

# Salem Amateur Radio Club

## W7SAA Newsletter

February 2022 Volume 4 Issue 2



### President's Corner

Hello W7SAA members,

We are getting ready for the February Swap Meet! We are still looking for additional volunteers for security. Please contact me if you are available and are willing to help!

**When:** February 19th, 9am - 3pm

**Where:** Polk County Fairgrounds - 520 S Pacific Hwy W, Rickreall, OR 97371

**Flyer:** <http://www.w7sra.com/flyer2022.pdf>

We will be running our *Country Store* table as usual, if you have any gear you want to try and sell, this is a great place to put it. We do charge a 10% commission. Please contact Mark, KI7FZV, if you are planning to bring a lot of equipment so we can make the necessary arrangements.

We are also running a testing session during the swap meet, from 10am - 1pm. This will be in the back building. Additional VE's are going to be helping us make this a success from the Yamhill County area. If you or someone you know is planning to come just for testing, you do not need to also pay for the swap meet. More information and registration can be found here: <https://hamstudy.org/sessions/61de10f3e930da330e657ede/1>

I am very excited to see us in action this year!

We had a great VE session on January 17th, i'm pleased to report that all testees passed their test and either got their license or successfully upgraded. Me included! The new testing methodology is paperless and all done on our personal devices, quite the improvement!

Summer Field Day 2022 - Our 4H reservation is confirmed! We will begin the planning process soon, look for updates and inquiries as we get closer. As soon as the weather starts warming up, I want to see a group of us venture out to the site and start putting together a plan. Hopefully this year we won't be working stations in 115 degree heat.

New Website! [W7SAA.NET](http://W7SAA.NET) got a new look! I published it the evening of January 31st, 2022. Everything got an update! Including the Join/Renew form. Please take the time to visit, i'm always looking for feedback.

Would you like to be a W7SAA.net site contributor? Yes please! Contact me! I'll set you up with an account and guide you through Wordpress so you can post news and articles on our club site.

Nick Barwig / K7DSG  
SARC President



## 1-11-2022 – Board Meeting

**TIME** 6:51 PM  
**PLACE** Macleay Grange  
**ATTENDANCE:**

(Pres) Nick Barwig	K7DSG
John Jackson	W7SDP
Carl Engstrom	KF7BBR
Norm Waters	KK7ACE
Mary Pardo	KJ6IDA
Chris Corbette	KJ7UYG
T J Sparks	K7AVG
Mike Reed	KJ7BRF
Will Hoyt	K7WJH
Andrew Hemenway	KJ7ZYM
Mark Doucette	KG7TKY

President Nick Barwig called the meeting to order at 6:51. All approved. Minutes from the last meeting was approved. (Treasurer) John Jackson read the treasurers report. Expenditures coming due in February. Treasurers report approved.

Old and new business was discussed. Wednesday and Thursday's noon net still needs volunteers, Sunday night net was slow. Looking for new ideas to spark interest in participation.

Still need volunteers for the February swap fest.

The club has missing and unaccounted for equipment. If anyone has items belonging to the club, and still using it, let someone know so we can make a note of it. Use of google forms would be helpful in keeping track of equipment. Checking storage areas at grange to be conducted. Photos, memorabilia dating back to the 60's need to be found. Club will be celebrating 75 years April 6<sup>th</sup>, 2023.

Two repeaters were donated late December. One up and running. Upgrade to digital, expect in 5 years digital will replace analog communication.

Carl Engstrom provided Grange report. New officers to be installed. All club members assigned to the Grange have been accepted. Still need information for Oscar Quijano. Our February swap meet scheduled for the 19<sup>th</sup> will provide country store, needed security, and on site testing for ham radio applicants.

Ham radio testing will also be conducted at the Grange on Monday 17<sup>th</sup>.

At some time in the near future, new licensed ham radio operators will be able to participate in "Ham Boot Camp" to familiarize them with radio operations, programming, and club opportunities.

