4529 W. Park Place Glendale, AZ 85306-1512

Return Service Requested



SCHEDULE of EVENTS

SARC

Jun 3rd Scottsdale Senior Center 7:30 PM

AARC

Jun 11th Red Cross Bldg. - Phoenix 7:30 PM

OPRC

Jun 10th Arizona Building at Tucson Medical Center 7:15 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 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.).

President Vice President	Gary Hamman Bob Milburn	K7GH KB7TWF	602.996.8148 480.991.1702
Secretary	Leslie Hickey	N5LDH	602.246.4303
Treasurer	Bob Hodges	K7JJT	602.274.1647
Red Cross Liason	n 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, P.O. Box 56483, Phoenix, AZ 85079-6483. DUES: \$15.00/YR, Prorated (\$18.00 Family,\$9.00 Student), MEMBERSHIP YEAR BEGINS FEB. 1.

SCOTTSDALE AMATEUR RADIO CLUB, INC.

The Scottsdale Amateur Radio Club meets the **FIRST WEDNES-DAY** of each month at 7:30 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	Paul Finell	W7EFQ	602.998.7024
Vice President	Bob Johnsen	K7TR	480.946.1427
Secretary	Ed Nickerson	NU7S	480.949.5162
Treasurer	Tom Barry	W7UF	480.998.8494
Past President	Bob Johnsen	K7TR	480.946.1427
Membership	Tom Barry	NU7S	480.998.8494
Board Members	Jerry Jacques	KD7GYM	
At-Large	Terry Cross	NK7T	480.969.8943
	Paula Jones	KD7TNB	
	Dreux Jacques	KB8YYA	
	Carl Schmidt	KB7ZAK	

SARC, P. O. Box 10878, Scottsdale, AZ 85271-0878. Phone: 602.735.3988. DUES: \$20.00/YR, (\$10.00/Add'l Family Member).

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 Vice President Secretary Treasurer Board Members	Bob Burleson * Rick Checketts** John O'Neal Larry Foster George Stickney Ray Waddoups David Zinder	KA0KZB KC7KML KC0JON W7BXW KE7FUM	480.961.1109 480.898.9158 480.345.7800 480.767.0593 480.964.3870 480.654.9883 602 358 7826
	David Zinder Skip Moretti	W7MD K7OAH	480.034.9883 602.358.7826 602.952.2649

* Scheuling and Membership

** Technical Committee Chair

Web Master - Roger Buel, W9NCQ - 602.493.7242

For information: Email to carl@w7asc.org or call Bob Burleson, KG7QJ at 480.961.1109. Web Site: http://www.w7asc.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 Arizona Building at Tucson Medical Center. Visitors are welcome.

President Vice President Treasurer	Ron Kalish Alan Drexler George Devich	N7SPW WB9TSU N9IUK	520.207.3852 520.885.9910 520.760.0125
Board of Director	rs:		
	Art Mills	KD7HZP	520.883.5480
	Cliff Schnider	KD7TMX	
	BillPrice	N7GUO	520.298.3114
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 VanBeverh	oudt KA7LF	X 224.06+
Secondary	Ted Willis	AA7HX	146.66-
	Ralph Turk	W7HSG	146.82-
	Paul VanBeverh	oudt KA7LF	X 224.06+

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



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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**

From the Editor's Desk

Greetings all,

Hope you were able to take part in all (or at least some) of the events held in May. The month started with the Larry Warren Memorial Hamfest hosted by the Cochise Amateur Radio Club in Sierra Vista on May 2. Haven't heard too much about how it turned out, but I do know we always enjoyed our visits to this event.

Then there was the ever popular "mecca of hamdom" - the Dayton HamVention on May 15 through 17. This is one event that every ham needs to attend at least once in their lifetime.

The Yavapai Amateur Radio Club and Verde Valley Amateur Radio Association held their hamfest on May 31 at the Granite Mountain Middle School in Prescott. As I write this, the event hasn't taken place yet, but I'm betting it was (will be) enjoyed by everyone.

