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SCHEDULE of EVENTS

SARC

Mar 4th Scottsdale Senior Center Red Cross Bldg. - Phoenix 7:30 PM

AARC

Mar 12th 7:30 PM

OPRC

Mar 11th Arizona Building at Tucson Medical Center 7:15 PM

ARE YOUR DUES CURRENT? Check Your Club's Listing on Page 2 for Information.

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	Gary Hamman	K7GH	602.996.8148
Vice President	Bob Milburn	KB7TWF	480.991.1702
Secretary	Larry Penrod	AC7FC	602.955.0349
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, 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	Eddie Couch	N7JOR	602.852.9596
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 W7MD	480.961.1109 480.898.9158 480.345.7800 480.767.0593 480.964.3870 480.654.9883 602.358.7826
	David Zinder	W7MD	602.358.7826
	Skip Moretti	K7OAH	602.952.2649
1 1 1 1 1	1 1 1		

* 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			
	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.



ADAW STAFF

PUBLISHER/EDITOR

www.adaw.org	
adawaz@arca-az.o	rg
KC7FWR	
N7KKQ	602.769.3000
N7SPW	520.889.2998
-	
KJ7QJ	480.961.1109
KVOR	480.837.2183
WA7EDI	602.955.7517
N7PVL	602.843.0960
	WA7EDI KV0R KJ7QJ N7SPW N7KKQ KC7FWR adawaz@arca-az.o

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**

Event Calendar

March 14, 2009 - **SpringFest** - hosted by the Scottsdale Amateur Radio Club will be held at Scottsdale Community College 9000 E Chaparral Rd., in Scottsdale. Hours are 6:00 AM until noon. Talk-In: 147.18. **No overnight parking or camping permitted.** ARCA Meeting at 10:30 AM (or 11:00 AM). Contact Ed Nickerson, WU7S at enickerson427@aol.com for information and details.

April 4, 2009 - **RST Hamfest** - hosted by the Radio Society of Tucson will be held at Kino Sports Complex, Ajo Way and Forgeus Avenue in Tucson. Setup begins at 5:30 AM. Event hours are 7:00 AM until 12:00 noon. VE session, major vendors, demos and flea market. Donuts, pancakes and other refreshments will be served. For information, visit the web site at <u>www.rstclub.org</u>.

April 11, 2009 - **AARC Hamfest** - hosted by the Arizona Amateur Radio Club will be held at DeVry University, 2149 W Dunlap Ave, in Phoenix. Hours are 6:00 AM to 12:00 noon. \$2.00 admission includes hourly prize ticket. Tailgate spaces are \$10.00. Coffee and doughnuts will be available. Talk-in on 147.060 (+). For information, call Gary Hamman, K7GH at 602.996.8148. See flyer on page 4 for more information.

May 2, 2009 - **CARA Hamfest** - Sierra Vista. ARCA Meeting at 10:30 AM (or 11:00 AM). Watch for date and information.

May 30, 2009 - **Prescott Hamfest** - hosted by the Yavapai Amateur Radio Club and Verde Valley Amateur Radio Association will be held at Granite Mountain Middle School, Sports Courts, 1800 Williamson Valley Road in Prescott. Hours: 8: AM to 1:00 PM (seller setup from 7:00 AM - 8:00 AM). VE testing at 9:00 AM. Contact Terry Pemberton, KB7TRE at 928.445.8126 or email <u>kb7tre@cableone.net</u> for information. Additional information and map available on web site www.w7yrc.org.

June 6, 2009 - **White Mountain Hamfest** - Show Low. ARCA Meeting at 10:30 AM (or 11:00 AM). Watch for information.

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. Watch for details.

Classes

Skywarn spotter classes are being offered by the Phoenix office of the National Weather Service. To get the most up-to-date 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 at the Scottsdale Hamfest.

PUBLIC SERVICE CALENDAR

EVENT	LOCATION	DATE
ADA Tour de Cure	N Phoenix	03/14/09
DC Ranch for Life	N Scottsdale	03/22/09
MS Bike Ride 2 Day Eve	nt Florence	03/27-28/09
Tour de Paradise	N Phoenix/Paradise Valley	04/18/09
March of Dimes March f	or Babies	04/18/09
	Wesley Bolin Plaza	
Highline Trail Run	Payson Area	04/25/09
Barn Burner Mtn Bike Ri	deFlagstaff Area	06/20/09
YMCA Half Marathon	Phx S Mtn Park	10/24/09
Javalina Junderd	McDowell Mtn Park	10/31/09
Heart of Arizona Bicycle	Ride	11/07/09
	Congress	
Fiesta Bowl Half Marath	onScottsdale	12/13/09
Rock N Roll AZ Pł	noenix, Scottsdale, Tempe	01/17/10
Londons Run	Queen Creek	01/30/10
Runner's Den Road Class	sic	02/07/10
Pa	aradise Valley Mall, Scottsdal	e

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



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OrViy



... CATCH THE FEVER !

