





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

Jun 4th **Scottsdale Senior Center** 7:00 PM

OPRC

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

CARL

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

QCWA

Jun 21st Stone Ridge Golf Course and Grill St Clement Catholic Church **Prescott** 12:00 PM

AARC

Jun 12th Red Cross Bldg. - Phx 7:30 PM

TBARC

Jun 19th **Thunderbird School** of Global Mgmt 7:00 PM

ARDG

Every Wednesday Phoenix Country Day School 11:10 AM

WVARC

Jun 2nd **Social Hall** 7:00 PM

ADAW MEMBER CLUBS

ARIZONA AMATEUR RADIO CLUB

The Arizona Amateur Radio Club meets on the **SECOND THURS-DAY** 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.).

Gary Hamman	K7GH	602.996.8148
George Cooney	KQ7C	602.278.6212
Rosemary Kydd	N7LPN	623.980.7282
Bob Hodges	K7JJT	602.274.1647
Joe Cutitta	W0SLL	623.215.2226
Bob Hodges	K7JJT	602.274.1647
	George Cooney Rosemary Kydd Bob Hodges Joe Cutitta	George Cooney KQ7C Rosemary Kydd N7LPN Bob Hodges K7JJT Joe Cutitta W0SLL

AARC c/o Bob Hodges, K7JJT, 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 Burleson	KG7OJ	480.961.1109
Vice President	Tom Salt	AD7PM	480.926.0348
vice President	rom San	AD/PM	480.920.0348
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 <u>carl@w7asc.org</u> or call Bob Burleson, 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 <u>every Tuesday night</u> 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	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	
	KellyLaw	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

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 Directo	rs:		
	Bill Price	N7GUO	
	Cliff Hauser	KD6XH	
	Jim Ulmer	KC7THU	
	Lin Donnelly	KF7CNR	
WebMaster	Ted Willis	AA7HX	520.790.3828
	(www.oprc.org)		
Trustees: (all r	epeaters operating	under the I	K7TRA call)
Primary	Cliff Hauser	KD6XH	,
J	146.660, 146.820	0. 147.220-	
	Paul VanBeverho	/	FX 224.06+
Secondary	Ted Willis	AA7HX	146.66-
Secondary	Ralph Turk		146.82-
	Paul VanBeverho		
	raui vanbeverno	oudi KA/L	FA 224.00+

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 evey Sunday morning at 0700 MST (0730 during December and January) on 3890 +/- QRM.

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

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

The <u>Arizona Desert Aire Waves</u> 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 THURS-DAY** 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.)

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 Cornwa	II KF7CCC	
	Bryan Stembridg	geN7BES	
	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: <u>info@w7tbc.org</u> or call 602.938.8219.

AMATEUR RADIO DEVELOPMENT GROUP

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

Benjamin Lee	KG7EBO	602.614.0850
Will Weiss	KG7FFV	480.789.932
Nathan DeRueda	KG7GLB	480.582.8575
Sahil Rawal	Pending	623.606.0258
Communications		
Sarah Dailey	KD7GJI	480.286.3026
and Development		
Sage Druch	KG7EQB	602.256.7997
	Will Weiss Nathan DeRueda Sahil Rawal Communications Sarah Dailey and Development	Will Weiss KG7FFV Nathan DeRueda KG7GLB Sahil Rawal Pending Communications Sarah Dailey KD7GJI and Development

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.



FROM THE EDITOR'S DESK

The weather in the valley is heating up and hamfests are moving north. The next event in Arizona is the White Mountain Hamfest in Show Low to be held June 7 at the Show Low City Hall. Check the Event Calendar on page 5 for more information. Escape to the cool White Mountains and enjoy a hamfest too!

In July, travel north for the ARCA/Williams Hamfest on the 18th and 19th. Organizers are lining up several activities in addition to the hamfest so you can make it a full, fun weekend for the whole family. The annual train trip to the Grand Canyon will be held on July 20. A new Pullman car has been added for a reduced price making the ride more economical for families as well as individuals. Other events and activities are being planned also and will be posted to the ARCA web site at www.arca-az.org as they are confirmed. Check the web site for up-to-date information.

