

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.



[facebook.com/groups/eaars](https://facebook.com/groups/eaars)

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



*December, 2021*

## 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](mailto:emberfire@cox.net).*

### 2021

Dec 4 ..... Tucson Marathon

Dec 11 ..... Colossal Vail 50/50 - Greg W9GRG

### WEEKLY EAARS' NETS

**Every day:**

Down Under Net - 4:15 am

Weather Net - 5:30 am

**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

**Saturday:**

ERC (Emergency Response Communications) Net -7:45 am (8:45am DST)

2nd Saturday of the month (20-25 min duration)

All times are noted on Arizona  
time, as we do not change.

# EAARS Officers and Staff

## Board Officers

|                     |                |       |
|---------------------|----------------|-------|
| President           | Dave Wells     | N7AM  |
| Vice President      | Dan Quaintance | AF7EF |
| 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 |
| Angie | N7EMB  | 3rd Sunday |
| Chris | N7JND  | 4th Sunday |

## ARRL RADIO CONTESTS

### December 2021

|       |                      |
|-------|----------------------|
| 3-5   | 160 Meter            |
| 11-12 | 10 Meter             |
| 19    | Rookie Roundup-CW    |
| 18-19 | EME - 50 to 1296 MHz |

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

## New EAARS Members!

|        |        |
|--------|--------|
| Troy   | KD7JXA |
| Steven | W6WBO  |
| Jim    | N7XDO  |
| Wayne  | K7WDA  |
| Jaron  | KK7BXC |
| Joe    | KJ7SPV |
| Gary   | WD8AJJ |
| Sandy  | KK7ASK |



# EAARS MEMBERSHIP IS DUE!

Greetings EAARS Members;

Our membership campaign is winding down, just about two weeks left until the deadline of December 15th. Dues need to be submitted by the 15th to be entered into the drawing for a Ham Radio Outlet gift certificate.

Drawing will be held at our January meeting. You do NOT have to be present to win.

Many of you have already renewed and we appreciate your promptness.

We do note that there are many members that have not as yet renewed membership for 2022.

**For Paypal option**, go to the link below. Please be sure to note your name and callsign in lower left side blocks. \$26.00 will be charged.

**[www.eaars.com/pay.htm](http://www.eaars.com/pay.htm)**

**For US Mail option**, mail a check for \$24.00 to:

EAARS  
PO Box 398  
Solomon, AZ 85551

Please note that you will need to mail the check ASAP with the mail being as slow as it has been. Please note your call sign on your check!

Many thanks to everyone for your support.

Larry N5BG  
EAARS Sec'y Treasurer

***Come on people! We are  
Hams! Let's be  
responsible and pay our  
dues! I know how hard it  
is to manage non-  
payments! Please get  
your dues paid as soon  
as possible!***

***THANK YOU!  
From Angie N7EMB***

***EAARS would like to  
wish you and yours a  
very Blessed Christmas!***



## 2021 EAARS SANTA ON THE AIR

We start preparing for Christmas as soon as the current Christmas ends. It is an on-going cycle. Well, we definitely will have a better Christmas in 2021. We are dealing with life a little better and I feel like we are getting back down to what Christmas should be about; family, love, kindness, sharing and compassion.

It is also about Christmas Spirit! That is what motivates us. That is what gets us thru the sad memories. That is what gets us thru the chaotic moments. Christmas Spirit! That is what gets Santa's reindeers around the world in one night! Christmas Spirit!

Santa and I feel the Christmas Spirit, especially from the little ones. That is why we host the Santa in the Air nets. For the kiddos. Santa and I have been hosting Santa on the Air nets for a few years, now. We took away the visual factor of it and asked Santa to get on the air. Everyone knows Santa's voice! And what better way to get the kiddos on the air? Ohhh!!! In case you were not aware, SANTA IS A HAM! He is our own Santa, Winter Bells 7 Antler Magic! Thank you for being our Santa! We may even get to hear Mrs Claus!

We had a very successful 2020! We had 10 families sign up to talk to Santa! I had the two boys I care for over, so they could talk to Santa. Seeing those eyes light up when Santa mentions them or knew something about them! It is so heart-warming for me! I need kiddos around me during this time!

A great big Thank you to the parents who take time out of their busy schedules to get their kiddos on the air! I hope that your kiddos enjoy the net as much as Santa and I do!

Yes, we are hosting the EAARS 2021 Santa on the Air net again this year! The dates are noted below.

**Saturday, December 11 - 11:00 am**  
**Sunday, December 19 - 3:00 pm**

**You DO NEED to sign up for one of the nets. If you have kids and you would like for them to talk to Santa on the radio, please email me the following info:**

- 1.Date/Time you want to talk to Santa.**
- 2.Parent(s) Name and Call Sign**
- 3.Your child's name (third party traffic).**
- 4.Your child's age.**
- 5.Information you want Santa to know, good or not. He does have two lists.**  
(Such as, teacher, school, friends, homework, issue with a sibling ☺ ...)