Last week I had a very uplifting experience. After having heard about the ham shack at the Science Center in downtown Phoenix, I decided to make a morning visit there. As you may know, the Center for Amateur Radio Learning (C.A.R.L.) is manned by amateur radio clubs from around the valley, and three of the members of the AARC. George Cooney, KO7C, Bob Hodges, K7JJT, and Dick Greatorex, W7KSO are weekly volunteers there. I was happily surprised at the enthusiasm shown by the young visitors who were given a short course in Morse code by Bob Hodges and then urged to send their names with the straight key. The same enthusiasm was shown by several adult visitors who talked with George and Bob about ham radio and its contribution, especially during times of emergency when cell phones aren't working and power is out. There were a large number of visitors during my stay, and I couldn't help but realize that it is experiences like those provided by the ham shack at the Science Center that have managed to keep the number of ham radio licensees at the same level since the middle of 2005 in spite of the increase in cell phone usage and other electronic advances. Unfortunately, there are not enough volunteers to keep the ham shack open every day, and weekend slots are especially hard to fill. If volunteering at the Science Center for two hours a week is something you would like to do, I urge you to call Bob Burleson, KG7QJ, at 480-961-1109 and tell him that you would like to spread the word about the excitement of amateur radio.

During the month of January, the AARC finally got past the planning stage of a project that has been hanging fire for some time. A group met at the QTH of silent key Art Reade, N7AR, and devised a workable plan for removing the 50-foot antenna tower. Now that the plan is made, it is likely that we will see the project completed soon, and then the club will have a tower and antennas for sale. Further information on the progress will be forthcoming.

Also in the month of January, several people passed their amateur radio tests at the VE testing session. The ham fraternity has two new techs, James Jones, KE7ZPL, and Dale Kopietz, KE7ZPK. Dustin Stevens, KI6SZC, successfully upgraded to a general class at the same session on January 24. Congratulations to all three of you on your diligence in preparing for the test. We hope to hear you on our weekly net, and you are welcome to attend our meetings.

The AARC is an energetic group with varied activities. Monthly VE testing is on the fourth Saturday evening of each month. Monthly meetings are on the second Thursday of each month at the Red Cross Building. Information on the testing, the club meetings, and other activities can be found on the club's web site, www.w7io.org. Make sure to mark the date of April 11 on your calendar in big red letters. That is the date of the AARC hamfest at DeVry University. Reminder: AARC dues are due on February 1





(\$15.00). Send your check to our treasurer, Bob Hodges, K7JJT, P.O. Box 56483, Phoenix, AZ 85079-6483.

I was first licensed as an amateur in the late 1950's and enjoyed the experiences very much, but for several years I held a license I didn't use and belonged to a radio club without attending the meetings. I am once again enjoying some of the excitement of my earlier years of amateur radio and urge you to see what is going on in the valley's radio clubs. If you have forgotten the joys of ham radio, why don't you drop in for a visit to the AARC meeting on March 12 (call Gary at 602-996-8148 or George at 602-274-6212 the day before) and see what fun you are missing?

73, Lori Cripps, WA7EDI cripps@cybertrails.com



- SELL - TRADE

BUY



The Annual CARL Meeting was held Saturday, January 31st at the AZ Science Center. 24 Hams were in attendance, almost 50% of our total volunteer force!

Rick Aldom, W7STS, ARRL Arizona Section Emergency Coordinator gave an excellent talk on Emergency Communications and MCECG Public Service events. The "All Day" Public Service Communications class is planned for later in the year, date TBD. We rounded up the usual suspects and elected CARL Board Members for 2009 plus two alternates. Club officers will be appointed at the next Board meeting in March. John O'Neal was awarded CARL "Ham of the Year" with 347 volunteer hours in 2008. Anyone want to break that record? Certificates of recognition were given to Steve, WB4SCZ with 228 hours, Bob, W7JTR 211 hours, and Dave,W7PMD 198 hours.

The W7ASC Power Point presentation was reviewed and is available from CARL BOD members for Ham club presentation. The \$50 HRO certificate door prize winning number was pulled out of the ol' Ham Hat by Andrea Salt, KE7OPV. The winner was her father, Tom, AD7PM. Hmmm. ? In any event, the \$50 will be used to stimulate the Ham economy. Upgrades and progress from the Design meeting on 1/15 were presented and the new graphics for the Shack should be done by mid-March. The AZ Science Center may be purchasing our 42" LCD monitor for the shack. I will try to confirm by the next ADAW.

The Spring 2009 Tech License class starts this month, Saturday, February 21st 10:00 AM to 1:00 PM at Mesa Community College (Southern & Dobson in Mesa). Flyers are out at

HRO and at your favorite web site (www.w7asc.org). So far we have seven students signed up. If you know anyone that is interested in the class, please give me a call.

We are still looking for W7ASC volunteers for the "Winter" hours: two shifts per day (9:00-1:00 and 1:00-5:00). 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 KG7QJ@COX.NET-480-961-1109

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.

