maxim as the inventor of the firearm sound suppressor and also automobile mufflers. All Amateur Radio Operators that are members of ARRL also know him as the founder of the Amateur Radio Relay League. In the 1900's he was definitely a very busy man.

I really enjoyed the October "Classics" column, and not only for the education on silencers. You see, I am an amateur radio operator, and Hiram Percy Maxim founded the American Radio Relay League (ARRL), which is the primary advocacy organization for amateur radio in the USA. You just never know how or when passions overlap! Thanks for another great issue.

Brian Smithson
Clover, SC



Hiram Percy Maxim was a true polymath. In addition to his invention of the firearm sound suppressor, he also developed some of the first mufflers for automobiles and was instrumental in promoting amateur radio.

Shooting Illustrated article—The Sound of Silencers (link)

HOBBY NEWS

Rick Hansen N7EGA

Rick Hansen N7EGA browsed upon this interesting piece of information and wanted to share this with the rest of us. Enjoy!

Router Security Problems

Keeping a close eye on your online accounts is incredibly important with scams, hacks, and breaches as common as they are. Your hardware is at risk as well, which is why we always recommend keeping your devices updated. In fact, one of the most indispensable devices in your home can also be one of the most vulnerable. Cybersecurity researchers recently examined a number of popular WiFi routers and found over 200 potential security holes that could put your data at risk.

Popular WiFi routers have huge security holes

Editors at the German IT magazine *CHIP* recently conducted a thorough security test on nine routers from major brands. They teamed up with security experts from *IoT Inspector*, who provided a security platform for automated IoT firmware checks. What they found might shock you.

"The test negatively exceeded all expectations for secure small business and home routers," Florian Lukavsky, CTO of IoT Inspector, said of the results of the test on Thursday. "Not all vulnerabilities are equally critical – but at the time of the test, all devices showed significant security vulnerabilities that could make a hacker's life much easier."

According to *IoT Inspector*, the **test featured routers from Asus, AVM, D-Link, Netgear, Edimax, TP-Link, Synology, and Linksys.** Millions of units of each model are currently in circulation around the world. In all, the researchers found 226 vulnerabilities between the nine models.

Devices from TP-Link had the most vulnerabilities of any device. The company's Archer AX6000 routers had a whopping 32 security holes. Meanwhile, Synology's RT-2600ac router came in second place with 30 vulnerabilities. You can see the full list in this document (German).

Continued...l

What are the vulnerabilities?

As IoT Inspector explains, many of the routers had the same vulnerabilities. In many cases, it was an outdated operating system. The researchers noted that integrating a new kernel in the firmware is expensive. As a result, none of the manufacturers were up to date.

The routers also weren't on the latest software. Most routers update themselves automatically, but only if you enable the feature. Router updates aren't as frequent as phone or computer updates, but they're just as important.

The researchers contacted all of the affected manufacturers before publishing the report. Every manufacturer responded by releasing firmware patches for their routers. Even if your router isn't on the list, take this opportunity to check for any outstanding firmware updates.

Additionally, the German government announced that manufacturers will have to take greater responsibility going forward. The new coalition agreement states that "manufacturers are liable for damage negligently caused by IT security vulnerabilities in their products." So if hackers find and exploit security holes in routers in the future, manufacturers will pay the price.

What you can do to protect yourself

Of course, whether or not the manufacturer is responsible, your data is still at risk. IoT Inspector CEO Jan Wendenburg offered the following helpful hint for all router owners:

> Changing passwords on first use and enabling the automatic update function must be standard practice on all IoT devices, whether the device is used at home or in a corporate network. The greatest danger, besides vulnerabilities introduced by manufacturers, is using an IoT device according to the motto 'plug, play and forget.'

Update your software, use strong passwords, and keep an eye out for reports such as these.

The post Security holes discovered in 9 popular routers – is yours on the list? appeared first on BGR.

https://www.msn.com/en-us/news/technology/security-holes-discovered-in-9-popular-routers-%e2%80%93-is-yours-on-the-list/ar-AARwRII?li=BBnb7Kz

GUEST ARTICLE

by Kent Gardner WA7AHY

More Ham Radio/Electronics Related License Plates

I am forever looking for unusual license plates. I am especially pleased when I run across ones that are related to ham radio and electronics such as the following Nebraska tag.

I could imagine that it reads Very High Frequency on 135 MHz. I looked it up on my frequency chart and it shows to be in the Aeronautical Navigation band.

