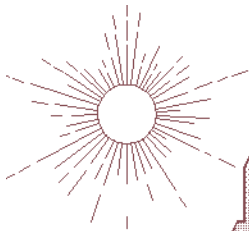


**ADAW**

4529 W. Park Place  
Glendale, AZ 85306-1512



**ADAW**

**Arizona Desert Aire Waves**

Vol 39, No 8

August 2014

**ARE YOUR DUES CURRENT?**

Check Your Club's Listing  
on Page 2 for Information.

Be sure your club has your current  
email and/or mailing address.

**CLUB MEETINGS SCHEDULE**

**SARC**  
Aug 6th  
Scottsdale Senior Center  
7:00 PM

**AARC**  
Aug 14th  
Red Cross Bldg. - Phx  
7:30 PM

**OPRC**  
Sep 10th  
Marshall Conference Ctr  
at Tucson Medical Ctr  
7:15 PM

**TBARC**  
Aug 21st  
Thunderbird School  
of Global Mgmt  
7:00 PM

**CARL**  
TBD  
AZ Science Center  
10:00 AM

**ARDG**  
Every Wednesday  
Phoenix Country Day School  
11:10 AM

**QCWA**  
October  
TBA  
Phoenix Area  
12:00 PM

**WVARC**  
Aug 4th  
St Clement Catholic Church  
Social Hall  
7:00 PM

# ADAW MEMBER CLUBS

## ARIZONA AMATEUR RADIO CLUB

The Arizona Amateur Radio Club meets on the **SECOND THURSDAY** of each month at 7:30 p.m. in the Red Cross Building, located at 6135 N. Black Canyon Hwy., Phoenix (N. of Bethany Home Rd., E. side of Freeway on frontage Rd.).

President	Gary Hamman	K7GH	602.996.8148
Vice President	George Cooney	KQ7C	602.274.6212
Secretary	Rosemary Kydd	N7LPN	623.980.7282
Treasurer	Bob Hodges	K7JTT	602.274.1647
Activities Mgr	Joe Cutitta	W0SLI	623.215.2226
Membership	Bob Hodges	K7JTT	480.802.1158

AARC c/o Bob Hodges, K7JTT, 9508 E Riggs Rd, #A117, Sun Lake, AZ 85248-7532. DUES: \$15.0500/YR, Prorated (\$18.00 Family, \$9.00 Student), MEMBERSHIP YEAR BEGINS FEB. 1.

## CENTER FOR AMATEUR RADIO LEARNING

The Center for Amateur Radio Learning is a hands-on amateur radio station, W7ASC, located within the Arizona Science Center at 600 E. Washington, Phoenix. Board meetings are held the last month of each quarter at the AZ Science Center. Annual meeting for all volunteers is held the **THIRD SATURDAY** of January. Watch ADAW for details.

President	Bob Burlison	KG7QJ	480.961.1109
Vice President	Tom Salt	AD7PM	480.926.0348
Secretary	John O'Neal	K7JP	480.345.7800
Treasurer	Roger Buel	W9NCQ	602.493.7242
Board Members	Ray Waddoups	KE7FUM	480.654.9883
	David Zinder	W7PMD	602.358.7826
	Ken McLeod	KM3N	

Web Master, ARCA Rep - Roger Buel, W9NCQ - 602.493.7242  
For information: Email to [carl@w7asc.org](mailto:carl@w7asc.org) or call Bob Burlison, KG7QJ at 480.961.1109. Web Site: <http://www.w7asc.org>

## SCOTTSDALE AMATEUR RADIO CLUB, INC.

The Scottsdale Amateur Radio Club meets the **FIRST WEDNESDAY** of each month at 7:00 p.m. in Room 8 at the new Scottsdale Senior Center located at 1700 N Granite Reef Road (west side of Granite Reef Rd., 50 yards north of McDowell Rd. Parking on site). The club also holds a net every Tuesday night at 7:00 p.m. on the 147.78/1.18 repeater.

President	James Wasson	N7ELL	480.456.1154
Vice President	Bob Johnsen	K7TR	480.946.1427
Secretary	Ed Nickerson	WU7S	480.949.5162
Treasurer	Alan Jensen	KE7FSD	
Past President	Paul Finell	W7EFQ	602.741.6563
Board Members	Jerry Jacques	KE7GYM	480.239.8679
At-Large	Dreux Jacques	W7EMU	
	Louis Schmitt	NQ7I	
	Judy Jensen	KE7IXI	
	David Yee	N7AJR	
	Paul Jorgensen	KE7HR	
	Kelly Law	KE7ZVL	

SARC, P. O. Box 10878, Scottsdale, AZ 85271-0878. Phone: 602.735.3988. DUES: \$20.00/YR, (\$10.00/Add'l Family Member). Web Site: [www.scottsdalearc.org](http://www.scottsdalearc.org)

## OLD PUEBLO RADIO CLUB

The Old Pueblo Radio Club meets the **SECOND WEDNESDAY** of each month (except June, July and August) at 7:15 p.m. in the Marshall Conference Center at Tucson Medical Center. Visitors are welcome.

President	Ron Kalish	N7SPW	520.207.3852
Vice President & Treasurer	George Devich	N9IUK	520.760.0125
Board of Directors:			
	Bill Price	N7GUO	
	Cliff Hauser	KD6XH	
	Jim Ulmer	KC7THU	
	Lin Donnelly	KF7CNR	
WebMaster	Ted Willis	AA7HX	520.790.3828
	(www.oprc.org)		
Trustees: (all repeaters operating under the K7TRA call)			
Primary	Cliff Hauser	KD6XH	
	146.660, 146.820, 147.220-		
	Paul VanBeverhoudt	KA7LFX	224.06+
Secondary	Ted Willis	AA7HX	146.66-
	Ralph Turk	W7HSG	146.82-
	Paul VanBeverhoudt	KA7LFX	224.06+

Mailing address: OPRC, P.O. Box 42601, Tucson, AZ 85733-2601. DUES: Individual - \$20.00/YR, Family - \$30.00/YR.

## QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 16 - BARRY M GOLDWATER ARIZONA CHAPTER

The Barry M Goldwater Arizona Chapter of the QCWA includes amateurs from all over Arizona. Four luncheon meetings are planned each year. The meeting months and locations are announced by newsletter, but generally follow the following schedule:

Spring Meeting	March/April	Tucson Area
Summer Meeting	June/July	Prescott Area
Fall Meeting	October	Phoenix Area
Holiday Meeting	December	Carefree Area

The AZ Chapter meets on the air every Sunday morning at 0700 MST (0730 during December and January) on 3890 +/- QRM.

President	Douglas Besemer, K0VPL <a href="mailto:motoman1@aol.com">motoman1@aol.com</a>
Vice President	Bill Martin, AI0D <a href="mailto:ai0d@hotmail.com">ai0d@hotmail.com</a>
Sec/Treasurer	Robert McCuskey, W7BV <a href="mailto:mccuskey@email.arizona.edu">mccuskey@email.arizona.edu</a>
Webmaster	Robert Smith, WB6ODR <a href="mailto:lrsmith@cableone.net">lrsmith@cableone.net</a>

AZ QCWA, Robert S. McCuskey, W7BV, Email: [mccuskey@email.arizona.edu](mailto:mccuskey@email.arizona.edu). DUES: \$7.00/year and current national QCWA membership. Web Site: <http://azqcwa.org>

The *Arizona Desert Aire Waves* is published monthly and is the official news media of the sponsoring clubs. All news items, articles and inquires should be submitted to each club's editor. Any information and opinions printed herein are those of the contributors and are not necessarily those of the sponsoring clubs. Full permission is granted to quote from this publication providing credit is given to the individual contributor and the ADAW. ALL RIGHTS RESERVED. **Deadline is 10th of the month**

## ADAW MEMBER CLUBS

### THUNDERBIRD AMATEUR RADIO CLUB

The Thunderbird Amateur Radio Club meets the **THIRD THURSDAY** of each month at 7:00 p.m. at Thunderbird School of Global Management located near 59th Ave. and West Greenway Rd. (Enter at the light at Country Gables and 59th Ave. The meeting is held in Building 107, Lecture Hall 54. Map may be found on the web site at [www.w7tbc.org](http://www.w7tbc.org).)

President	Gary Duffield	WK7B	602.843.7724
Vice President	Chris Johnson	K6OZY	623.866.2777
Secretary	Jack York	KE7VOU	602.318.7530
Treasurer	Warren Gaspar	NU7R	602.796.6319
Directors:	Andrew Cornwall	KF7CCC	
	Bryan Stembridge	N7BES	
	Rick Tejera	K7TEJ	
	Jim Moore	WB7ENX	
Past President	Walt Reinert	N7GDP	602.938.8219

For further information about the ThunderBird Amateur Radio Club, send an e-mail to: [info@w7tbc.org](mailto:info@w7tbc.org) or call 602.938.8219.

### AMATEUR RADIO DEVELOPMENT GROUP

The Amateur Radio Development Group meets **EVERY WEDNESDAY** at 11:10 a.m. on the Phoenix Country Day School campus located at 3901 E Stanford Dr., Paradise Valley.

President	Benjamin Lee	K7JS	602.614.0850
Vice-President	Will Weiss	KG7FFV	480.789.932
Secretary	Nathan DeRueda	KG7GLB	480.582.8575
Treasurer	Sahil Rawal	Pending	623.606.0258
Chief, Emergency Communications	Sarah Dailey	KD7GJI	480.286.3026
Chief, Research and Development	Sage Druch	KG7EQB	602.256.7997

Currently no dues. Mailing address: c/o Sahil Rawal, 3901 E Stanford Dr, Paradise Valley, AZ 85253.

### WEST VALLEY AMATEUR RADIO CLUB

The West Valley Amateur Radio Club is an Arizona 501(c)(3) non-profit corporation. Meetings are the **FIRST MONDAY** of each month at 7:00 PM in the St Clements Catholic Church Social Hall located at 15800 Del Webb Blvd., Sun City. The board meets the second Monday of the month at Denney's, 1121 Grand Ave., in Youngtown. Club nets are held on 147.300 (tone 162.2) at 9:00 AM daily and Monday - Thursday at 8:00 PM. A weekly breakfast is held on Thursdays at Lou's Trivoli Gardens, 12535 W Bell Rd., at 7:00 AM.

President	Ken Peloquin	N7PHO	623.980.7282
Vice President	Ted Walker	KB5OF	623.910.9275
Secretary	Verdamae Cutitta	KF7UJB	623.872.3844
Treasurer	John Siepmann	N9NA	623.544.5295
Membership	Ted Walker	KB5OF	623.584.9113
Club Directors:	Rosemary Kydd	N7PLN	623.980.7282
	Robert Fairfield	K7RQN	623.566.2320
	Joe Cutitta	W0SLL	623.215.2226
	Ken Jenkins	WB6MMV	623.584.9113

WVARC, P O Box 1573, Sun City, AZ 85372-1573. DUES: \$15.00/YR for family residing at the same address. MEMBERSHIP YEAR - January - December. Web Site: <http://www.westvalleyarc.org>.

**ADAW**

## FROM THE EDITOR'S DESK

Greetings everyone,

My profoundest apologies for the lateness of this edition of ADAW. We've had a medical emergency and everything got put on hold. I am just now trying to catch up on everything that was placed on the back burner until the crisis was over.

Did you get up to Williams this year? If not, you missed a great time. There was a T-Hunt, a balloon launch, as well as numerous talks and presentations. The hospitality suite was moved onto the grounds this year and was a great success. They'll continue that in the year's to come. Best of all, the event dodged the monsoon – NO RAIN! There were a few sprinkles on Thursday, but none on the weekend. The barbecue dinner was delicious as usual and about 60 people partook of the excellent food and camaraderie.

Perhaps the biggest drawback this year was the mosquitos. There were many, and they were voracious! All the local people said they had never seen this many mosquitos before. Could have been the monsoon rains the week before that left standing puddles all over the city.

Next year, the ARCA/Williams Hamfest will be held on the fourth weekend of July, returning to their traditional weekend in July. The council has been eying the fourth weekend for years. The group that held the fourth weekend of July has moved their event enabling the council to claim it. So, watch for the dates and more information to come.

