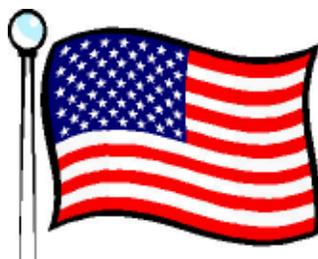
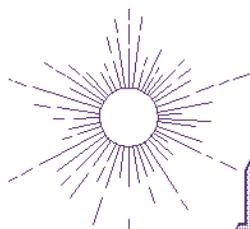


**ADAW**  
4529 W. Park Place  
Glendale, AZ 85306-1512



*Happy Labor Day!*



**ADAW**

**Arizona Desert Aire Waves**

Vol 37, No 9

September 2012

**CLUB MEETINGS SCHEDULE**

**SARC**  
Sep 5th  
Scottsdale Senior Center  
7:00 PM

**AARC**  
Sep 13th  
Red Cross Bldg. - Phx  
7:30 PM

**OPRC**  
Sep 12th  
Marshall Conference Ctr  
at Tucson Medical Ctr  
7:15 PM

**CARL**  
TBA  
AZ Science Center  
TBA

**QCWA**  
Sep 29th  
Monti's La Casa Vieja  
Tempe  
12:00 PM

**TBARC**  
Sep 20th  
Thunderbird School  
of Global Mgmt  
7:00 PM

**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.**

# 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	
Secretary	Leslie Hickey	N5LDH	602.246.4303
Treasurer	Bob Hodges	K7JJT	602.274.1647
Red Cross Liason	Larry Penrod	AC7FC	602.955.0349
ARCA Liason	Dick Baum	NS7A	602.870.1135
Membership	Bob Hodges	K7JJT	602.274.1647

AARC c/o Bob Hodges, K7JJT, 1432 E Colter St., Phoenix, AZ 85014-3011. 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 Burleson	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 Burleson, KG7QJ at 480.961.1109. Web Site: <http://www.w7asc.org>

## ADAW STAFF

### PUBLISHER/EDITOR

Christine Kesauer N7PVL 602.843.0960

### AARC EDITOR

Lori Cripps WA7EDI 602.955.7517

### SARC EDITOR

Ed Nickerson WU7S 480.949.5162

### CARL EDITOR

Jean Jolkovski W4CIH

### OPRC EDITOR

Ron Kalish N7SPW 520.207.3852

### QCWA EDITOR

Robert McCuskey W7BV [mccuskey@email.arizona.edu](mailto:mccuskey@email.arizona.edu)

### TBARC EDITOR

Rick Tejera K7TEJ

### DISTRIBUTION

Mark Kesauer N7KKQ 602.843.0960

### ADAW EMAIL

[adawaz@arca-az.org](mailto:adawaz@arca-az.org)

### ADAW WEB SITE

[www.adaw.org](http://www.adaw.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/.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	Tom Barry	W7UF	480.998.8494
Past President	Paul Finell	W7EFQ	602.741.6563
Board Members	Jerry Jacques	KE7GYM	480.239.8679
At-Large	Dreux Jacques	W7EMU	
	Louis Schmitt	NQ7I	
	Alan Jensen	KE7FSD	
	Judy Jensen	KE7IXI	
	Stephen Thomas	KE7TLS	
	James Wasson	N7ELL	
	David Yee	N7AJR	

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.

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

## 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	motoman1@aol.com
Vice President		
Sec/Treasurer	Robert McCuskey, W7BV	mccuskey@email.arizona.edu
Webmaster	Robert Smith, WB6ODR	lrsmith@cableone.net

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>

## 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	Walt Reinert	N7GDP	602.938.8219
Vice President	Peter Decker	K7IJR	602.564.6684
Secretary	Jack York	KE7VOU	602.318.7530
Treasurer	Al Johnson	AE7GM	623.980.5853
Directors:	Ken Croxton	KD7OWZ	
	Israel Vincente	AD7ND	
	Rick Tejera	K7TEJ	
Past President	Jim Puza	AE7JP	

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.



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[pineberryboutique@me.com](mailto:pineberryboutique@me.com) or [pineberrycreations@me.com](mailto:pineberrycreations@me.com)

## From the Editor's Desk

Greetings.

Fall is almost here and the monsoon is nearly over. Guess it's not going to give up its hold all that easily though judging from the torrential rain we've received the last couple of nights here in the Phoenix valley. Naturally, it all happens at night when you're trying to sleep.

