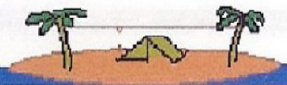


WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

August 2023

Next Club Meeting/Activity/Events

Look Inside



Dave Mamanakis KD7GR
President



Justin Hall KB7LAK
Vice President



Colleen Pike KJ7EAY
Secretary



J. Siddle KG7CJN
Treasurer



Gary Hudman KB7FMS
Program Director

(open)
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: Gary Hudman KB7FMS
Activity Director: open

OARC ADVISORS (past presidents)

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

Executive Operations Manager

Val Campbell K7HCP

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

"OARC" web site

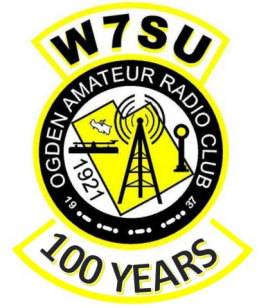
Webmaster: Val Campbell K7HCP
Postmaster: Val Campbell K7HCP
Membership Clerk: Val Campbell K7HCP

OARC VOLUNTEER APPOINTMENTS

10m Net Control - Gene Morgan WB7RLX
Antenna Manager – Gene Morgan WB7RLX
Assistant Photographer - Rick Hansen N7EGA
Badge Manager – Barbara Siddle KB7FWW
Club Call Sign (W7SU) Trustee – Larry Griffin AD7GL
Club Caterer - Ceva Cottrell W7CVA
Club Chef - Dave Mamanakis KD7GR
Club Elmer – Stan Sjol W0KP
Club Technical Support – Rick Morrison W7RIK
Equipment Loan Program - Val Campbell K7HCP
Equipment Manager - open
FD Log Manager - Jason Miles KE7IET
Field Operations Manager - Gene Morgan WB7RLX
Ham & Eggs Breakfast – Dave DeHeer KJ7DAD
Ham & Eggs Net Control - Kenny Pronschinske KI7UFN
Ham & Eggs Net Control – Larry Griffin AD7GL
Ham & Eggs Net Control – Stan Sjol W0KP
Historian/Librarian – Kent Gardner WA7AHY
Media Manager—Kent Gardner WA7AHY
Photographer – open
QRZ Manager – Tim Samuelson KE7DOA
QSL Manager – Pete Heisig AI7GV
Repeater Engineer – Mike Fullmer KZ7O
Repeater Engineer – Scott Willis KD7EKO
Social Media Manager - open
YouTube Videos - Jason Miles KE7IET
VE Liaison Operations – Rick Morrison W7RIK
VE Assistant - open
VE IT – Jason Miles KE7IET



OARC COMING EVENTS



Next Meeting/Activity

OARC Steak Fry + Elections

19 August 2023

Marriott Park

5pm

Next VE Test Session

1st Wednesday 04 October 2023 @ 6:00 PM

A MESSAGE FROM OUR PRESIDENT

Dave's Rag Chew



Dave Mamanakis KD7GR

Greetings My Friends!

We made it into August! And, you know what that means? STEAK FRY!

3rd Saturday! Get the details on our WebSite!

If you are or would like to run for office, we will take nominations at the Steak Fry, but we'd really like to have your information on the ballot beforehand.

Why? Because along with Steaks... yes, I know, that is what I go for, too... but we also do the Club Elections. Where we put Democracy to the test, and elect a Board who will guide the club toward fun activities and informative club meetings.

If you've ever thought you'd like to help, we would like to talk to you!

I'm getting all ready to head to Mount St. Helens to help out with the Bigfoot Endurance Run. I'll be located at the Spencer Butte Aid Station.

I am really looking forward to this trip... well, all except for the drive up there. TO make that easier, I'm going to head out on Thursday Afternoon, spend the night somewhere on the way up, then finish the drive on Friday Morning. A 12-hour drive, all at once, is just a bit too much.

But the weather will be from the 40-50s to the 70s by the time I come home the next Thursday...

I really like "Camping and Radio", which, for me, is all these events are. Opportunities to go spend several days out in the wilderness running radio.

I've got about 400w of solar power, and about 200 ah of battery to go along with a generator (that I hope I don't need) and a couple radios (HF and VHF/UHF)...

It'll be fun!

The new School Year is coming up and we will continue with the Ham Radio Club at Utah Military Academy. It will be at 3pm, Weekly, on Monday Afternoon.

If you are interested in helping out, or helping us get more interest at the school (last year, we only had my son in the Club)... I'm all ears. I've tried a few things, I'll try a few more.

Major Workman, the School's Coordinator, is really wanting to have the School's Club be successful.

Digital Modes vs. Voice (Phone) on the Radio.

There is always a HUGE discussion about what is "True Ham Radio". For me, that is an easy answer... anything that allows us to communicate locally, or over great distances... THAT should be Ham Radio!

But some people are more particular. To each, their own, I guess...

The question is, if it isn't voice, is it really ham radio? This mostly comes up with the discussions about FT8. But, no one seems to question CW... or RTTY... or some of the other, older types of Digital Communications...

This weekend I'll have the opportunity to use Winlink. It was a little painful to get up and running, but it allows for use of the Internet to send and Receive emails, and to pick up communications (emails) over a P2P connection on any of the bands that support Digital Operations.

It really reminds me of the old Acoustic Modems we used to use when connecting to the "internet" way back in the early to mid 80s.

One station calls out... it is basically calling someone directly...

The other station replies, and they do a little acoustic dance...

Then they transfer emails from the outbox (if they are addressed to the 2 parties) and there you have it, a 2-station "network" over Ham Radio!

Very cool!

Winlink is used, mainly, in EmmCom situations. It allows for emails to be sent from the field to Net Control and delivered to those in charge of the disaster.

And out of that comes Vara AC, which is a P2P chat program... so, "just another digital mode", I suppose, but I haven't used it, but I will be giving it a try over the weekend.

If all works well, we might have to do a Club Meeting on Winlink and Vara...

Ok, I've taken up enough of your time.

Thank you all for being Awesome!

And I'll see you at the Steak Fry!

(P.S.

If you bring something to share at the Steak Fry, make it a SIDE or DESSERT. We provide the Chips, Drinks, Steaks (and Hot Dogs/Buns for the kids (etc))... Oh, and don't forget, we've got Door Prizes!)