That's about it from me this month. Hope everyone is staying cool in our desert heat.

Til next month,  
Chris, N7PVL

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[www.adaw.org](http://www.adaw.org)

## License Testing Information

When you are ready to take an exam for an Amateur Radio license, there are Volunteer Examiners available to assist you. Each Applicant will need to bring a picture ID (some test sessions require two forms of identification). If you are upgrading your class of license, be sure to bring the original (and a copy) of your license and/or Certificate of Successful Completion of Examination (C.S.C.E.). There may be a fee required.

**PLEASE NOTE:** Dates, times, locations, fees may change. Arrive promptly at time listed. Fees may vary and exact change or check is required at most sessions. Call test session contact to confirm information. Walk-ins are permitted unless otherwise specified.

## August Test Sessions

### Aug 7th - CARBA -- 7:00 PM

Lighthouse YMCA, 2900 N Columbus Boulevard, Tucson  
 Contact - Matthew Grossman 520.750.7189  
 Pre-Reg by email preferred - [veregistration@rstclub.org](mailto:veregistration@rstclub.org)

### Aug 8th - Yavapai ARC -- 6:00 PM

Jeep Posse Bldg in Pioneer Park, 1800 Commerce, Prescott  
 Contact - Donalad Bauer 928.775.4690

### Aug 9th - Maricopa County Sheriff Department -- 10:00 AM

Maricopa Count Sheriff Department, 3325 W Durango St, Phoenix  
 Contact - James Skinnell 602.826.1949  
 No Walk-Ins

### Aug 9th - Yuma ARC -- 9:00 AM

Yuma County Sheriff's Office, 141 S 3rd Ave, Yuma  
 Contact - Robert Spencer [revrobert@roadrunner.com](mailto:revrobert@roadrunner.com)  
 No Walk-Ins - Must Pre-Register

### Aug 11th - Radio Society of Tucson -- 7:00 PM

Pima Emergency Communications Operations Ctr,  
 3434 E 22nd St, Tucson  
 Contact - Diane Zimmerman 520.219.0452

### Aug 12th - Phoenix Amt Radio Team -- 6:00 PM

Phoenix Library Mesquite Branch, 4525 Paradise Valley Mall Loop,  
 Phoenix

### Aug 13th - Central Phoenix VE Team -- 6:30 PM

South Mountain Community College, 7050 S 24th St, Phoenix  
 Contact - Bill Martin 480.205.3625  
 Limited Space, Please Contact Prior to Exam

### Aug 18th - East Valley VE Team -- 6:00 PM

City of Mesa Utilities, 640 N Mesa Dr, Mesa  
 Contact - Fred Bolinger 480.242.8606

### Aug 23rd - Arizona ARC -- 7:00 PM

American Red Cross, 6135 N Black Canyon Hwy, Phoenix  
 Contact - Gary Hamman 602.996.8148  
 No Walk-Ins - Pre-Registration Required by Friday Night

## Public Service Calendar

EVENT	LOCATION	DATE
Barn Burner Mtn Bike Race	N of Flagstaff on the Kaibab & Coconino NF	09/06/14
Mogollon Monster	Payson Rim Area	09/27/14
Xterra Estrella Mtn Trail Run	Estrella Mountain Park	10/05/14
ADA Walk for the Cure	N Cnetral Phoenix	10/11/14
Tour de Scottsdale	N Valley/Fountain Hills	10/12/14
JROTC First Water	N of Apache Junction	10/25/14
Heart of Arizona	Congress	11/01/14
Javalina Jundred	McDowell Mtn Park	11/01-02/14
MS Walk on the Wildside	Phoenix Zoo/Papago Park	11/01/14
Javalina Jundred	McDowell Mtn Park	11/02/14
JROTC Lake Pleasant	W of Lake Pleasant	12/13/14
Fiesta Bowl Half Marathon	Scottsdale Civic Center	12/14/14
Xterra - White Tanks	Waddell	01/04/15
JROTC Lake Pleasant	W of Lake Pleasant	01/31/15
Xterra - McDowell Mtn	Fountain Hills	02/01/15
Runners Den Pancake Run	E Phoenix, Paradise Valley Mall	02/08/15
JROTC First Water	First Water Trailhead Apache Junction Area	03/07/15
Xterra - Blanck Canyon City	Table Mesa Rd - Black Canyon City	03/22/15
Cave Creek Trail Run	Cave Creek	04/05/15

To sign up send email to: [mcecg@yahoo.com](mailto:mcecg@yahoo.com)

MCECG on the Web [MCECG.ORG](http://MCECG.ORG) for event sign up

For information on events, join - [azhamserve@egroups.com](mailto:azhamserve@egroups.com)

Jim Pierce, N7QVW - 623.551.1204 - [jim@n7qvw.net](mailto:jim@n7qvw.net)  
 Brian McCarthy, N7TUQ - 623.486.0507 - [n7tuq@arrl.net](mailto:n7tuq@arrl.net)

ADAW



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 at Affordable Prices

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## SCOTTSDALE AMATEUR RADIO CLUB, INC.



Club Station: WA7APE  
Club Repeaters: 147.78/.18 & 445.00/440.00

Last month, the general club meeting featured an ice cream social and a terrific slide show of the field day activities. We had plenty of cake, brownies, and cookies to go with the ice cream. With the slide show beaming on the big screen, everyone in attendance was talking about the event. The bands were not very good and there were the usual problems with interference between stations. This led many to talk about remedies for the interference situation. This is the first year for using an in-town site and problems were expected. The general consensus was to return to this site next year if possible.

There were 21 club members that attended the field day site in Paradise Valley. The site was the home and ham shack of silent key Tom Barry. The club has adopted his call sign, with the approval of the FCC, and that was the call sign used for the event. Margaret Barry, Tom's XYL, was very gracious to allow the club to use Tom's air-conditioned shack and the whole property. She is also a ham, K9BBF, and she operated for a while during the event.