The Coconino County Board of Directors has passed an ordinance prohibiting the use "Portable Communications Devices," with the exception of hands-free devices, while driving in Coconino County. This includes two-way radios as well as cell phones and a host of other portable devices. Amateur Radio operators are not exempt, unless they are operating under the direction of authorized first responders in an emergency. Operating a radio while driving during a public service event is not exempt. The city of Flagstaff discussed the issue for the city and voted to "opt out" of the county ordinance. There has been no news from other cities in northern Arizona.

As far as enforcement is concerned, caution is the keyword. There is a 6-month warning period in which a verbal warning will be issued to motorists who are observed using these devices while the vehicle is in motion. When that period expires, motorists will be issue citations.

According to ARRL Arizona Section Manager, Robert Spencer, KE8DM, this matter has been turned over to the ARRL and their legal team is investigating. Stay tuned for further developments.

Stay cool! See ya next month.

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PUBLISHER/EDITOR		

SCOTTSDALE AMATEUR RADIO CLUB, INC.



Club Station: WA7APE

Club Repeaters: 147.78/.18 & 445.00/440.00

Well, we have had our first 100 degree day and I am looking forward to getting up to the rim for some R&R. So far this year, my work load has prevented me from even getting out of town for more than a weekend. But that helps keeping my sanity. I tried my TS-440 and hustler whip on 20 meters in my pick up and it is working just fine. The bands have been much better this spring and I have logged a few dozen contacts. I hope the conditions are good for Field Day.

The program for the May general club meeting was an inspiring program by Marty Woll, N6VI, on Field Day, strategies, tactics and techniques. Marty is the ARRL Vice-Director Southwestern Division and he has had many years of experience with field day at many different locations. Of course, the program fits nicely with the up coming field day later this month. The last few years our club has held field day at the Finell property in Chino Valley. Those attending have had a great time and I am looking forward to it again this year. A decision will be made at the club meeting on June 4th on location and there will be sign up sheets for the event. If we get a big group of members going, we can set up the food tent and provide breakfast, lunch and dinner on Saturday. Otherwise, we will get take-out from some of the local restaurants. But that's good too.

Camping season is here and I hope you all can take advantage of it. We have a place in Payson, but I am planning on some fishing trips to the rim lakes. Our daughter and her children spent the Mother's Day weekend at Woods Canyon Lake. Her son brought his children, ages 4 and 6. They had a blast hiking and crabbing. There are a lot of crawfish in the shallows of the lake and that is perfect for the kids. At night they built a small camp fire and roasted marshmallows. I wish we had been able to join them, but that was impossible. My back is out again and until it settles down I am not going anywhere.

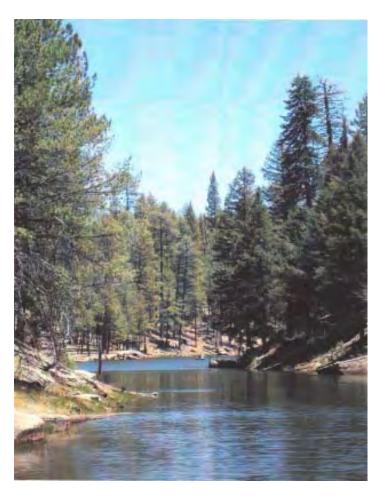
I have included a picture of Woods Canyon Lake they took while they were there. There is also a great attraction going on there right now. There is a pair of eagles nesting there and they have four eaglets to care for. The area where the nest is located is off limits, but the rangers have set up a telescope for viewing the nest from a distance. The eagles can be seen soaring above the lake and occasionally skimming the surface looking for a meal. Our grand and great-grand kids really enjoyed this experience.

We have our Tuesday night net at 7:00 P.M. on 147.18 (PL 162.2) and 440.00 (Pl 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 year of hamming.

73 Ed WU7S enickerson427@aol.com





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.



Want Ads

Wanted - Rohn 25/45 gin pole.

