

Eastern Arizona Amateur Radio Society

EST. 1974

www.eaars.com

INC.



facebook.com/groups/eaars

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



April, 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.*

2024

April 6 ----- Tucson Spring Hamfest

May 4 -----CARA Hamfest

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

April 2024

21 *Rookie Roundup – Phone*

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

New EAARS Members!



Richard N7RSF
Niphon KB2JKW



THANK YOU FOR YOUR PATIENCE

We all know that the 147.160 Mt Lemmon repeater has been unlinked for quite some time. We would like to thank you all for your patience while we wait for the snow to melt to the point where we can safely get to Mt Bigelow.

About a month ago or more, we had an outage on Mt Bigelow and when the outage was restored, the link did not come back online. If you are not familiar with the infrastructure of the EAARS system on Mt Lemmon, the link takes a hop from Mt Lemmon to Mt Bigelow and then over to Heliograph Peak near Safford. When Mt Bigelow failed, it placed the 147.160 repeater into "Stand Alone" mode. Since the courtesy beep is generated from the "HUB" on Heliograph, it is not heard on the 147.160 repeater due to a break in the link. Once you start hearing the courtesy beep, you will then know the link is back up and has been restored.

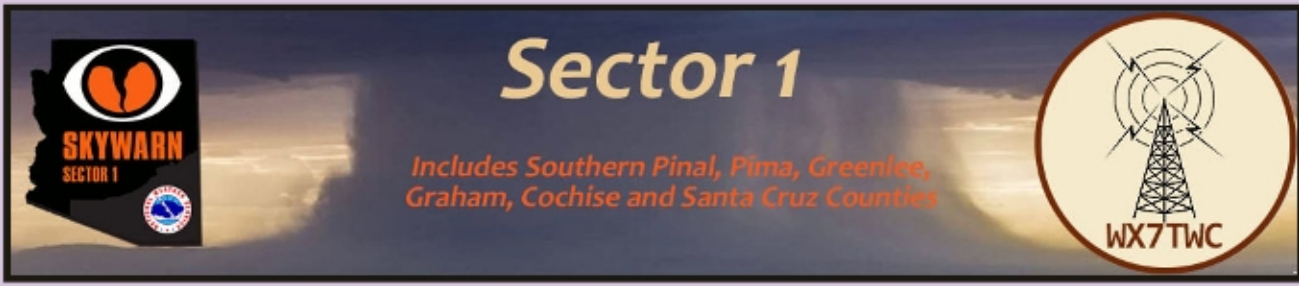
Why hasn't it been fixed yet? Mainly because we can't get there without a Snow Cat and even with a snow cat, the road is so hard to navigate because it would be hard to determine where the road is at points where it drops off on the side.

We have the manpower ready to go just as soon as they can get there. With the weather slowly starting to warm up, we are hopeful that the road will soon be passable. Until then, we thank you for your patience.

We would like to extend a big thank you to our Net Control Operators who run the EAARS Sunday Night Net, The Made It Through The Night Weather Net and the NTS traffic net for running dual operators. One on the Mt Lemmon repeater and one on the other side. Together, we make it work.

The photo was taken on March 24th at the Radio Ridge turnoff. About 5 miles from Mt Biglow.





What is Skywarn

SKYWARN is the National Weather Service (NWS) program of trained severe weather spotters. SKYWARN volunteers support their local community and government by providing the NWS with timely and accurate severe weather and flood reports. These reports, when integrated with modern NWS technology, are used to inform communities of the proper actions to take as weather threatens. The key focus of the SKYWARN program is to save lives and property through the use of observations and reports of trained volunteers. For more information visit the National Weather Service official SKYWARN page.

Amateur Radio and SKYWARN

Amateur radio operators comprise a large percentage of the SKYWARN volunteers across the country. During times of severe weather a SKYWARN net may be activated, providing a real-time way to pass information between spotters and the NWS warning desk without tying up their phone lines. The Amateur radio operators also provide vital communication between the NWS and emergency management if normal communications become inoperative.