I next walked past this 6K6 Utah license plate.

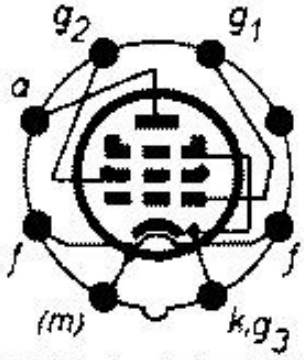
The 6K6 designation, of course, is of a radio vacuum tube commonly used in that era. In this case, I had to mentally block out the AX suffix in order to keep it in the electronics ball park. Google didn't find any correlation with 6K6AX, but there was something for 6K6A as in "anti-helix antibodies in protein structure".

The 6K6GT is an indirectly heated cathode type power amplifier pentode designed for service in the output stages of AC, AC/DC and storage battery operated receivers.

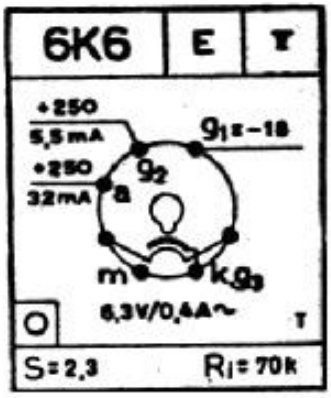
Also known by US military identifier VT-152A.

6K6

Country: United States of America (USA)	**Brand:**	Common type USA tube/semicond.
	Tube type:	Vacuum Pentode Power/Output
Identical to	**6K6**	
Similar Tubes	**Other shape (e.g. bulb type):** 6K6G ; 6K6GT	

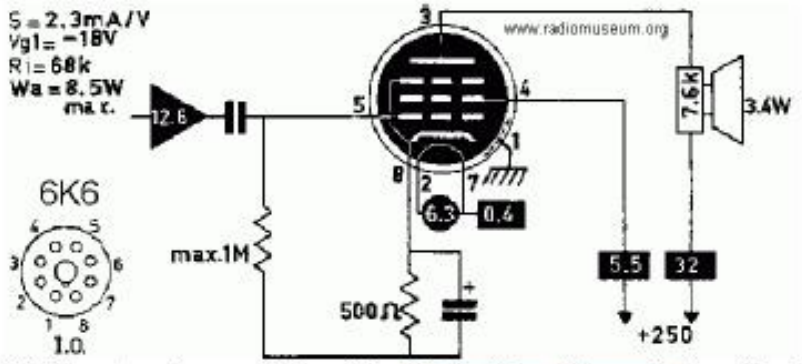


6K6: Telefunken Röhrenhandbuch
Wolfgang Bauer



Base	Octal (Int Octal, IO) K8A, USA 1935 (Codex=Udo)
Was used by	Radio/TV-reception etc.
Filament	Vf 6.3 Volts / If 0.4 Ampere / Indirect / Specified voltage AC/DC
Description	There is no metal tube 6K6 but 6K6G or 6K6GT. The reason we show it is that in schematics one finds most often 6K6 as designation for this glass envelope tube.
	Text in other languages (may differ)
Tube prices	1 Tube prices (visible for members only)

Information source Taschenbuch zum Röhren-Codex 1948/49



6K6: Courtesy Bureau Belper (De Muiderkring, Bussum), Scan Frank Philipse

Anonymous 10 Collector

6K6: elektron taschenbuch 1952
Heinz Höger

from Just Qvigstad

The above tube data sheet is from the Radiomuseum website. It looks of German origin (Telefunken), but does identify the tube as a US product. The picture shows it was manufactured by Sylvania, but more often than not it would be by RCA. G means glass and GT means glass tube.

It looks like I have room on the page to add a story about vacuum tubes. I have always been interested in radio from my Boy Scouting days in the mid-fifties. I saw a *Progressive Radio Edu-kit* in *a magazine ad for $22.95.* I bought it.

I built most of the 21 circuits in the booklet. One of the receiver circuits used a screen grid tube. I would put the chassis next to my bed and tune in the only station I could get. It was KBAR AM radio station in Burley, Idaho and would then put the single earphone under my pillow to listen.

With all the lights out in my bedroom, the glow of the filaments would radiate with an orange light that would pass through the 360-degree grid screen and project square patterns on the walls and the ceiling. It was magic.