Of course, what would field day be like without good food for all of those attending. Margaret has a large propane grill which was used for Saturday's lunch and dinner. Jerry Jacques, KE7GYM, took care of the provisions for the event and they were great. For lunch, there was potato salad, hot dogs, brats, lettuce salad and soda. For dinner there was more potato salad, lettuce salad and barbequed pork spare ribs. And coffee and cake to top it off. Everyone ate their fill and then some. If you did not make this event, you should consider making it next year.

Here are a few pictures of the 2014 Field Day event. The club web site has many more. The address is [www.scottsdalearc.org](http://www.scottsdalearc.org). If you have more pictures, please send them to the web site for all to enjoy.



We have our Tuesday night net at 7:00 P.M. on 147.18 (PL 162.2) and 440.00 (P1 100). This is a general conversation net and everyone is welcome.

Well, that is all I have for now. I hope you are all well and looking forward to a great summer of hamming.

73 Ed WU7S  
[enickerson427@aol.com](mailto:enickerson427@aol.com)

ADAW

### SARC CONSTANTS:

**SARC is a 501 (c)-3 club. That means all donations are fully tax deductible. Contact Paul Finell, W7EFQ at 602.741.6563 for information on estate donations and equipment pick-up.**

**For membership information, call Gerald Jacques, KE7GYM at 480.239.8679. Please send address change requests to Gerald no later than the 7th of the month in which you would like the change to occur.**

**To field check QSL cards for most ARRL awards, call Ed Nickerson, WU7S at 480.949.5162.**



ADAW

*Want Ads*

**Wanted** - Rohn 25/45 gin pole.  
Contact Ray, W7GNE - Home: 480.998.1893



## Preaching to the Choir!

Another Field Day has come and gone. It was very active at the Science Center. There were about a dozen Hams there to help to entertain and educate the crowds. A BIG THANKS to all the Ham Volunteers and to all of the ASC folks that helped out:

Tom, AD7PM	John, K7JP
Chris, KG7FEG	Don, KG7LHZ
Johnathan	Jim, N7BBS
John, WA2IZX	Jean, W4CIH
David, W7PMD	Rusty, WA8ZID

The sound of Morse code filled the halls and galleries at the extra table that were put in place in order to allow visitors to experience the Code, yet avoid the long lines. An extra table just outside of the station was manned by Don, KG7LHZ and his son Johnathan. They braved the onslaught of Cherubs, never flinching from the task. That large monitor had been moved to the outside of the Shack. Visitors can now see it.

This scene was repeated in the first floor lobby, in front of the popular water game.

It is important to give credit to the staff and management of the Arizona Science Center. First of all, the Center acknowledged the Field Day concept and objective. In that spirit, the Center invited all Hams who could show evidence that they held a current license, to enter the center without paying the usual entrance charge. This offer was widely broadcast. One of our Volunteers was fairly sure that he had heard about this offer on a commercial TV station. Quite a few Hams took advantage of that generous offer. But there was more! Two of the Center staff are now licensed [Nick and Joshua]. They came in on their own time in order to experience their first Field Day, and to be available to help if needed. And others came in on Saturday just to be sure that we had everything that we needed from the Science Center, running at top speed for most of Saturday morning. Last minute gremlins always join the fun, even if they have not been invited. It is absolutely accurate to state that the Science Center contribution was the extra cherry on the cake that turned an ordinary event into an extraordinary day for visitors and Volunteers alike. The Amateur community extends a big note of appreciation to the Science Center Staff and Management who helped the Volunteers make this a memorable Field Day. When you visit the Science Center, please remember to extend a few words of appreciation to Center staff members.

There is a downside to all of this cheer. Seriously! Field Day is much more than picnics and contest points. It is one of the main Social events of the Ham year. Many - perhaps most - Ham events are social. That is the way that things get done.

But unlike many other events that Focus on the inner Ham, Field Day is, at the core, preparation to serve the public. A demonstration of the service that Hams are prepared to provide, if and when they are needed - that is at the core of Field Day.

How much planning and effort did we expend to get that message out? Field Day details were sent by QST, well in advance of the actual date. Field Day was the major agenda item at many Ham club meetings.

So - what percentage of our effort went to publicize this day to our potential clients? The people who ultimately stand to benefit from Ham preparation? Emergency services are most effective when those who need it know that it is there, and know how to use it. We seem to neglect that part. The public needs to be better informed about Ham radio if we are to be completely prepared. When an emergency hits, we will not have time to educate the public. So we are only performing some of the requirements by testing our own capacity. Most of the Ham communication is internal. ARRL, for instance, offers some really interesting books. Are they promoted to the non-Ham community to the extent that they deserve?

That is why your faithful scribe entitled this letter "Preaching to the Choir." It is not in anyone's interest to continue to look only into a mirror. We would welcome any comments, and they will be added to the next Newsletter, if the author will permit.

We are still looking for some of those "How I got started in Ham Radio bios!"

73 de W4CIH  
Jean Jolkovski  
[jeanjol@hotmail.com](mailto:jeanjol@hotmail.com)

ADAW



Chris, KG7FEG at the ASC SKYWARN table



Dean, KG7KJX and visitors at W7ASC shack



## Silent Key

The Arizona Amateur Radio Club is saddened by the loss of their member and friend, Dick Thomas, AC7SW. Dick, who was originally a member of the Scottsdale Amateur Radio Club, joined our group about ten years ago. He has been an active member who could be seen at almost every event on our calendar. He was a regular attendee at our monthly breakfasts on Saturday mornings of VE test days, often acting as chauffeur for some members who needed a ride. Note the Tabasco sauce in the photo in front of Dick at one of those breakfasts. That was a must on his menu. We'll miss seeing his hat with that AC7SW call on it. He was everyone's friend.

*No Report This Month.*

**ADAW**



Tom, AD7PM at the 1st floor ASC lobby code table

Dick was not always AC7SW. Prior to earning the Extra Class license Dick held the call KB7BAD. I can't blame him for wanting to change the call, since he certainly was not a BAD kind of guy.

