

Eastern Arizona Amateur Radio Society

EST. 1974

www.eaars.com

INC.



facebook.com/groups/eaars

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



June, 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

Sept 14 ----- White Mountain Hamfest ----- Show Low, AZ

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

June 2024

1-2	International Digital Contest
8-10	June VHF
15	Kids Day
22-23	Field Day

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

New EAARS Members!



Frosty	NQ1S
Larry	KK7NMD
Glenn	KJ7VZN
Alec	KK7SQV
Phil	K7TTI



NOAA Weather Radios During Monsoon

Article By: N7JND

As the Monsoons are starting to get under way, it's very important to be notified of approaching severe weather conditions in your area. In this day and age, there are many ways to receive weather warnings including weather apps on your smart phone along with local television station apps and TV/Radio. But my favorite is and will continue to be a NOAA Weather Radio. No matter where you live, chances are you are within receiving range of a VHF NOAA Weather transmitter. I keep a NOAA Weather Radio on my night stand, which will alert me the moment the National Weather Service releases a weather warning. Most of the time, the NOAA Weather Radio will sound its alarm seconds prior to your smartphone apps or other means of alerting. Sometimes, seconds count.



Many Ham Radios also include a Weather Alert function. These are also worth programming up as many of us carry our HT's with us. And we all know that cell coverage is not available everywhere and you could miss an alert.

When shopping for a weather radio, look at one that decodes S.A.M.E signals. S.A.M.E. stands for "Specific Area Message Encoding". These messages will display on the radio, exactly what the warning is in addition to voice transmissions. On mine, it also displays when the warning will expire. The NOAA Weather Radio supporting the SAME feature, will require you to program the SAME CODE for your area. These codes are available at weather.gov/nwr/nwrsame. Also, a downloadable S.A.M.E. list for Arizona and New Mexico, can be found on the EAARS Facebook page under the FILES section.

In my opinion, you can't have too many ways to alert you to severe weather. When severe weather approaches my home, between the radios, smart apps, TV's and NOAA Weather Radio, I KNOW WHEN A STORM IS COMING!!!

NOAA Weather Radio transmits on 7 frequencies. They are... 162.400, 162.425, 162.450, 162.475, 162.500, 162.525 & 162.550.

For more information on NOAA Weather Radio, please visit weather.gov/nwr

Stay Safe This Monsoon Season!!!

HARKINS HAM SHACK

Arizona Science Center



W7ASC CENTER FOR AMATEUR RADIO LEARNING

There's just something magical when I hear W7ASC coming on the air. I know it's because the Arizona Science Center's Ham Radio Volunteers are introducing another visitor to the World Of Ham Radio. They will mostly call on the EAARS system on the weekends but have been heard during the week. If you hear them, please respond to their call for a demo. It's exciting to tell the visitor where you are and what you like about the hobby. This is really cool stuff!!

The following is from the Arizona Science Center's website.

For more than 20 years, the Center for Amateur Radio Learning (C.A.R.L.), a 501 (c)(3) Non-Profit organization dedicated to promoting Amateur Radio to the public, has called the Harkins Ham Shack home. Located on Level 3 in My Digital World, allows Arizona Science Center Guests to explore past and present radio technologies, as well as participate in an international community with other amateur radio stations and operators around the world simply using the radio airwaves—no internet!

With two independent operating positions, Volunteers demonstrate HF and VHF/UHF bands using SSB, CW, FM, TTY, digital modes, plus ATV and SAT modes to Guests of all ages arriving as school groups on field trips, families, etc.

Young students learn to send their name in Morse Code and then enjoy a brief QSO on a local repeater, EchoLink, or other modes, leaving with a Guest Operator Certificate and literature on becoming an amateur radio operator.

Are Scanner Crystals Still Available

When I was very young, my Father bought me my first police scanner. Back in those days, there were no programmable police scanners and they were all crystal controlled. You could go into any Radio Shack store and they would always have a supply of crystals for the area. Well, many years (like 50) has passed us by and of course every scanner out there whether analog or digital, is now all programmed.

But being somewhat of a sentimental hoarder, I still have my 8-channel Regency scanner from 50 years ago and the only thing it receives now, is NOAA Weather Radio. The other channels are empty. While I was gazing at the scanner up in the closet, I started thinking if crystals were still available. Although EBAY is full of crystals, I hardly see any for Ham Radio. So, I started digging for answers to see if any crystal companies still exist. I don't know if Facebook read my mind or not, but the next day, I get one of those sponsored Facebook ads for Crystals and I said... What the heck! I'm going to write this company and ask.

Here's what I got back and I don't endorse this company, but BOMAR EXO CRYSTALS did write me back stating that they would cut any crystal I wanted including 10.7 & 10.8 IF's. Of course Radio Shack & Regency scanners use an IF of 10.7 and Bearcat's use 10.8. Although the price tag is a little expensive at \$50 per crystal with a two order minimum, I thought if you were looking for a particular frequency and couldn't find the crystal on EBAY, you do have an option. But a rather costly option, at that.

The following is the letter I received back from BOMAR...

Dear Chris... Thank you for contacting us.