Another ARCA/Williams Hamfest has gone into the history books. Everyone I talked with enjoyed themselves. It did rain on Saturday late morning, but for the most part the weather was great. There were vendors galore and the DX Store was present with lots of new radios for purchase. All in all, it was a good event.

There are a couple of hamfests coming up. On September 8, the Mohave Amateur Radio Club will host FallFest at Centennial Park in Kingman. The event is a great way to get out of the valley for a weekend and it's proximity to Laughlin makes it even more desirable. Why not make it a weekend getaway? Stay in Laughlin (cheap hotel rates & lots of stuff to do), visit the hamfest on Saturday, and go back to Laughlin for some more R&R. Check it out.

The next event is a new one to be held on October 6 at the Marana Regional Airport in Marana (just off I-17 at Avra Valley Road). The Tucson Hamfest and Fly-In is being hosted by the Oro Valley Amateur Radio Club and the Old Pueblo Radio Club. It promises to be a great event with lots of vendors of both old and new equipment. Check the Event Calendar on page 7 for more details and contact information.

We're already adding events to the 2013 Calendar, so if you know of any, please send us an email so it can be included. Advertising is the key to any event. Get the word out so more people will know about your event and more will attend.

ADAW will also include event flyers to our email recipients (and to our USPS list if space permits), so send those also. ADAW's email address is [adawaz@arca-az.org](mailto:adawaz@arca-az.org). Attach the flyer file to the email and we'll take it from there.

Last month we published an article from Bil Munsil, K1ATV entitled "What is ATV." It was a very informative article and helped to explain a little about what ATV is, its history, and what is needed to get "on-the-air" with it. Thanks for your contribution, Bil.

If you are, or someone you know is, involved in an aspect of our hobby that you would be willing to share, please let us know. We are always looking for informative, interesting articles for the pages of ADAW and will be happy to include your article. It's easy. Just send an email to [adawaz@arca-az.org](mailto:adawaz@arca-az.org) and attach the file. Looking forward to hearing from you!

Enjoy this month's ADAW. "See" you next month.

73,  
Chris, N7PVL

**ADAW**

## 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, or locations may change. Call test session contact to confirm information. Walk-ins are permitted unless otherwise specified.

## September Test Sessions

### Sep 1st - Kachina ARC -- 9:00 AM

Linden Fire Department, 6884 AZ Highway 260, Show Low  
Contact - Patrick Sipes 928.242.9757

### Sep 2nd - OVARC -- 10:00 AM

Oro Valley Police Sub-Station, 1920 E Tangerine Rd, Oro Valley  
Contact - Randy Malick 520.247.9999

### Sep 6th - CARBA -- 7:00 PM

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

### Sep 8th - Yuma ARC -- 9:00 AM

Yuma County Sheriff Office, 141 S 3rd Ave, Yuma  
Contact - Robert Spencer 928.941.7069  
No Walk-Ins - Must Pre-Register

### Sep 9th - Rim Country ARC -- 1:00 PM

Herber/Overgaard Fire Dept, 2061 Lumber Valley Rd, Overgaard  
Contact - Jerry Wyatt 602.509.8471  
No Walk-Ins - Must Pre-Register - [ve@n7qvu.com](mailto:ve@n7qvu.com)

### Sep 10th - Radio Society of Tucson -- 7:00 PM

Hardesty Multi-Service Ctr, 1100 S Alvernon Way, Tucson  
Contact - Diane Zimmerman 520.219.0452

### Sep 15th - Catalina Radio Club -- 9:00 AM

Jacob's Park YMCA, 1010 W Lind St, Tucson  
Contact - Frederic Hill 520.403.1893  
Pre-Registration Preferred

### Sep 17th - East Valley VE Team -- 6:00 PM

City of Mesa Bldg, 640 N Mesa Dr, Mesa  
Contact - Steve Gurley 480.704.3666

### Sep 18th - Boy Scout Troop 127 -- 8:00 PM

St Francis Xavier School, 4715 N Central Ave, Phoenix  
Contact - John Kelly 602.264.6854