Club business cards with club logo and information would be a good investment to spread club information for recruiting new members and ham operators.

Spring/Summer field day is scheduled for June 24 {setup}, participation, thru 26<sup>th</sup> {breakdown}. To be held at the 4 H club. Kitchen for food is available, and has an area for ham camp, setup for antenna, and camping.

After the meeting, several board members were to conduct a search of all storage areas.

The meeting was adjourned at 7:59



## General Meeting Minutes

DATE January 26, 2022  
TIME 7 pm  
LOCATION Denny's Restaurant (3155 Ryan Dr SE Salem)

President Nick Barwig  
Vice President Mike Reed  
Treasurer John Jackson  
Secretary Mary Pardo

(President) Nick called the meeting to order promptly at 7 pm. We had 18 members signed in and present.

Swap meet at the Polk County Fairgrounds is scheduled for February 19<sup>th</sup>. Starts at 9 am. T J is handling security. Ham Radio license testing will be available in the back room Volunteer Examiners will be on site. Raffle be at 1:30 pm, at the close of swap meet.

Winter Field day has been cancelled this year, originally scheduled for Saturday 29<sup>th</sup> thru Sunday 30<sup>th</sup>. However, those wanting to participate on their own can still do so. Rules and regulations state participants must be outside.

Summer Field Day is scheduled for End of June (24<sup>th</sup>, 25<sup>th</sup>, & 26<sup>th</sup>) at the 4 H Club. Camping, food preparation areas will be available.

(V P) Mike Reed brought a sample of business cards, the club will purchase and provide to be handed out with club information. Checking into price for 1000 cards. All members and board members approved.

Repeater, returned to service. Someone took the cable. Looking into availability of service monitor, Generally pricing at \$ 1200.

Grange News, Aaron and Randi Embree quit. Need to get access to the Grange. Need to re-start grange membership and participation.

At our first, in person testing for ham radio licenses on January 17<sup>th</sup> at the Grange, 10 people tested and all passed. James Pardo (Tech) was recognized and presented with a ham radio as the first youth licensee in our club. Others in our club were Andie (Tech), and Charles (tech). Patrick upgraded to General. Chris and Nick upgraded to Extra. Testing is scheduled for the future, 3<sup>rd</sup> Monday, every other month. If changes need to be made, we will make notification. Ham Camp will be available in the spring.

Noon net on weekdays ( 12noon to 12:30 ) is still active, Sunday night (7pm) net had 7 participants.

Club anniversary (75 years) is scheduled for April 2023. It's a big deal and we are looking for venues and costs. We want this to be a special event. All ideas and consideration is welcome,

Raffle was held and the meeting was adjourned.

Board meeting will be February 8<sup>th</sup>, General meeting February 22<sup>nd</sup>.



## From Jagur N7HEX

Heres my 1st attempt at a battery box build. I'm sure I made a mistake in the wiring somewhere but it hasn't lite on fire or shorted out yet. I also opted to not install an on/off switch. I just connect the battery to the main lead when needed.