Contact Ray, W7GNE - Home: 480.998.1893

Event Calendar

7 June 2014 - White Mountain Hamfest and Swap Meet - hosted by the Kachina Amateur Radio Club will be held at the Show Low City Hall, 180 N 9th Stree, Show Low, AZ. Hours are 8:00 AM to 12:00 Noon. Prizes, ARRL Booth (with card checking), VE Testing, Arts & Crafts, Demos and Displays. Vendors/tailgaters - \$5 per space. Free Dry On-Site Camping on Friday, June 6 after 5:30 P.M. Talk-in - 145.310 Pl 110.9. Contact Jim Mortensen at w7azy@arrl.net for more information

18 - 20 July 2014 - 2014 ARRL Arizona State Convention / ARCA/ Williams Hamfest - hosted by the Amateur Radio Council of Arizona will be held at the Williams Rodeo Grounds, 800 Rodeo Road in Williams, AZ. Gates open at 12:00 Noon on Thursday, 17 July for set-up and camping. Event runs from dawn to dusk Friday, 18 July and dawn to 3:00 pm Saturday, 19 July. Trip aboard the Grand Canyon railroad on Sunday, 20 July. For more information, visit the ARCA website at www.arca-az.org.

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 (Pl 107.3). Web Site: http://sandarc.net/convention2014. Contact: Paul Rios, KC6QLS at 619.334.0441 (email - 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) or Kevin Walsh at 928.514.4237 (kd7hve@msn.com). Watch for updates.

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 Venders - \$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!

15 November 2014 - **Hassayampa Amateur Radio Klub Hamfest** - No information received yet. Watch for details.

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 for more information.

13 - 14 February 2015 - Yuma Hamfest - hosted by the Yuma Amateur Radio Hamfest Organization will be held at the Yuma County Fairgrounds, 2520 E 32ne Street in Yuma. Visit web site at www.ymahamfest.org for more information.

Public Service Calendar

LOCATION

EVENT

EVENT	LOCATION	DATE
Barn Burner Mtn Bike Rac	ce	09/06/14
N of Flagsta	ff on the Kaibab & Coconin	o NF
Mogollon Monster		09/27/14
Xterra Estrella Mtn Trail F	Run	10/05/14
Estrella	Mountain Park	
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 Pleasent	W of Lake Pleasent	12/13/14
Fiesta Bowl Half Marathon	Scottsdale Civic Center	12/14/14
Xterra - White Tanks	Waddell	01/04/15
JROTC Lake Pleasent	W of Lake Pleasent	01/31/15
Xterra - McDowell Mtn	Fountain Hills	02/01/15
Runners Den Pancake Ru	n	02/08/15
EP	hoenix, Paradise Valley Mal	1
JROTC First Water		03/07/15
First Water Trail	head Apache Junction Area	l
Xterra - Blanck Canyon C	ity	03/22/15
Table Mesa	Rd - Black Canyon City	
Cave Creek Trail Run	Cave Creek	04/05/15

To sign up send email to: mcecg@yahoogroups.com
MCECG on the Web MCECG.ORG for event sign up
For information on events, join - azhamserve@egroups.com

Jim Pierce, N7QVW -623.551.1204 - jim@n7qvw.net Brian McCarthy, N7TUQ -623.486.0507 - n7tuq@arrl.net

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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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.

June Test Sessions

Jun 5th - 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

Jun 7th - OVARC -- 10:30 AM

Oro Valley Police Sub-Station, Oro Valley Marketplace, Oro Valley Contact - James Garrity <u>licensing@tucsonhamradio.com</u>

Jun 7th - DeVry ARC & West Valley ARC -- 9:00 AM
DeVry University, 2149 W Dunlap Ave, Phoenix
Contact - David Morrill 623.680.5011

Jun 7th - Kachina ARC -- 9:00 AM
Linden Fire Department, 6884 AZ Highway 260, Show Low
Contact - James Mortensen 928.358.8761
No Walk-Ins - Must Pre-Register

Jun 9th - Radio Society of Tucson -- 7:00 PM
Pima Emergency Communications Operations Ctr,
3434 E 22nd St, Tucson
Contact - Diane Zimmerman
520.219.0452

Jun 11th - 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

Jun 14th - Unsponsored -- 10:00 AM
Maricopa County Sheriff Dept, 3325 W Durango St, Phoenix
Contact - James Skinnell
No Walk-Ins

Jun 14th - Yuma ARC -- 9:00 AM
Yuma County Sheriff's Office, 141 S 3rd Ave, Yuma
Contact - Robert Spencer revrobert@roadrunner.com
No Walk-Ins - Must Pre-Register

Jun 16th - East Valley VE Team -- 6:00 PM
City of Mesa Utilities, 640 N Mesa Dr, Mesa
Contact - Fred Bolinger 480.242.8606

Continued next column

Old Pueblo Radio Club INTERMOD

President's Column

There has been no meeting since my last letter, so information will have to wait another month. The last meeting of the OPRC before summer break was held on Wednesday, 14 May 2014.