### Sep 22nd - 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 Nite

## Public Service Calendar

EVENT	LOCATION	DATE
Special Olympics Sprint & Unified Triathlon	DC Ranch Village Health N. Scottsdale	09/08/12
American Diabetes Assoc Walk	N Central Phoenix	10/06/12
Walk for Hope	Phoenix Zoo	10/07/12
Xterra Trail Run - Estrella	Estrella Mtn Track	10/07/12
Cactus Cha-Cha	White Tanks Mtn Park	10/13/12
Tour de Scottsdale	Scottsdale/Rio Verde	10/14/12
Tour de Paradise	Phoenix/Paradise Valley	10/20/12
YMCA Half Marathon	South Mtn Park	10/27/12
Javalina Jundred	McDowel Mtn Park	10/27-28/12
Heart of AZ Bike Race	Congress	11/03/12
Cave Creek Mtn Bike Ride	Cave Creek Area	11/10/12
Fiesta Bowl Half Marathon	Scottsdale Civic Plaza	12/02/12
Runner's Den 10K	East Phoenix / Paradise Valley Mall	02/10/13
Ragnar Relay	Wickenburg to Tempe	02/22/13
Mesquite Canyon 50 K	Trail Run White Tanks	03/23/13
Cave Creek Trail Run	Cave Creek	03/30/13
March of Dimes Walk for Babies	Wesley-Bolin Park, Downtown Phoenix	04/13/13

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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W7GNE

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(480) 945-7020 (FAX)

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.

## SCOTTSDALE AMATEUR RADIO CLUB, INC.



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

Hi Guys,

Well, here it is, the end of summer. We can look forward to cooler evenings and slightly lower daytime temperatures. I know you're thinking that I am being overly optimistic, but that's the way I am. The first day of the Fall season is on the 22nd, so it will be cooling off by then. The reason I mention this is because with cooler days we can get out and walk again. I took a long walk the other day when it was overcast, but the humidity was just awful. So, I am going to wait for the cooler days to come.

We had a terrific program at the August general meeting. Terry Cross, NK7T, gave a great presentation on PSK-31. This is an updated packet mode, but with the free software it is very impressive. I am going to look into this. I googled PSK-31 and found a ton of info. There is interface equipment you can home brew and free software so how can you go wrong. I will let you know how this develops.

The program for the September general meeting will be a presentation by Carl Foster, KE7AZ, on antennas. This will be a great help to a lot of new hams, and a lot of us old timers can always use a refresher course on antennas.

For those of you who like HF, there has been some good news regarding sun spots and the solar index. But all you have to do is listen on 20 meters to know that they are up. I have worked more DX in August than I have worked all year. Europe has been coming in strong almost every night. Best of all, when I answer a QRZ or CQ the dx station comes right back to me. Some have even said things like Big Signal and UR 20 over. I like to hear that. I am only using 100 watts. On August 4th and 5th, there was the North American QSO Party. I worked for a while on 20 meters and worked stations from coast to coast. Great fun! Of course, I like to use CW, but I also did some side band work on Saturday. Again it was on 20 meters, but the band was full of stations to work. Hopefully, this will continue through the rest of the year, and I for one am going to enjoy it.

Schools are in full swing again after a long summer vacation. Our grand kids are grumbling a bit, but that is to be expected. Our grand daughter Brandi was actually looking forward to school for a change. She is a sixth grader now and has been working on her reading this summer so she is ready for school. I really get a kick out of her whenever she is at our house. Nothing makes you feel younger more than watching the grand kids. They are in constant motion and never seem to get tired.

Speaking of getting tired, Bonnie and I have signed up for a Tai Chi class. This is supposed to limber us up and help calm

our jangled nerves thru meditation. I don't think I have "jangled nerves," but I do read the newspaper and maybe that can cause something. Anyway, the first thing I did is throw out my left shoulder and overstress my left knee. But they will both get better and I will be stronger for the effort. It is surprising how this helps with my balance. I can tell it has been helping me a lot.

How about those Olympics? I have not been spending a lot of time watching them, but what I have seen has been terrific. Of course, the news and computer highlight the best events and watching the dedication and athletic prowess of the athletes is really something. The records they set and then reset is mind boggling. I have seen segments of the last 10 or more Olympic events and every time they excel and exceed everyone's expectations. One of these years I would like to travel to wherever they are being held and experience them first hand. If any of you went to London, let me know. We would love to hear about your trip.

Don't forget about our Tuesday night net at 7:00 P.M. on the 147.18 / PL 162.2 or 440 / PL 100.