When club activities needed help, Dick was always there. He was a regular ticket seller at our yearly hamfests, and even initiated the idea of having sellers wear signs so they would be recognized and sell more tickets. When Field Day came around Dick was always there helping with set up and tear down as well as operating. He had, of course, been an operator with the Illinois Central Railroad. In his youth he had a key to the depot, and each evening he practiced telegraphy on the Western Union wire, which wasn't very busy at night. As a 16-year-old he was hired by the railroad. In his book Chicken Tommy Dick writes, "It was ego-inflating for 16-year-olds to call themselves telegraphers. There was magic to writing words on paper from the metallic clatter spewing from a telegraph sounder—a cacophony that was meaningless to everyone but another operator." There's no doubt that a love for radio was developing then and continued with Dick into his adult life. The transition from Railroad Morse Code, called American Morse Code, to International Morse Code, used in amateur radio, was a challenge for Dick. He often tuned in to W1AW's code practice in an attempt to succeed in this transition.

Dave, W7PMD prepping for Satellite presentation



Visitors at W7ASC Shack

Another daily amateur radio activity that Dick enjoyed was the morning net which meets regularly using Echolink. Seldom did he miss that daily get together with George, KQ7C, and his group. He also joined the AARC 2-meter net which meets at 7:30 PM on Thursday nights. Bob Hodges, K7JTT, and Joe Cutitta, WØSLL, helped him to get a 2-meter antenna up. Reciprocal assistance is a common event with members of the AARC.

John, WA2IZN, Jean W4CIH, & Nick KG7KRP in W7ASC shack.



Dick was a writer and a historian. I could always count on a quality piece of literature if I asked him for an article for the ADAW. His background was varied and extensive, and amateur radio was high on his list of interests.

--Lori Cripps



loaded with N1MM logging software. By 11:00 A.M. we were ready to start the 24-hour Field Day. The following list includes the participants in the 2014 AARC Field Day:

Gary Hamman, K7GH	Ken Peloquin, N7PHO
Rosemary Kydd, N7PLN	Joe Cutitta, W0SLN
Verdamae Cutitta, KF7UJB	Lori Cripps, WA7EDI
John Adams, K6JWA	Allan Frankel, WA6GUR
Bob Robb, KB7ZAB	Bob Hodges, K7JJT
Larry Penrod, AC7FC	John Kainrath, K7JHK
Earl Woody, KD7ZXU	

“This is W7IO, and we are 3Foxtrot Arizona.” This is the information we transmitted on every contact we made during the 2014 Field Day. What is this 3Foxtrot Arizona? 3F is our class.

Three is the number of stations that W7IO operated during the Field Day, and Foxtrot (F) communicates that we are operating from an EOC (Emergency Operating Center). AZ, of course, is our section or location. Yes, our Field Day operation was not out in the field, but rather it was located in the American Red Cross Building in Phoenix, as it has been for many years. The AARC has worked closely with the American Red Cross; we hold our monthly meetings in their facility and have mutual interests and goals. It is understandable then that we would hold our Field Day at the Red Cross facility. Since this may be a new Field Day concept to some readers, let’s look at how our Field Day operation worked.

Class F Field Day operation allows use of EOC antennas, so we used the EOC antennas on the roof of the building for operation on the 15-20 meter band and the 75-meter band, but late Friday afternoon, the day before the 24-hour Field Day started, AARC members gathered in the Red Cross Building’s parking lot to put up a 40-meter dipole antenna. John, K6JWA, used his bow and arrow to try to shoot one end of the dipole into a nearby palm tree, while Gary, K7GH, held the fishing rod with the rest of the dipole line. Since the line and arrow got caught in the palm fronds instead of landing where we wanted them, we had to change the plans a bit. Instead John was able to shoot one end for the dipole over a street light in the parking lot, and Gary and Bob Robb, KB7ZAB, secured the other end of the dipole to masts which Gary tied to the flagpole outside the Red Cross Building. The coax from the dipole was then fastened to the building itself and we had our 40-meter dipole!

Other Friday night preparation involved bringing the trailer with the emergency generator, along with all the other tools and Field Day equipment. Although we operate from an EOC, the AARC elects to run our generators for the entire period as though we were in the field. This is a generator test to see if they will actually run for 24 consecutive hours including the heat of the day, so our generators had to be fired up and tested and ready to go on Saturday. We also had to run lines from the generators to the three rooms inside the building where we would be operating the various bands, and we had to run coax from the roof antennas and the dipole to the various locations. This advance preparation started about 6:00 P.M. on Friday and lasted into the early hours of Saturday. Obviously working from the EOC was not an easy lark any more than working in the field.

Saturday, after our 7:00 A.M. breakfast, it was setup time for the radios, as well as the computers, which had been pre-

We logged 220 contacts during the 24-hour period: 60 on 20 meters; 101 on 40 meters; and 59 on 75 and 15 meters. Our most distant DX contacts were with the Cook Islands and Melbourne, Australia. At 7:30 A.M. Gary, K7GH, operated as net control for the RACES net which meets every Sunday morning on 3990 MHz. He used the W7IO call, logging about 21 contacts.

During the 24 hours of operation we experienced the camaraderie that Field Day always provides. Radio clubs that don’t do Field Day should think about adding it to their events because FD certainly provides a chance to know your fellow members better and to learn a great deal about ham radio. I watched operators who may never have operated prior to last Saturday. They started out timidly and finished with confidence. I’ll bet they get on the air at home after this experience. I saw radio setups that I have never seen before. How many different ways do you know of to push to talk on a mike? I used one I never knew existed, an unusual hand-held switch in a line between the mike and the transmitter. Do you log with paper and pen? I’m not sure if I will continue to do that or to go to an electronic log, but I have now experienced the N1MM logger program. If you are thinking of buying a new rig, which one will you buy? Hang around a group of hams at Field Day and you will get better reviews of equipment than you may find in QST. Do you think you know your fellow club members? Casual conversations reveal talents, professions, technical knowledge, and generosity that you never knew existed. We all give thanks to Verdamae Cutitta for her culinary talents which, along with my taco salad, kept us all well fed during the twenty-four plus hours. Field Day is a precious experience even if it means a couple hours of sleep on a hard floor or a cot. Try it!!!

Gratefully David Morrill, W7TNT, headed the AARC VE test session that was scheduled for Saturday night so that club members could participate in Field Day. The VE test session produced ten new technician class licensees.

