

Eastern Arizona Amateur Radio Society

EST. 1974

www.eaars.com

INC.



facebook.com/groups/eaars

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



December, 2025

JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



EAARS Open Repeaters

PL 141.3 unless noted otherwise

Echolink: 614350 **IRLP:** 7787

Heliograph Peak at Safford, AZ:

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

Jacks Peak at Silver City, NM:

145.210 Linked

West Peak at Ft Thomas, AZ:

145.350 Access to link to network

Pinal Peak at Globe, AZ:

145.410 Linked

South Mt at Alpine, AZ:

145.270 Linked

Caballo Mt at TorC, NM:

145.470 Linked

Greens Peak at Show Low, AZ

146.700 Linked

Little Florida at Deming, NM:

147.060 Linked

Mule Mt at Bisbee, AZ:

147.080 Linked

Mt Lemmon at Tucson, AZ

147.160 Linked

Guthrie Peak at Clifton, AZ:

147.280 Linked

Downtown at Tucson, AZ

147.28 Output

146.26 Input, PL 127.3

Gals on the Air!

EST. June 2015

Calling all Gals of any class ... Join us every Monday night for the
Gals Night Net @ 7:30 pm (AZ) on the EAARS system!

Facebook.com/groups/galsnightnet

Upcoming Events

*Would You like to see your event posted for the membership to see?
Email your information to emberfire@cox.net.*

*Everyone at EAARS would like to wish You
and Yours A Very Blessed Christmas!*



Clubs, send me the events you would like shown here.

WEEKLY EAARS' NETS

Every day:

Down Under Net - 4:15 am

Weather Net - 5:30 am

NTS Traffic Net - 6:30 pm

Sunday:

EAARS Net - 7:00 pm

Monday:

Gals Night Net - 7:30 pm

Wednesday:

Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm.

Off Season, every third Wednesday of month at 7:30 pm.

*All times are noted on
Arizona time.*



EAARS Officers and Staff

Board Officers

President	Dan Quaintance	AF7EF
Vice President	Joe Montierth	K7JEM
Secretary/Treasurer	Larry Griggs	N5BG

Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

Net Control Operators

Rick	W8YBM	1st Sunday
Larry	KG7VLN	2nd Sunday
Chris	N7JND	3rd Sunday
Angie	N7EMB	4th Sunday

ARRL RADIO CONTESTS

December 2025

5-7	160 Meter
13-14	10 Meter
21	Rookie Roundup-CW

For details on all ARRL contests and for non-ARRL contests,
visit <http://www.arrl.org/contest-calendar>

New EAARS Members!



Michael	KK7DQE
Rod	KUOW
Vince	AA7JB



WELCOME



Greetings All... As you know, we are in the middle of our dues renewal campaign and it's coming to a close rather fast. First, we would like to thank those who have already renewed your EAARS membership. Your name has already been entered into the drawing for the nice HRO gift certificate which will be drawn during the January EAARS meeting. For those who have not renewed yet, now is the time to do so. The dead line to renew in order to be entered into the drawing, is December 15th.

Where do my dues go, you ask? Dues go directly into the 12 repeater sites in Arizona and New Mexico. There is electricity, mountain top rent fees, repeater maintenance from radio to antenna, including building maintenance and cost of parts. Also, fuel to get to the 12 sites, when needed. There are Administration fees and behind the scene duties. Dues also support the annual picnic. Repeater sites are not cheap. That's why we really appreciate your membership renewals.

There are a few ways to pay your dues...

- Good old cash is accepted at all EAARS monthly meetings in Thatcher. See Larry N5BG at the meeting or any EAARS officer.
- Write a check and mail and made payable to EAARS or spell it out: Eastern Arizona Amateur Radio Society. Make sure to note
 - your CALLSIGN on the check, or a note along with your check. We keep our club data base by call sign.
- You can use PayPal to pay via a Credit Card or Debit Card. You do not have to have a PayPal account to use PayPal. PayPal does charge a \$2 processing fee, so \$26 would be the correct amount. Make sure to enter your name and call in the provided fields. On EAARS.com, select JOIN EAARS, select the PayPal option and then click BUY NOW. You will be prompted to log into your PayPal account OR pay with debit or credit card.
- We now accept ZELLE which is available through most banks now. Check with your bank if you need help in setting up ZELLE. It's very easy to do. For payments by ZELLE, our name is: eaarsdues@aol.com. Type in \$24.00 as the amount and be sure to enter your callsign in the MEMO field.

For check writers that wish to mail their dues, our mailing address is:

EAARS
PO Box 398
Solomon, AZ 85551

Fees:

PayPal: \$26.00 per calendar year
All other methods: \$24.00 per calendar year

Again, Thank You to all of our members. We appreciate your continued support of the EAARS club.

Is Your Ham License Ready to Expire?