I will share this info privately with Santa so he can bring it up in his conversation with your kiddo.



Looking forward to hearing you and your babies on the net!  
Santa and I would like to also wish you and yours a very Merry Christmas!

Angie N7EMB

## Ham Radio Operators Provide Communications For El Tour de Tucson

Once again, Ham Radio Operators shined on the 20th of November by providing the communication needs for the El Tour de Tucson bike race. This is not an easy task for anyone to put together, but with the help of Hams like Mike – W7IJ, Cary – WB2BSJ, Jim – K7ADW, they put a team of Ham Radio Operators together between the Pima County Office of Emergency Management Radio Room, the Emergency Operations Center and various Aid Stations through out the course. The main purpose of the radio operators in the field, is to relay information back to the radio room such as Emergencies, SAG Requests, Report of Riders Dropping Out and to assist the needs of the Aid Stations.

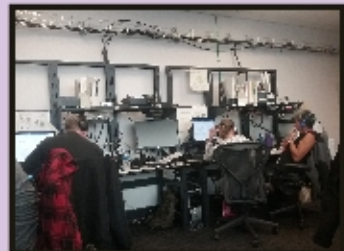
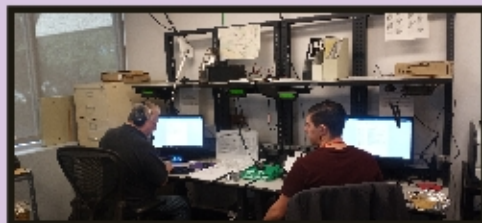
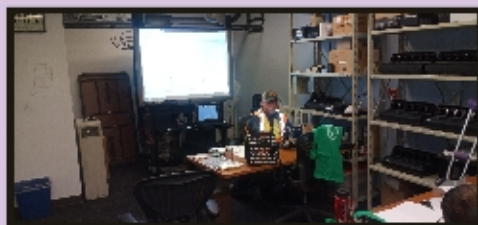
Hams have been providing community event communications for years and there's no quicker way to get a message from one location to another, than radio. Try doing a community event with just cell phones. Will not work!!! (Wait, let me look up the cell phone contact. Let me dial the number, let it ring, DANG it's busy cause someone else is relaying information. YUP, Cell Phones DO NOT WORK!!! Radio Does!!!)

Some of the Ham Operators at Net Control for this years bike race included... Mike – W7IJ, Angie – N7EMB, Chris – N7JND, Annika, KE7JOY, Andreas – W1IXQ, Bob – KA7VPR and Chris – KG7EXA. These are just some of the Ham Radio Operators that commit to this event every year. Thank You All.

If you would like to get involved with Community Events and helping out, please contact your local Ham Radio Clubs. Also, N7EMB, your Newsletter Editor, does many of these every year. It's a rewarding experience not to mention a lot of fun and you are helping the community out a great deal.

Have FUN with your hobby.

73,  
Chris N7JND



# **COmmission REgistration System for the FCC**

*Courtesy of fcc.gov*

A new COmmission REgistration System (CORES) is now available, with enhanced security and functionality to make it easier to manage applications. The updated version of CORES allows you to register with a username (e-mail) and password to:

Create FCC Registration Numbers (FRNs)

Modify FRNs

Associate FRNs to different user accounts

View FRN financial data, and make payments

The FCC plans to retire the legacy CORES and encourages you to transition to the updated CORES to take advantage of its enhanced features.

Due to the ongoing health crisis, the FCC will temporarily discontinue its practice of mailing letters to CORES account holders to memorialize the following actions:

Registration Confirmation

Password Notification

Password Reset

Password Security Question Reset

Registration Update

We apologize for the inconvenience. We will resume this service when the FCC returns to full work capacity.

For additional support, please visit the FCC Registration Help Pages. You can also call the FCC Licensing Hotline, (877) 480-3201 Option 4, or visit the e-support page.

## ***Updated CORES System***

*\*Register and update Username Account*

*\*Create, update and associate FRN(s)*

*\*Search for public FRN information*

## ***Legacy CORES System***

*\*REGISTER - Create and receive your FRN*

*\*UPDATE - Update your registration details*

*\*SEARCH - Search for public FRN details*



## Rise and Shine!!!

with the

**Made it through the Night Gang Weather Net**

0530 Mountain Standard Time Daily on the EAARS  
System

Weather and  
Conversation

Get a handle on the local weather from your fellow HAM operators  
around the EAARS coverage area and get to know them  
better.

W7GSP - Steve Net  
Control

K1VM - Keith Weather  
Recorder



RST and Joe, K3TYE, will be conducting a Technician to General class starting on Thursday, January 6th, 2022. The evening classes will be held at Immanuel Presbyterian Church, 9252 East 22nd Street, starting at 6:30 PM sharp and lasting until 8:30 PM. The study guide we will be using is the "ARRL General Class License Manual, 9th Edition". This is a college level course. You will be assigned 2 or 3 chapters to read and understand each week and one or two subject categories from the General question pool 2019.