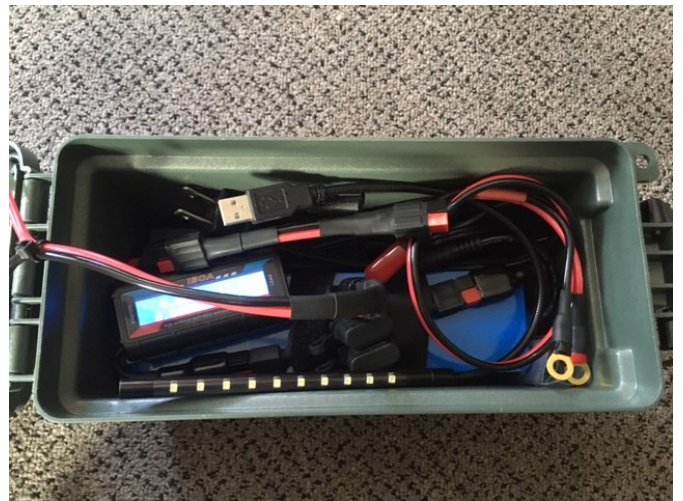
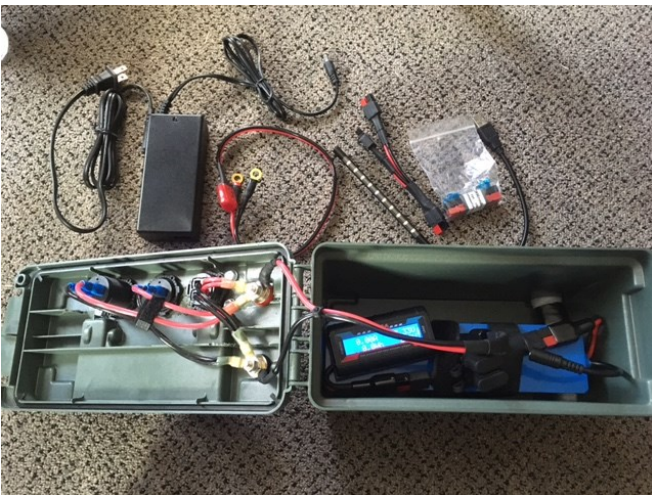


I skipped the usual cigarette lighter socket and just went with usb/ power poles and binding posts on top.



Contents are a 12v/12amh Lithium Iron Phosphate battery and charger. Binding post jumper, usb light, power pole splitter cable, 15amp fuse and watt meter.

Meters are from Powerwerx, Battery from Bioenno, box from Plano.



## From Chris KJ7UYT

I did it! I passed the amateur extra class exam! Joining the ranks of the heavily invested and devoted operators has added a sense of urgency in me to further advance my knowledge and experience of all things radio. I know that just because I have the title of extra class does not make me a better or more skilled operator, but I hope to gain the knowledge to be considered an extraordinary operator one day. There are several other operators in the club that are preparing for the extra class exam currently, and I am looking forward to many of us sharing the same license level. On the same evening that I obtained my license upgrade, my XYL joined the ranks of Technician class, and every single person that tested either passed their Technician level test, or received an upgrade to their license! It was an eventful evening to say the least.

Among those to succeed was a youth member of the club, only 10 years old! I had the honor of presenting him with a radio (Yesu FT-7250) that had been donated to the club with the specific direction to be passed onto the next youth to receive their Technician license. He was incredibly excited to be gifted such an encouraging piece of equipment, and I'm sure we all share the same hope that it serves to encourage him to further his participation in this hobby.

I have also been continuing to experiment with an end fed long wire setup, utilizing different lengths for both the radiating element and the counterpoise. Using the FT8 protocol I am able to see the propagation of my signal. Of course I have been using a VNA to monitor how the length and relative angles of the wires affect the SWR of different frequencies. I am looking forward to visiting family soon, where we have property enough to facilitate more experiments with a long wire.





# ARRL Club News



Editor: [Michael Walters, W8ZY](#)

December 21, 2021

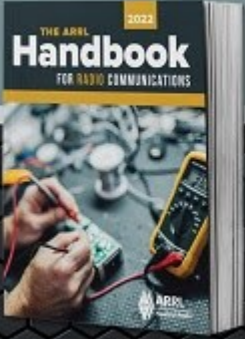
[Welcome](#)

[Stuart Airshow Special Event Station N4A Huge Success](#)

[W1OP Visits W1AW for 100<sup>th</sup> Celebration](#)

[Portage County Amateur Radio Makes Largest-Ever Donation to Local Food Program](#)

[Radio Club Enjoys Rebirth Thanks in Part to POTA](#)



**2022 ARRL HANDBOOK**

*Current, Comprehensive,  
and Complete!*

**ORDER NOW!**

The advertisement for the 2022 ARRL Handbook features a book cover on the left showing hands working on a circuit board. The title '2022 ARRL HANDBOOK' is prominently displayed in the center. Below the title, the phrase 'Current, Comprehensive, and Complete!' is written in a stylized font. At the bottom right, there is a yellow button with the text 'ORDER NOW!' and a white arrow pointing towards it.