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

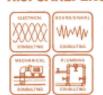
 145.150
 packet/wide
 N7OEM

 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.

June Test Sessions continued . . .

Jun 28th - Thunderbird ARC -- 11:00 AM 6850 Orange Box Dr, Flagstaff Contact - James Skinnell

602.826.1949

Jun 28th- 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



REINFORCEMENTS HAVE ARRIVED!

The first Technician license class of 2014 wound up in early April with an excellent success rate. Every student who took the test now has a Call Sign. Five passed the General test! That is, of course, good news for our Hobby.

Here are the calls posted on the FCC data base as of the latest (Tuesday PM 4/22). I also included calls posted earlier (for the 4/5 test) so this represents the whole class! Fourteen passed Tech or General, two still need to take the test, and three dropped out. Tentative schedule for the next class is Sept or Oct, 2014. Have to update to the new questions.

Steve K. - G - KG7JSS
Joseph - T - KG7KJT
Norman - T - KG7KJW
Dean - G - KG7KJX
John - T - KG7KJZ
Julie - T - KG7KRF
Jillian - T - KG7KRI
Charles L. - T - KG7KRN
Steve A. - T - KG7KRO
Nick - T - KG7KRP
Dino - G - KG7KRQ
Joe B. - G - KG7KRS
Joshua - G - KG7KRT
Charles E. - T - KG7LDE

But wait - THERE'S MORE!

Some of these new Hams, having visited the Station, decided to help pass the experience onto others. They have Volunteered. Bob, KG7QJ, put down his instructor costume and got to work on the Volunteer schedule. He placed those fresh licensees at the station W7ASC with some more experienced Hams. This is not really the passing of the torch. Now there are more hands available to keep it lit. These new Hams bring some different perspectives with them. They ask questions that challenge the Hams who really believed that their experiences had covered all aspects of this hobby. Stimulating conversations resulted. Be sure, if you connect with one of these new Volunteers, to welcome them to the Ham kingdom, and thank them for volunteering. Perhaps this new wave of enthusiasm will wash in your direction. Despite the new call signs that have appeared on the Shack schedule, Bob can always make room for a few more. The next Technician class will not start until October as the question pool is being revised. A dry spell for the arrival of new Hams. The ranks of the Volunteer cadre will be completely dependent, for a while, on existing Hams. Are you getting the message?

We are not quite sure what they are putting in the water in Cochise county, but the Ham-related activities just keep rolling

on. W7ASC had been asked to be available on the EAARS network for potential activity from Sierra Vista. We were there and so was the Cochise county Emergency Communication van operating at a public gathering. A new Ham was on the mic from the van entrance. She invited people, primarily "cherubs," to talk to Phoenix via Ham radio. This gave W7ASC the chance to have youngsters within the Science Center speak to youngsters in Sierra Vista. Result? Many first-time QSO's. On both ends.

Things did get a bit tangled when the EAARS tech committee needed some repeater down time while they tried to install IRLP, right in the middle of the peak visitor interest. Since the Ham who was operating the demo in Sierra Vista was a fairly new Ham, with no one available to explain things to her, there were a few transmissions too many from all parties. But this was Ham radio; there were many stations that were monitoring the activities. You do not really need to look at the last page here. No surprise! Happy ending. Communication resumed and a good time was had by all. Of course, we all wonder what else those folks in Cochise country will demonstrate in the future. Whatever it is, we are certain that it will be fun - and good Ham radio.

Summer is fast approaching. With it comes the pollen season and a big wave of snowbirds heading out of Arizona back to their summer residences. Result - a smaller Volunteer pool coupled with higher attendance levels at the Arizona Science Center. Not so many school field trips, but many more families and day camps. The Center is a great place for indoor activities when the mercury soars. Message - Volunteers are needed. The new Hams are a HUGE help, but a few more are needed. As the mercury climbs into the triple digits, you are not going to be staying outside as many hours as you did during the winter and spring. Fill those idle hours at W7ASC - a nice cool place. Call Bob, KG7OJ to discuss a convenient schedule.

