

# Salem Amateur Radio Club

## W7SAA Newsletter

August 2022 Volume 4 Issue 8



### President's Corner

Hello SARC crew,

I am looking for individuals who want to do more with the club! Is that you? Please reach out to me and I will do my best to get you involved in something you are interested in!

What do we have going on? Lots of stuff!

**Repeater Committee** - Jay, WB6RDV, is heading up our repeater committee. We have two new Yaesu DR-2X repeaters, 70cm cavities, and several other pieces of hardware planned for installation in our current repeater site while we move forward on moving our existing repeater site to a new facility about 800' up the hill from our current location. The long-term plan is to expand our repeater systems to include additional modes and bands. Analog will always be operational within the W7SAA systems.

**Technician Classes & HAMcamp** - Chris, KJ7UYT, and Patric, KK7DCW, have done a wonderful job of organizing this effort and we have our first HAMcamp scheduled for September 24th at the Macleay Grange Hall! If you are interested in participating with either event - WE NEED YOU! To aid in these efforts, as part of our grant, we acquired a projector and screen, and 50 baofeng radios to give out to our participants to get them started.

**AREDN Mesh** - We have several new pieces of mesh gear to prepare for installation at our repeater site. Sharing knowledge and experience is key to growth in this area. I have learned a lot about these systems and am ready to share and guide those that may be interested in these area.

### Other things going on

- **Bylaw and Policies & Procedures review**. The Executive Board is reviewing our documents, coming together, and recommending updates and corrections to our rules and guidelines. We are planning to have these ready to be presented to the membership for a vote at our next General Meeting.

- **Secondary Site** - We are getting closer to completing an agreement with the land owner to be able to use an existing 75' tower just east of Salem at about 600' elevation. Initial plans are to equip it with mesh gear and a GMRS repeater and continue to expand it over time.

- **GMRS Repeaters.** Yes, repeaters. Andrew, KJ7ZYM, and Marc, KA7RMY, have stepped up to assist the Mount Jefferson Snowmobile club in improving their communications at the Ray Benson sno-park on Hoodoo. Once our contract is signed for the secondary site, a GMRS repeater is expected to be installed here to cover the Salem area! There are no GMRS repeaters in the Salem area at this time and should benefit our local GMRS operators.

### **KUDOS**

Thank you Crittenden, KJ7NUX! You took the lead on coordinating the Cystic Fibrosis Bike Ride event this year, with only 2-weeks to pull it together. And you did it! Thank you to all those that participated and made this a successful event!

Thank you to the **Women's Auxiliary Planning Committee / Social Committee** for a successful and well planned club BBQ event at the Willamette Mission State Park in July. Thank you also to those that took the time to attend. I am very much looking forward to seeing the results of your efforts and planning.

### **Upcoming events**

- [2022 Pacific Northwest VHF Society Conference](#) - This event is in Salem, Oct. 7th and 8th.
- [High Desert Ham Fest event on Sat OCT 1st 2022](#) - October 1st, Redmond, OR
- [Winter Field Day](#) - I know its still summer, but this event will sneak up on us quickly. Scheduled for January 28th & 29th 2023 - we need to start looking for a site to operate out of now so we can plan for it. If you have a potential site idea, please let us know!

Nick N7UF  
SARC President





## Board Meeting

DATE	July 12, 2022	
TIME	6:30 PM	
PLACE:	Macleay Grange	
ATTENDANCE		
President	Nick Barwig	N7UF
Vice President	Mike Reed	KJ7BRF
	Donna Reed	
Treasurer	John Jackson	W7SDP
Secretary	Mary Pardo	KJ6IDA
Board Members	Norm Waters	KK7ACE
	Chris Corbett	KJ7UYG
	TJ Sparks	K7AVG
	Andrew Hemenway	KJ7ZYM
	Richard Newton	W3RAN
	Mark Doucette	KI7FZV
	Vicki Doucette	
Guests	Kevin Clay	KJ7ZUC
	Korianna Clay	
	Carl Engstrom	KF7BBR
	Patrick Pardo	KK7DCW

Nick (President) called the meeting to order. Round table introductions was conducted. John Jackson introduced the treasurer's report reflecting the addition of \$22,000 grant money deposited into the account. Chris Corbett will monitor and document spending of the grant money. Documentation must be completed and submitted by February.