Building all those radio circuits was wonderful and the glow of the tubes cast a spell on me that still spurs me on today. I guess you might say that the romantic feel of tubes glowing in the dark and also copying down Morse code on a paper and seeing the message appearing magically before me have been the feelings that keeps me going in ham radio.

TNX

Kent Gardner, WA7AHY

GUEST ARTICLE

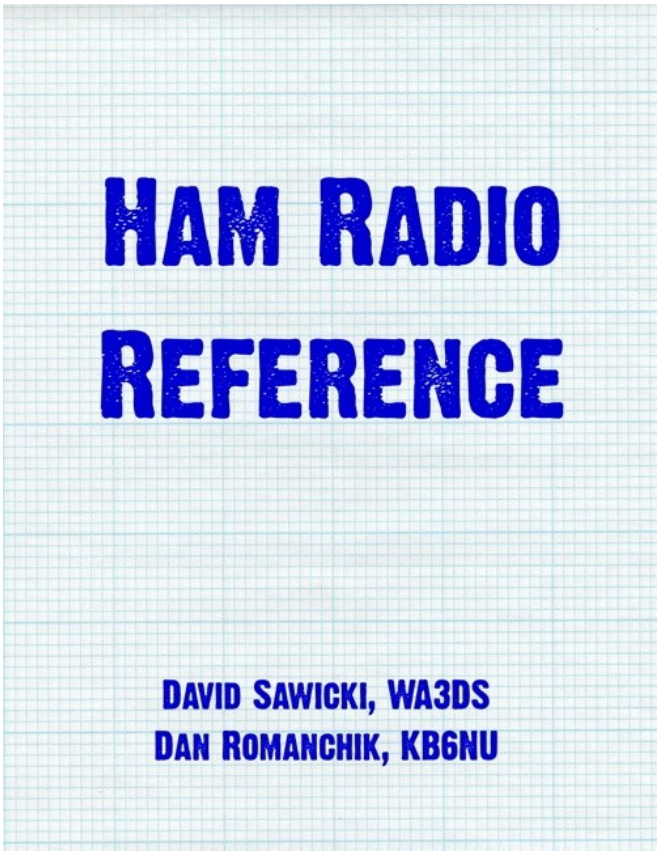
by Dan KB6NU

A Wikipedia for Ham Radio?

By Dan Romanchik, KB6NU

I and co-author David Sawicki, WA3DS, have just published the *Ham Radio Reference*. The book took quite a while to write because there's quite a bit of information in it. Not only does it contain an extensive glossary of amateur radio terms, there are chapters on:

- CW abbreviations and Q signals.
- Amateur radio bands and frequency allocations.
- Call district, U.S. section, ITU region, and CQ region maps.
- Part 97 rules.
- DX Code of Conduct.
- Traffic handling.



The technical reference section includes information on:

- Units of measurement.
- Scientific notation
- Ohm's Law, power, and decibels.
- Frequency, wavelength, and antenna lengths.
- Resistor color code.
- Schematic symbols.
- Wire and coaxial cable data.
- Data communications interfaces.

The book is available in both PDF (https://www.kb6nu.com/product/ham-radio-reference/) and Kindle (https://www.amazon.com/Ham-Radio-Reference-David-Sawicki-ebook/dp/B09MC7WFWV/) versions.

Publishing this book got me thinking about another idea, though. After I sent copies to my colleagues at Amateur Radio Digital Communications (https://wwwampr.org), Rosy, KJ7RYV, our executive director, emailed me:

> "Dan, this is great! Thank you.
>
> I wonder…what if we made a page on our website that was just a set of links to references like this. It could be helpful, especially for beginners. What do you think?"

At ARDC, we had just created a list of other amateur radio resources for internal use, and I had a similar thought about putting that list online. The list reminded me of the AC6V website (http://ac6v.com/), which included all kinds of good stuff for radio amateurs. Unfortunately, as is noted on the website, "AC6V.com is an archive of Rod/AC6V's webpages, and is no longer being updated."

Rod, AC6V, passed in 2008 and many of the links on AC6V.Com are now dead, and much of the information is outdated. And, there are a lot of new resources—like our new book—that are missing. Since there aren't any other encyclopedic resources for ham radio—at least none that I know of—I am proposing that we form a group to develop a "Wikipedia for ham radio." It would be a lot of work, but if we could recruit a community of editors, then it might be doable. In addition, a group effort would be a lot more dynamic and sustainable than a one-person effort.