Here's a question for you... Do you know when your Ham Radio license will expire? This is one of those questions that most Hams can't answer without looking it up. Maybe it's already expired. Maybe it's about to expire and you don't even know it! Maybe you do know. Many do not. It's like a driver's license. THEY EXPIRE !!! Which brings up another question. Have you checked your driver's license lately? The only licenses most of us remember to renew, are our licenses that have to be renewed every year like a fishing or hunting license. We have no problem remembering those. Maybe Ham Radio licenses need to be renewed every year so we don't forget.

I picked 10 random Hams and asked them when their Ham Radio license expired. 6 of the 10 could not answer the question. Now would be a great time to check yours and while you're at it, check your driver's license. If you have turned 65 years old and haven't renewed your driver's license, you may want to take a look at it. According to Arizona's DMV website, all driver's licenses expire on your 65th birthday. (This is Arizona). ER UH... where was I? Oh Yeah. Ham Radio licenses. How do I check to see if my Ham Radio license is expired or about to expire?

The best way is to look at your license, which should be hanging at your fixed operating location. I think that's an FCC rule. It will show the expiration date.

The second best way, is to pull yourself up on QRZ and look. Licenses that are less than 90 days till expiration, will turn RED on the expiration date. Needless to say... Expired licenses will also have a RED date.

A third way of course, is to log onto the FCC database and look your callsign up and check there.

If you really want to be lazy, ask a Ham friend to check QRZ for you.

One thing I personally do for everyone I look up on QRZ, I always check to see if their Ham license is expired or nearing the expiration date. If so, I tell them. Remember, you are NOT allowed to communicate with anyone with an expired license. Even if they have been licensed for 300 years.

Now, before I go and stick my foot into my mouth, I'm going to go check to see when MINE expires. As well as you should too. Yes, I was one of the six that had no clue when I asked myself, which is what prompted me to write this article.

73,

Chris N7JND

Don't Get Burned By Your Antenna

Touching an antenna while transmitting is never a good idea. Although the hazard with very low power levels, such as that of a 5 watt HT transceiver, is negligible, higher power levels can produce hazardous conditions for touching a radiating element. You should take precautions against the possibility of your antenna being accidentally touched by a person while you are transmitting.

RF Burns can be quite painful. If a transmitting antenna is touched, the radio frequency electrical currents can be conducted by the body, in seeking a low-impedance path to ground voltage. Human cells die at about 107 degrees Fahrenheit or above. When contact is made with a strong RF transmitting element, the tissues near the point of contact rapidly heat well above this level. In severe cases this can cause an RF burn.

The severity of an RF burn depends upon several factors:

- **The strength of the electric field.** This is the power output at the antenna where the contact is made. As noted, low power levels do not usually impose burns as the blood flow through tissues can readily carry away the mild heating imposed by low power RF. Higher power levels with stronger electric fields will, of course, impose more severe heating of tissue. Compare touching a 5 watt light bulb with touching a 60 watt light bulb, or a 100 watt light bulb. Although that is infrared heat, the relative comparison with RF energy is similar.

- **The frequency.** Our bodies are more efficient at absorbing frequencies in the VHF realm than others. So, an RF burn may be imposed at VHF frequencies with lower power levels than at other frequencies. Note that VHF includes the very popular 6-meter and 2-meter bands.

- **How well grounded you are.** The RF currents will seek a path through your tissue to ground potential. If you are very well grounded, such as standing barefoot in a puddle of sea water, you're going to provide a very nice path to ground and the currents will flow readily, burning your tissues at the contact point where currents are most concentrated.

- **How much of your body contacts the radiating element.** If you touch the antenna with your fingertip, a high concentration of RF will flow through the small area of your fingertip, potentially causing a severe burn. If you grab the antenna in the palm of your hand, a much larger surface area is in contact with the radiating element, and the RF current will be dispersed through that larger tissue area. The concentration of current in this case is lower, so tissue heating is less severe, but it may still burn you depending upon the other factors listed above. If the antenna is coursing with a kilowatt, you're definitely going to feel it in the palm of your hand (and beyond).

Radio frequency burns can be deep and very painful, much more so than a conventional infrared heat burn. First aid for RF burns is to apply cold water or ice to burned areas and seek immediate medical attention. Of course, prevention is the preferred course. Make sure it is not possible for humans or pets to accidentally come into contact with your antenna, and if the antenna is within reach such as a mobile mounted element on a car, be sure no one is in contact with it before you push to talk.



***Yuma Hamfest
& Southwestern
Division Convention
Yuma, Arizona
Feb. 27 & 28 2026***



Yuma County Fairgrounds
2520 East 32nd Street, Yuma, Arizona

www.yumahamfest.org

Check the Website for Additional Information

<p>Gates Open for Camping Thursday, 2 pm Vendor Setup Friday, 7 am - Noon</p>	<p>Event Hours Friday, Noon - 5 pm Saturday, 8 am - 5 pm</p>	<p>Hamfest Dinner & Grand Prize Drawing Saturday Night 6:00 - 8:00 pm</p>
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ARCA news provided by: Gary W7MIN

ARCA, the Amateur Radio Council of Arizona, had a meeting of club representatives and club presidents during the Superstition Superfest held in Mesa. EAARS and many other clubs are members of ARCA. This organization promotes and supports amateur radio throughout the state. Their web page is www.arca-az.org.