--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

Kenny Pronschinske (KI7UFN), kennypron@hotmail.com



Larry Griffin

AD7GL



Stan Sjol

W0KP



Kenny Pronschinske

KI7UFN

CLUB NEWS

10 Meter Net

Thursday Evenings at (18:30) 6:30 PM MT

10 Meters HF - **28.375 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:

The Rusted Spoon-Ogden (previously The Stagecoach)

1310 Wall Ave, Ogden, UT

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

73, Dave KJ7DAD



Dave DeHeer (KJ7DAD)

PREVIOUS CLUB MEETING/ACTIVITY

CLUB NEWS

PREVIOUS CLUB MEETING

OARC "T"- Hunt

Saturday 15 July 2023

Winner Rachel Miles KJ7OLT





PREVIOUS MEETING PICTURES

Photos by ... **club photographers**



Rick Hansen—N7EGA

Note: We need a 2nd club photographer. Consider volunteering!

"Previous Meeting/Activity/Event" ...

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

ALSO

Check out the OARC Facebook page

"Ogden Amateur Radio Club"

OARC SOCIAL MEDIA MANAGER ... needed

NEXT CLUB MEETING/ACTIVITY

CLUB NEWS

Next Club Meeting/Event/Activity

Date: 3rd Saturday, 19 August 2023

Time: **5:00 pm**

Location: 1045 S 1200 W, Ogden, UT 84404 [MAP](#)

Activity: Steak Fry, Officers Elections & Membership Renewal

Note: **Please bring side dish to share.**

Also, bring your own dinner-ware (emergency paper-ware provided).

- Steak Fry (Free steaks—paid members only)
- Free hot dogs for the kids of all ages
-
- Membership Renewal (\$15); Spouse Membership (\$10);
- Family of Hams Membership (\$25)
- Complimentary Membership (Free for remainder of first year licensed)
-
- Club Officers Election; (Nominations welcomed)
-

GRAND DOOR PRIZES: **\$500**

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

>>> Check website for details <<<

CLUB NEWS

NOTICE:

July & August is OARC MEMBERSHIP RENEWAL period!

Memberships run (August thru August).

[Join/Renew](#) now.

>>> Check website for details <<<

CLUB NEWS

NOTICE:

August is OARC OFFICERS ELECTIONS

Nominate yourself or someone else to be an officer.

Potential/New Officers: Be sure to read the ...

[OARC Officers BRIEF Duties and Responsibilities](#)

[OARC Officers DETAIL Duties and Responsibilities](#)

>>> Check website for details <<<

NOMINATION FOR OARC PRESIDENT

By Craig Howe W0VRM



A Desire to Serve

It is August and time for our steak fry and elections.

I appreciate very much being a part of this amazing club and group of hams.

After much thought, I would like to be of greater service by running for the Office of President of the Ogden Amateur Radio Club.

I recognize that the club is all of us and it is together that we are able to serve and accomplish many good things. We have many varied interests and talents among our club members.

I desire to give voice to and opportunity for service in these many interests. We provide a welcoming community for Analog, Digital, community service, DX, Contesting, good old rag chewing, teaching, mentoring, offering exams, technical support and learning, and progressing in the hobby.

There is something for everyone, and we need everyone who would like to participate.

I would appreciate your vote of confidence during our election and commit my best efforts to serve you.

Cheers and 73,

Craig W0VRM

CLUB & HOBBY NEWS

CLUB NEWS

Kevin Flanagan KB7MAD (sk)