Some news about your ADAW. Due to new postal regulations, and some old ones, the time has come to look at how your ADAW reaches you. Recent reductions in club memberships have dropped the ADAW circulation below that which is necessary for using our bulk mail permit. The result is higher postage costs as we will need to mail ADAW by first class mail (postage stamps!).

The new regulation is regarding how the ADAW is prepared for mailing. Tabs must be applied in specific locations on the piece. While the added expense is nominal, the prep time (and work) involved is extensive.

Therefore, ADAW is looking at sending your copy by email. Taking this step will reduce the cost to each of the clubs and to ADAW. We will still send hard copies to those who do not have email or internet access so that no one misses a copy of their ADAW.

What we need from you - All ADAW club members are asked to be sure their membership chairperson has their current (correct) email address and that it is kept current (correct) at all times. We will set up a remailer for each of the clubs. If your provider has spam filters in place, be sure to list the ADAW email address (adawaz@arca-az.org) as a permitted address. If your email address bounces for any reason, your name and email address will be removed from the remailer.

Please bear with us as we work through the kinks of the new distribution method. It may take some time to get everything running smoothly. If you have any questions, concerns or problems, please be sure to let me know so we can work on a solution.

All from me this month - Stay cool!

73, Chris, N7PVL



PUBLIC SERVICE CALENDAR

EVENT LOCATION DATE

Barn Burner Mtn Bike	06/20/09		
YMCA Half Marathon	Phx S Mtn Park	10/24/09	
Javalina Junderd	McDowell Mtn Park	10/31/09	
Heart of Arizona Bicyc	leRide	11/07/09	
	Congress		
MS Walk on the Wild	11/07/09		
Phoenix Zoo Desert Botanical Gardens			
Fiesta Bowl Half Mara	12/13/09		
Rock N Roll AZ	Phoenix, Scottsdale, Tempe	01/17/10	
Londons Run	Queen Creek	01/30/10	
Runner's Den Road Classic		02/07/10	
	Paradise Valley Mall, Scottse	lale	

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

 $Jim Pierce, N7QVW-623.551.1204 - \underline{jim@n7qvw.net} \\ Brian McCarthy, N7TUQ-623.486.0507 - \underline{n7tuq@arrl.net} \\$

Event Calendar

June 6, 2009 - White Mountain Hamfest - hosted by the Kachina Amateur Radio Club will be held at the Show Low Intermediate School, 1500 W Old Linden Rd in Show Low. Dry Camping permitted Friday night for \$5.00 fee. Outside tailgate spaces are \$5.00 - Admission \$1.00. VE Testing will be held in the school library from 9 AM until approximately 10:30 AM. ARCA Meeting at 11:00 AM. Talk-In 146.61 repeater with PL 162.2. Hourly drawings beginning at 7:00 AM. Super Prize drawing at 1:00 PM. Contact Jim Mortensen at 928.536.5505 or Richard Gurk at 928.537.9017 for more info.

July 17 - 19, 2009 - **ARCA/Williams Hamfest** - will be held at the Williams Rodeo Grounds in Williams. ARCA Annual Meeting 18 July at 4:00 PM. Check the web site at <u>www.arca-az.org/arca</u> for more details.

August 15 - 16, 2009 - **ARRL Southwestern Division Convention** hosted by the Santa Barbara ARC will be held at the Earl Warren Showgrounds in Santa Barbara, CA. Talk-In: 146.19/79 (PL 131.8). Contact Marvin Johnston, KE6HTS at <u>marvin@west.net</u> or visit the convention web site at <u>http://www.sbarc.org/</u> for more details.

October 17, 2009 - **OPRC Hamfest** - will be held in Tucson. Watch for updates.

December 2009 - **Superstition Hamfest** - will be held in Mesa. Watch for details.

March 27, 2010 - **Desert-Fest 10** - hosted by the Radio Society of Tucson will be held in Tucson. Watch for more information.



... CATCH THE FEVER !