Well, that is all I have for now. Until next month, keep on hamming, be well and enjoy life.

73,

Ed, WU7S

enickerson427@aol.com

ADAW

### SARC CONSTANTS:

**SARC is a 501 (c)-3 club. That means all donations are fully tax deductible. Contact Paul Finnell, 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.**





I'd never even consider missing a Williams Hamfest! Neither should you. 2012 Williams is now history. It was a success, of course, and we salute the ARCA staff for making the event run so smoothly. Most hams relish the swap meet aspect, which is excellent, of course. I enjoy the seminars, the camaraderie, the barbecue, and being in cool Williams. The sessions we attended were informative. Bob Hollister, N7INK, made us aware of the part played by All-Hazards Communications Unit Leader (COML) and All-Hazards Communications Technician (COMT) in the EMCOM (Disaster/Emergency Communications Notification System). Lee Ilse, KD7OED, and Grant Hays, WB6OTS, presented a National Traffic System Seminar, which was also very informative. The chance to renew acquaintances was a treasure, as was seeing innovative mobile antenna setups like that of Bill Hickey, AB7AA.

What does cool Williams have to offer besides the hamfest? We know about the train to the Grand Canyon, of course, but this year we found a new place of interest, the Bearizona. We began with a 2-mile drive-through section where we saw bears, wolves, and other animals up close in an open environment. The second part was a walkthrough and petting zoo section with bear cubs and porcupines (no petting of porcupines obviously.) Finally we attended a bird show in which several of the staff members talked about different birds of prey, and the birds swooped across the crowd to grab snacks on the other side. We also saw the trained crows which took dollar bills out of people's hands and put them into a donation box.

The AARC Thursday night 2-meter net has had some out-of-state visitors lately. Thanks to Echolink, KD8SUI, Cameron Thurston from Saint Helen, Michigan has been joining us regularly. We welcome visitors to the net which meets at 147.060 MHz at 7:30 P.M. every Thursday except the second Thursday of the month (our club meeting night).

Our August meeting found us exploring amateur radio acronyms, some of them from a list of 700+ amateur radio acronyms that Google found for me. ARRL is not the Amateur Radio Relay League by the way, and SSN, besides being Social Security Number, is Sun Spot Numbers. Some of the acronyms led to discussion. RACES, ARES, ATEN, and SATERN all relate to emergency services, and Gary, K7GH, was able to elaborate on some of the differences between

them. So, see how many of these acronyms you can identify:

ARCA, LOTW, SNR, WAC, DPSK, EMI, LFO, VCO, VOX, CFL, LED, DDS, MMIC, DSP, AGC, IMD, GPS, VEC, APRS, NCS, SM, PSK 31, IARU, SDR, RG (as in RG-8), FRS, GMRS

The August meeting also found members stationed with UHF HT's in hand at various locations in the American Red Cross building. Because of a request made by the Red Cross administration, we were using 446.500 to conduct tests to determine which hand-held radios would give coverage of the property.

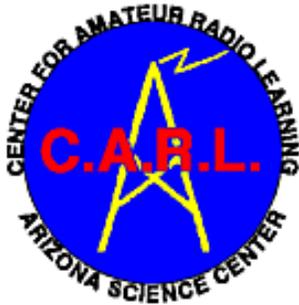
73,  
Lori, WA7EDI  
cripps@cybertrails.com  
602-955-7517



*Bob Hollister, N7INK*



*Grant Hays, WB6OTS explains advantages of NTS Digital*



*No Report Received. ed.*

**ADAW**



*Bill Hickey, AB7AA's innovative antenna system*



*Gary Hamman, K7GH uses spectrum analyzer to evaluate an HT*

## Event Calendar

8 September 2012 - **FallFest 2012** - hosted by the Mohave Amateur Radio Club will be held at Centennial Park, 3333 Harrison Street in Kingman. Event begins at 7:00 AM and lasts til the last person leaves. Food will be available. VE Testing will be held at 11:00 AM. Door prizes and grand prizes. Talk-In 147.240+ PL 123 and 448.550+ PL 123. For more information, visit [www.kingmanhamfest.com](http://www.kingmanhamfest.com) or contact Bill Smith (928.303.9857) or Kevin Walsh (928.514.4237).