Kevin Joseph Flanagan



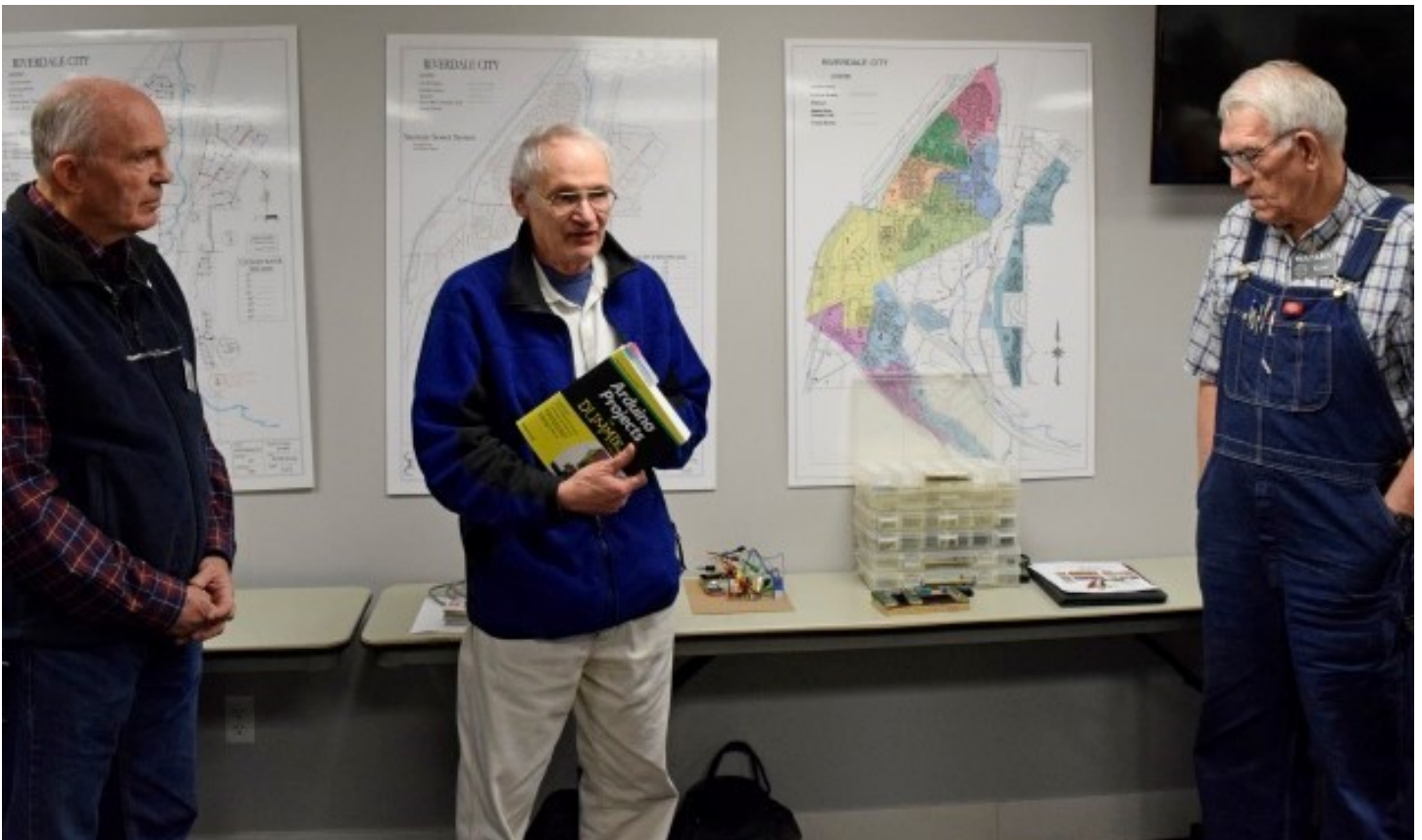
Kevin Flanagan Obituary

Kevin J. Flanagan passed peacefully at home on Saturday, July 1, 2023. He was born in Cincinnati, Ohio August 29, 1955 and moved with the family to Belleville, KS. He graduated from Belleville High School in 1973, went on to earn a BS in Chemistry from Baker University in Baldwin, KS and a master's degree in electrical engineering from the University of Dayton. He worked his entire career as a civilian electrical engineer at Hill Air Force Base in Ogden, UT.

He loved to run and bike long distance, to ride his bike to work, and he loved his electronics. He volunteered at mountain bike races and 5k runs, volunteered at his church, and volunteered in emergency preparedness with the Red Cross. He retired not long ago to enjoy his ham radios. Predeceased by his parents Tom and Loretta Flanagan, he is survived by his sister Beth Flanagan Hard (Matson) and nephew Tyler Giancola.

A funeral Mass will be held at St. Mary's Church in West Haven, UT on Wednesday, July 12 at 11 am. A memorial service will follow at a later date in Middletown, Ohio.

In lieu of flowers, donations may be made to Intermountain Healthcare & Hospice, the Red Cross, both in Ogden, Utah, or to his church, St. Mary's Catholic Church in West Haven, Utah.







CLUB NEWS

Ham Shack Photos

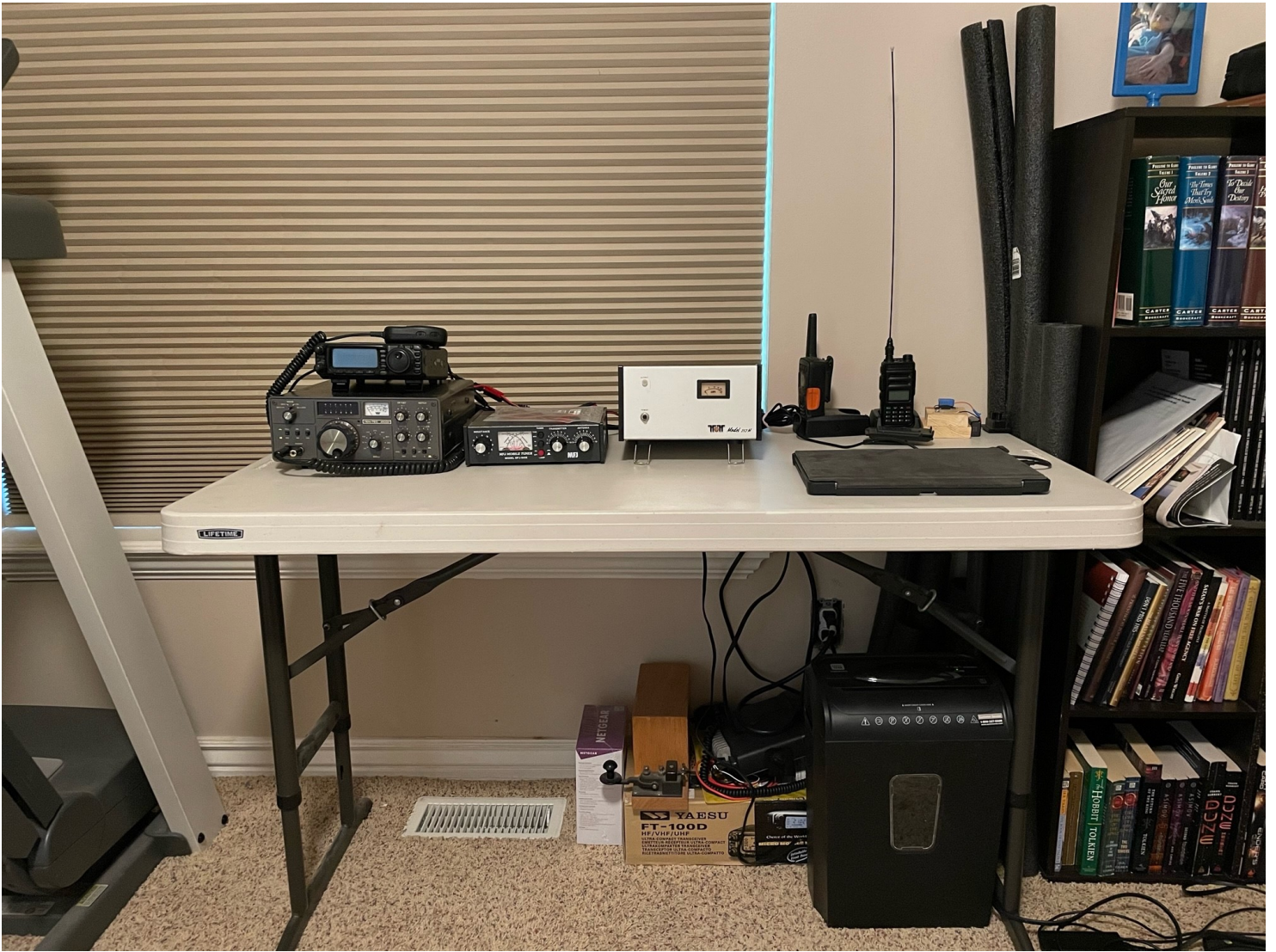
STILL WANTED—STILL NEEDED

Send me your Ham Shack Photos soon!