SKYWARN General Information are the third Wednesday of the Month
Weekly, during monsoon season (June 15 - September 30)
1930 MST, 0230 Zulu
EAARS Repeater system

SKYWARN classes are usually held in the spring time. If you are interested in becoming a Amateur Radio Weather Spotter, keep an eye on www.skywarnaz.org. If you miss this training, you will have to wait until next year.

2024 ARRL Field Day Theme: Be Radio Active

ARRL - 03/15/2024

The theme for 2024 ARRL Field Day is "Be Radio Active." The event will run on June 22 - 23, and it will be one-part contest, one-part emergency communications exercise, and one-part open house -- and a great time. The theme encourages radio amateurs to take advantage of the peak of Solar Cycle 25, which we are nearing. Activity this year is likely to be extremely high thanks to favorable solar conditions. The upper HF bands, such as 15 and 10 meters, should benefit most from the Cycle's peak.



There are resources available already for clubs and individuals to make their Field Day plans. ARRL will publish more information and tools so that hams can make the most of the event as it draws near. Amateurs interested in learning more are invited to join the Field Day Facebook group to connect with others who are planning for the big weekend.

Find links to all of the resources on the ARRL Field Day web page at www.arrl.org/field-day.

International Marconi Day 2024

ARRL - 03/22/2024

This year, International Marconi Day (IMD) is on April 27. Italian inventor and electrical engineer Guglielmo Giovanni Maria Marconi was born on April 25, 1874, and is credited for inventing the radiotelegraph system, creating Marconi's law, and sending the first wireless transmission over the open sea.

IMD was created to honor Marconi and is hosted annually by the Cornish Radio Amateur Club, GX4CRC. The purpose of the day is for amateur radio enthusiasts around the world to contact historic Marconi sites using communication techniques similar to those that he would have used.

The 24-hour event will operate from 0000 UTC to 2359 UTC, and registration is required. Participants can register at GX4CRC's registration web page.

Stations in the United States, including Marconi Cape Cod Radio Club, KM1CC, in Massachusetts, are already registering for the event. KM1CC hosts several on-air events each year to keep the accomplishments and story of Marconi and his wireless station site in South Wellfleet alive. In 1975, the Wellfleet station was listed as a National Historic Landmark on the National Register of Historic Places and is now part of Cape Cod National Seashore, a unit of the National Park Service. When possible, KM1CC sets up a temporary radio station inside the park. More information about KM1CC is available on their Facebook page.



**EASTERN ARIZONA AMATEUR RADIO SOCIETY
LINKED REPEATER FREQUENCY LIST**

LOCATION	FREQUENCY	NEARBY CITIES	STATE
CABALLO PEAK	145.47	TRUTH OR CONSEQUENCES	NM
GREENS PEAK	146.7	SHOWLOW / SPRINGERVILLE	AZ
GUTHRIE PEAK	147.28	CLIFTON / MORENCI	AZ
HELIOGRAPH PEAK	146.86	SAFFORD / THATCHER	AZ
JACKS PEAK	145.21	LORDSBURG / SILVER CITY	NM
LITTLE FLORIDA MTN	147.06	DEMING	NM
MT LEMMON	147.16	TUCSON / VAIL / GREEN VALLEY	AZ
MULE MTN	147.08	BISBEE / SIERRA VISTA	AZ
PINAL PEAK	145.41	GLOBE / MESA / APACHE JUNCTION	AZ
SOUTH MOUNTAIN	145.27	ALPINE / LUNA LAKE	AZ
TUCSON WEST	147.28	TUCSON METRO & ORO VALLEY	AZ
WEST PEAK	145.35	HWY 70 BETWEEN PIMA & GLOBE	AZ

NOTE 1: ALL REPEATERS CARRY A PL TONE OF 141.3 EXCEPT TUCSON WEST

**NOTE 2: TUCSON WEST USES AN ODD SPLIT WITH A PL TONE OF 127.3
INPUT: 146.26 MHZ / OUTPUT 147.28 MHZ (Off Set -1.02 MHZ)**