6 October 2012 - **Tucson Hamfest & Fly-In** - hosted by the Oro Valley Amateur Radio Club and the Old Pueblo Radio Club will be held at the Marana Regional Airport, 11700 W Avra Valley Road (Just off I-10 & Avra Valley Rd) in Marana. Hours are from 7:00 AM until 1:00 PM. Talk-In: 146.620(-) PI 156.7 or 441.100(+) PI 156.7. Vendor spaces are \$5.00 each - Admission \$1.00. Flea market, major vendors, food, drink, prizes, VE testing and more. Visit the website at [www.tucsonhamfest.com](http://www.tucsonhamfest.com) or call toll-free, 1.800.909.0031 for more information.

December 2012 - **Superstition Hamfest**

12 January 2013 - **Thunderbird Hamfest** - hosted by the Thunderbird Amateur Radio Club will be held at the Northwest Community Church, 16615 N 43rd Avenue in Phoenix. Hours are 7:00 AM until noon with vendor set up beginning at 5:30 AM. \$10 per parking spot to vendors. General Admission Donation is \$2 per person. VE test session from 10:00 AM to 11:30 AM. Door prizes every half hour. Snacks and beverages available. Talk-In on 146.700 -600 (PI 162.2) or 446.150 -5 (PI 100). Web Site: [www.w7tbc.org](http://www.w7tbc.org). For questions, send email to [hamfest@w7tbc.org](mailto:hamfest@w7tbc.org).

15 - 16 February 2013 - **2013 Arizona State Convention/Yuma Hamfest** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at Yuma County Fairgrounds, 2520 E 32nd Street in Yuma. Hours are Friday, 12:00 noon til 5:00 PM - Saturday, 8:00 AM til 5:00 PM. Barbecue dinner and prize drawings Saturday evening, 6:00 PM til 8:00 PM. Talk-In frequency: 146.840 (-) PL 85.5 Hz. Visit [www.yumahamfest.org](http://www.yumahamfest.org) for details. Contact email: [info@yumahamfest.org](mailto:info@yumahamfest.org).

1 June 2013 - **11th Annual White Mountain Hamfest** - hosted by the Kachina Amateur Radio Club will be held at Show Low City Hall, 180 N 9th Street in Show Low. Hours are 8:00 AM til 12:00 PM. Hourly and Grand Prizes, Displays and Arts & Crafts will be available. Admission is free, Vendors/Tailgaters are \$5.00 per space. Free Dry Cmaping on Firday, May 31, 2013 after 5:30 PM. VE session begins at 9:00 AM and Walk-Ins are Welcome. Talk-In on 145.310 PL 110.9. Contact Jim Mortensen at [w7azy@arrl.net](mailto:w7azy@arrl.net) for information. Web site is [www.kachina-arc.org](http://www.kachina-arc.org).

19 - 21 July 2013 - **ARCA/Williams Hamfest** - hosted by the Amateur Radio Council of Arizona will be held at the Williams Rodeo Grounds, 800 Rodeo Road in Williams. Planning is already underway for this event. Watch for details as they become available. Web Site: [www.arca-az.org](http://www.arca-az.org).



### The Great Paper Chase

One of the great things about ham radio is the diversity of things you can do with it. From phone to digital to satellites on the operating side to homebrewing and experimenting on the technical side, there is something here for pretty much all tastes. Not being a whiz with a soldering iron (my Dad used to call me “Cold Joint”), my interests lie in operations. While I enjoy phone, antenna restrictions tend to limit my ability to get out on the phone segments, so I operate mostly on the digital modes. I’ve found the digi modes fun to work and forgiving of less than optimal antenna installations. As with everything, there are plenty of ways to enjoy digital operating. I mainly use PSK31 & JT65, though my log has its share of contacts on RTTY, Olivia (come to the September meeting to hear Jack York, KE7VOU, talk about Olivia.), Contestia and even got my first Feld Hell contact the other day with VE7PX. Getting your shack set up for the digi modes is not that difficult, nor is it expensive.

That being said, for someone like me, I need some kind of tangible goal to keep me motivated. Operating for operating sake with me will get old fast, so how to keep the interest there? Answer: Wallpaper. Operating toward an award gives me a tangible goal and also helps me hone my operating skills. There are plenty of awards to keep an operator busy chasing paper for quite some time. This month I finally earned my Worked All States awards. Yes “Awards.” My shack now has the ARRL WAS Basic, Digital and Digital-JT65, along with the eQSL, eWAS Mixed & eWAS JT65. Sounds like I’ve run the gamut on WAS? Nope, still working toward the PSK31 & 20 meter endorsements. There’s plenty to do after that. And that’s just WAS. I’m also approaching the CQ PX prefix award and the TARA Grid Award.