It rained on our hamfest! And it hailed! And it blew! I'm sure you all know that. But nevertheless the event was a huge success. A few raindrops (or even a deluge) won't keep true hams from a hamfest, and ours was quite well attended in spite of the inclement weather. What was great to see was the brotherhood (and sisterhood) of the organization. Everyone worked hard to put together a good hamfest, and when the rains came, no one abandoned the effort. With shivers and smiling faces the AARC had an enjoyable time and showed few regrets about having to lash the gazebo to Gary's camper in order to keep our overhead cover from flying away. Thanks to everyone: members, sellers, buyers, and anyone else who helped make this soggy hamfest enjoyable. The three hourly prizes of ARRL gift certificates were won by KB7OBT, AD7TI, and Perry Lusk. Dave Nivison won a \$75 gift certificate from HRO, KN7DTF won an Astron 35A power supply, and KE7IDC won the first prize which was an FT-60R hand held.

Now that the hamfest is history, we are looking forward to our next big event, the annual ARRL Field Day. Field Day will be held at the Red Cross Building June 27 -28, and it will be a good opportunity to try HF if you have not done so. It's also a good chance to use the CW you worked so hard to perfect. Although we plan to staff the station for the full 24 hours, you are welcome to spend as much time or as little time as you like. More information on this event will be available at our planning session during the next meeting on June 11 at the Red Cross Building. Nonmembers are welcome to attend the meeting, but to comply with the Red Cross security rules, please call Gary, K7GH (602-996-8148), at least a day ahead if you plan to attend the meeting. We also encourage members and nonmembers to participate in our other activities, e.g., the 2meter net and the monthly breakfast at Denny's. Information on these and our other activities is available at the web site at www.w7io.org.

Although our club does monthly VE testing, we do take June, July, and August off. If a special need arises for a test session, call KQ7C (602-274-6212) or K7GH (602-996-8148) and we will try to accommodate. Our next scheduled session is Saturday evening, September 26, 7:00 P.M. at the Red Cross Building. The April testing was a very good session. Six candidates participated, and no one failed to pass at least one

Classes

Skywarn spotter classes are being offered by the Phoenix office of the National Weather Service. To get the most up-todate information on these classes, check the web site at <u>http://www.wrh.noaa.gov/psr/general/spotter/index.php?wfo=psr</u>.

If you would like to be part of the Phoenix area Skywarn organization, see Allen Sklar, W7AS.

A General License class is scheduled for July 18 through August 29 at the Arizona Science Center. If you are interested in attending the class, call Bob Burleson at 480.961.1109 or email: <u>kg7qj@cox.net</u>.

test. Two became techs, three became generals, and one took all three tests and became an extra class licensee. Congratulations to all.

One of our members, K7SLS, Shel Stone, has embarked on a new project. Shel has used his woodworking skill to make some very attractive desk call signs, and he is selling them to amateurs at an extremely reasonable price. Interested buyers can call Shel at (623) 582-8915. Shel, who was born in Chicago and raised in Los Angeles, has been a ham radio operator for about 21/2 years. He originally had the call KE7FSF. He recently joined the AARC and has been active in the organization. His background in electronics was gained through his military service in the Navy as well as through classes in Los Angeles and here in the Valley, and he worked for Fosgate Electronics as head of quality control for audio amplifiers. Shel operates 2 meters, 220, 440, and 10 meters. His equipment includes a Yaesu FT-897D and a Cushcraft RX7 antenna. His latest project is installing an inverted V for 10 meters.

The temperature is rising in Phoenix (have you noticed?), and that tells us that it is time to enjoy the variety of amateur radio activities that are scheduled this summer beyond our Valley of the Sun. Prescott's event will be history by the time you read this, but Williams July 17-19 and the ARRL Southwestern Division Convention in Santa Barbara the weekend of August 15th promise to be great events. Hopefully we'll see many of you there.

73,

Lori Cripps, WA7EDI (602) 955-7517 cripps@cybertrails.com





Thanks to the West Valley club for their donation of MFJ code equipment to the W7ASC shack. Needless to say, those keys really get a work out and are in a constant state of repair!