At W7ASC, there have been a few changes. Nothing drastic, but more like a tweak. The large monitor that had been mounted on the wall at the back of the space, largely invisible to visitors, has been moved to the outside Shack wall. These small moves give the station some added visible punch. There are many fascinating videos on the driving computer that can be run on a loop, or in response to a question. When you are near to the Center, drop in to view that change. It really makes a difference. Many visitors walked by, not realizing that there was a real live Ham station right there. Now we hope that at least a few eyes will turn in our direction. It will increase the number of interactions with the visiting public when you are on duty.. More interactions, more interest, and more chance to tell, and demonstrate, our story.

We are trying to collect those great "How I got started in Ham Radio" stories so that they can be included in future Newsletters. Have a good one? How did YOU get started in Ham Radio? Old Timers can relate how the tests were given by the old curmudgeon FCC engineers (once or twice a year). Send your story in and share it with our great readership. Send it to the editor, Jean Jolkovski jeanjol@hotmail.com Please use Microsoft WORD or equivalent, with the .DOC extension. We are unable to open the newer .DOCX files. We can also use .PDF or older formats. Want to use clay tablets and cuneiform? Your choice - just send it.

73 de W4CIH Jean





This month was one filled with amateur radio events, all of them special, so where do I start? Tonight's meeting of the Arizona Amateur Radio Club featured a program by Marty Woll, N6VI, ARRL's Vice Director for the Southwestern Division, whose program called "Being DX-Tales of a Contest Expeditioner" gave us insight into the eighteen DXpeditions that Marty has been involved in. Marty, who lives in southern California, has been in the Phoenix area for several days, and has given a program for the Scottsdale Amateur Radio Club while here, has had an opportunity to share ideas with the West Valley Amateur Radio Club members at their weekly breakfast, and was able to visit the Center for Amateur Radio Learning at the Arizona Science Center. Our thanks to Marty for the time spent with us and the chance he has given us to experience some of the excitement of his radio adventures.

Last weekend was also very special. We hitched a ride with DL1UF, Reinhard, and W7ISG, Ingrid, to attend the Cochise hamfest in Sierra Vista. Congratulations to the Cochise Amateur Radio Association for putting together a 5-star event. It was amazing to see their club station, certainly one to be proud of. One of the joys of a hamfest that occurs quite often is the opportunity to put a face on a voice I have heard many times via amateur radio. This happened in Sierra Vista when we joined Ev, WB7VNF, for dinner, and were treated to a tour of his radio shack and antenna farm. Very nice!

The day before our trip from Phoenix to Sierra Vista, we attended another gala event, the CADXA annual barbecue. DL1UF is one great chef, and he single-handedly cooked up barbecue chicken, pork, and beef for about 100 people. I was one of the hundred. It was delicious. When I reflect on the enjoyment of the events I've mentioned, I realize that amateur radio operators are very special people.

Speaking of very special people, the Arizona Amateur Radio Club owes special thanks to Chris, N7PVL. She did something very special for us this last week. We now have a very nice website thanks to her hard work and organizational skills. It's still under construction to a degree, but it's ready for you to take a look at as we continue to make it grow. Check it out at www.W7IO.org.

By the time you read this we will probably be back from a jaunt to Norway, where the LI and LJ prefixes are celebrating 200 years of the Norwegian Constitution this year. On May 17th of 1814, the ratification of the Norwegian Constitution took place. On May 17, we will be cruising to Oslo, where the radio amateurs will be permitted to use special prefixes. Those with a callsign prefixed by LA may use the LI prefix. Those with a LB prefix may use the LJ prefix. There will also be a special station active, with the callsign: LM 1814. The Norwegian Radio Relay League (NRRL) is planning to offer

a special award for contacts with the LI/LJ Jubilee stations plus the special station LM1814. Guess there will have to be room in the suitcase for a radio.

73, Lori, WA7EDI - (602) 955-7517 - <u>cripps@cybertrails.com</u>



Our May program presented by Marty Woll, N6VI - ARRL Southwestern Division Vice-Director



Some interesting conversation after the program



Come join us for breakfast at 7:30 AM on the 4th Saturday of the month at the Good Egg. We'll save you a seat!



The Thunderbird Amateur Radio Club is an active club.

