

# 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



*March, 2022*

## 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).*

### 2022

QSO Today Virtual Ham Expo - - - - - 3/12 - 3/13  
Old Pueblo Pioneer Equestrian Endurance Ride - - 3/18 - 20  
SpringFest - Scottsdale Amateur Radio club - - - 3/19  
Tucson RST HamFest - - - - - 3/26  
AZ Amateur Radio Club Hamfest at DeVry - - - - 4/16  
CARA Hamfest in Sierra Vista - - - - - 5/7  
7QP - - - - - 5/7 - 8  
Prescott Hamfest - Yavapai Amateur Radio Club - - 5/14

***Clubs, send me the events you would  
like shown here for 2022.***

### 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, as we do not change.**

**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)*

# 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
Angie	N7EMB	3rd Sunday
Chris	N7JND	4th Sunday

## ARRL RADIO CONTESTS

*March 2022*

*5-6 International DX- Phone*

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

## New EAARS Members!

Ryan	K7INF
Dave	K7DRT
Dave	N7DMB
Charles	KE4MGA
Randy	KN6EQG
Joe	KV7KW





# Some New Rules Going into Effect this Year for ARRL Field Day

ARRL - 02/09/2022

After taking a few detours over the past couple of years due to the COVID-19 pandemic, ARRL Field Day rules are being updated on a permanent basis starting this summer. ARRL conducted a Field Day community survey with invitations propagated far and wide, and direct emails sent to more than 15,000 individuals and ARRL-affiliated clubs. After sorting through, reviewing, and discussing the survey results, the ARRL Programs and Services Committee recommended a number of rule changes for ARRL Field Day, which will take place this year over the June 25 – 26 weekend.



Starting this year, the maximum PEP output for a transmitter used by anyone submitting a Field Day log will be 100 W. The power multiplier of 2 will remain in place, and the high-power category will be removed from the rules. Until this year, the maximum low-power limit had been 150 W for most ARRL-sponsored operating events. The power multiplier will remain at 5 for QRP participants running a maximum of 5 W or less. As previously announced, 100 W is now the low-power category limit for all ARRL and IARU HF Contests, effective January 1, 2022.

A couple of changes instituted initially as accommodations for the COVID-19 pandemic will remain. Class D (Home) stations will continue to be able to earn points for contacts with other Class D stations. The club aggregate scoring change initiated in 2020 as a temporary measure will become part of the permanent rules. In the aggregate scoring plan, the scores of individual stations are combined under the score of a single club.

Another change, involving Rule 7.3.2 Media Publicity, has been modified. Rules to date have offered 100 bonus points for attempting to obtain publicity and demonstrating same. With the ease of posting via Facebook, Twitter, Instagram, and various other media websites, Field Day participants will now be required to obtain publicity, not just try to do so. Any combination of bona fide media hits would qualify for the bonus points. For example, posting the details of your upcoming or ongoing Field Day activity, or your Field Day results, on a club or news media site, on Facebook, or via Twitter and Instagram would meet the bonus criteria. Photos and videos are encouraged as part of media posts.

# Amateur Radio in Ukraine Ordered Off the Air in State of Emergency

ARRL - 02/24/2022

A state of emergency was declared in Ukraine just prior to the Russian military invasion. Among other things, the February 24 decree from President Volodymyr Zelensky will remain in effect at least for 30 days and may be extended. As published on the website of the Verkhovna Rada, Ukraine's unicameral legislative body, the state of emergency includes regulation of TV and radio activities and "a ban on the operation amateur radio transmitters for personal and collective use."

The decree also imposes a ban on mass events and on strikes and authorizes checking the documents of citizens, and if necessary, conducting searches on persons, vehicles, cargo, office space, and housing. A curfew could be imposed. "The situation changes rapidly," IARU Region 1 Secretary Mats Espling, SM6EAN, said. "IARU Region 1 continues to monitor the development and expect all radio amateurs to follow their national laws and regulations."



## Polish Radio Hams Provide E-Mail Access in War

Courtesy of QRZ - Posted date: February 24, 2022 in: News

A few minutes ago the Polish Amateur Radio League published on its social networks:



"Dear HAM operators, in the face of the latest threats in our region and a possibility of an incoming wave of refugees, with over 2 mln already living in Poland, we would like to remind you that we are at your disposal. If you are a licensed amateur radio operator, you can send information by e-mail to your relatives in Poland or Emergency Services with via the Winlink system, which works on HF bands, independently of access to the local ICT infrastructure <https://winlink.org/WinlinkExpress>.



**Since we have many new members to EAARS since the last time we printed this, every once in a while, we like to extend this article to our new members on two very important topics.**

### **The EAARS Courtesy Beep**

If you use EAARS, you will notice a short timed space between the time the person un-keys their microphone until the courtesy beep sounds. It's this timed space that provides a moment of silence to allow any emergency traffic to break in. If someone urgently needs the frequency, it's that space where they will most likely call. Although it's more commonly used for "COMMENT", "BREAK", ETC... We've all accepted that there are going to be those that must break in with constant COMMENTS. But, the space should ALWAYS be reserved for EMERGENCY breaks. Our number one purpose for Ham Radio is to handle emergency traffic. Please reserve this space for such a call.