At 11:00 A.M. on Sunday we shut down the stations. Closing down went faster than setup. I have never seen such coordination, and by 12:30 as K7GH drove off with the generator trailer attached to his vehicle, the American Red Cross Building was once again back to normal.

73,  
Lori, WA7EDI  
(602) 955-7517  
[cripps@cybertrails.com](mailto:cripps@cybertrails.com)

**ADAW**





John Adams, K6JWA and Gary Hamman, K7GH send one end of 40-meter dipole into palm tree.



John Adams, w^JWA and Joe Cutitta, W0SLI on 20-meters



Bob Robb, KB7ZAB and Gary Hamman, K7GH attach 40-meter dipole coax to Red Cross building



Ken Peloquin, N7PHO and Allen Frankel, WA6GUR on 15-meters



W7IO Tower and Generator Trailer



Gary Hamman, K7GH on 75-meters

# Old Pueblo Radio Club INTERMOD

## President's Column

OPRC continues with its summer hiatus and will resume its meetings in September.

OPRC has volunteered the use of its 146.66 MHz repeater for a Labor Day event at Saguaro National Park East.

73 de  
Ron Kalish, N7SPW  
President, OPRC



### OPRC Repeaters

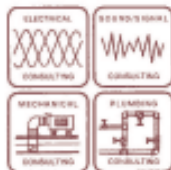
146.66 - PL 110.9	wide coverage	W7GV
146.82 - PL 110.9	wide coverage	W7GV
147.22 - PL 110.9	wide coverage	W7GV

### RACES Repeaters

145.150	packet/wide	N7OEM
146.880 - PL 110.9	wide coverage	N7OEM
147.300 - PL 110.9	wide	N7OEM
448.55 - PL 110.9	wide coverage	N7OEM



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If anyone is considering a major radio shack, workshop, addition or going into business for yourself, I am offering professional Electrical, Mechanical and Plumbing Engineering services to radio club members at a 20% discount for residential property, and 10% discount for commercial property. Talking is always free.

## Event Calendar

12 - 14 September 2014 - **2014 ARRL Southwestern Division Convention** - hosted by SANDARC will be at the Sheraton Four Points Hotel, 8110 Aero Drive in San Diego, CA. Talk-In: 146.32 (PI 107.3). Web Site: <http://sandarc.net/convention2014>. Contact: Paul Rios, KC6QLS at 619.334.0441 (email - [kc6qls@cox.net](mailto:kc6qls@cox.net)).

11 October 2014 - **8th Annual Kingman Hamfest** - hosted by the Mohave Amateur Radio Club will be held in Kingman, AZ. Location to be announced. For more information, contact Bill Smith at 928.303.9857 ([bill021@gmail.com](mailto:bill021@gmail.com)) or Kevin Walsh at 928.514.4237 ([kd7hve@msn.com](mailto:kd7hve@msn.com)). Web Site: <http://k7mpr.net>.

8 November 2014 - **Tucson Hamfest 2014** - hosted by the Oro Valley Amateur Radio Club will be held at Marana Middle School, 11279 West Grier Road in Marana, AZ. Gates open at 7:00 AM (5:00 AM for sellers) and close at 1:00 PM. \$5.00 admission includes a bottle of water and 1 free raffle ticket. Children under 12 and students with school ID are free. Commercial Vendors - \$30.00, Tailgaters - \$10.00 (includes 1 admission ticket). VE Session at 11:00 AM - Interesting Seminars - ARRL Award Card Checking - Great Fun - Great Food - Great Prizes! Web Site: [tucsonhamradio.com/tucson-hamfest](http://tucsonhamradio.com/tucson-hamfest).

15 November 2014 - **HARKFEST Tailgate Hamfest** - hosted by the Hassayampa Amateur Radio Klub will be held at the North Ranch Escapees RV Park, 30625 S Highway 89 in Congress. Hours are 7:00 AM - Noon. Free Admission, Free Tailgating. Registration required - register at [n0daj1950@gmail.com](mailto:n0daj1950@gmail.com). Overnight camping (full hook-up or dry available) - requires pre-registration at [www.escapees.com/parking/congress](http://www.escapees.com/parking/congress). Tailgating permitted at campsite. Free VE testing - 9:00 AM at the Club House. Prizes, Arts & Crafts Show, Lunch available. Talk-In: 146.620 (PI 162.2) or 146.580 (simplex).

10 January 2015 - **Thunderbird Hamfest** - hosted by the Thunderbird Amateur Radio Club will be held at Northwest Community Church, 16615 N 43rd Avenue in Phoenix. Hours are 8:00 AM (Vendors 7:00 AM) to 12:00 Noon. Spaces - \$10 per parking space. Admission - \$2.00 per person. VE testing 10:00 AM until 11:30 AM. Test fee - \$15.00. Door prizes every half hour - Snacks and Beverages will be available. Talk-In 146.700 - 600 KHz (162.2 PL) or 446.150-5 MHz (100 PL). Contact [hamfest@w7tbc.org](mailto:hamfest@w7tbc.org) for more information.

20 - 21 February 2015 - **Yuma Hamfest** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at the Yuma County Fairgrounds, 2520 E 32nd Street in Yuma. Visit web site at [www.yamahamfest.org](http://www.yamahamfest.org) for more information.





*Amateur Radio Development  
Group*

*School's on summer break so no news for  
awhile.*



CHAPTER 16  
BARRY M. GOLDWATER ARIZONA CHAPTER

*No Report This Month.*



The Amateur Radio Development Group at Phoenix Country Day School is looking for donations for their club ham shack. If you can help, please contact one of the club officers listed on page 3. Thanks for your help.



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**SHORT SKIP**

## Prez Says:

This is not the time of year to be doing maintenance on our radio systems but a good time to make a list for cooler times to take care of. Take a few minutes to do a station inspection which should include transmission lines for age and deterioration and a check for loose connections. The sun in our area is murder on coax. It is tough but won't last forever. Lying on the ground amongst the rocks and exposed to gnawing beasts takes its toll and when the coax starts to go south, the next item in the chain suffers: the radio, tuner and other accessories. Connections can become loosened on their own, causing SWR problems and a strain on the transceiver.