During this past month we have rearranged our linked repeaters in the Phoenix metro area to enhance our coverage area. We now have a much larger footprint. Our 446.150 repeater (-5Mhz offset, 100 Hz tone) has been moved from the John C. Lincoln Deer Valley hospital to a mountain top site on the White Tanks west of town. A 2-meter repeater (147.040 MHz, +600khz offset, 162.2 tone) was moved from the John C. Lincoln Health Center, where it had poor coverage, to the open John C. Lincoln Deer Valley site. Our third linked repeater, (146.70 MHz, -600khz offset, 162.2 Hz tone) remained at the John C. Lincoln North Mountain Hospital (Sunnyslope). We hold the TBARC Tuesday Evenings Nets at 1930 MST. It is a directed net, and is open to all licensed amateurs: everyone is welcome on the net, use any of our repeaters to participate.

Upcoming activities include our general meetings every third Thursday of the month at 7:00 p.m. (Thunderbird campus, 59th Avenue and Greenway, Snell Classroom):

May 15, 2014: The Magic of 50MHz Openings (Alan K7JE) June 19, 2014: Field Day with TBARC in Flagstaff (Chris K6OZY / Jack KD7RCJ) July 17, 2014: Caving with Weak Modes (Paul KA7HR *)

Other activities besides our General Meetings (visitors welcome) include:

- 1. Technician License class will begin on Tuesday, June 10 at the LDS Church at 15018 N 39th Avenue in Phoenix.
- 2. Emcomm: A joint radio message handling class will be conducted with the Salvation Army and the Maricopa County Emergency Communications Group on Saturday morning, June 21st, at the Salivation Army building in Phoenix.
- 3. Field Day: TBARC will be operating a large multi-operator station up in Flagstaff (June 28 & 29). Come for the whole weekend or come for a few hours.





CHAPTER 16 BARRYM.GOLDWATERARIZONA CHAPTER

The next meeting of the AZ Chapter QCWA will be held in Prescott on June 21st at the Stone Ridge Golf Course and Grill. The speaker will be Tom Fagan, K7DF, who will talk to us about u "Stealth Antennas."

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



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PATCHES - DECALS





Test Session Results

At the May 3rd session at DeVry – 13 candidates were examined

- 8 Earned Technician Class license
- 2 Earned General Class license
- 3 Earned Extra Class license

VE Liaison - David Morrill N7TWT

VE Team:

Robert Gormley KS7U James Skinnell K7EOG Dan Ford K2LH Ken Peloquin N7PHO Paul Jorgenson, KE7HR Robert Miner KA7NPQ Robert Fairfield K7RQN Bill Martin AI0D Michael Richards KI7S Chris Johnson, K6OZY



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SHORT SKIP

Prez Says:

Well by now the snow birds have left the valley for cooler weather, all will be missed, see you in the fall.

Remember June is Field we always have a lot of fun at the Red Cross, Blvd. north of Bethany House Road frontage road. If you are interested and want an enjoyable day and night, come to the Red Cross, indoor air-conditioned area and we run equipment by solar power and generators.

Have a very safe summer. Remember to drink plenty of water.

Ken Peloquin N7PHO 73s President

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

New Member

Dick Clark K6GLB, he passed his extra in 2008, Dick is also a member of QCWA154 & 16, FISTS, CVARC, and now West Valley ARC. Welcome Dick.





GO KIT EMERGENCY COMMUNICATIONS GEAR IDEAS??



At our monthly meeting, we had a presentation on batteries by Dave Zinder W7PMD, with his wife Harriett assisting, that enlightened everyone on all battery types from a simple galvanized nail and a piece of copper wire and vinegar with output at .834 volts to some of the latest technology, the lithium battery that has a lot of power in a small lite package. It costs more, but is worth it for portable ecomm.

Bob KG7FIL@arrl.net

Breakfast Guest Speaker

We had a guest speaker for our weekly breakfast at Lou's Tivoli Gardens on May 8. ARRL Southwestern Division Vice-Director Marty Woll, N6VI came by and had breakfast with every one. Marty gave an information talk and answer session on CC&RS, Public service, WI-FI Mesh network , and Broadband over power line.



Marty Woll N6VI



Patrick W6SPS, Marty N6VI, and Bob WA6MIO just getting in the photo on right side.



Rich Haworth W7MDQ, Marty N6VI, Earl KD7ZXU, Dan K2LH, in the front Patrick W6SPS, Bob WA6MIO, Joe W0SLL just getting in the photo on right.