**Build your station using  
effective grounding and  
bonding techniques!**

**ORDER NOW**

The advertisement for the book 'Grounding and Bonding for the Radio Amateur' shows the book cover on the left, which features a lightning bolt and a radio tower. The main text on the right reads 'Build your station using effective grounding and bonding techniques!'. At the bottom right, there is a yellow button with the text 'ORDER NOW' and a white arrow pointing towards it.

**Heard It.  
Worked It.  
Logged It.**

The advertisement for ICOM features the ICOM logo on the left, followed by a close-up of a radio's control panel with various knobs and buttons. On the right, there is a photograph of a silver metal mug on a wooden surface. Overlaid on the right side of the image is the text 'Heard It. Worked It. Logged It.' in a bold, sans-serif font.

**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***



# ANNOUNCING THE 40th ANNUAL MIKE AND KEY ELECTRONICS SHOW & SWAP MEET

March 12, 2022

Pavilion Exhibition Hall Washington State Fairgrounds

110 9th Avenue SW, Puyallup, WA

ADMISSION \$10 (under 16 free with adult)

TWO FLOORS WITH 44,000 Sq FEET OF EXHIBITION SPACE

TALKIN 146.82/22 (PL 103.5)

ARRL LICENSE EXAMS

RADIO GEAR \* COMPUTERS \* PARTS \* CLUB TABLES \* SNACK BAR

FREE PARKING \* CONSIGNMENTS \* OVERNIGHT SC/RV Available



Table Reservation Information: (253) 631-3756, n7wa@arrl.net  
VE Exam Information: (425) 788 0452, ag7t@arrl.net

Full Event Info at: <http://www.mikeandkey.org/SwapMeet.php> Fill out both sides of card.

CONTACT NAME: \_\_\_\_\_

CALL: \_\_\_\_\_ BUSINESS NAME (IF ANY): \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

EMAIL: \_\_\_\_\_ PHONE: \_\_\_\_\_

MAKE CHECKS PAYABLE TO: MIKE & KEY ARC

MAIL FORM AND PAYMENT TO MICHAEL DINKELMAN 22222 148TH AVE SE, KENT, WA 98042

RESERVATIONS CONFIRMED BY RETURN MAIL

SECOND FLOOR INFO TABLE REGISTRATION PACKETS WILL BE AT THE WALK-IN GOLD GATE UNLESS OTHERWISE REQUESTED

## REGISTRATION TIPS

REGISTER EARLY AS TABLES ARE ASSIGNED ON A FIRST COME FIRST SERVE BASIS AS DETERMINED BY POSTMARK. SPECIFIC LOCATION REQUESTS ARE HONORED ONLY IF THE SPACE IS AVAILABLE. BE FLEXIBLE AND GET GROUP REQUESTS IN EARLY.

COMMON ORDERS: 1 TABLE & 1 SELLER = \$34  
1 TABLE & 1 SELLER & 1 HELPER = \$45  
1 TABLE & 1 SELLER & 2 HELPERS = \$56  
2 TABLES & 2 SELLER = \$68  
1 BOOTH & 2 SELLERS = \$130

LOCATION REQUESTS, SPECIAL REQUIREMENTS

Due to Washington State mandate all attendees will be required to show proof of COVID-19 vaccination or a negative COVID-19 test from within the past 72 hours for entry into this event.

## **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>

Happy studying!