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

CLUB NEWS

Ham Shack Photos



Stephane Budge KM3AGN

CLUB NEWS

Unique QSL Cards

STILL WANTED—STILL NEEDED

Send me your QSL Card Photos soon!

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

CONTRIBUTING EDITOR SUBMISSIONS

GUEST CONTRIBUTION

Rick Hansen N7EGA



What are the most bizarre appliance repair stories you've encountered?

One of the weirdest I have was years ago, back when the old analogue CRT TV's were still the norm... One had gone into 'black and white'- a common issue when the signal strength dropped too far... The complaint was 'TV needs color refilling and leak fixed, it has run out on the carpet and is now black and white'

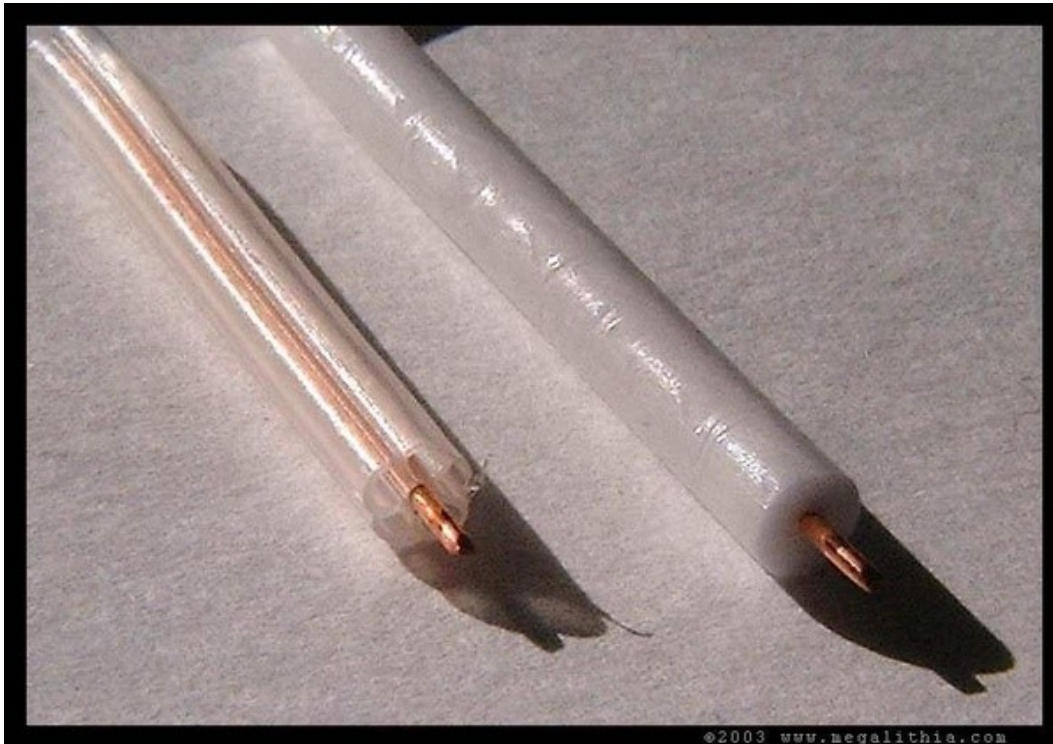
Um, ???

And yes- the TV was black and white (and a bit 'snowy') ie low signal strength, and there were indeed a couple of stains on the carpet under it, a red one and a greenish/blueish one right next to it...

UM again, ???

The real fault???

The balun on the TV antenna had lost its plastic cover, and it had filled with water- which had run down the old 'air spaced coax' which acted like a hose- right into the back of the TV...



That's it on the left- and each of those 'air spaces' is completely open from end to end... like tiny little hoses... (ETA these are the inner cores, both coax cables obviously have a woven metal 'shield' and a PVC insulation outer cover- these have been cut away to show the inner wire and the insulation for clarity)

The balun is the black box under the antenna itself (except this one is on the bottom, not the top like the one in the story- obviously this wasn't the only time it had happened...lol)



What had happened was each time it rained, it filled the balun on the antenna and sent water down the coax into the TV, and that was corroding various parts of the socket, and other things inside... The greenish/blue was copper oxide from the copper conductor, and the reddish stain was rust from the metal chassis and screws... And because of the corrosion in the socket, the signal strength had dropped, meaning it dropped back to 'black and white'
So the lady concerned (who had no technical knowledge of how TVs worked of course) rang it in with 'the color needs refilling in my TV, its leaked and run out over the carpet.

....

I remember the twin lead and rabbit ears and Radio Shack TV Amplifiers that never worked! Also, pulling all the tubes out and going to George's Markets back room to test them all out! Thought you might like it

BTW, the real fix to that old TV was knowing where its sweet spot was. Whacking it fixed most problems!!!

Rick Hansen N7EGA

GUEST CONTRIBUTION

Kent Gardner WA7AHY



Aluminum vs. Fiberglass Antenna Poles

The club meeting at the Riverdale Park in April 2023 was a cool idea. The displays of emergency and radio camping gear and antennas were very well thought out and displayed.

There were a lot of questions about antenna poles. In my setup, I used my war surplus antenna poles. They were aluminum and were procured at a ham radio swap meet near Los Angeles (TRW) at least 40 years ago. The picture below shows two of them compared to the ones used by our club except that the ones shown here are white instead of camouflage.



The poles that we use as a club are fiberglass and were originally used by the military as supports for camouflage netting. They are available for purchase at Smith and Edwards store next to the I-15 freeway in Pleasant View. Their display looks like this:



The upper display shows both cammo and white four-foot sections. They are priced at \$4.99 each. When I got my white ones, several years ago, they had to go to the warehouse to get the quantity that I needed.

The next to the bottom shelf displays similar poles that are all aluminum and are fairly heavy. They are being sold for \$9.99 each. They are also cammo. The bottom shelf has spreaders for the camouflage poles. I guess some of them are white which match the white poles which could be used in snow or possibly the desert?