Future Projects

Ted Walker, KB5OF has been working on a duplexer for Tim, KF7XY's new 2M repeater that will be installed on Yarnell Hill in the near future. It is of the hybrid ring variety, an early design that is superior to the standard BP/BR type. The cables are being brought up to standard in length with RG214 coax. Tunable circuits are being fabricated to get the final best match and will be installed instead of fixed length tuning stubs. This re-tune would not be possible without the Rigol spectrum analyzer that the club purchased recently and so would have to have been sent to a laboratory for tuning at considerable expense. The frequencies will be 146.62/.02 MHz with a PL of 162.2 Hz. The repeater has call sign N7YKT in honor of his wife, Diana and current club member.

If anyone would like to come by for a quick tutorial on this duplexer, call for a good time and Ted will glad to demonstrate. This type duplexer didn't become as popular as the ones currently used due to the complexity of the design. Duplexers have progressed to a new generation that is much smaller and can be rack mounted, taking up much less space but at considerable expense.

Ted is one smart guy. Way to go Ted.



These are the cavities for the repeater, Looks like a plumber's nightmare.

Ted Walker KB5OF

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

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

ANAHEIM, CA

(Near Disneyland) 933 N. Euclid St., 92801 (714) 533-7373 (800) 854-6046 Janet, KL7MF, Mgr. anaheim@hamradio.com

BURBANK, CA

1525 W. Magnolia BI., 91506 (818) 842-1786 (877) 892-1748 Eric, K6EJC, Mgr. Magnolia between S. Victory & Buena Vista burbank@hamradio.com

OAKLAND, CA

2210 Livingston St., 94606 (510) 534-5757 (877) 892-1745 Nick, AK6DX, Mgr. 1-880 at 23rd Ave. ramp oakland@hamradio.com

SAN DIEGO, CA

5375 Kearny Villa Rd., 92123 (858) 560-4900 (877) 520-9623 Jerry, N5MCJ, Mgr. Hwy. 163 & Claremont Mesa sandlego@hamradio.com

SUNNYVALE, CA

510 Lawrence Exp. #102 94085 (408) 736-9496 (877) 892-1749 Jon, K6WV, Mgr. So. from Hwy. 101 sunnyvale@hamradio.com

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10613 N. 43rd Ave., 85029 (602) 242-3515 (800) 559-7388 Gary, N7GJ, Mgr. Corner of 43rd Ave. & Peoria phoenix@hamradio.com

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Arts & Crafts

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GRAND PRIZE

Tickets \$1.00 each / 6 for \$5.00

Tickets \$5.00 each / 5 for \$20.00



For more information: Contact Jim Mortensen at W7AZY@arrl.net

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







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Presented by the Amateur Radio Council of Arizona and the City of Williams



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Second Prize - ICOM ID-31A UHF HT with D-Star

Third Prize - Yaesu FT-60R 2M/70CM HT with wide receive

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2014 ARRL Southwestern Division Convention.



Dates: September 12 - 14, 2014

The ARRL SW Division Convention sponsored by SANDARC will be held at the Sheraton Four Points hotel located on Aero Drive near the Montgomery Field airport which is the same location of the 2010 convention.

Admission tickets will be on sale on 1 September 2013. Download the admission forms when they become available. Ticket prices will be listed starting as "early bird", "preregistration" 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.

Future vendors please check with Paul Rios at kc6qls@cox.net. Check with Ann Rios, KC6TBG at kc6tbg@cox.net if wish to conduct a tech forum. Our keynote speaker for the grand banquet has not been selected. If you wish to be the keynote speaker, please contact Michael Maston, N6OPH at mastroleo@mindspring.com.

Airport shuttle service and free parking during the course of the convention will also be available.



Great Fun!

Great Food Truck!

Great Raffle Prizes!

VE Session @ 11:00 AM

Interesting Seminars!

Topics TBD

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.

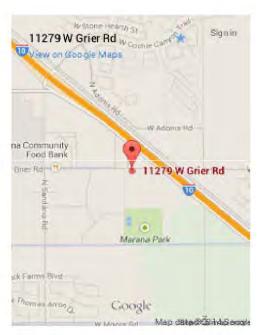
Students free with any school ID

Commercial Vendors \$30.00

ARRL Award Card Checking! Tailgaters \$10.00 includes 1

Directions to Marana Middle School - Talkdinishithe QVARC Repeater

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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







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