OK, paper chasing not for you? Have you tried contesting? I finally gave it a try on a lark. I was up early on Saturday, 4 August and got on the air on 20m PSK. I noticed people calling “CQ GRID DIP” and “CQ TEST.” Figuring it was a contest, I looked it up and saw it was a fairly casual contest and the rules were pretty simple, so I created a few macros for the CQ & Exchanges and went at it. I was able to submit logs for both PSK & RTTY. The final results aren’t in yet, but I’m sitting at 7th of 9 on PSK and way down near the bottom on RTTY. Pretty much what I expected, but enjoyable all the same.

So I guess the bottom line is if your motivation to get on the

air is waning, look for something to work toward, whether it be wallpaper or contesting or even just trying a new operating mode. You may just well find a new way to enjoy radio.

OK, Some Club Stuff: First up, preparations for the Thunderbird Hamfest are well under way, the venue is secured (same place as last year, the Northwest Christian Church at 43rd Ave. & Bell Rd.), ARCA sponsorship is in place. We do need, however, someone to step up and chair the Hamfest committee to keep things on track and organize the logistics of the event. If you would like to help out, please let Walt know. (If he doesn’t get to you first, Hi Hi)

Also, our Education Chair, Jack Lundsford KC7RCJ will soon be a resident of Flagstaff. As such he will need some local help in organizing and running the education classes. A new class is being planned for the fall; so again, contact Jack if you’d be willing to assist in organizing the classes.

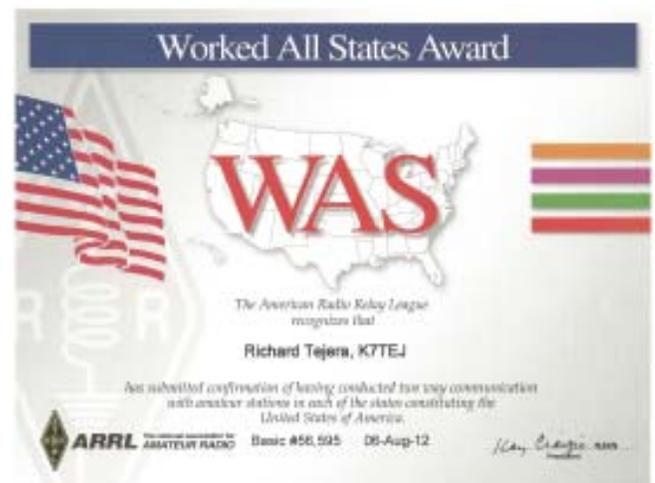
We’re still working to get the Digital Workshop organized. Chris K6OZY was out of town a bit more than he expected the past month, so it’s been kind of side tracked. Hopefully we’ll get it back on track. Once things are set, notice will be posted on the website.

Speaking of the website, have you registered yet? If not, please do so as the web will soon be the main means of notification of Club events & news. If you don’t register, you’ll no longer receive meeting announcements and meeting minutes, all of which are available on the member’s only section of the website.

Well that’s all for now, see you on the waterfall,

73,  
Rick, K7TEJ

**ADAW**



## Want Ads

**Wanted** - Rohn 25/45 gin pole.

Contact Ray, W7GNE - Home: 480.998.1893



**CHAPTER 16**

**BARRY M. GOLDWATER ARIZONA CHAPTER**

The next meeting of the AZ Chapter QCWA will be on Saturday, September 29th at Monti's La Casa Vieja in Tempe. Our guest speaker will be Ned Sterns, AA7A, whose talk is entitled, "EL2A 2011 – Team Fiberglass."

Ned is a well-known DXer and a member of the VooDoo Contest group. The VooDoo Contest Group has traveled throughout West Africa operating in the CQWW DX CW contest consecutively for the past 17 years. Due to recent changes in airline baggage limitations, the group has adopted some innovative antenna designs and portable antenna supports that help to produce a highly competitive station that is carried in their checked luggage. In 2011, a last-second scramble to assemble a team and a set of contest stations was highly successful in the worldwide competition. The team is currently preparing for a return to Monrovia, Liberia in November 2012 where possibly the last VooDoo Contest Group activity in West Africa will take place. You are invited to sit back and watch how the VooDudes put in a gutsy performance to place 5th in the world in 2011 using a station that weighed only 200 pounds.