TNX Kent Gardner, WA7AHY

GUEST CONTRIBUTION

Dave Sanders K7RGY

RADIO AMATEUR NEWS

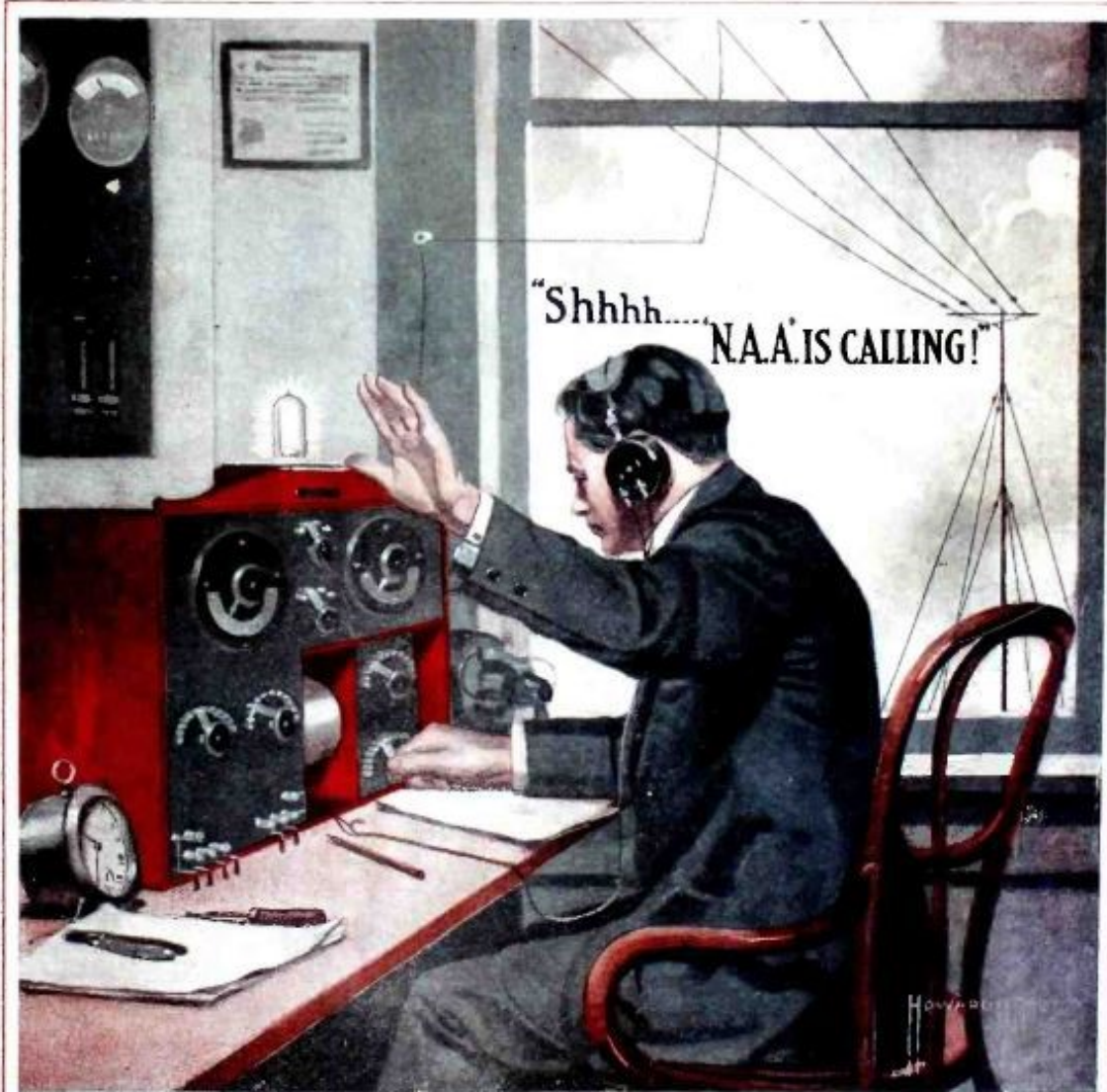
15 Cents

JULY

1919

Edited by

H. Gernsback



**IN THIS
ISSUE:**

THE AUDION AND THE AMATEUR
By Dr. Lee de Forest
EXPERIMENTS ON GROUND ANTENNA
By Chas. D. Herrold

HOW I BECAME A RADIO BUG
By Thomas Reed
DESIGN OF ROGERS GROUND ANTENNA
By J. Stanley Brown

GUEST CONTRIBUTION

Dave Sanders K7RGY

Fun Old Stuff

<https://www.rsp-italy.it/Electronics/Kits/index.htm>

Take a trip back in time when people built Heathkits.

https://www.youtube.com/watch?v=6lfJhZrB_1M

Elementary Electronics Issue from January 1974

<https://worldradiohistory.com/Archive-Elementary-Electronics/1970/Elementary-Electronics-1974-01-02.pdf>

Some very interesting facts about the history of SSB but the narrator is a little hard to listen too.

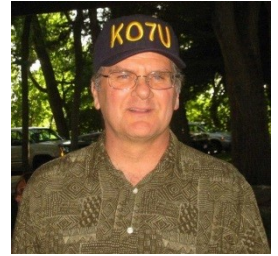
<https://www.youtube.com/watch?v=BBRntPJTr5Y>

Central Electronics built the first viable commercial SSB product; the 10A.



GUEST CONTRIBUTION

Kim Owen KO7U



Kim was the OARC president for 3 years, 2009-2010, 2010-2011, and 2011-2012.

He found this old photo from back when he started the ...
OARC—Golden Spike Special Event.

Thanks Kim.



GUEST CONTRIBUTION

The Source Radio Newsletter

AM is Deemed “Absolutely Mandatory”

Congress and a consortium of players pushed back when automakers attempted to strip AM receivers out of dashboards. Safety officials knew that cellular and internet-based communication methods are not reliable in real-world disasters.

BREAKING NEWS

Senate Commerce Committee Votes to Advance the Bipartisan Act

"AM Radio for Every Vehicle"

Near unanimous support has propelled the bill to the Senate for action.

Update: The Senate on July 27 moved the AM bill out of committee to set it up for a floor vote.

AM Radio Is Deemed "Absolutely Mandatory"

Virtually all are convinced of the band's value to America ... except automakers.



WASHINGTON, DC: The 70's soul group implored, "Don't let money change you." But Detroit, of all places, was not listening. It was Ford's proposal to remove all AM radios from their vehicles in April that ignited a grassroots push-back with so much torque that it had the company shifting to "reverse" by May.

