

# Eastern Arizona Amateur Radio Society

EST. 1974

INC.

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

[facebook.com/k7ear](https://facebook.com/k7ear)

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



*November 2016*

## LIKE EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **LIKE** 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/k7ear](https://facebook.com/k7ear) and **LIKE** the page. Face book accounts are not needed to "visit" the page, you will only be able to read and not participate.



**Welcome New EAARS Members!**

**What? No new members for the month of October!**

## 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

### **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

# Gals on the Air!

Calling all Gals of any class ... Join us every Monday night for the  
Gals Night Net @ 7:30 pm (AZ) on the EAARS system!

## 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).*

**November 12, 2016 - Oro Valley ARC HamFest**  
**November 19, 2016 - El Tour Tucson**



### WEEKLY EAARS' NETS

#### **Every day:**

*Down Under Net - 4:15 am*

*Weather Net - 5:30 am*

*NTS Traffic Net - 6:30 pm*

#### **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 second Wednesday of month at 7:30 pm*

#### **Saturday:**

*ERC (Emergency Response Communications) Net -8:45 am ,  
2nd Saturday of the month (20-25 min duration)*

**Tony KG7YTS is trying to start a Youth Net on Saturdays at 5:00pm, here on EAARS. Get your kids on the and let's support this youth net!!**

# 2016 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
ARCA Rep	Byron McCabe	AA7BM

## Net Control Operators

Rick	KE7EDP	1st Sunday
Angie	N7EMB	2nd Sunday
Bob	KD7LMV	3rd Sunday
Chris	N7JND	4th Sunday
Karl	N7DMA	5th Sunday and fill in



## 2017 ARCA Young Ham of the Year (from the ARCA website)

Nominations for the 2017 ARCA Young Ham of the Year are currently being solicited. Nominees must be under the age of 18 years and should have made contributions to the hobby. Letters of nominations must be made by an ARCA Affiliated Club on club stationery and signed by a club officer (not related to the nominee). The letter should list the reason(s) the club feels the nominee is deserving of the honor. Nominations must be received by ARCA no later than May 1, 2017 to allow time for compilation of the nominations, voting, and plaque preparation. Voting is done by the last 11 recipients of the Ham of the Year award. Results will be announced at the 2017 July hamfest.

**Letters of nomination should be sent U S Mail to:**

**ARCA - Young Ham of the Year Award  
16845 N 29th Ave., #312  
Phoenix, AZ 85053-3041**

**Remember - Nominations must be received by ARCA  
no later than May 1, 2017.**

## JOTA - Jamboree on the Air 2016

The Jamboree on the Air (JOTA) for 2016 was in no uncertain terms, a resounding success. The 2016 JOTA event was conducted at the Double-V Scout Ranch on Kinney Road on Saturday October 15th. We had about 90 youth participants that included Cub Scouts, Boy Scouts, and their parents, leaders and siblings.

Youthful words heard during the event were: "Wow". "Hey, this stuff is cool." "Can I do this at home?" "Are those things really vacuum tubes? My grandfather told me about those." Both "wow" and "cool" were heard many times. More than one leader asked us about the next WN7BSA radio class.

Radio Society of Tucson (RST) volunteers set up three "your-on-the-air" stations, one on VHF, and two on HF. On VHF we had Sitka, KG7ZXB, and Cody from Troop 774 (now taking the WN7BSA radio class). On 40-meter HF, Don KD7UIZ was the master of ceremonies and on 20-meter HF we had Bill, AE7YQ and Charissa, KI7GXL. Most every attendee got to make a contact and talk on amateur radio.

Besides talking on the air, we also offered a hands-on transmitter hunt using GPS and ARPS with a special thanks to Kirk, K7VGJ and Troop 774 Boy Scout Chris, KG7EXA, for setting that one up.

Other activities were a hands-on CW exercise that was very popular and coordinated by Troop 157 Scouters Jason, KI7BGQ and Sean, KG7RHH and Troop 774 Scouter Mike, KG7EXB. We also had a very annoying hands-on high frequency sound demonstration called "Annoying Your Friends and Parents". This one was conducted by 4H Dad, Brian, KG7WVH.

Boy Scout Troop 122 member Aleister, KI7GXP conducted a Software Defined Radio (SDR) demonstration and of course old Mister Joe, K3TYE talked on and on about old-time radio while showing off an heirloom Hallicrafters receiver and giving away vacuum tubes by the dozen.



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**JOTA - continued from page 4**

The Tucson Amateur Astronomical Association (TAAA) put on both a daytime and a night time star party. During the day, TAAA volunteer Jim Knoll and Troop 157 Boy Scout Tyler Shifflette offered both hydrogen-alpha and white light views of the sun. In the evening, scout parents and friends brought out their lawn chairs and the TAAA volunteers put on a great night time star party offering all kinds of astronomical "eye candy."

Our Guardian Angels were working overtime all weekend long as there were no serious injuries other than a splinter and a cactus thorn or two. We did have two rattlesnake encounters but they both turned out to be educational; leave them alone and they will leave you alone.

Respectfully submitted by Joe S.  
Chief Operator - K3TYE  
Trustee - WN7BSA



Thank you Mr Joe for all you do with these kids! You are a great mentor.



**When you choose to be pleasant and positive in the way you treat others, you have also chosen, in most cases, how you are going to be treated by others.**

## The EAARS Courtesy Beep

By Chris - N7JND

We've all heard the courtesy beep after every transmission on the EAARS system. But why is it there? What's its purpose? And most of all, why should we pay attention to it? WHY WHY WHY???