Secondly, there are so many times people key up immediately after someone un-keys their microphone. THIS IS BAD BAD BAD RADIO PRACTICE. First of all, you are not allowing time for Emergency Traffic to break in. You are also preventing the repeaters the chance to reset their TOT's (Time Out Timers). It's only after the courtesy beep sounds, that the time out timers are reset. If you and the party you are talking with continue to "Quick Key" and continue to ignore the courtesy beep, you WILL time the system out after approx. three minutes. And then someone will usually come on and have to educate you on the courtesy beep (And They Will). With this in mind, you are NOT required to wait for the repeater to drop out to take your turn. That in itself can become quite annoying. Just simply wait for the courtesy beep and continue and enjoy your conversation.

### **The Time Out Timer ( TOT )**

What's the first thing we do after buying that new 2 Meter / 440 mobile or HT radio after we press that power button for the first time? We set the Time Out Timer!!! Most modern and many older FM mobiles & HT's including the famous Baofeng, have a TOT setting in their menu. It's extremely important you set this value to 3 minutes for three main reasons which are...

\*Save yourself from embarrassment. Stuck mics have great ears. They like to pick up words and other sounds and discussions that you probably don't want to be transmitting.

\*Save Your Radio... Nothing burns out a final in a transmitter quicker than one being stuck on for hours. Most mobiles & HT's have very poor duty cycles when it comes to the transmitter being on. The finals can heat up very quickly and even the radio's heat sink can be extremely hot to touch as the heat sink is trying its best to do its job. Don't burn out your radio when the TOT can shut off your transmitter after 3 minutes and won't key up again until the PTT is released and keyed again.

\*Stuck mics can tie up a repeater for a long time. Yes, most repeaters themselves have a TOT programmed in them. However, when the repeater times out, it will usually reset in a minute or so and start transmitting the stuck mic again. But keep in mind, when there's a stuck mic on the repeater, EMERGENCY TRAFFIC MAY NOT BE ABLE TO GET THRU. HANG THAT MICROPHONE UP!!!

# SCOTTSDALE SPRINGFEST

SPONSORED BY  
THE SCOTTSDALE AMATEUR RADIO CLUB



## Saturday March 19, 2022

In the Fender Musical Instrument Parking Lot.



- Open to Vendors at 6am
- Open to the Public at 7am
- Vendors \$20.00/2 parking spaces
- General Admission \$5.00/person
- Raffle Prizes and hourly drawings
- Refreshments and snacks available
- ARRL & ARCA Sanctioned Event
- 1<sup>ST</sup> Prize – Yaesu FT891 HF
- 2<sup>nd</sup> Prize – Yaesu FT5 Fusion HT
- 3<sup>rd</sup> Prize - Yaesu FT70 Fusion HT



Location:	17705 North Pacesetter Way, Scottsdale, Az
Vendors:	17700 North Perimeter Drive
For more information:	<a href="http://www.scottsdalearc.org">www.scottsdalearc.org</a> Facebook: Scottsdale Amateur Radio Club <a href="https://www.facebook.com/ScottsdaleARC/">https://www.facebook.com/ScottsdaleARC/</a>
Talk-in	147.180+ MHz / 440.000+ MHZ
Questions:	James Wasson - <a href="mailto:jwasson1@cox.net">jwasson1@cox.net</a> Bill Kouchis - <a href="mailto:N9EIV@scottsdalearc.org">N9EIV@scottsdalearc.org</a>

Springfest here





# **RST** Radio Society of Tucson

## **TUCSON VERNAL EQUINOX HAMFEST**

**Saturday March 26<sup>th</sup> 2022**

**7 AM – 11 AM**

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



**Talk-in:  
145.250 MHz  
Tone:  
156.7 Hz**

**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.org](http://www.k7rst.org)**

1. Grand Prize – Yaesu FT-991A.
2. Yaesu-FTM-300DR Dual Band VHF/UHF Transceiver
3. Yaesu FTM-3100R 65-Watt Two-meter Transceiver
4. Astron SS-12 Power Supply.
5. Daiwa CN-901HP HF SWR Meter
6. Daiwa CN-901V VHF/UHF SWR Meter
7. Cushcraft AR-6 6-meter Vertical Antenna
8. Sirio Tornado 6-meter Vertical Antenna

