

Eastern Arizona Amateur Radio Society

EST. 1974

www.eaars.com

INC.



facebook.com/groups/eaars

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



September, 2024

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.*

Sept 7 ----	Rim Country Hamfest -----	Payson	2024
Sept 14 ---	ARCA Fall Meeting -----	Phoenix	
Sept 14 ---	White Mountain Hamfest ----	Show Low	
Oct 5 -----	RST Fall Hamfest -----	Tucson	
Oct 5 -----	TARA Swapfest -----	Payson	
Oct 20 ----	Making Strides -----	UA Tech Park, Tucson	
Oct 26 ---	Alzheimer Event -----	Reid Park, Tucson	
Nov 2 -----	HARKfest -----	Wickenburg	
Nov 9 ----	Tucson Hamfest -----	Tucson	
Dec 7 ----	Superstition Superfest -----	Mesa	

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

**All times are noted on
Arizona time.**

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.

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

September 2024

14-16 September VHF

21-22 EME - 2.3 GHz & Up

21-22 10 GHz & Up - Round 2

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

New EAARS Members!



Mark WA7CCA
Greg KK7OTE
Dakota KK7NTP
John KK7IDJ
Vince KN6TZA

Gary WE7Z
Rick KC1OWX
Dr Dan WN8T
Jose N7ECW
John KF7OTE



EAARS Celebrates Fifty Years!

A very brief history

By Joe, K7JEM

A long, long time ago, before Star Wars and cell phones, EAARS came into existence. The year was 1974, and a group of like-minded hams came together to form a club that was interested in building and installing repeaters. This was back in the day when repeaters, and VHF FM was fairly "new" and just beginning to expand nationally. The new organization acquired an older tube type repeater and got it installed on Guthrie Peak. This served the local Graham and Greenlee county, along with parts of Western New Mexico, where most of the members lived. Within two years, a second repeater was functioning on Heliograph Peak, and increased coverage to Cochise and Pima counties, as well as other further reaches, as far as western Phoenix and El Paso TX.

Around 1976, the Heliograph two meter repeater was temporarily moved to High Peak, on Mount Graham, which increased the coverage to the north. That move was short lived, and the repeater found itself back on Heliograph in 1977. The Heliograph repeater was on 146.91, and the Guthrie repeater was on 146.94 back then. By 1982, the Heliograph machine was changed to 146.90 to comply with the new 20KHz channel spacing that was adopted in Arizona at that time. Also in 1982, the Guthrie repeater became a part of the "Zia Connection", a wide area linked repeater system that existed between 1982 and 1997 or so.

The years between 1982 and 1992 were filled with improvements to the repeaters, and the sites where they were located. EAARS acquired a site of their own on Heliograph during this time, and improved the tower and building at that location. In 1997, a new building and tower were built, with room for many additional users, and added diesel generators to provide power, since that site is totally off grid. An FM station was added to the building, along with several commercial users, which helped with the construction of the facilities. At this point, the ongoing generator maintenance became a full time issue for the club, and it was decided to sell the facility to a business entity who could run it more effectively. This sale created an influx of cash to the club that allowed them to expand to other sites and a larger area.

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EAARS PICNIC
Saturday, Sept. 14, 2:00 pm
Discovery Park
Safford, AZ

All RSVPs need to be submitted to Larry N5BG, lgriggs@aznet, no later than Sat., Sept. 7. Please include your call sign, name and the number in your party attending.

EAARS Celebrates Fifty Years!

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By 2002, the EAARS network had expanded to new sites, including Guthrie, Mt Lemmon, Pinal, and Jack's Peak. A little later, Green's Peak was added to the network, then additional sites like Alpine, Caballo, and Deming. The IRLP and Echolink connection was added during this time also. Mule Mountain was added after that, around 2010 or so. West Peak was added around 2014, and it is the only repeater on the system to be powered 100% by solar energy. Downtown Tucson was the last repeater to be added to the network, it has been in service for a few years now.

EAARS has been involved with field day activities throughout the years, starting in the 1990's and continuing to the present. EAARS also participated in the 7QP contest for a couple of years back around 2008, and as far as I know, they still have the highest score ever recorded in that contest.

So, it has been an eventful 50 years so far, and hope to see many more!



Objective:

AZ stations: work everyone
Non-AZ stations: work only AZ stations

Date: October 12, 2024

1500z Oct 12 to 0500z Oct 13, 2024 (UTC)

Entry Categories:

Mobile
Expedition Multi-Op (County-line or Single-county)
Expedition Single-Op (County-line or Single-county)
Multi-Op Unlimited Transmitters
Multi-Op One Transmitter (High, Low)
Single-Op (High, Low, QRP)

Modes: CW, Phone

Bands: 160, 80, 40, 20, 15, 10 meters

Exchange: RS(T) & County or State / Province / DXCC

Get on the Air – Make Some Noise – Be Hunted

HAVE HAM RADIO FUN!