Looking into repeater upgrades, equipment, educational materials, ham camp, laptops, cables, Bofang radios, & Yasue repeaters (purchase price, 2 for \$ 1800 (900 each).

Law Firm from estate of Thomas Kent (deceased) was presented and acknowledged that Salem Amateur Radio Club will be awarded literature and reading materials from his living trust.

The club picnic will be held at Willamette Mission park July 17<sup>th</sup>, 1 pm. Ham radio equipment will be set up. Club will supply hamburgers and links. Attendees will provide potluck style side dishes.

Request for volunteers for the Cystic Fibrosis Cycle for Life Ride needed, event to be held July 23. 2022. At Lady Hill Winery 8400 Champoeg Rd NE St Paul OR starting at 7 am.

Our club 75<sup>th</sup> anniversary will be next April 2023. Open to ideas and venues for the event.

Andrew Hemenway and Patrick Pardo are working on Ham Camp, possibly to be held in September, to coincide with upcoming training and testing. Testing is scheduled for September 19<sup>th</sup> at Macleay Grange.

The club is looking into purchasing 50 BaoFeng ham radios to help those with new tech licenses to get acquainted with ham radios, programming and communication.

Nick met with the Benson Family regarding help with repeater system for the Snow Mobile Search and Rescue Team in Mt Jefferson. They are in need of a better communication system and tower. Also in need of 6 more radios.

Women's Auxiliary Planning committee are requesting radios (in a 3 pack set) possibly GMRS to communicate with each during special events like Ham Field Day. GMRS licenses are required, can be held within the family unit.

Club is looking into putting up a new antenna at the tree farm for a nominal fee payable to the tree farm.

Request to help Beverly Quirium sort through ham radio equipment from the death of her husband, has been postponed. Items to be sold at the next ham swap meet in October.

Club by laws will be introduced and reviewed at the next board meeting.

Meeting adjourned at 7:50 pm

Next Grange meeting will be at the grange July 20<sup>th</sup> 2022

Next General meeting at Denny's July 26<sup>th</sup>, 2022

Next board meeting will be August 9<sup>th</sup>, 2022 at the grange







# GENERAL MEETING MINUTES

**DATE:** July 26, 2022  
**TIME:** 7 pm  
**LOCATION:** Denny's Restaurant (3155 Ryan Dr SE, Salem)  
**President** Nick Barwig N7UF  
**Vice President** Absent  
**Treasurer** John Jackson W7SDP  
**Secretary** Mary Pardo KJ6IDA  
**Board Members** TJ Sparks K7AVG  
Mark Doucette KI7FCV  
Andrew Hemenway KJ7ZYM  
Richard Newton W3RAN

Meeting was called to order. We stood for the pledge of allegiance. Round table introductions were conducted. First order of business, recently elected board member Richard Newton is stepping down as board member due to medical reasons. Vote for a new board member to replace Richard was conducted. Carl Engstrom and Kevin Clay were the candidates. Kevin Clay (KJ7ZUC) was elected.

Grant funding has been applied to purchases of new club equipment and has begun to arrive. 50 HT radios, a projector for training courses with a screen, club computers, two DR-2X repeaters and system components, cavities, and MESH equipment. Battery backups for MESH stations were recommended.

Ham Camp date has been confirmed for September 24th at Macleay Grange (Saturday) from 10 am to noon. Patrick Pardo and Andrew Hemenway will be conducting ham camp.

Terry Brown (N7TB) made a presentation on Anderson Power Pole connectors using crimpers.

Korianna Clay (KK7HOW) presented a sample of T-shirts she can make for Field Day. She can also make ID badges, name tags, and possibly calendars.

Carl Engstrom reported about club members attending the Cystic Fibrosis bike ride last Saturday, the 23rd. There was a good turnout. Upcoming events could use ham radio volunteers to assist in communications.

2022 Pacific Northwest VHF Society Conference happening October 7 & 8th at the Holiday Inn in Salem. Participation for the two-day event is \$ 65 if registered before October 1st, \$75 at the door.