First they said the reason for the change was because Electric Vehicle (EV) radio reception has unavoidable interference. When that was proven untrue, they suggested that no one listens to AM anymore. But Ford buyers told the company otherwise. Finally, they asserted that AM receivers aren't needed in gas-powered vehicles either. America saw through that one. The move was really about lowering costs at the expense of driver safety – not a good look for an automaker.

Opponents entered the ring from every direction: local and state emergency and health managers, FEMA (Federal Emergency Management Agency), the NAB (National Association of Broadcasters), state broadcast associations, a rare bipartisan consortium of congresspeople and even a FCC commissioner weighed in. America had invested heavily in the AM infrastructure for national emergencies – and had even hardened it against attacks. When Americans saw AM on the ropes, it was time to call the fight unfair.

Sensing zero opposition, Congress stepped in with the "AM Radio In Every Vehicle Act," which you can personally support by signing the NAB's petition that directs your voice to your elected leaders. (Visit '[Act Now](#)' to add your name to list of those who support the legislation, which requires carmakers to continue to provide AM receivers in all vehicles at no additional charge, until a better means of emergency notification is found.)

South Dakota's attorney general Marty Jackley pushed Congress for approval in a recent interview. He noted the low demand for electric vehicles and the high interest in AM radio as a carrier of public health and safety messages, severe weather warnings and emergency information. Chris Winkle, president of the Kentucky Broadcasters Association has pointed out that AM service is critical because it reaches 90% of the US population during a national emergency, noting its resiliency – that it's not based on internet or cellular delivery methods. (It is widely held that cellular and internet services are not likely to be functional in a large-scale disaster; and even if they were, their utility would be limited since in most states, hand-held portable devices are not allowed to be used by drivers while operating vehicles.)

The Source will keep you updated.

GUEST CONTRIBUTION

WANTED

Contributing Editor submissions always welcomed!



ARRL Files Comments Against "Seriously Flawed" Shortwave Rules Petition

ARRL, as part of its mission to protect Amateur Radio, has filed [comments against a proposal](#) that would introduce high-power digital communications to the shortwave spectrum that in many instances is immediately adjacent to the Amateur HF bands.

The "Shortwave Modernization Coalition" (SMC), which represents certain high-frequency stock trading interests, filed [the petition](#) with the Federal Communications Commission (FCC). **(Previous coverage can be found on [ARRL News](#).)** ARRL responded on behalf of its members and the 760,000 licensees of the Amateur Radio Service in the US.

The ARRL Laboratory performed a detailed technical analysis over several months to determine if the proposed rules would affect operations on the bands allocated to Radio Amateurs that are inter-mixed with the Part 90 bands in the spectrum in question.

ARRL's analysis determined that, if the proposed rules are adopted, the new operations inevitably will cause significant harmful interference to many users of adjacent and nearby spectrum, including Amateur Radio licensees. Ed Hare, W1RFI, a 37-year veteran of the ARRL Lab and internationally recognized expert on radio frequency interference, was the principal investigator on the study. Hare concluded the petition should not be granted. "This petition seeks to put 50 kHz wide, 20,000-watt signals immediately next to seven different amateur bands with weaker protections against interference than required in other services," said Hare.

In its formal opposition, ARRL stated, "That destructive interference would result if operations commenced using anything close to the proposed maximum levels."

ARRL's filed comments highlight flawed analysis and incomplete data submitted by the petitioners. It noted the petitioners "...significantly understate the harmful interference that is not just likely, but certain, if the rules proposed by SMC are adopted as proposed. It is noteworthy that SMC's proposed rules would provide less protection than the much-lower power amateur radio transmitters are required to provide Part 90 receivers." ARRL's opposition also noted that there was no reported tests conducted with Amateur or other affected stations, but referenced a spectrum capture in the Comments filed with the Dayton Group that showed actual interference into the Amateur 20-meter band from one of the High Frequency Trading experimental stations.

Part 90 HF rules currently authorize a maximum signal bandwidth equal to a voice communications channel, at up to 1000 W peak envelope power (PEP). The petition seeks multiplication of signal width, greater transmitted power, and weaker rules that protect users of adjacent spectrum. ARRL's comments expose the likely fallout:

"Incredibly, notwithstanding the significant increase in potential interference that would result from using digital schemes with 50 kHz bandwidths and 20,000 watts of power, SMC also proposes to substantially lessen the protections required to protect adjacent and neighboring licensees. SMC proposes [out-of-band emissions] limits that offer less protection than the existing Part 90 limits and would actually permit no attenuation (0 dB) at the edge of adjacent allocations, many of which are bands allocated to and heavily used in the Amateur Radio Service. Consistent with lessening protections while increasing the potential for harmful interference, SMC also proposes a lower limit for spurious emissions. SMC would reduce the existing protection of -73 dB for the applicable 1000-watt power limit to just -50 dB protection for their proposed 20,000-watt limit. Due to the much wider 50 kHz proposed bandwidth, the resulting interference would penetrate deep into the adjacent Amateur bands."

The proposal has been assigned FCC Docket No. RM-11953. While the period for commenting on the petition has now closed, replies to comments in the record may now be submitted.

Hundreds of licensed Radio Amateurs filed comments in the Docket, expressing overwhelming opposition to the proposal. Those interested may read ARRL's full comments and the results of the technical analysis, which are included in the filing. "If granted as written, this would be devastating to Amateur operation for many tens of kHz into our bands," said Hare.

A Message from ARRL President Rick Roderick, K5UR

Dear ARRL members,

Yesterday, the ARRL Board of Directors completed their second annual meeting. I'm writing to let you know that they made the tough, but necessary, decision to increase the regular membership dues rate to \$59 a year starting January 1, 2024 (see [2024 Dues Rates](#)). Additionally, we have chosen to separate the printed, mailed magazine from regular membership. Members will be able to choose whether they want to add-on a print subscription to any of our magazines including *QST*, *On the Air*, *QEX*, and *NCJ*. All members will continue to have online, digital access to each of these four magazines and the digital archive as part of their regular membership benefits.

This is only the second time in 22 years that ARRL has raised our dues. It is a necessary part of ensuring ARRL is supported so we can continue to promote and fight hard for our Amateur Radio Service, while providing benefits and services for our members that increase your knowledge and enjoyment of ham radio.