Results are in for the Spring Tech class. Seven out of 11 students took the Tech test on 4/11 and passed! Plus, one that went on to pass his General! All were sent off to HRO ;o) Again thanks to Steve KJ7WK and his VE crew for administering the tests. Congratulations to the following NEW HAMS:

Allan, KF7BVG Logan, KF7BVH Austin, KF7BVI Adam, KF7BVJ James, KF7BVM Dan, KF7BVN William, KF7BVO [General]

The calls were entered 4/20 into the FCC data base. (Probably some delay due to Tax Day 4/15 ;o) The General License class is scheduled to start at the AZ Science Center July 18th through to August 29th. Give me a call or email if you are interested.

Rick, KA0KZB, is now out of the hospital, but still at home. If you would like to send him a card, his home address is

> Rick Checketts KA0KZB 943 E. 7th Ave Mesa, AZ 85204-3414

And a final note - we are still looking for W7ASC volunteers for the New Ham Shack. The "Summer Hours" (10:00AM-3:00PM) start Saturday 5/23 through to Labor Day 9/7. Spread the word at your Ham Club. Call 480-961-1109 and volunteer now. A Volunteer sign-up page is available at www.w7asc.org

Regards, Bob Burleson KG7QJ <u>KG7QJ@COX.NET</u>480-961-1109



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.

JUNE TEST SESSIONS

June 4th - Radio Society of Tucson -- 7:00 PM Lighthouse YMCA, 2900 N Columbus, Tucson Contact - Matthew Grossman 520.750.7189 Pre-Registration Preferred

June 6th - DeVry ARC & West Valley ARC -- 9:00 AM DeVry University, 2149 W Dunlap Ave, Phoenix Contact - David Morrill 623.925.0680

June 6th - Kachina ARC -- 9:00 AM

Show Low Intermediate School, 1500 W Old Linden Rd, Show LowContact - Jim Mortensen928.536.5505or Richard Gurk928.537.9017

June 15th - East Valley VE Team -- 6:00 PM

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

480.643.0033



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SCOTTSDALE AMATEUR RADIO CLUB, INC.



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

Hi Everyone,

I suppose everyone read my article last month and now are packing to head for Dayton this weekend. I know I am. So by the time this gets to you it will be history and you have experienced the biggest show of Ham equipment and in some cases Ham Junk in the world. Let you know what I bought next month

I manage to clear my calendar and attend this month's meeting. I was able to understand almost everything that was said about mapping a cave. I was amazed that the communication in a cave to the surface is a snap. As long as it is dry, 40 meters does the trick. That is what I thought we were going to learn. I was wrong. What we saw was the equipment home brewed that maps a cave from the surface. The old measuring stick is passee. To make it easy, they have a small QRP transmitter that is connected to a moveable square antenna. It is set in place and someone on the surface finds the null of the antenna and makes some measurements. The null means you are over the antenna and the readings provide information that is put into a formula that gives them the depth. Now the underground people continue to move the antenna and it gives an overall map of what is underground. It was slick and technology does it again.

It is now time to try the SARC web site scottsdaleamateurradioclub@ning.com. I think I have the URL right. If not, give me a call and I will have it right by the time you read this. I am going to try it right after I finish this article. It asks for information and you have to be approved to join the site. Drew and Paul Finell assured us that the information that you give is not available to anyone but you. Every web site is different and this one sounds kinda neat.

Field Day just could be back at Chino Valley this year. There is an uprising within the club that says we have all of that equipment up there, we have acres of land to set up the equipment and we just ought to do it. If you have a hankering to do a field day, contact Bob Johnsen K7TR. His number is in the front of this ADAW.

Looks like we are also working on the repeater. It will be a major upgrade. It is probably about time. The present equipment has been up and running, at least most of the time since the early nineties at different locations. Technology has changed. Controllers have become more sophisticated, and remote operation much easier. So it won't be tomorrow but it is in the works.

Today the Post Office again raised its rates. Now it is even more expensive to send ADAW to your home. The editors of ADAW are exploring the possibility fo sending ADAW by email. I support that idea. So if you don't have your e-mail in our data base drop me a note and I will make sure it gets recorded.

Our membership chairman has decided to take an extended vacation. It could be six months. Eddie Couch is off in the motor home. If you want to talk, he says he is going to check in on 14.332 on the hour. So listen for him.