So, I'm throwing this out there. Do you think it's worth creating an up-to-date AC6V.Com? Should it be a wiki or perhaps some other kind of website? Would you be willing to help? If so, send me an email (cwgeek@kb6nu.com). If there's enough support for this idea, perhaps we could get the ball rolling after the first of the year.

==========

Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (https://KB6NU.Com/study-guides/), and often appears on the ICQPodcast (https://icqpodcast.com). When he's not thinking up crazy ideas like a Wikipedia for ham radio, he operates CW on the HF bands and plays around with software-defined radio.

October 2021 Volunteer Monitor Program Report

11/11/2021

The Volunteer Monitor (VM) Program is a joint initiative between ARRL and the FCC to enhance compliance in the Amateur Radio Service. This is the October VM Program report.

- Technician operators in Yarmouth Port, Massachusetts, and Richmond, Texas, received *Advisory Notice*s after making numerous FT8 contacts on 40 and 20 meters. Technician licensees are not allowed to transmit data on 40 meters and have no operating authority on 20 meters.
- Operators in Mims, Florida; Moorefield, West Virginia; State Road, North Carolina, and Grottoes, Virginia, received *Advisory Notice*s concerning excessive SSB bandwidth on 40 and 75 meters. The operator in Moorefield, West Virginia, previously received an *Advisory Notice* for out-of-band operation on 7.138 MHz. His case will be referred to the FCC for further enforcement action, which could include removal of voice privileges from, or revocation of, his General-class license.
- An operator in Cave Creek, Arizona, received an *Advisory Notice* for making lengthy transmissions without identifying as required by Commission rules.
- An operator in Highlandville, Missouri, was reminded that a beacon on 30 meters cannot be automatically controlled, pursuant to 97.203(d) of the Commission's rules, and must have a control operator present at all times of transmission. He was further advised that the FCC may request a schedule of control operators and their duty hours.
- The final totals for monitoring in September were 1,909 hours on HF frequencies and 2,716 hours on VHF frequencies and above, for a total of 4,625 hours.

There was one recommendation to the FCC for case closure and renewal of a license, and one request to review a license application. The FCC referred two cases to the VM Program.
— VM Program Administrator Riley Hollingsworth, K4ZDH

WSJT-X Development Group Partner Bill Somerville, G4WJS, SK

12/06/2021

A key member of the *WSJT-X* development group — where FT8 and other cutting-edge digital amateur radio technology has originated — has died. Bill Somerville, G4WJS, was reported to have passed away earlier this week. He was in his mid-60s, and his death was unexpected. The development group founder, Joe Taylor, K1JT, called Somerville "a dear friend and very close colleague." Taylor said that Somerville was the first to join with him in 2013 to form a core development group for *WSJT-X*, then in its digital infancy.

"Bill has been closely involved with *WSJT-X* and related software projects ever since," Taylor said. "Our free, open-source software could not have achieved its extensive worldwide popularity and influence in ham radio without Bill's essential contributions."

Somerville collaborated with Taylor and Steve Franke, K9AN — the third member of the *WSJT-X* development group — to author articles for *QST* and *QEX* about FT8 and other digital modes in the *WSJT-X* suite. The trio won the October 2017 *QST* Cover Plaque Award. They also received the Dayton Hamvention® Technical Achievement Award in 2020, and the ARRL Doug DeMaw, W1FB, Technical Excellence Award in 2021.

Taylor said Somerville "devoted countless hours to program support, patiently answering user's questions on *WSJT*-related forums."

"I have only started to think about the many ways in which I will miss Bill — not [to] mention how we all will miss his immense and positive impact on *WSJT-X* and related projects," Taylor said.

Professionally, Somerville was a software engineer who worked mainly as a C*++* system software developer, as he explained on his **QRZ profile**. As an active radio amateur, he also applied his expertise to such projects as setting up an SO2R (single operator, two radio) station and enhancing his station's automated processes.

Senator Blumenthal Supports Amateur Radio at Senate Confirmation Hearing

12/04/2021

Senator Richard Blumenthal (CT) received an affirmative reply from FCC Chairwoman Jessica Rosenworcel when he asked her to commit to providing his office "an update on the steps that the FCC is taking to support amateur radio operators." The Senator posed the **written question** as part of Rosenworcel's renomination hearing conducted by the Senate Commerce, Science, and Transportation Committee.