As usual, we will gather between 11:00 A.M. and 12:00 noon, have lunch at 12:00 noon, followed by the speaker's presentation and the official annual business meeting.

73,  
 Bob McCuskey, W7BV  
 Sec./Treas., QCWA -AZ Chapter  
 mccuskey@email.arizona.edu



# Old Pueblo Radio Club INTERMOD

## President's Column

Fall is around the corner. Although the thermometer is showing record temperatures, a sure sign of the new season is that our meetings will resume on Wednesday, 12 September at 19:15 hrs. at Tucson Medical Center. I will try to provide talk-in service on the club's repeater at 146.66 MHz (pl 110.9, neg. offset).

Ron Kalish, N7SPW  
 President, OPRC



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 (800) 854-6046  
 Jon, K6WV, Mgr.  
 So. from Hwy. 101  
 sunnyvale@hamradio.com

**NEW CASTLE, DE**  
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 1509 N. Dupont Hwy., 19720  
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 (800) 844-4476  
 Jen, KJ3N, Mgr.  
 Rt. 13 1/4 mi. So. I-295  
 newcastle@hamradio.com

**PORTLAND, OR**  
 11705 S.W. Pacific Hwy.  
 97223  
 (503) 598-0555  
 (800) 854-6046  
 Leon, W7AD, Mgr.  
 Tigard-99W exit from Hwy. 5 & 217  
 portland@hamradio.com

**DENVER, CO**  
 8400 E. 81st Ave. #9, 80231  
 (303) 745-7373  
 (800) 444-9476  
 John, W8IG, Mgr.  
 denver@hamradio.com

## NEW LOCATION!

**PHOENIX, AZ**  
 10613 N. 43rd Ave., 85029  
 (602) 242-3515  
 (800) 444-9476  
 Gary, N7GJ, Mgr.  
 Corner of 43rd Ave & Peoria  
 phoenix@hamradio.com

**ATLANTA, GA**  
 6071 Buford Hwy., 30340  
 (770) 263-0700  
 (800) 444-7827  
 Mark, KJ4VD, Mgr.  
 Doraville, 1 mi. no. of I-285  
 atlanta@hamradio.com

**WOODBRIIDGE, VA**  
 (Near Washington D.C.)  
 14803 Build America Dr. 22191  
 (703) 643-1063  
 (800) 444-4799  
 Steve, W4SHG, Mgr.  
 Exit 161, I-95, So. to US 1  
 woodbridge@hamradio.com

**SALEM, NH**  
 (Near Boston)  
 224 N. Broadway, 03079  
 (603) 898-3750  
 (800) 444-6047  
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- 100W HF/6M
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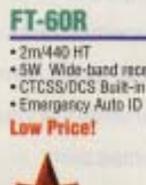
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- 1000 Memory channels
- AA Battery compatible w/Optional FBA-37

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- CTCSS/DCS Built-in
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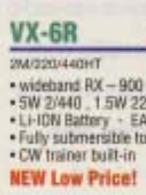
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### VX-7R/VX-7R Black

- 50/2M/220/440 HT
- Wideband RX - 900 Memories
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- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

Now available in Black!



### VX-6R

- 2M/220/440HT
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- 5W 2/440, 1.5W 220 Mhz TX
- Li-Ion Battery - EAI system
- Fully submersible to 3 ft.
- CW trainer built-in

NEW Low Price!



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- 50/144/222/440 Handheld
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- Bluetooth optional
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- DSP included • 32 color display
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- 50w 2m, 45w on 440mhz
- Weather Alert
- 1000+ Mems
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# FallFest 2012

## 5th Annual

### Saturday, September 8, 2012

Centennial Park in Kingman, AZ  
3333 Harrison St, (Across from the Public library)  
At 7:00 AM Until ??

For More Information Visit [www.kingmanhamfest.com](http://www.kingmanhamfest.com)  
Or Contact

Bill Smith - 928.303.9857 (Email: [bill1021@gmail.com](mailto:bill1021@gmail.com)) or  
Kevin Walsh - 928.514.4237 (Email: [kd7hve@msn.com](mailto:kd7hve@msn.com))

There will be Door Prizes as well as a Grand Prize drawing  
Food will be available.