This is not just a "question and answer" class where we go over the questions in the FCC question pool. On Thursday evenings we will be covering the technical portions of the General Class exam in the classroom with "hands-on" and other type demonstrations including the use of test equipment. On another evening during the week we will be covering the administration and legal type questions "over-the-air". We will use one of the local repeaters (or perhaps two-meter simplex) to conduct an additional live, on-the-air class.

There is a prerequisite for attending this class. The participant must have a Technician Class license, a 2-meter transceiver, and have the capability to access local repeaters such as the 147.000 repeater located at 5151 East Broadway. [147.000 / 147.600 110.9 PL]

Even though Immanuel Presbyterian Church and Boy Scout Troop 157 are furnishing the classroom space, there is a \$30 charge to cover the church costs. I have the church reserved for Thursday nights from January 6th through February 25th. The \$30 fee goes to the church. (Disclaimer: I am not a member of Immanuel Presbyterian.)

We are limited to 16 students. Interested . . . please register by emailing [president@rstclub.org](mailto:president@rstclub.org) .

73 . . . Joe K3TYE



# Other Club Stuff

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

| 2021   | 2022   |        |        |
|--------|--------|--------|--------|
| Dec 13 | Jan 10 | May 9  | Sep 12 |
|        | Feb 14 | Jun 13 | Oct 10 |
|        | Mar 14 | Jul 11 | Nov 14 |
|        | Apr 11 | Aug 8  | Dec 12 |

**The Tortolita Radio Club thanks the Eastern Arizona Amateur Radio Society for announcing the new Tortolita Radio Club in their newsletter these past months. Please see the ToRC Web site for future Tortolita Radio Club information at <https://tortolita-rc.com/>.**

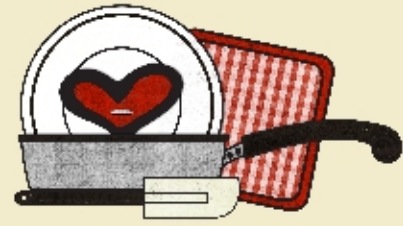
**Thank you,**

**Paul K7AZT  
President Tortolita Radio Club**

**If you live in the Graham or Greenlee County and are interested in a VE Testing session, please feel free to contact the EAARS President, Dave Wells @ 928-965-8327.**

**Do you have any club news to share? It can be posted on this page. Send your info to Angie - [emberfire@cox.net](mailto:emberfire@cox.net).**

Cooking up  
Some Magic



## One Pot Lasagna Soup

Courtesy of macrostax.com

*This lasagna soup has allll the lasagna flavor packed into an easy-to-make soup. Made in just one pot, your family will love this twist on a comfort food-classic!*

### Ingredients:

2 teaspoons olive oil  
1 lb (453g) 93% lean ground turkey  
¼ teaspoon salt  
⅛ teaspoon pepper, plus more to taste  
1 teaspoon Italian seasoning  
2 cloves (6g) garlic (minced)  
2 tablespoons (56g) chopped fresh basil  
(plus extra for garnish)  
3 cups (720g) fat free chicken broth  
2 ½ (592g) cups water  
2 cups (452g) Cucina Antica garlic marinara sauce  
8 ounces (224g) uncooked Barilla lasagna noodles  
3 cups (90g) baby spinach  
¼ cup (28g) shredded part-skim mozzarella cheese  
½ cup (124g) part-skim ricotta cheese  
3 tablespoons (21g) grated Parmesan cheese



Servings: 6  
Serving Size: 1 ½ cup (295g) soup with  
2 ½ tablespoons (28g) ricotta cheese topping  
Prep Time: 10 minutes  
Total Time: 55 minutes  
Nutrition Facts: 353 calories / 34g carbs /  
28g protein / 12g fat

To store leftovers, strain the noodles out of the soup and store them in a separate airtight container. This will keep them from soaking up the remaining broth. Leftovers can be stored for up to 5 days in the fridge.

### Instructions:

Place a large soup pot over medium heat and add olive oil. Once the oil is hot, add the ground turkey, salt, and pepper. Stir to break up the turkey and cook until browned, about 4 minutes.

Add the minced garlic and cook for another minute.

Add the chopped fresh basil, chicken broth, water, and marinara sauce to the pot and stir to combine. Increase the heat to medium-high and bring to a boil. Once boiling, reduce heat to a low simmer and cover. Simmer for 25 minutes.

Uncover and increase the heat to a low boil over medium-high heat. Break the lasagna noodles into bite-sized pieces and add to the boiling water.

Boil for 14 minutes, or until the noodles are al dente. Add the baby spinach during the final two minutes of cooking and stir. Taste and add salt, pepper, or additional basil to taste.

In a small mixing bowl, combine the mozzarella cheese, ricotta cheese, and parmesan. Divide the cheese mixture on top of each bowl and add extra black pepper to taste.  
Enjoy!

kiss the  
cook