Ken Peloquin N7PHO 73s President

## New Members

Michelle Sussman KA5VRR  
Mike Sussman N8NQP  
Michael Millman KG1MDM  
Michael Pastore KE7IIS  
Paul Playford W8AEF  
Roger Thacker KD0MD

Welcome to our new members.

### **Need Computer Help?**

*Computer consultant: in-home tutoring, problem solving, hardware and software installations, virus detection and removal. I am Patient and professional with 30 plus years in the computer field.*

*Call Larry, KE7JXQ  
L.E. Purchase Computer Consultants, Inc.  
1-888-922-9295 or 602-863-0502*

## Test Session Results

At the July 5th session at DeVry – 11 candidates were examined

- 4 Earned Technician Class license
- 5 Earned General Class license
- 2 Earned Extra Class license

VE Liaison - David Morrill N7TWT

VE Team:

Robert Gormley KS7U  
James Skinnell K7EOG  
Dan Ford K2LH  
Michael Richards KI7S

Michael Miner KA7RGW  
Bill Martin AI0D  
Ken Peloquin N7PHO  
Chris Johnson, K6OZY

**ADAW**

**Attention:** We are working on a new roster for the club, one that will have a photo of each member and their call sign. To make this work, it will take an effort on everyone to take part in this

The result will be a series of pages of about 24 photos each with call signs. The pages will be sorted by the call sign. How often have you wondered what face goes with that call? You will be able to just flip to page and see the face that belongs to the call.

Let's get going on this. Send an email with your photo that covers you from your waist to your head. I will crop it to fit the format. My email is Bob Paul at [KG7FIL@arrl.net](mailto:KG7FIL@arrl.net)

**ADAW**

## For Sale

The West Valley Amateur Radio Club has radios and ALL kinds of supplies available for sale through the club. Request a listing from Ted by sending an email to kb5of@cox.net. We get some old equipment that won't sell that will be added to the items for free. Ted Walker, KB5OF

## Future Projects

By Tim, KF7XY

A short note about my repeater on Yarnell Hill.

I had been thinking about a 220 MHz repeater at this site. With the recent interest in emergency communications in the West Valley ARC and particularly between Wickenburg and Sun City West, I realized the need for a 2 meter repeater in the community. I was surprised to find out that there was no amateur radio repeater on Yarnell Hill at all. My adrenaline went into overdrive. I managed to secure permission to install a repeater in one of the few buildings up there. Then I managed to receive a coordination on 2 meters for the frequency pair of 146.62/146.02 MHz. This was a major blessing since there aren't many repeater pairs available in AZ anymore. Then I took inventory of my VHF gear and found I had enough Icom transceivers to make a repeater. I found I had a spare controller all I needed was a duplexer. I found one at DeVry ham fest in April. I bought a Diamond CP22e antenna and I was good to go. With the help of Ted KB5OF, Robert K7RQN, Ken KB6MMF and you plus several trips up the mountain I had the repeater set up and on the air. My plan is to add a 440 MHz sometime in the next year. I probably won't install a 220 MHz now due to lack of space.

ADAW

### **Real Estate**

*Are you or someone you know looking for a Ham Home?  
I can help you find a home with a tower or one where a  
tower can be added. Call or email me to get started.*

*Richard Haworth W7MDQ  
Coldwell Banker Residential Brokerage  
602-370-1450 Cell, [rahaworth@cox.net](mailto:rahaworth@cox.net)*

This is an interesting article from a former Amateur Radio Ham Ken Nollet JO7XVL I found it a very interesting read. 13 June 2014 TIARA (Tokyo International Amateur Radio Association) hosted a presentation from FMU.

It has been years since attending a WVARC meeting or keying up a repeater in the Valley, but I have happy memories of both. At the time, I was based in Minnesota, and periodically visited my parents, who had retired to Sun City West.

Recalling West Valley ARC's public service communication in relation to Palo Verde back then, I revisited your website and was pleased to see that Palo Verde and APS are still part of the club's portfolio. In fact, I took the liberty of mentioning this in a recent presentation to The Tokyo International Amateur Radio Association (TIARA) hosted a presentation by Kenneth Nollet, MD, PhD, entitled, "An Amateur's Perspective on Japan's 3.11 Earthquake, Tsunami, and Nuclear Crisis."

Governments around the world recognize the Amateur Radio Service for its ability to promote international goodwill at all times, and to provide emergency communications in times of crisis, when conventional communication channels are damaged or overloaded. TIARA, founded in 1972, is a forum for Amateur Radio operators of all nationalities who live in Tokyo or have a special interest in Japan. TIARA members from around the world attended in person and via teleconference, with lively Q&A after the presentation.

Dr. Nollet's slides and associated notes from this presentation can be downloaded and printed as-is for personal scholarship and non-commercial educational activities in accordance with "fair use" copyright and other applicable laws. The notes under each slide are close to what was said during the presentation. Material has been added or edited for clarity and to accommodate a broader audience.

Those who are impatient can scroll right to slide/page 26 to see the WVARC attribution. Click here for a version optimized for A4 paper. Click here for a version optimized for US Letter paper.

By: Ken Nollet JO7XVL

ADAW



### **GO KIT EMERGENCY COMMUNICATIONS GEAR IDEAS??**



At our monthly meeting, we had a short presentation on a product by Richard Hayworth W7MDQ which is made by a fellow ham James Cordill KI0BK. And it's made in the U.S.A. It's a Low Loss PWRgate which will allow communications equipment to remain operative on battery power during AC power blackouts. The switching is fast, it's instantaneous at 25 amps. And it's inexpensive. Visit <http://ki0bk.no-ip.com/~pwrgate/LLPG> for more information.