To help us make this decision, we invited every ARRL member to participate in a survey in May. Over 20,000 members responded (you can view the survey results [here](#)). We know from the survey results that most of you will find the new rate reasonable, or even ask why we didn't set it higher. We also know that some may find the rate is too high. As I've shared with many of you during my visits at hamfests and conventions, each of us has a responsibility to be active participants, and to support ARRL if we want to increase our ranks and ensure a lasting legacy for amateur radio's future.

You told us that you value ARRL's advocacy efforts, including spectrum defense, standing up to regulators and policy-makers, and our work in other areas that defend, promote, and grow amateur radio - including STEM outreach to schools, teachers, and youth. **There is no other organization that is working harder to advance a vision that allows any citizen to explore, develop, and practice radio communications and radio technology.**

Your feedback showed us the many benefits, services, and programs you use - from Logbook of The World, to the work done by the ARRL Lab to test equipment for product reviews. While our magazines topped the list of benefits, many of you also shared that your reading preferences have changed. Some of you prefer print, and increasingly members prefer digital. As a result, for those who prefer print, you will be able to subscribe to *QST* and/or *On the Air* magazine. Again, all members will continue to have access to the digital editions of all four ARRL magazines.

Have you ever heard a Life Member say, "I got a good deal when I signed up for Life Membership 25 (or 30, or 40...) years ago." They're right! They got a good deal, but continuing to serve Life members is not sustainable without making some changes. So, we're going to freeze new applications for the program, not adding any new Life Memberships until we can price the offering to be revenue neutral over its term. And, again, as more members prefer digital, we'll be asking current Life Members to opt-in if they want to continue to receive *QST* by mail.

The cost of doing business goes up every year. During the last couple of years, the costs associated with printing and postage have increased significantly. We've cut and delayed hiring for some positions on our professional staff - one of the smallest teams we've had staffing our headquarters in Newington, Connecticut, in years. We are also continuing to examine other cost-saving measures, but we cannot go further without reducing or eliminating benefits and programs which our members have told us are important to them.

I can assure you that the ARRL Board exercises due diligence and oversight in making sure your association is a good steward of your membership dollars. The reality is that ARRL does a lot - in fact much more than dues cover.

ARRL shares your passion for amateur radio. We are committed to strengthening and growing our community, and protecting our rights to use and experiment on our amateur radio spectrum. We have a 109-year track record that includes YOU as part of that ongoing legacy of support for amateur radio and ARRL.

O'bay Swap

SWAP ITEM # 246

FOR SALE: *Liquidating world-class amateur radio station* (Mike Petz W7DNI)

ASKING PRICE: \$ (reference chart)

NOTE: Only serious interest enquiries

CONTACT: *If sincerely interested in what is available,*

please contact Dee Dostaler W7DEE at bdrr@msn.com

<u>Brand</u>	Model	Nomenclature	Asking
Yaesu	FT-450AT	HF/50MHz Transceiver NIB	\$400
ICOM	IC-2730	Tranceiver	\$225
ICOM	ICT7H	Handheld Transceivers (2 available)	\$80 ea
ICOM	IC-AT180	External Auto Antenna Tuner	\$200
ICOM	ICSM20	Mic	\$100
ICOM	IC3PA	Power Supply	\$50
Heil	Proset-IC	Headset	\$120
Heil	Proset 3	Headset	\$100
Astron	SS-30M	Power Supply	\$250
Astron	RS-30M	Power Supply	\$150
MFJ	269	Antenna Analyzer	\$125
MFJ	MFJ-260B	Dummy Load, 300W, 0-150MHz NIB	\$50
MFJ	MFJ-418	Morse Code Tutor NIB	\$90
MFJ	MFJ-461	Morse Code Reader NIB	\$90
MFJ	MFJ-557	Code Practice Oscillator	\$30
West Mountain	Rigblaster Pro	Control Interface	\$100
Alpha Delta	Delta 2B	2 position Coaxial Switch w/gnd	\$40
Home Built		2M Tape Measure Fox Hunt Antenna	\$10
		Clampable Desk Lamp	\$10

O'bay Swap

SWAP ITEM # 242

FOR SALE: Collins 30L1 Amp

This is a very clean Amp. Original manual in excellent condition.

ASKING PRICE: **\$650**

CONTACT: Ed McKenney, AA1ZK, 860-729-8986, Eden Utah



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>

O'bay Swap

SWAP ITEMS WANTED

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

CLUB REFERENCE MATERIAL

OARC Repeater Sites

Promontory Point
Elevation: ?
-146.920 (123 Hz)
-448.775 (123 Hz)

Powder Mountain
Elevation: ?
-145.470 (123 Hz)
-447.775 (123 Hz)

Marriott Slaterville
Elevation: 4500 ft
-146.820 (123 Hz)
-448.575 (100 Hz)

Mount Ogden
Elevation: 9572 ft
-146.900 (DCS 125)
-448.600 (123 Hz)



Scott Willis KD7EKO



Mike Fullmer KZ7O

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

OARC MEMBERSHIP DRIVE

SUPPORT YOUR RADIO CLUB

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

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

THANK YOU FOR YOUR SUPPORT

Join OARC

Join or Renew your membership now!

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

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

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

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

Club Badges

OARC Club badges are available for all licensed club members.

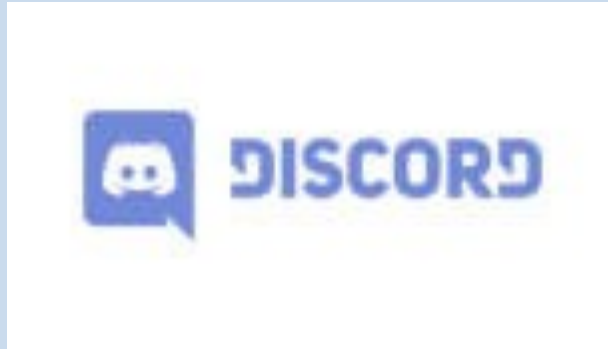
The cost is **\$12.00** each. The badge comes with a “MAGNETIC” clip. Badge includes your Call Sign in large letters and your First Name in a somewhat smaller font in white lettering on a pitch black background with the club logo. See example below.



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

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

OARC Discord Page



Did you know that OARC has a Discord page ?