Paula Jones our education coordinator announced that there was only one person who expressed interest in upgrading to Extra. It looks like it will be put off till fall. If you have an interest in moving your ticket to Extra then let Paula know and she will keep track of you until the class is scheduled again.

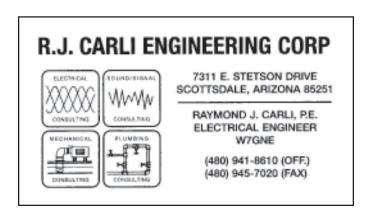
There also is some interest in a field trip to Tucson. The attraction is the Titan Missile museum and the Pima Air Museum. Sounds like fun to me. Again let one of the board members know of your interest.

June's meeting will be planning of field day and July will be a speaker and our Ice Cream Social. Put the first Wed of each month on your calendar.

Oh and I almost forgot. The weekly Tuesday night net is not going to operate in the summer. So you can get an early start for the bed on Tuesdays now. I will announce next fall when it starts again.

See you after Dayton. Hope many of you can go.

Ralph KV0R ralphc35@earthlink.net



SARC CONSTANTS:

SARC is a 501 (c)-3 club. That means all donations are fully tax deductible. Contact Paul Finnell, W7EFQ at 602.998.7024 for information on estate donations and equipment pick-up.

For membership information, call Tom Barry, W7UFat480.998.8494. Please send address change requests to Tom 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 Nick Sues, W7ZMD at 602.992.4133.



Old Pueblo Radio Club INTERMOD

President's Column

On Wednesday, 13 May 2009, the OPRC held its last general meeting until September, as many members leave for cooler pastures for the summer. The last meeting of spring is traditionally an ice cream social. Ted, AA7X gave a presentation about his service aboard a US Navy submarine.

Meanwhile, the board of directors will continue the work of the club through the summer. On 28 April 2009, the board held its monthly meeting. Also in attendance was Randy Malick KF0X, the president of the Radio Society of Tucson. Of first importance is the planning for the fall swap meet. Both clubs will be working together to assure this event takes place as planned. More on this next month.

In the April President's column, I passed on information that the 2009 Convention of the SW Division of the ARRL had been canceled. I am happy to announce that word of the demise of the convention was in error. I have received word from Marty Woll N6VI, vice director of the ARRL Southwestern division, that the Santa Barbara ARC has stepped in to organize the convention, which will take place on 15 and 16 August at the Earl Warren Show Grounds in Santa Barbara, CA.

Remember field day. Both RST and Catalina Radio Club will be set up on Radio Ridge, and OPRC members are invited to participate. Our own Field Day organizer, Bill Price, will be out of town this year.

A rumor arose that the 146.82 MHz repeater was going to be evicted from KVOA television. This rumor is incorrect. Our repeater is safe. There as an element of truth in the rumor. 900 MHz repeaters were ordered removed due to interference problems, but the 2 meter machines are of no concern.

OPRC is also working with RST to relocate the 146.66 MHz repeater to coordinate wider coverage of the expanding metropolitan area. Several locations are being surveyed. In anticipation of the relocation, Randy provided me with a new autopatch to go with the new location.

Have as great summer 73 de

Ron Kalish, N7SPW President, OPRC



OPRC Repeaters			
146.66	-PL110.9	autopatch/wide	W7GV
146.82	-PL110.9	autopatch	W7GV
147.22	-PL110.9	wide coverage	W7GV
RACES Repeaters			
147.300)	packet/wide	N7OEM
) - PL 110.9	wide coverage	N7OEM
) - PL 110.9	wide	N7OEM
	- PL 110.9	wide coverage	N7OEM



AUTOPATCH For the 146.66 repeater

1. Listen to insure the frequency is clear.

2. Press the transmit key and enter"*". Then release key and listen for the code or tone.

3. As soon as you hear the tone, press the transmit key and say: "This is K*7*** accessing autopatch" and without letting up

on the transmit key, enter the local telephone number.

Please: NO BUSINESS CALLS! WATCH YOUR LANGUAGE!

4. When you are finished announce:

"This is K^{*7***} ending autopatch" then, without releasing the transmit key, press"#" for at least one second and then release the key.