Rules, Awards & More: www.AZQP.org



Amateur Radio Council of Arizona



ARRL – Arizona Section

Hamfest For The Remainder Of 2024 Courtesy of ARCA

September 7: Rim Country Hamfest (Payson)

Sponsored By Rim Country Amateur Radio Club

For More Information Visit: <http://W7RIM.com>

September 14: ARCA Fall Meeting *

Phoenix Red Cross Building, 4747 N. 22nd Street

For More Information Visit: www.arca-az.org

September 14: White Mountain Hamfest

741 E. Whipple Street, Show Low

For More Information Contact: WMWA@dmbam.com

October 5: TARA Swapfest (Payson)

Sponsored by: Tonto Amateur Radio Association

For More Information Visit: <http://n7tar.org>

October 5: RST Fall Hamfest (Tucson)

Sponsored by Radio Society of Tucson

For More Information Visit: www.rstclub.org

November 2: HARKfest (Wickenburg)

Sponsored by: Hassayampa Radio Klub

For More Information Visit: <https://harkaz.org>

November 9: Tucson Hamfest

Sponsored by: Oro Valley Amateur Radio Club

For More Information Visit: www.tucsonhamradio.org

December 7: Superstition Superfest (Mesa) *

Sponsored By: Superstition Amateur Radio Club

For More Information Visit: <https://superfest.superstitionarc.org/>



RST Radio Society of Tucson

September 2024 Radio Days in the Park



Wednesday Sept 11th
Wednesday Sept 25th
10 AM to 2 PM



Reid Park Ramada 19

Country Club Rd to Concert Place,
then sharp left to north-most parking lot.

The September programs will be on learning about amateur radio. I know there will be some folks playing with antennas, HF radio, VHF radio, and showing off their latest projects.

(RST HAS A LOT OF SHOWOFFS)

Meet a great bunch of very friendly operators who are there to answer questions and help get you "on-the-air".

White Mountain Hamfest



September 14, 2024
7:00 to 12:00

Show Low Masonic
White River Lodge #62
741 E. Whipple Street
Show Low, AZ 85901

\$10.00 per 10 X 10 space
Setup starts 6:00
Open to Public 7:00

Campers & RV Welcome
Dry Camping Available
Restrooms Inside Lodge
Donation Gladly Accepted

WMWA@dmbam.com

VE Testing
To pre-reserve
Contact Vince at
VETESTING@gmail.com

Food & Drink available from
7:00 - 12:00 by the Ladies of
Masonic Eastern Star

Talk in 146.76
P/L 110.9
offset -.6 mhz



RST Radio Society of Tucson

TUCSON AUTUMN HAM (fest)

Saturday October 5th 2024

7 AM - 11 AM



**Buyers - Free Admission & Parking
Sellers - Shaded Parking
Seller Setup Starting at 6 AM**



**Calvary Tucson Church
8711 East Speedway in Tucson
Morning Snacks by Scout Troop 157**

Seller/vendor spaces - \$10/parking space.

RAFFLE

Tickets: \$2 each, 3 for \$5, 7 for \$10, 15 for \$20, and 40 for \$40

Need not be present to win.

Online Raffle Ticket Sales: www.k7rst.club

Raffle Prizes

- Yaesu FT-991A HF/VHF/UHF Transceiver
 - Icom IC-7300 HF and 6M Transceiver
 - Yaesu FT-891 HF and 6M Transceiver
 - Yaesu FTM-500DR 2M/70cm Dual Band C4FM Transceiver
 - Yaesu FTM-300DR 2M/70cm Dual Band C4FM Transceiver
 - Comet CAA500MKII Antenna Analyzer
 - Daiwa CN901HP HF SWR Wattmeter
 - Daiwa CN901VN VHF/UHF SWR Wattmeter
- Map and info at www.k7rst.club*



RST Radio Society of Tucson



ANNOUNCING THE AZ QSO PARTY

Saturday October 12

Reid Park Pavilion #19, 8 AM to 6 PM

This is your opportunity to be introduced to contest operations in a "casual" contest. Other operators in the USA and DX countries seek out contacts in AZ and collect AZ counties.

Learn contesting and learn logging. Join in the fun and bring a friend.

Hot dogs, burgers, cold drinks, chips from 12:30 'till 2:00 PM. **No adult beverages please.** RSVP by email (kenwboyd@gmail.com)

More information at
<https://www.azqp.org/>
and
<https://www.k7rst.club/>

Other Club Stuff

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

2024

September 9

October 14

November 11

December 9

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.



Rise and Shine!!!

**with
the**

Made it through the Night Gang Weather Net

**0530 Mountain Standard Time Daily
on the EAARS Repeater 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.

We do a technical question of the week on Wednesday and the "Flea Market of the Air on Fridays

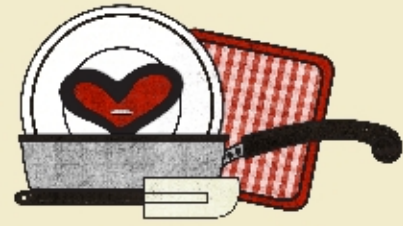
**W7GSP – Steve
Net Control**

**K1VM/N7CDW
Keith/Carrie**

Radio Society of Tucson (RST) is now conducting two monthly events for new operators. 1) Radio Days in the Park will meet the 2nd and 4th Wednesday, Reid Park, Ramada #22. 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



Beefy French Onion Potpie

*Prep/Total Time: 30 min.
Makes: 4 servings*



Courtesy of Taste of Home

Ingredients

- 1 pound ground beef
- 1 small onion, chopped
- 1 can (10-1/2 ounces) condensed French onion soup, undiluted
- 1-1/2 cups shredded part-skim mozzarella cheese
- 1 tube (12 ounces) refrigerated buttermilk biscuits

Directions

1. Preheat oven to 350°. In a large skillet, cook the beef and onion over medium heat 6-8 minutes or until beef is no longer pink, breaking the meat into crumbles; drain. Stir in soup; bring to a boil.
2. Transfer mixture to an ungreased 9-in. deep-dish pie plate; sprinkle with mozzarella cheese. Bake for 5 minutes or until cheese is melted. Top with biscuits. Bake 15-20 minutes longer or until the biscuits are golden brown.

kiss the
COOK

A row of colorful dots in yellow, blue, pink, and orange.