Blumenthal took note specifically that "Radio amateurs voluntarily provide an array of public services, especially emergency and disaster-related support communications when infrastructure has been destroyed by a hurricane or similar disaster. Their contributions in this area are regularly recognized by local and state authorities."

"ARRL is grateful to Senator Blumenthal for his support and recognition of radio amateurs," said ARRL President Rick Roderick, K5UR. Blumenthal has previously co-sponsored legislation supporting amateur radio, and his staff was recently briefed by ARRL on pending amateur radio matters at the FCC. Roderick added, "We need the partnership of the FCC and Congress to ensure our rules and spectrum continue to support the march of technological innovation in our vibrant Amateur Radio Service."

Multiple proceedings to update or change the FCC's amateur Part 97 rules to account for changes in technology and operating practices have been languishing at the FCC, some going back five or more years. ARRL is hopeful that these will be addressed soon.

The Senate Committee approved Rosenworcel's renomination with a bi-partisan vote on December 1, 2021. She has served on the FCC since 2012, and the Committee's vote to approve her nomination for an additional term sends it to the full Senate for final consideration.

CLUB REFERENCE MATERIAL

CLUB REPEATER NEWS

Scott Willis KD7EKO Mike Fullmer KZ7O

Scott Willis KD7EKO and Mike Fullmer KZ7O are the OARC repeater engineers that keep our club repeaters at Mt Ogden and Little Mountain operational.

OARC MEMBERSHIP DRIVE

SUPPORT YOUR RADIO CLUB

Don't forget to signup/renew your OARC membership now ($15) which runs August to August. Consider signing up your spouse as well. Remember … FREE Steak at Steak Fry for ALL members.

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

THANK YOU FOR YOUR SUPPORT

Join OARC

Join or Renew your membership now!

Joining & Renewal is easy. On the club website home page click Join/Renew tab and fill out the membership form. You can pay using your PayPal or mail a Check or Money Order to the club PO Box listed. Or print a hardcopy of the membership form, fill it out and mail it to the PO Box along with your payment. Better yet, Come to a club meeting and bring the completed membership form with you.

DUES: Dues are $15.00 per person and runs August - August. (Ham + spouse = $25.) More than one ham in the family? Consider the OARC Family plan for $25.

NOTE: New Hams >>> Membership in OARC is complimentary for remainder of 1st year licensed.

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

Club Badges

OARC Club badges are available for all licensed club members.

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

Place your order along with $12.00 prepaid in advance for each badge ordered and specify Call Sign and First Name.

Visit the club website home page Join/Renew tab and select the Badge Order form to order your badge. You can use PayPal or mail your check to the club PO Box.

OARC Facebook Page

Did you know that OARC has a Facebook page ?

Just click on the icon on the bottom of the club website home page to visit OARC's ongoing monthly activities and events. They are posted here for your viewing pleasure.

OARC You Tube Channel

Did you know that OARC has a You Tube Channel ?

A lot of our meeting presentations are recorded and posted to our OARC You Tube channel for you to view at a later date.

It's easy to view missed **meetings…**

Just click on the icon on the bottom of the club website home page to view recorded meetings preserved for your viewing pleasure.

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday of each Month

The Ogden Amateur Radio Club meetings are usually held on the **3rd Saturday** of each month.

Meeting/Activity:

See monthly notices earlier in this newsletter.

Talk-in: - 448.600 (pl 123.0)

Check OARC web site for details

www.ogdenarc.org

Please invite a friend to join you. You do not have to be a member of the club to participate in our club meetings or activities. We invite all to join us.

If anyone is interested in doing a presentation on something or just have something unique to show at the meetings. - Please get a hold of any of the officers and let us know.

Next Weber Co VE Test Session:

1st Wednesday Feb, Jun & Oct

Exam sessions are held in Ogden every few months, ***usually*** the first Wednesday in February, June, and October.

Time: 06:00 PM *Walk-ins allowed*

Location: Permanent location

Utah Military Academy
5120 S 1050 W
Riverdale UT 84405

Contact: VE Liaison:

Rick Morrison W7RIK (Co-Liaison)

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

Gil Leonard N7GIL (Co-Liaison)

Jason Miles KE7IET (IT)

Cost: **$ 14.00**

Two forms of **ID**, one of which must be a **picture ID**.
For "Upgrades" bring current **license** and a **copy** of current license, and any **CSCE**'s

Most **calculators** allowed. Calculator memories must be cleared before use.