Heather Noble KD7JAA



[ARRL Seeks Candidates to Serve on its Investment Management Committee](#)  
[Research on Ancient Massive Solar Storms Suggests a Need to Prepare for the Next Ones](#)

[ARRL Podcasts Schedule](#)

[AMSAT Withdraws GOLF-TEE CubeSat from NASA Educational Launch](#)

[ARRL Learning Network Webinars](#)

[Announcements](#)

[Amateur Radio Challenged by Tonga Emergency; Radio Network May be Set Up](#)

[Amateur Radio in the News](#)

[IARU Region 1 Working to Resolve Potential Amateur Interference to Satellite Navigation System](#)

[In Brief...](#)

[The K7RA Solar Update](#)

[Just Ahead in Radiosport](#)

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



## The Doctor Will See You Now!

Welcome to the home of the bi-weekly ARRL The Doctor is In podcast -- a lively discussion of all things technical!

*Looking for the latest episode? Click [here!](#)*

The Doctor is none other than ARRL's Joel Hallas, W1ZR, who has been answering questions about Amateur Radio in QST's "The Doctor is In" column since 2006.

Hosted by QST Editor In Chief Steve Ford, WB8IMY, the ARRL The Doctor is In podcast is a twice-monthly audio podcast that answers YOUR questions about Amateur Radio's technical challenges.

You can subscribe to the podcast in [Apple iTunes](#) or on [Stitcher](#) (sign in or use as a guest). If you are using an RSS client, the feed URL is [https://www.blubrry.com/feeds/arrl\\_the\\_doctor\\_is\\_in.xml](https://www.blubrry.com/feeds/arrl_the_doctor_is_in.xml).

Do you have a question for the Doctor? Click [here](#) to e-mail your question, or use the form below, and we may answer it in a future podcast!



## The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: Our sun was much more active over the past week, with the average daily sunspot number more than doubling from 39.6 in the previous week to 81.3 in the current January 27 - February 2 reporting period.

Geomagnetic indicator average daily Planetary A index rose from 8.3 to 10.1, while average middle latitude A index was unchanged at 6.4.

Predicted solar flux for the near term is 130 on February 3 - 4; 125 on February 5 - 6; 120 on February 7 - 8; 118 on February 9 - 10; 128 on February 11 - 12; 125 on February 13 - 14; 120 on February 15 - 17; 128 on February 18 - 21; 125 on February 22 - 25; 128 on February 26; 132 on February 27 - 28; 135 on March 1 - 3; 125 on March 4 - 7, and 128 on March 8 - 11.

Predicted planetary A index is 10, 6, 12, 14, and 8 on February 3 - 7; 5 on February 8 - 9; 12 and 8 on February 10 - 11; 5 on February 12 - 16; 10, 12, 8, and 5 on February 17 - 20; 10, 8, 5, and 8 on February 21 - 24; 12, 8, 5, and 8 on February 25 - 28; 10, 5, and 5 on March 1 - 3; 20 and 12 on March 4 - 5; 5 on March 6 - 8; 12 and 8 on March 9 - 10, and 5 on March 11 - 15.

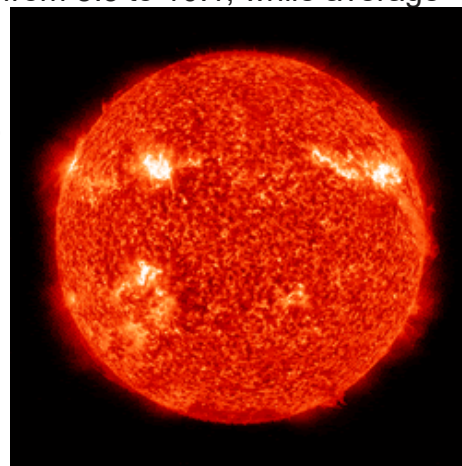
An interesting new [Solar Cycle 25 update](#) is available, thanks to K9LA and K1HTV.