Yes we do make custom crystals for old scanners. They are custom made, but costly.

Custom Radio Crystals for:

Qty: 1 or 2?

Unit price : \$50.00

Lead time: 8 weeks

Please note our Minimum order is \$100.00 or 2 xtals @ \$50.00 each plus shipping via US Priority Mail is \$15.00 or via UPS Ground within 48 states is \$20.00, Add for UPS: Residential surcharge: \$5.00

Please let us know if you have any questions.

Thanks and regards,
Minnie Lirio
Sales Manager
sales@bomarcystal.com

2024 ARRL Field Day gear is now shipping!

ARRL - 05/10/2024

ARRL Field Day is June 22-23. Get ready for amateur radio's largest on-air operating event with official 2024 ARRL Field Day merchandise, now available. T-shirts, hats, mugs, pins, patches, and more are a great way to show off your involvement in this annual event. This year's design features the theme "Be Radio Active." The back of the t-shirt includes a check-off list of ARRL and RAC Sections - a fun way to keep track of your Field Day contacts.

Encourage club members, family, friends, and prospective hams to take part using ARRL Field Day with recruitment posters and "Get on the Air" (GOTA) pins for newcomers. Get your 2024 ARRL Field Day supplies from the ARRL online store or by calling 1-888-277-5289 toll-free in the US, Monday through Thursday 8 AM to 7 PM and Friday 8 AM to 5 PM Eastern Time. Outside the US, call (860) 594-0200. The complete 2024 ARRL Field Day packet is online. ARRL encourages participants to register their Field Day operations using the Field Day Site Locator.



Field Day Photos

The EAARS Newsletter would like some Field Day photos. We want to post some of your Field Day photos in the July newsletter. Unless you live in the dark ages, you will probably have your two way radio called a cell phone at Field Day. Why not take a couple photos and send them to our newsletter editor, Angie for consideration in the July newsletter. In the subject line, state Field Day Photo and in the body, include your call, location of FD and club name if working with a club.

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

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

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

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	June 10	July 8	October 14
		August 12	November 11
		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.

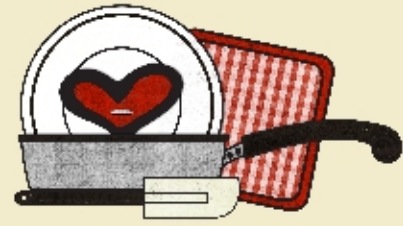
We do a technical question of the week on Wednesday
and the "Flea Market of the Air on Fridays

**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



Cheesy BBQ Chicken Stuffed Zucchini Boats



These easy, cheesy BBQ chicken stuffed zucchini boats actually require super minimal ingredients but are filled with delicious flavor and tons of protein. Here's everything you'll need:

Zucchini: to make these cute little boats of course!

Olive oil: for cooking down the veggies, brushing on the zucchini and greasing your pan.

Garlic: an essential flavor for the filling.

Red onion: a little bite to add to the chicken filling.

Chicken: I like to use plain cooked & shredded chicken breast for ease, but you can even use leftovers from a rotisserie chicken to really save time! You could also cook some ground chicken with your red onion and garlic if you want.

BBQ sauce: feel free to use your favorite BBQ sauce. I love this kind because it's lower in sugar and a little spicy (yum).

Cheddar cheese: add plenty of shredded cheddar cheese (or a vegan cheese!) for that melty, cheesy perfection.

Toppings: I like to top these with a green onion and cilantro for a little freshness.

1. Make your boats. Scoop the centers from the zucchini out while leaving a 1/4-inch rim to create boats. And yes, you can eat the skin on zucchini boats, so no need to peel them first!
2. Prep your pan. Place your zucchini boats into a 9×13-inch greased baking pan. They should snuggle pretty tightly in there, but if you can't fit them all in, you can use two pans. Brush zucchini with a little olive oil or spray them with cooking spray.
3. Make the filling. Cook down the onions and garlic, then transfer the mixture to a large bowl. Stir in shredded chicken, bbq sauce, and shredded cheddar cheese.
4. Assemble the zucchini boats. Spoon the bbq chicken mixture evenly into the zucchini boats and top each with more bbq sauce and a sprinkle of cheese.
5. Bake, garnish & serve. Cover the pan with foil and bake them up until the cheese has melted and the zucchini is tender. Sprinkle the tops with cilantro and green onion and serve!

Looking to grill them instead? It's easy! Here's how to do it:

1. Pre-grill your zucchini. Preheat your grill to medium-high heat or 400 degrees F. After brushing your zucchini with olive oil, place the zucchini flesh-side down on the grill and cook for about 5 minutes until nice grill marks appear.
2. Stuff each zucchini boat. Remove zucchini from the grill and transfer to a baking sheet, flesh side up. Evenly divide the bbq chicken mixture between the zucchini and top with the extra bbq sauce and cheese.
3. Grill them up. Add the baking sheet to the grill, close the lid, and cook for about 5-10 minutes more until the cheese is melty and bubbling.
4. Garnish & serve. Once done, sprinkle tops with cilantro and green onion and serve!

kiss the
COOK