If you ask a group of people what they think of a courtesy beep, it will probably be split in half. Some people like it and some people don't. But whether you like it or not, it does serve two valuable functions on the EAARS system. I will explain the two main purposes below...

First of all, you will notice there's a timed space between the time the person un-keys their microphone and 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 break-in's. Please keep that in mind if you are always breaking in with a COMMENT. Our number one purpose for Ham Radio, is to handle emergencies. We should always be on the alert for such a call.

Secondly, there are so many times I hear people key up immediately after someone un-keys their microphone. THIS IS 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 to 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. Also, with that 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.

So, that's the TWO main reasons there is a courtesy beep on the EAARS system. It serves a great purpose for being there. Please respect it and ALWAYS listen for it.



The EAARS Officers and Staff wish a  
**HAPPY THANKSGIVING TO YOU AND YOURS!**

*May you enjoy your many blessings!*

friends

Blessed

together



From our Secretary/Treasurer, Larry Griggs N5BG:

Greetings EAARS members:

It is once again that time of the year that EAARS conducts its annual membership renewal campaign. We would like to say thank you all for your support of the club. As the saying goes "We cannot do this without the help from people like you". We ask for your continued support for the 2017 calendar year.

As we have done in previous membership renewal campaigns, those members renewing their 2017 dues by December 15, 2016 will be entered into a drawing for a gift certificate to Ham Radio Outlet. This drawing will be held at our first meeting in January of 2017. You do NOT need to be present to be drawn.

Membership dues can be paid in several ways:

**First:** Just send a check, m/o, cash for \$24.00 with your call sign and name noted, to our club address as follows: **EAARS, PO Box 398, Solomon, AZ 85551**

**Second:** Come to the next EAARS meeting on November 15th in Thatcher. Mainly for local members.

**Third:** We have paypal available for those desiring to use that service.

**Go to our website: [www.eaars.com/pay](http://www.eaars.com/pay)**

Follow the instructions and be sure to include your callsign on the form. Note there is a \$2.00 fee for using the paypal option. This option is for your convenience if you so desire to use it.

Again EAARS wishes to say thank you all for your continued support of the club, and its linked repeater system.

## **HARKfest Tailgate Hamfest**

Presented by HARK (Hassayampa Amateur Radio Klub)

Sponsored by RFStuff

Nov. 5, 2016

8 am - Noon

North Ranch Escapees RV Park  
30625 S. HWY 89, Congress, AZ 85332  
(GPS 34 06.292 112 49.880) MM 263.8

Talk in on 146.620 (pl. 162.2) or 146.580 (simplex)

Free Admission

Free Tailgate Sites (pre-registration required)

Register at [n0daj1950@gmail.com](mailto:n0daj1950@gmail.com)

Overnight camping (full hook-up or dry camping) available  
(pre-registration required at [www.escapees.com/parking/congress](http://www.escapees.com/parking/congress))

Tailgating allowed at campsite

\*LARC (free) VE Testing, 9am in the Club House (Blue Room)

\*ARRL Card Checking

\*Main Prizes:

Grand Prize, Kenwood TM-V71A Dual Band Transceiver

Second Prize, MFJ -949E Antenna Tuner

Third Prize, Tram 1480 8-ft Dual-Band Antenna (supplied by RF Stuff)

Fourth Prize, Baofeng FF-12P Dual Band H/ (supplied by CSI)

\*Tickets \$1 each, 6 for \$5, 15 for \$10

\*Drawing at Noon

\*Door Prizes

\*Vendors

\*Arts & Crafts show(Activity Center)

9 am - 2 pm

Lunch Served

Doug Jarmuth, N0DAJ

HARK President

928.684.8930 (H)

28.231.2616 (C)

[n0daj1950@gmail.com](mailto:n0daj1950@gmail.com)





# ORO VALLEY ARC



## HAMFEST

Great Fun!

Great Raffle Prizes!

Indoor VE Session!

Pre-registration for VE testing preferred but not required. Email [NU7Y@arrl.net](mailto:NU7Y@arrl.net)

Interesting Seminars!

See website for Seminar Schedule

ARRL Booth with Award Card Checking and Logbook of the World assistance!

Food Truck for Breakfast and Lunch

An ARRL Sanctioned Event  
Presented by the  
Oro Valley Amateur Radio Club

**November 12, 2016**

**Marana Middle School  
11285 West Grier Road  
Marana Arizona 85653**

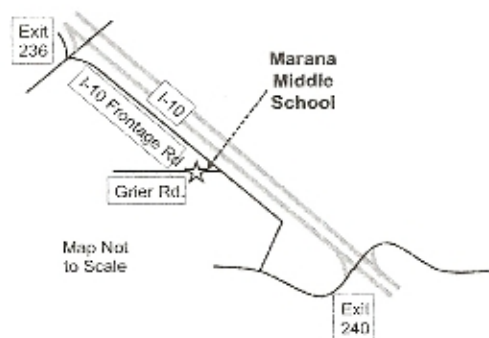
**Gates open at 7:00 AM (5:00am for sellers) and close at 1:00 PM**

**Admission: \$5.00** includes a bottle of water  
(Children under 12 free with a paid adult)

**Students free with any Arizona school ID**

**Sellers: \$10 per space** (includes the seller)

Contact [hamfest@tucsonhamradio.org](mailto:hamfest@tucsonhamradio.org) for more information



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

Talk-In Repeaters

146.620(-) 444.100(+) 147.320(-)

All PL Tones 156.7

*Per AZ State Law, no smoking or firearms are permitted on school property including parking areas*