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

OARC is 100 years old

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

OARC REPEATERS

(*) Yaesu Fusion digital/FM compatible

FREQ	CLUB	TONE	LOCATION
146.900-	OARC (*)	125 DCS	Mt Ogden (w/WiresX)
448.600-	OARC (*) "talk-in"	123.0	Mt Ogden
146.820-	OARC (*)	123.0	Little Mtn
448.575-	OARC	100.0	Little Mtn (no autopatch)

FREQ/Offset	TONE	LOCATION	OWNER
145.250 -	PL 123.0	Weber State Univ	WSC
145.290 -	PL 123.0	Brigham City	GSARC
145.330 -	PL 100.0	BYU (Provo)	BYUarc
145.430 -	PL 123.0	Brigham City	GSARC
145.470 -	PL 123.0	Powder Mountain	WCSO
145.490 -	PL 100.0	Promontory Point	K7JL
146.620 -	PL none	Farnsworth Peak	UARC
146.640 -	PL none	Logan	BARC
146.720 -	PL 103.5	Mount Logan	BARC
146.760 -	PL none	Lake Mountain	UARC
146.780 -	PL 100.0	Lake Mountain	UVARC
146.920 -	PL 123.0	Promontory Point	WCSO
147.040 +	PL 123.0	Antelope Island	DCARC
147.100 +	PL 123.0	Morgan County	KB7ZCL
147.120 +	PL 100.0	Farnsworth Peak	UARC
147.220 +	PL 123.0	Brigham City	GSARC
147.260 +	PL 103.5	Promontory Point	BARC
147.360 +	PL 100.0	Lewis Peak	Summit Co ARC
447.200 -	PL 127.3	Antelope Island	DCARC
447.225 -	PL 100.0	Malad Idaho	Malad Repeater
447.775 -	PL 123.0	Powder Mountain	WCSO
448.300 -	PL 123.0	Brigham City	GSARC
448.775 -	PL 123.0	Promontory Point	WCSO
448.825 -	PL 123.0	Clearfield City	IRLP Node 4654
449.100 -	PL 146.2	Farnsworth Peak	UARC
449.250-	PL 123.0	Weber State Univ	WSC
449.425 -	PL 100.0	Nelson Peak	IRLP - Western Refl
449.500 -	PL 100.0	Farnsworth Peak	UARC
449.625 -	PL 103.5	Mount Logan	BARC
449.925 -	PL 100.0	North Salt Lake	DCARC
449.950 -	PL 123.0	Clearfield City	IRLP Node 3876
ATV -	TV Ch 58	Farnsworth Peak	UARC - Utah

AREA CLUB MEETINGS & WEB SITES

CLUB	WEB SITE	DATE/TIME	LOCATION
OgdenARC	ogdenarc.org	3rd Saturday 09:00 am	Check OARC web site …
WC Sheriff Comm-O		1st Saturday 10:00 am	Weber Co. Sheriff Complex West 12th Street Ogden Utah
Barc	barconline.org	2nd 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	2nd Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	home.comcast.net/ ~noutares/	3rd Wednesday 7:00 pm	Cache Co. Sheriff Office Logan Utah
Uarc	xmission.com /~uarc/	1st Thursday 7:30 pm	UofU EMC Bldg Room 101 Salt Lake City Utah
UVarc	https://uvarc.club	1st 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	3rd 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/	1st Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	https:groups.google.com/forum/#!forum/wsuarc	3rd 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 @ 7:15 PM	Weber/Davis ERC	146.820 - 123.0 (ERC training net)
Sunday @ 7:30 PM	GS ARC	145.430 - 123.0 (training net)
Sunday @ 8:30 PM	SATERN Net	145.900 - 123.0
Sunday @ 9:00 PM	Morgan Co Net	147.100 +123.0
Sunday @ 9:00 PM	UARC Info net	146.620- no PL tone required
Monday @ 9:00 PM	2-meter SSB net	144.250 Mhz 2-meter USB
Tuesday @ 6:30 PM	OARC—Ham & Eggs Net	448.600 -123.0
Tuesday @ 8:00 PM	Weber ARES	448.600 - 123.0
Tuesday @ 8:00 PM	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 3rd 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 3rd Saturday – odd months only
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz HF LSB

73 de W7SU

w7su@arrl.net

www.OgdenARC.org

PO Box 3353 Ogden UT 84409