Sunspot numbers for January 27 - February 2 were 85, 77, 74, 70, 100, 88, and 75, with a mean of 81.3. The 10.7-centimeter flux was 107.1, 113.4, 125.3, 129.6, 129.5, 128.6, and 128.2, with a mean of 123.1. Estimated planetary A indices were 7, 8, 17, 10, 10, 7, and 12, with a mean of 10.1. Middle latitude A index was 5, 5, 7, 7, 3, 10, and 8, with a mean of 6.4.

A comprehensive K7RA Solar Update is posted Fridays on the ARRL website. For more information concerning radio propagation, [visit](#) the ARRL Technical Information Service, [read](#) "What the Numbers Mean....," and [check out](#) the Propagation Page of Carl Luetzelshwab, K9LA.

A propagation bulletin [archive](#) is available. For customizable propagation charts, visit the [VOACAP Online for Ham Radio](#) website.

[Share](#) your reports and observations.



## Dates and Events to Remember

**February 8th Board meeting @ Macleay Grange 7PM**

**February 22nd General Meeting @ Denny's 2pm to 4pm**

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 92

Arguien, Jeremy	KK7LAW	G
Barnes, Michael	WA7SKG	E
Barnes, Sharon	N8QBX	T
Barwig, Nicholas	K7DSG	E
Beadles, Jeff	K9BEA	T
Bell, Freddie	N0LU	E
Bischof, Bryant	W7BDB	E
Bischof, Robin		
Botieff, David	N6JTT	G
Bowling Joe	AG7QA	E
Brannigan, John	K6ZIP	T
Brown, Kevin	WA7SHP	E
Brusch, Don	K7UN	E
Bunch, Dan	KJ7ZMP	T
Corbett, Christopher	KJ7UYT	E
Crabill, Jeff	N7DS	E
Daniels, Paul	KB7PPM	G
Doucette, Mark	KI7FZV	T
Doucette, Vicki		
England, Thomas	KE7PPW	T
Engstrom, Carl	KF7BBR	T
Fling, Bobby	W7PCD	G
Fowler, John	KJ7VWB	T
Freeman, Aaron	N6SMF	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	T
Hendricks, John	K7JLT	E
Hennigan, Jay	WB6RDV	E
Hetrick, Nancy	KJ7CXI	T
Holloway, Jack	KF7UDH	G
Houghton, Mike	KK7AWG	G
Hoyt, Tracey	KJ7OZL	G
Hoyt, William	K7WJH	E
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	T
Kalb, Stephen	KE7EXX	E
Larson, Bill	WB7OWB	G
Larson, Wes	KF7BWS	G
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
Nason, Mike	AG7QH	E
Newton, Richard	W3RAN	G
Noble, Heather	KD7JAA	E
Pardey, Arline	KD7HSV	G
Pardey, Jim	WA7ZAJ	E
Pardo, James	KK7DCV	T
Pardo, Mary	KJ6IDA	T
Pardo, Patrick	KK7DCW	G
Pine, Kylie	KI7DSK	T
Pine, Richard	W7OPC	T
Quijano, Oscar	KJ7QJO	T
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
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
---------	-------	-------------------------

## 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 (KE7DLA)
224.600-	100.0	Eagle Crest (KE7DLA)
442.500+	100.0	Eagle Crest (KE7DLA)

## 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)



**President:** Nick Barwig K7DSG  
**Vice President:** Mike Reed KJ7BRF  
**Secretary:** Mary Pardo KJ6IDA  
**Treasurer:** John Jackson W7SDP  
**Board:** (past president)  
**Board:** TJ Sparks K7AVG  
**Board:** Andrew Hemenway KJ7ZYM  
**Board:** Chris Corbett KJ7UYT  
**Board:** William Hoyt K7WJH  
**Board:** Norman Walters KK7ACE  
**Board:** Carl Engstrom KF7BBR  
**1Yr Board:** Mark Doucette KI7FZV

#### Net Control Operators

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

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