Board members are currently reviewing and preparing the club's policies and procedures as well as the by-laws to submit proposed changes at the next general club meeting for approval by the general club membership in attendance.



The next swapfest will be October 14th & 15th, swap meet held providing various electronics, equipment, and general merchandise for sale at swap meet prices. Our club gets a percentage of the proceeds for consignment items sold through the clubs "Country Store".

Club membership fees are due in June.

Radio etiquette was brought up, every 10 minutes call sign must be stated.

Raffle was held. Mike Nason (AG7QH) won 50/50 cash. Other winners picked to receive items of choice were Carl Engstrom, Patrick Pardo, and Michael Barnes.

Meeting was adjourned at 8:30 pm.

Next meeting for by-laws and policies and procedures review is scheduled for July 29th, via Skype 6:30pm.

Next Board meeting will be at Macleay Grange August 8th at 6:30 pm.

Next Grange meeting is August 17th at Macleay Grange starting at 6pm it will be family get together food and potluck.

Next general meeting will be August 23rd 7pm at Denny's Restaurant (Ryan Dr, Salem).





HIGH DESERT

# HAM FEST



## 1st Annual High Desert Ham Fest

**Oct 1st, 2022 8:30am – 3pm**

**Deschutes County Fairgrounds 3800 SW Airport Way Redmond, OR 97756**

**Presented by High Desert Amateur Radio Group 501(c)3 and  
Central Oregon Amateur Radio Emergency Communications Team. 501(c)3**

**Reserve your RV site at Expo Center RV Park.  
(not affiliated with HiDARG)  
541-585-1569 30a/50a Full hookups  
<https://expo.deschutes.org/p/rv-park>**

**Motel 8 near the event will have a block of rooms reserved with  
special rates. Be sure to mention HiDARG Ham Fest.**

**Online registration available in June  
See [www.hidarg.org](http://www.hidarg.org) for latest information.**

**Door prizes and a free drawing ticket with en-  
try. More tickets on sale during the event.**

**Test sessions for Technician, General, and Extra  
will be available. Be sure to contact us prior to.**

**Various local and regional Vendors will be on  
hand. Special commercial vendor rates. Con-  
tact us for more information.**

**PRIZES: Signalink, TYTQuadBand, FT-70D, Power Sup-  
plies, UPS Unit, Legacy Equipment, much more.**



**[WWW.HIDARG.ORG](http://WWW.HIDARG.ORG)**





## 2022 Field Day



















## 2022 Club Picnic















## Growth and Participation

Good things have been happening for the club, and in a major way. Membership numbers are at the highest numbers that I have seen in the last year and a half. Participation is reaching a level where keeping track of who all is doing what has become a very involved task. Since receiving the grant funding from ARDC the club has been purchasing the equipment that was approved within the grant proposal. Several board members as well as members of the general club population have been working their tails off getting committees and projects underway. We now have the Women's Auxiliary Planning Committee (WAPC) in full swing as well as the repeater committee starting their efforts this very evening with their first official meeting. Board members have already had two very long and detailed meetings via Skype to review and revamp the by-laws. Of course, the revisions will be presented to the general club membership, and they will ultimately decide if the revisions are ratified. I am heading up efforts to organize the technician training course with help from the previous group that lead the course for over 10 years. We also have HAMcamp getting underway in September with its first session scheduled for the 24<sup>th</sup> @ 10am. There is so much going on that I could not list everything in detail here or I would lose my audience!

In my world I have gotten fully settled into my new place with my office\shack configured well enough for the time being. My wife (KK7DCT) has also decided to put a desk in the office so we can both have a dedicated study\project area. She has even mentioned the possibility of studying for her general class license as well as looking forward to participating in one of the upcoming HAMcamp courses. I have included a picture of my desk and radio cabinet area.



I have also obtained a lathe and small mill that are now configured in my garage. They just barely fit! I will have a short break between school terms starting in mid-August and running until the end of September in which I look forward to spending most of my free time working on club projects. I will of course be working full time during this break but afternoons and weekends will likely be spent on radio related projects and outings. I look forward to working with more of the club members, as I do not know them all. We really do need all of you to join in the effort to expand and develop our club, it takes a village...or something like that!