We will have VE Testing at 11:00 AM

This event is sponsored by



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440 - 448.550 PL Tone 123.0 + Offset

# TBARC

## Technician/General Class

### License and Upgrade Course

**Saturdays Sept 22 thru November 17**

**Thunderbird School of Global Management  
59<sup>th</sup> Ave & Greenway, Glendale, Arizona**

The course will cover all you need to know to pass your Technician Class exam and/or upgrade to General Class. We will meet each Saturday morning for 8 sessions from 9:00 AM till Noon and the 9<sup>th</sup> session will be VE test day. You can become a licensed Technician or General Class operator in just 9 weeks.

Required Text for the course ARRL Ham Radio License Manual Level 1 Technician, second edition and ARRL General Class License Manual Level 2 General, seventh edition. Both are available from ARRL (regular price) or HRO Phoenix at a discounted price. Just mention you are taking this course. Fee for the course is \$10.00 which includes club membership for 2012. The exam fee is currently \$15.00.

Register for the course at [www.w7tbc.org/edu](http://www.w7tbc.org/edu) . Course fee and registration due by Sep 15, 2012, course is subject to cancelation if less than 6 students are registered. Don't miss out, register today.

Jack Lunsford, KD7RCJ, chief instructor  
[j.lunsford@q.com](mailto:j.lunsford@q.com) 928 526 9581

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# ***Thunderbird Hamfest 2013***

**Saturday, January 12, 2013**

**Outside - tailgating permitted!**

**THUNDERBIRD Amateur Radio Club  
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 12, 2013

## **Time:**

Open to Vendors at 5:30 AM

Open to Public from 7:00 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 8:00 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)

# **2013 Arizona State Convention**

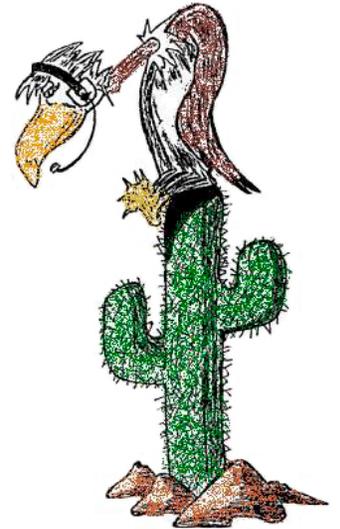
**9<sup>th</sup> Annual**

## **Yuma Hamfest**

**Yuma, Arizona**

**Feb. 15 & 16, 2013**

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  
and a Current Schedule of Activities and Seminars

Gates Open for Camping Thursday, 2 pm Vendor Setup Friday, 7 am - Noon	Event Hours Friday, Noon - 5 pm Saturday, 8 am - 5 pm	Buzzard BBQ & 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**  
**Famous Buzzard BBQ**  
**ARRL Speaker**  
**\$5.00 Admission**

**Tailgating (Swap Meet)**  
**Full Seminar Schedule**  
**DXCC Card Checking**  
**Incredible Grand Prizes**  
**Emergency Preparedness**  
**Admission Prize**  
**Hospitality Area**  
**Antenna Clinic & T-Hunt**

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

Email Contact: [info@yumahamfest.org](mailto: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

# 11TH ANNUAL WHITE MOUNTAIN HAMFEST

JUNE 1, 2013

## Free Admission!

Vendors / Tailgaters  
(\$5.00 per space)

Free dry camping on Friday  
May 31, 2013 (after 5:30 pm)

**Talk In: 145.310 PL110.9**

Show Low City Hall  
180 N 9th Street  
Show Low, AZ



8:00 am – 12:00 pm

- Prizes
- Displays
- Arts & Crafts

**Grand Prize Drawing**  
Tickets \$5.00 Each 5 for \$20.00

**Hourly Prize Drawing**  
Tickets \$1.00 Each 6 for \$5.00



**VE Session (ARRL VEC)**  
**Exams for all License Classes**  
**Exam 9:00 am**  
**Walk-Ins Welcome**

For more information  
Contact Jim Mortensen at  
[w7azy@arrrl.net](mailto:w7azy@arrrl.net)  
[www.kachina-arc.org](http://www.kachina-arc.org)

*The White Mountain Hamfest is sponsored by the Kachina Amateur Radio Club  
It is sanctioned by the American Radio Relay League and the Amateur Radio Council of Arizona*