There was not a lot of new business to present; however, some clubs gave good reports about activities. The Yavapai Radio Club reported on a successful youth group that is active. You can get an idea of what they do by watching the video at www.w7arc.org/welcome-to-the-youth-radio-club/, This is great information for teachers and youth leaders. It is worth your time.

Another group that inspires older youth is the Arizona Near Space Research club (www.absr.org). They help groups launch balloons that take homemade radio projects up into the stratosphere. Some launches take place in Tucson and south of Maricopa.

ARCA awards the annual Ham of the Year and Young Ham of the Year. Local clubs nominate the applicants before the first of May, so be thinking about that. Scholarships for college bound hams are also awarded each year. Contact the EAARS president or another club president for information.

Local Club Stuff



Rise and Shine with The Made It Through The Night Weather Gang

0530 Mountain Standard Time Daily
-Weather and Fine Conversation
-Wednesday Technical Question of the Day
-Friday Flea Market of the Air
-Monday, Tuesday, Thursday, Friday 75M/
40M Net 3.948/7.207



Net Control W7GSP Steve
Alternate(s)
K7RJW Russ WA7VVV Jim W7IJ Mike

Join Us Gals on the Air!

**Calling all Gals, of any class . . .
Every Monday night for the . . .**

**Gals Night Net
7:30 pm, AZ time
EAARS System
eaars.com (find your repeater)**

Facebook.com/groups/galsnightnet

**If you live in the Graham or Greenlee County and are interested
in a VE Testing Session, please feel free to contact
Dan Quaintance AF7EF, (928) 235-1152.**

Local Club Stuff

From Diane AA3OF: RST VE Testing will be held at Immanuel Presbyterian Church, Witherspoon Hall, 9252 E 22nd St, at 7pm.

2025		Jan 12	May 11	Sep 14
	2026	Feb 9	Jun 8	Oct 12
Dec 8		Mar 9	Jul 13	Nov 9
		Apr 13	Aug 10	Dec 14

The RST weekly "New Ham Net" offers a welcoming and supportive environment for both new and seasoned ham operators to get on the air. Whether you're just starting or have years of experience, please join us. Our discussions cover operating procedures, radio etiquette, and various topics of interest to new ham operators.

Meeting Details

When: Every Thursday at 8 PM (AZ time)

Where: N7HND repeater

Output: 147.000 MHz

Input: 147.600 MHz

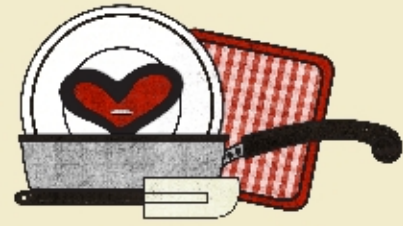
CTCSS Tone: 110.9 Hz on input

The net typically concludes around 8:30 PM, depending on the activity level.

Radio Society of Tucson (RST) is now conducting two monthly events for new operators. 1) Radio Days in the Park meets several times a month at Reid Park, Ramada #19. For the exact schedule please see the k7rst.club website. 2) Newbies Net on Thursdays, 8pm on 147.000 MHz. Listen on 147.000 MHz, transmit on 147.600 MHz with a tone of 110.9 Hz.

Do you have any club news to share? It can be posted on this page. Send your info to Angie - emberfire@cox.net.

Cooking up
Some Magic



Leftover Turkey Casserole

*Yield: 8 servings
Prep Time: 10 min
Cook Time: 30 min
Total Time: 40 min*



*Courtesy of
dinnerthendessert.com*

Ingredients

4 tablespoons butter , unsalted
1/4 cup flour
1/2 teaspoon kosher salt
1/2 teaspoon coarse ground black pepper
1 cup turkey gravy
1 cup whole milk
1 cup mozzarella , shredded
3 cups cornbread , cut into 1 inch chunks
3 cups chopped turkey meat , cooked
1/2 cup frozen peas
1 cup chopped carrots
1 cup chopped frozen green beans

Instructions

1. Preheat the oven to 350 degrees and add the butter to a medium sized saucepan melting it on medium heat.
2. Add the flour to the pan and whisk well together for 1 minute before adding in the gravy, milk and mozzarella, whisking until smooth.
3. Add the cornbread, turkey, peas, carrots and green beans to a 9×13 pan and cover with the gravy before cooking for 20-25 minutes covered, followed by 10 minutes uncovered.

kiss the
COOK

A horizontal row of ten small, colorful dots in the following order: yellow, light blue, pink, orange, brown, yellow, light blue, pink, yellow, and brown.