*Map and information: <http://www.k7rst.org>*





**The Cochise Amateur Radio Association**

2756 S Muson Rd, Sierra Vista, Arizona 85650

Presents The

**Cochise Hamfest and 7<sup>th</sup> Area**

**Phone/CW/Digital Communications Exercise**

Saturday, May 7th, 2022

**FREE PARKING AND ADMISSION: Hamfest Gate Opens at 0700**  
**AMATEUR RADIO LICENSE TESTING: 0900 to 1100**

**PRIZE DRAWING @ 1200 NOON TALK IN: 146.76(-) PL 162.2**  
**TAILGATING - \$5, INSIDE TABLES - \$10**



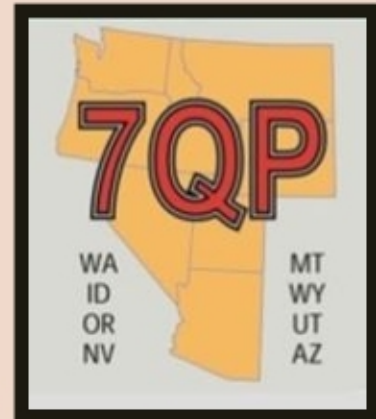
First Prize: Icom IC-718 All Band Station  
Second Prize: Icom IC-7300 Dual Band Satellite  
Third Prize: Yaesu FT-700R HF  
Fourth Prize: Tri-Tone NR770 Dual-Band Tri-Band Antenna

Food Sierra Vista Area restaurants and Shopping within 15 minutes of Hamfest Site

VISIT US ON THE WEB AT <http://www.k7rdg.org>

For More Info Contact: N7BLB@COWMUNAB@gmail.com

**See You There!!!**



It's not too early to mention that **The 7th Call Area QSO Party (7QP) will take place on May 7-8th 2022 starting at 1300 UTC (6:00A MST) on Saturday the 7th.** The

7QP is an amateur radio contest, held annually on the first Saturday in May by the Central Oregon DX Club. The stations of the US 7th call area (Arizona, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming) become "the pursued", and the rest of the US, Canada, and the world tries to work as many of us, on as many bands/modes as possible, over the 18-hour period. For the organizers of 7QP, a key objective is to get as many of the state's counties (15 Arizona counties) activated for at least some of the contest by promoting serious "roving" mobile operation and county-line stations, and the casual-operator at fixed stations in under-populated counties. Why not consider turning a camping trip into a ham expedition? There are many entry categories (more than most other contests) so there is something for everyone. Working this contest is far more rewarding from that remote location than an otherwise normal contest weekend at home. Counties such as Navajo, Santa Cruz, Greenlee, Cochise, La Paz and even Pinal some years are often soft in participation so they should always be considered. Visit <http://7qp.org/new/Page.asp?Content=start> for rules and complete description and information. Additionally, folks can announce their planned operation by sending an email to [7qpop@codxc.org](mailto:7qpop@codxc.org)

73,  
Andy Smith, KK7AC  
Arizona Lieutenant, 7th Call Area QSO Party  
[kk7ac@hotmail.com](mailto:kk7ac@hotmail.com)

# Other Club Stuff

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

<b>2022</b>		
	May 9	Sep 12
Mar 14	Jun 13	Oct 10
Apr 11	Jul 11	Nov 14
	Aug 8	Dec 12

**Anthony K7AER And Jerry K7ZDD are officially Accredited and Registered with ARRL. Starting January 28, 2022 at 6:00 pm. Ham Radio testing will be held at the Vernon Libraray, Vernon Teaching Testing Center, 26 County Road 3142, Vernon, AZ. After that every 2 months on the last Friday of the month thereafter. Walk-ins are welcome. Ham Radio Testing will be held for Technician, General and Amature Extra.**

**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.**

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



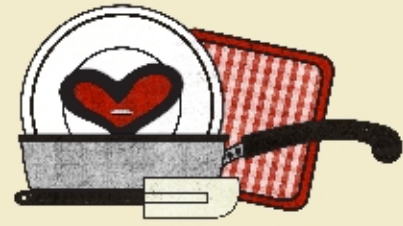
***Happy St Patrick's Day!***



***Party responsibly.***



Cooking up  
Some Magic



# Chili Cornbread Salad

*Courtesy of Taste of Home*

## Ingredients

1 package (8-1/2 ounces) cornbread/muffin mix  
1 can (4 ounces) chopped green chiles, undrained  
1/8 teaspoon ground cumin  
1/8 teaspoon dried oregano  
Pinch rubbed sage

1 cup mayonnaise  
1 cup sour cream  
1 envelope ranch salad dressing mix  
2 cans (15 ounces each) pinto beans, rinsed and drained  
2 cans (15-1/4 ounces each) whole kernel corn, drained  
3 medium tomatoes, chopped  
1 cup chopped green pepper  
1 cup chopped green onions  
10 bacon strips, cooked and crumbled  
2 cups shredded cheddar cheese



*Total Time*

*Prep: 20 min. + chilling*

*Bake: 20 min. + cooling*

*Makes: 15 servings*



## Directions

1. Prepare cornbread batter according to package directions. Stir in chiles, cumin, oregano and sage. Spread in a greased 8-in. square baking pan. Bake at 400° until a toothpick inserted in the center comes out clean, 20-25 minutes. Cool.
2. In a small bowl, combine mayonnaise, sour cream and dressing mix; set aside. Crumble half of the cornbread into a 13x9-in. dish. Layer with half of the beans, mayonnaise mixture, corn, tomatoes, green pepper, onions, bacon and cheese. Repeat layers (dish will be very full). Cover and refrigerate for 2 hours.

kiss the  
cook