OFFICERS & STAFF	NAME	CALL
PRESIDENT	DAN QUAINANCE	AF7EF
VICE PRESIDENT	JOE MONTIERTH	K7JEM
SECRETARY / TREASURER	LARRY GRIGGS	N5BG
NEWSLETTER EDITOR	ANGIE BUCHANAN	N7EMB
EAARS SITE TRUSTEE	JOE MONTIERTH	K7JEM
NET MANAGER	CHRIS BUCHANAN	N7JND
NET CONTROL WEEK 1	RICK GURK	W8YBM
NET CONTROL WEEK 2	LARRY WITTE	KG7VLN
NET CONTROL WEEK 3	CHRIS BUCHANAN	N7JND
NET CONTROL WEEK 4	ANGIE BUCHANAN	N7EMB

EAARS NET EVERY SUNDAY EVENING AT 7PM

WEBSITE: EAARS.COM

FACEBOOK: FACEBOOK.COM/GROUPS/EAARS



RST Radio Society of Tucson

TUCSON SPRING HAM (fest)

Saturday April 6th 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
 - Yaesu FT-710 AESS 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
 - LDG AT200PROII Auto Antenna Tuner
 - Daiwa CN901HP HF SWR Wattmeter
 - Daiwa CN901VN VHF/UHF SWR Wattmeter
- Map and info at www.k7rst.club

The Cochise Amateur Radio Association



2756 S. Moson Rd, Sierra Vista, AZ 85650

Presents The



Cochise Hamfest and 7th Area
Phone/CW/Digital Communications Exercise
Saturday, May 4th, 2024

Free Parking and Admission: Hamfest Gate Opens @ 0700
Amateur Radio License Testing: 0900-1100
Prize Drawing @ 1100 AM, Talk In: 146.76(-) PL 162.2
Tailgating - \$5, Outdoor Covered* - \$10

*Covered Space is Limited, Reservations Suggested



- First Prize: RigExpert AA-230 Ant Analyzer
- Second Prize: IC-2730A Dual Band Mobile
- Third Prize: Yaesu FT-60R HT

Local Sierra Vista Accommodations & Shopping
Within 15 Minutes of Hamfest Site

Visit us on the web @ <http://www.k7rdg.org>

For More Info Contact: N7BTO/Karl—N7BTO@arrl.net

See You There!!!

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	April 8	July 8	October 14
	May 13	August 12	November 11
	June 10	September 9	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.

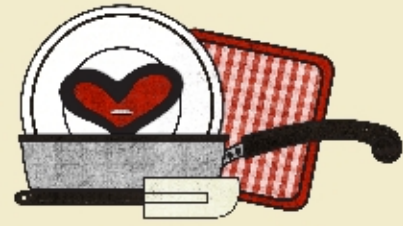
We do a technical question of the week on Wednesday
and the "Flea Market of the Air on Fridays

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



April Fool's Dunkin' Donuts Meatloaf!!

April Fools' Dunkin' Donuts Meatloaf

Ingredients

16 oz. Ground turkey
1 Beaten egg
1/2 cup Bread crumbs
1 tsp. Worcestershire sauce
1 clove garlic (chopped)
1/3 of a onion (chopped finely)



How To Make April Fools' Dunkin' Donuts Meatloaf

Pre-heat the oven to 350.

Mix all of the ingredients together.

Spray a donut pan with cooking spray.

Press the mixture in the donut pan.

We made 6 regular sized donuts and 6 mini donuts.

You could also use a 9x13 pan and just cut out circles using a cookie cutter if you do not have a donut pan.

Bake for 20-30 minutes until lightly golden brown.

If you are making mini donuts they will be done in about 15 minutes.

Mashed Potato Frosting Ingredients

1 container of Country Crock mashed potatoes
3 or 4 tbsp of cream cheese
Pink or red food coloring
Red, green, orange, and yellow bell peppers (finely chopped)



How To Make Mashed Potato Frosting

Heat the mashed potatoes according to the directions.

To get the right consistency we put a few tablespoons of cream cheese with the potatoes in a small chopper while hot. This gave it a bit more of a creamy texture like frosting.

Split up the frosting and color half of it pink.

Finely chop your bell peppers to make them look like sprinkles.

Frost the meatloaf with the mashed potatoes and sprinkle with the bell peppers.

kiss the
COOK