What is a Discord Page you ask?

It is OARC's new discussion group site.

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

OARC Facebook Page



Did you know that OARC has a Facebook page ?

Just click on the icon on the bottom of the club website home page to visit OARC's ongoing monthly activities and events. Check it out!

OARC You Tube Channel



Did you know that OARC has a You Tube Channel ?

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

It's easy to view missed



meetings...

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

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday of each Month

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

Meeting/Activity:

See monthly notices earlier in this newsletter.

Talk-in: - 448.600 (pl 123.0)

Check OARC web site for details

www.ogdenarc.org

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

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

Next Weber Co VE Test Session:

1st Wednesday Feb, Jun & Oct

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

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

Location: Permanent location

**Utah Military Academy
5120 S 1050 W
Riverdale UT 84405**

Contact: VE Liaison:

Rick Morrison W7RIK (Liaison)

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

open (Co-Liaison)

Jason Miles KE7IET (IT)

Cost: \$ 14.00

Two forms of **ID**, one of which must be a **picture ID**.

For "Upgrades" bring current **license** and a **copy** of current license, and any **CSCE's**

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

AREA CLUB MEETINGS & WEB SITES

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

Club Web Site

Be sure to visit our club web site.

www.OgdenARC.org

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

Club Call Sign

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

W7SU

OARC is 100 years old

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

OARC REPEATERS			
(*) Yaesu Fusion digital/FM compatible			
FREQ	CLUB	TONE	LOCATION
146.900-	OARC (*)	125 DCS	Mt Ogden (w/WiresX)
448.600-	OARC (*) "talk-in"	123.0	Mt Ogden
146.820-	OARC (*)	123.0	Marriott UT
448.575-	OARC	100.0	Marriott UT (no autopatch)

FREQ/Offset	TONE	LOCATION	OWNER
145.250 -	PL 123.0	Weber State Univ	WSC
145.290 -	PL 123.0	Brigham City	GSARC
145.330 -	PL 100.0	BYU (Provo)	BYUarc
145.430 -	PL 123.0	Brigham City	GSARC
145.470 -	PL 123.0	Powder Mountain	WCSO
145.490 -	PL 100.0	Promontory Point	K7JL
146.620 -	PL none	Farnsworth Peak	UARC
146.640 -	PL none	Logan	BARC
146.720 -	PL 103.5	Mount Logan	BARC
146.760 -	PL none	Lake Mountain	UARC
146.780 -	PL 100.0	Lake Mountain	UVARC
146.920 -	PL 123.0	Promontory Point	WCSO
147.040 +	PL 123.0	Antelope Island	DCARC
147.100 +	PL 123.0	Morgan County	KB7ZCL
147.120 +	PL 100.0	Farnsworth Peak	UARC
147.220 +	PL 123.0	Brigham City	GSARC
147.260 +	PL 103.5	Promontory Point	BARC
147.360 +	PL 100.0	Lewis Peak	Summit Co ARC
447.200 -	PL 127.3	Antelope Island	DCARC
447.225 -	PL 100.0	Malad Idaho	Malad Repeater
447.775 -	PL 123.0	Powder Mountain	WCSO
448.300 -	PL 123.0	Brigham City	GSARC
448.775 -	PL 123.0	Promontory Point	WCSO
448.825 -	PL 123.0	Clearfield City	IRLP Node 4654
449.100 -	PL 146.2	Farnsworth Peak	UARC
449.250-	PL 123.0	Weber State Univ	WSC
449.425 -	PL 100.0	Nelson Peak	IRLP - Western
449.500 -	PL 100.0	Farnsworth Peak	UARC
449.625 -	PL 103.5	Mount Logan	BARC
449.925 -	PL 100.0	North Salt Lake	DCARC
449.950 -	PL 123.0	Clearfield City	IRLP Node 3876
ATV - wb7fid	TV Ch 58	Farnsworth Peak	UARC - Utah ATV

LOCAL AREA NETS

DATE	CLUB	FREQ
Daily @ 12:30 PM mt	Utah Beehive net HF	7.272 Mhz HF LSB
Daily @ 07:30 PM mt	Utah Code net HF	3.570 Mhz HF CW
Daily @ 02:00 UTC	Utah Farm net HF	3.937 Mhz HF LSB
Sunday @ 8:45 AM	Ogden Old Timers HF net	7.193 Mhz HF LSB
Sunday @ 7:15 PM	Weber/Davis ERC	146.820 - 123.0 (ERC training net)
Sunday @ 7:30 PM	GS ARC	145.430 - 123.0 (training net)
Sunday @ 8:30 PM	SATERN Net	145.900 - 123.0
Sunday @ 9:00 PM	Morgan Co Net	147.100 +123.0
Sunday @ 9:00 PM	UARC Info net	146.620- no PL tone required
Monday @ 9:00 PM	2-meter SSB net	144.250 Mhz 2-meter USB
Tuesday @ 6:30 PM	OARC—Ham & Eggs Net	448.600 -123.0
Tuesday @ 8:00 PM	Weber ARES	448.600 - 123.0
Tuesday @ 8:00 PM	DCARC TECH Net	147.040 + 123.0
Tuesday @ 8:00 PM	VHF Society Swap	147.120 + 100.0
Tuesday @ 9:00 PM	Bridgerland ARC	147.260 + 103.5
Wednesday @ 7:00 PM	Am-Con Northern Utah	448.600 -123.0
Wednesday @ 8:00 PM	GS ARC	145.290-, 145.430-, 448.300- (all 123.0)
Wednesday @ 8:30 PM	CSENG	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	OARC - 10 Meter Net	28.375 MHz USB (all hams invited)
Thursday @ 7:30 PM	Davis Co ARES	147.420 = simplex & 449.925 -100.0
Thursday @ 8:00 PM	Weber State ARC	146.820 - 123.0 (coming soon)
Thursday @ 8:00PM (3rd Thurs)	State RACES VHF/IRLP	145.490 - 123.0, 146.680 - 123.0
Thursday @ 9:00PM	Wasatch Back Net	147.360 + 100.0
Saturday @ 8:00AM mt (3rd Sat)	RACES State HF	3.920 Mhz HF LSB
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz HF LSB

73 de W7SU

www.OgdenARC.org

w7su@arrl.net

PO Box 3353 Ogden UT 84409