Chris Corbett KJ7UYT



**CQ CQ CQ**

**Let's** get some pictures of your radio shack or mobile setup, email your pictures to: [salem.w7saa@gmail.com](mailto:salem.w7saa@gmail.com)

**Also remember** that dues are due by June 30th. You can visit the website [www.w7saa.net](http://www.w7saa.net) and use the PayPal button to renew.

Check the w7saa groups io page for the latest info and to see what is being covered on the Thursday night video tech session

### **TECH SESSIONS**

The club wants to start doing tech sessions again at the Grange. If you have any requests or suggestions please email them to the club.  
[salem.w7saa@gmail.com](mailto:salem.w7saa@gmail.com)

**Join ARRL**  
***or Renew your Membership***

## **Technician, General and Extra class pool questions with only the correct answers**

[http://www.hollandarc.org/?page\\_id=3570&fbclid=IwAR355te0lswfcGtDjKKVE8mudyeTpoEvurAz2a1PpHOWNUp74f7Ij9WCCno](http://www.hollandarc.org/?page_id=3570&fbclid=IwAR355te0lswfcGtDjKKVE8mudyeTpoEvurAz2a1PpHOWNUp74f7Ij9WCCno)

Ham Radio Basics:

[https://www.hamsphere.com/5\\_52264\\_read.html?ref=hamradio](https://www.hamsphere.com/5_52264_read.html?ref=hamradio)

## **Dictionary of Ham Radio Terms**

<https://www.amateur-radio-wiki.net/dictionary-of-ham-radio-terms/>

Repeater Book Online:

<https://www.repeaterbook.com/repeaters/index.php...>

The links are for the Technician Class License, AA9PW is what many of us have found that works well for practice exams as it goes over what you missed during the test.

YouTube:

Part 1 <https://youtu.be/0wwnOPaF1qI>

Ham Radio 2.0

Ham Radio Crash Course

Training Handout for Technician Level:

<http://n7ds.net/training>





[ARRL New England Representatives Hit the Road for Field Day 2022](#)

[Call for Papers for the 40th AMSAT Space Symposium](#)

[Registration Open for NASA's 2022 International Space Apps Challenge](#)

[The QSO Today Virtual Ham Expo Returns September 17 -18, 2022](#)

[Amateur Radio in the News](#)

[ARRL Podcasts Schedule](#)

[Announcements](#)

[In Brief...](#)

[The K7RA Solar Update](#)

[Just Ahead in Radiosport](#)

[Upcoming Section, State, and Division Conventions](#)

# ARRL Club News



[Field Day 2022](#)  
[Club Grant Program Update](#)

## FCC Legacy CORES System Has Been Retired

[QST is Now Offering a Column for Clubs](#)

[Submitting Info for this Newsletter](#)

[How to Plan and Apply for an ARRL Hamfest or Convention](#)

[Important Links](#)

## DIPOLUSA.COM

An advertisement for DIPOLUSA.COM. It features images of various antenna components: a row of insulators, a black antenna wire, and a diagram of a dipole antenna. To the right, a blue box lists products: '3" SOLIDS HYLOX INSULATORS', '100% AMERICAN MADE DACRON ROPE', and several sizes of rope (5/32" 100', 5/32" 250', 3/16" 100', 3/16" 1000'). It also mentions 'T3FD LIVE DEMO!'. At the bottom, there's a 'DIPOLUSA MONTHLY' logo and a list of payment methods including PayPal, Square, and others.

**FT8 + FlexRadio™**  
*A match made in digital heaven.*



## ARDUINO COMPATIBLE KIT SALES EVENT!

An advertisement for an Arduino compatible kit sales event. It features a man in a white lab coat and sunglasses holding a radio. To his right is a blue box with a circuit board icon and a plus sign, containing the text 'FREE ARDUINO CRASH COURSE W/EVERY KIT!'. Below this, a red banner says '\$59 VALUE FREE, CLICK HERE!'.