Bob KG7FIL@arrl.net

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denver@hamradio.com

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Gary, N7GJ, Mgr.  
Corner of 43rd Ave. & Peoria  
phoenix@hamradio.com

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atlanta@hamradio.com

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Steve, W4SHG, Mgr.  
Exit 161, I-95, So. to US 1  
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Dave, N1EDU, Mgr.  
Exit 1, I-93;  
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### FT-8800R 2M/440 Mobile

- V+U/V+U+U operation • V+U full duplex • Cross Band repeater function • 50W 2M 35W UHF • 1000+ memory channels • WIRES ready

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### FTM-4000R 2M/440 Mobile

- Color display-green, blue, orange, purple, gray • GPS/APRS • Packet 1200/9600 bd ready • Spectrum scope • Bluetooth • MicroSD slot • 500 mem per band

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### VX-6R 2M/220/440 HT

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New Low Price!

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- 50/144/220/440 • 5W (1W 222 MHz) • Bluetooth optional • Waterproof/submersible (3' for 30 min) • GPS APRS operation optional • Li-ion Hi-capacity battery • Wide band Rx

### FT-60R 2M/440 5W HT

- Wide receiver coverage • AM air band receive • 1000 memory channels w/alpha labels • Huge LCD display • Rugged die-cast, water resistant case • NOAA severe weather alert with alert scan

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**ARRL Southwestern Division Convention 2014**  
**September 12 - 14,**  
**2014 Special Event Station Call "N6S"**



**Key Note Speaker 2014 Convention**  
**Ward Silver, NOAX**  
**Author of:**



**Highlights**

- Tech Forums
- Amateur Radio Testing
- Vendors
- Swap meet



**The 2014 Convention is at the Sheraton Four Points San Diego 8110 Aero Dr.**

Located on Aero Drive near the Montgomery Field airport which is the Same location of the 2010 Convention.

Ticket prices will be listed starting as "early bird", "pre-registration" and "door price." Please check for the upcoming dates. Our convention will feature tech forums, vendor's exhibits, on site radio station, grand banquet, flea market and many more activities. Check this site often to get the latest news regarding our ongoing convention events.

We Plan to have over \$5000.00 in Prizes...



**Main Prize ICOM IC-7600**

# Tucson Hamfest 2014



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

**November 8, 2014**

**Marana Middle School**

**11279 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 and 1 free raffle ticket.  
Children under 12 admitted free.

**Students free with any  
school ID**

**Commercial Vendors \$30.00**

**Tailgaters \$10.00** includes 1

**Great Fun!**

**Great Food Truck!**

**Great Raffle Prizes!**

**VE Session @ 11:00 AM**

**Interesting Seminars!**

Topics TBD

**ARRL Award Card Checking!**

Directions to Marana Middle School - Talk in on the [QVARC Repeater System](#)







ARRL Card Checking

# HARKFEST Tailgate Hamfest

Presented by HARK (Hassayampa Amateur Radio Klub)

Sponsored by RFStuff

**Nov. 15, 2014**

**7 am - noon**

**North Ranch Escapees RV Park**

**30625 S. HWY 89, Congress, AZ 85332**

**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

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

**Main Prizes: Grand Prize, Kenwood TM-V71A Dual Band Transceiver**

**Second Prize, Yaesu FT-60R Dual Band H/T**

**Third Prize, Tram 1480 8ft Dual Band Antenna**

(donated by RFStuff)

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

**Door Prizes**

**Vendors**

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

**Arts & Crafts show(Activity Center) 9 am - 2 pm**

**Lunch available, served by the "North Ranch Busy Bakers"  
(beginning at 10:30 am)**



# ***Thunderbird Hamfest 2015***

**Saturday, January 10, 2015**

**Outside - Tailgating**

**Thunderbird Amateur Radio Club, ARRL  
and Amateur Radio Council of Arizona will host**

## **Location:**

Northwest Community Church  
16615 N. 43rd Ave  
Phoenix, AZ 85053

(Just south of Bell Road on the East side of 43rd Ave.)

## **Date:**

Saturday January 10, 2015

## **Time:**

Open to Vendors at 7:00 AM

Open to Public from 8:00 AM to 12:00 Noon

Commercial Vendors can set up Friday night after 5:00 PM

**Vendors must supply their own tables**

## **Cost:**

Vendor: \$10.00 per Parking Spot

General Admission: \$2.00 per person

## **Additional info:**

- Door Prizes will be given away on the half hour beginning at 9:00 AM
- VE Testing on-site in Classroom E110 from 10:00 AM to 11:30 AM. Exam Fee \$15.00
- Talk-in on 146.700 -600 KHz, 162.2 PL or 446.150 -5 MHz, 100 PL.
- **No Firearms, Alcohol or Drugs Permitted**
- Please park in designated areas only
- **Snacks and beverages will be available for purchase on site**

[hamfest@w7tbc.org](mailto:hamfest@w7tbc.org)

# ***2015 Arizona Section Convention***

## ***Yuma Hamfest***

***Yuma, Arizona***

***Feb. 20 & 21, 2015***



Yuma County Fairgrounds  
2520 East 32<sup>nd</sup> Street, Yuma, Arizona

***[www.yumahamfest.org](http://www.yumahamfest.org)***

Check the Website for Additional Information

Gates Open for Camping Thursday, 2 pm Vendor Setup Friday, 7 am - Noon	Event Hours Friday, Noon - 5 pm Saturday, 8 am - 5 pm	Hamfest Dinner & Grand Prize Drawing Saturday Night 6:00 - 8:00 pm
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**Vendors & Exhibitors**  
**Consignment Sales**  
**License Testing**  
**Hourly Door Prizes**  
**On-site RV Camping**  
**Hamfest Dinner**  
**ARRL Speaker**  
**Transmitter Hunt**  
**\$5.00 Admission**

**Tailgating (Swap Meet)**  
**Full Seminar Schedule**  
**DXCC Card Checking**  
**Incredible Grand Prizes**  
**Emergency Preparedness**  
**Admission Prize**  
**Hospitality Area**  
**Near Space Balloon Launch**  
**Antenna Clinic**

Hamfest Talk-In Frequency: 146.840 (-) PL 88.5 Hz

Email Contact: ***info@yumahamfest.org***



We are proud to have the Amateur Radio Council of Arizona (ARCA) as a sponsor of our event.

The Yuma Hamfest is an American Radio Relay League (ARRL) sanctioned event.



Presented by the Yuma Amateur Radio Hamfest Organization