## Dates and Events to Remember

**August 9th Board meeting @ Macleay Grange 7PM**

**August 15th VE Test Session@ 6:30pm Macleay Grange**

**August 17th Grange Meeting @ 6pm**

**August 23rd General Meeting @ Denny's 7PM**

Remember to check the calendar on [w7saa.groups.io](http://w7saa.groups.io) page for more info

## NETS to Remember

- *SARC net @ 7pm Sunday's on club repeaters*
- *High Noon Net @ 12pm Monday thru Friday on club repeaters*
- *Mid Valley Net @ 7pm Monday's and Thursday's on 145.33 pl 186.2*
- *Oregon Emergency Net @ 6pm Daily on 3.980*
- *Casual hf net 3830 at 7pm on Friday's. Listen to the repeater for N7HEX for any announcements 6:30 to 6:45*



# Current Members 111

Arguien, Jeremy	KK7LAW	G
Barnes, Michael	WA7SKG	E
Barnes, Sharon	N8QBX	T
Barwig, Nicholas	N7UF	E
Bathurst, Dan	WA7ABU	E
Beadles, Jeff	K9BEA	G
Bell, Freddie	N0LU	E
Bischof, Bryant	W7BDB	E
Bischof, Robin		
Botieff, David	N6JTT	G
Brannigan, John	K6ZIP	T
Brown, Kevin	WA7SHP	E
Brown, Terry	N7TB	E
Brusch, Don	K7UN	E
Bunch, Dan	KJ7ZMP	T
Chesher, Richard	WD7ALE	G
Claar, Rod	K7LAP	A
Clay, Kevin	KJ7ZUC	T
Clay, Korianna	KK7HOW	T
Corbett, Christopher	KJ7UYT	E
Cornwell, Richard	K9RCP	G
Crabill, Jeff	N7DS	E
Daniels, Paul	KB7PPM	G
Doucette, Mark	KI7FZV	T
Doucette, Vicki		
England, Thomas	KE7PPW	T
Engstrom, Carl	KF7BBR	T
Faulkenberry, Blaine	KJ7ECX	G
Fling, Bobby	W7PCD	G
Fowler, John	KJ7VWB	T
Fredrick, John	KJ7UYR	G
Freeman, Aaron	N6AMF	G
Freeman, Antonia		
Frisbie, Alan	K7AEF	E
Fuller, Mike	K7CIE	E
Gaither, Sam	KE7DKZ	G
Gould, Dave	WA7CXG	A
Grasseth, Sharon	KJ7JUY	T
Guilfoy, Geoffrey	KI7PNP	G
Hager, Katherine	W7AUB	T
Hayes, Brian	KJ7ITZ	G
Hemenway, Andrew	KJ7ZYM	G
Hendricks, John	K7JLT	E
Hendricks, Mrs		
Hennigan, Jay	WB6RDV	E
Hetrick, Nancy	KJ7CXI	T
Holloway, Jack	KF7UDH	G
Houghton, Mike	KK7AWG	G
Hoyt, Tracey	KJ7OZL	G
Hoyt, William	K7WJH	E
Hutchins, Barry (BJ)	W7BJH	G
Jackson, Cyndi	KE7IWT	T
Jackson, John	W7SDP	G
Johnson, Andrea	KK7DCT	T
Johnson, Sharon	W6SLJ	T
Jones, Eric	N7EBJ	T

Jovick, David	KI7WKQ	T
Kachirsky, Andre	KI7ZSR	G
Kalb, Stephen	KE7EXX	E
Larson, Bill	WB7OWB	G
Larson, Wes	KF7BWS	G
Lawrence, Jim	KI7SOV	G
Lawrence, Tina	KI7TJ	E
Lewis, John	W6HIA	A
Liss, Charles	KK7DCU	
Lorenz, Dan	K6STX	G
Lutz, Jeff	WB0IZS	G
Martin, Gerald	KJ7BLG	T
Martin, Jerry	K7JKM	G
Meritt, Bruce	KI7PNO	T
Merrick, Andrew	K0IHC	G
Meyers, Carrie	W7XIE	G
Miller, Connie	KC7RQS	T
Miller, Stephen	K7ZK	E
Moore, John	KN4RTK	G
Moss, Brad	WY6Q	E
Mussatti, Daniel	WA7CGO	G
Nason, Mike	AG7QH	E
Neely, David	KD7GRQ	T
Neely, Merrie	KD7IZN	T
Newton, Richard	W3RAN	E
Noble, Heather	KD7JAA	E
Pardey, Arline	KD7HSV	G
Pardey, Jim	WA7ZAJ	E
Pardo, James	KK7DCV	T
Pardo, Mary	KJ6IDA	T
Pardo, Patrick	KK7DCW	G
Partain Al	KG7KUE	E
Pine, Kylie	KI7DSK	T
Pine, Richard	W7OPC	T
Quijano, Oscar	KJ7QJO	T
Reed, Donna		
Reed, Mike	KJ7BRF	G
Riffle, Brian	KJ7UYS	T
Roberts, Kevin	NA7KR	E
Robinson, Ken	KF7EDM	T
Roth, William	KC7I	E
Smith, Nick	KJ7NWK	T
Sparks, TJ	K7AVG	G
Startin, Anne	WA7NNE	E
Taylor, Les	N7TE	E
Thomas, Jagur	N7HEX	G
Tuttle IV, Crittenden	KJ7NUX	G
Van DerHyde, Vince	K7VV	E
VanDoren, Dustin	KI7SYO	T
Venlet, Peter	N8YEL	E
Viola, Victor	N7WOF	E
Walters, Norman	KK7ACE	G
Wells, Tim	W7TWI	G
Williamson, Roger	KC7BRZ	G
Winn, Daniel	KJ7NUY	G

# Suggested Mid-Valley VHF/UHF FM Frequencies

## Salem Repeater Association (W7SRA.com)

Frequency	CTCSS	Notes
145.330-	186.2	Eagle Crest
146.860-	186.2	Prospect Hill
147.020+	186.2	Laurel Mountain
441.275+		DMR Prospect Hill
443.725+	186.2	Prospect Hill

## Salem Amateur Radio Club (W7SAA.com)

147.340+	77.0	Drakes Crossing Linked to UHF
444.250+	100.0	Drakes Crossing Linked to VHF

## Peak Radio Association (W7PRA.com)

145.490	136.5	Wide area linked system
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## Salem Amateur Repeater Group (WA7ABU.com)

145.290-	None	
145.190-	100.0	House Mountain
444.950+	100.00	Yaesu System Fusion

## Other Local Repeaters

145.350-	186.2	
440.725+		KB7PPM Yaesu Fusion Repeater
224.160-	100.0	Drakes Crossing W7BJH
224.600-	100.0	Eagle Crest W7BJH
442.500+	100.0	Eagle Crest W7BJH

## Simplex

29.600	National Calling Frequency
52.525	National Calling Frequency
146.520	National Calling Frequency
446.000	National Calling Frequency

146.500	Polk Co ARES
146.460	Marion Co ARES
146.480	Dallas Area Simplex
146.440	
146.580	Area SOTA Activations



Don't forget to check the web-  
site's for sale page.  
[www.w7saa.net](http://www.w7saa.net)



<b>President:</b> Nick Barwig	N7UF
<b>Vice President:</b> Mike Reed	KJ7BRF
<b>Secretary:</b> Mary Pardo	KJ6IDA
<b>Treasurer:</b> John Jackson	W7SDP
<b>Board:</b> (past president)	
<b>Board:</b> TJ Sparks	K7AVG
<b>Board:</b> Andrew Hemenway	KJ7ZYM
<b>Board:</b> Chris Corbett	KJ7UYT
<b>Board:</b> William Hoyt	K7WJH
<b>Board:</b> Norman Walters	KK7ACE
<b>Board:</b> Kevin Clay	KK7ZUC
<b>1Yr Board:</b> Mark Doucette	KI7FZV

#### Net Control Operators

<b>Monday:</b>	W7XIE / Carrie
<b>Tuesday:</b>	K7DSG / Nick
<b>Wednesday:</b>	KJ7UYT / Chris
<b>Thursday:</b>	KK7DCV / James
<b>Friday:</b>	KI7FZV / Mark
<b>Sunday:</b>	KJ7BRF / Mike

**Club Repeaters Frequencies**  
147.340, pl 77 & 444.250, pl 100