MARCHTEST SESSIONS

Mar 5th - Radio Society of Tucson -- 7:00 PM Lighthouse YMCA, 2900 N Columbus, Tucson Contact - Matthew Grossman 520.750.7189 Pre-Registration Preferred

Mar 7th - DeVry ARC & West Valley ARC -- 9:00 AM DeVry University, 2149 W Dunlap Ave, Phoenix Contact - David Morrill 623.925.0680

Mar 13th - Independent -- 7:00 PM Fire Station, McGuireville Exit#293 off I-17, Rimrock Contact - Mark Coker 928.567.5446

Mar 14th - Arizona ARC -- 9:00 AMScottsdale Community College, 9000 E Chaparral Rd, ScottsdaleContact - Gary Hamman602.996.8148

Mar 14th - Yavapai ARC -- 9:00 AM Aerospace Experimentation & Fabrication, 3700 Willow Creek Rd, Gldg 75, Rm 103, Prescott Contact - Mary Vince 928.775.2158 Pre-Registration Preferred (Email: ab7nk@arrl.net)

Mar 16th - East Valley VE Team -- 6:00 PM City of Mesa Bldg, 640 N Mesa Dr, Mesa Contact - Steve Gurley 480.643.0033

Mar 24th - Boy Scout Troop 127 -- 8:00 PM St Francis Xavier School, 4715 N Central Ave, Phoenix Contact - John Kelly 602.264.6854

Mar 28th - Arizona ARC -- 7:00 PM American Red Cross, 6135 N Black Canyon Hwy, Phoenix Contact - Gary Hamman 602.996.8148 Pre-Registration Required by Thursday night.

Mar 28th - Catalina Radio Club/OPRC -- 9:00 AM Jacob's Park YMCA, 1010 W Lind St, Tucson Contact - Joe Theobald 520.760.0084 Pre-Registration Preferred



SCOTTSDALE AMATEUR RADIO CLUB, INC.



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

Another month has quickly gone and it is time for thinking about what we have to do on the station before it gets hot. I have to get up on that roof and completely reinstall my antennas. I had better get it done before the hot weather sets in. The wind blew down my vertical mainly because my eaves that anchored the mast had dry rotted and the bracket crashed and so did the vertical. Since it landed in a tree limb, it didn't go all the way down, so it wasn't damaged. The roofers took down my dipole so they could foam the roof and not get hung, and I haven't gotten it back. So if you have a project facing you, remember - hot is coming. I am tired of cold, but better get things done before hot shows up.

I missed the last meeting due to stupidity and understand that James had a large crowd to hear all about the new things the balloon group is doing. Hope he got some new volunteers.

We have some great programs coming up and Bob Johnsen is doing a great job of finding new people and new subjects. The March meeting will bring back our old friend Don Bazie to bring us up to date on emergency communications as it pertains to hospitals and disasters.

In April, we will have Larry Foster from our club who right now is in Honduras on the Kruta River providing communications to medical personnel in some of the remote villages in that area.

May is another interesting subject that I hadn't thought of and that is radio communication requirements of a spelunker. I am not much on caves, but if I went in, I would want a way to communicate to those on the surface. It should be a great night.

June is the traditional Field Day meeting and there is talk of going back to Chino Valley, resurrecting our old site, and putting some towers up. So don't miss any of the meetings. It sounds like a great line up.

Don't forget the Hamfest in March. I think it is the 15th (it's the 14th - ed.). There's a flyer in this issue. Also, the upgrade to general class is still in the works. Contact Paula or any of the other board members for information.

Tuesday nights is the SARC Net at 7:00 p.m. on 147.018 +600 and 162.2 PL Check in and get the latest info.

Also look at the public service calendar and pick a date to help out. It has been a busy year and they are always looking for bodies.

Hope to see you at the meetings. Remember, it is the first Wednesday of each month. I have updated my calendar and won't miss the next meeting.

Here is to your good health and see you next month. 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 Eddie Couch, N7JOR at 602.852.9596. Please send address change requests to Eddie 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

Apparently the January meeting of the Old Pueblo Radio Club had too many conflicts, so the meeting was shortened. This column is being written the day prior to the February meeting, so there is little new to report.

The autopatch on the 146.66 MHz repeater remains out of service, although the technical committee has some ideas to try to get it going again. We should know soon whether it can be fixed or whether it should be replaced. All of the repeaters are operating at this time.

Two events are scheduled this spring. First, is the annual Tour de Cure, scheduled for 8 March 2009, starting and finishing in Sahuarita, and extending South through Green Valley. This event raises money for the American Diabetes Association. To volunteer, contact Cary Fishman at cary@caryfish.com.

The second event is the annual Tour of the Tucson Mountains which is scheduled for Sunday, 26 April 2009. Contact John C. Henderson, (520) 861-4373, <u>k7fcc@att.net</u>, for further details. This is a PBRA event, like El Tour, and runs from Marana, South to Ajo Road, West past Ryan Field, and North back to Marana.

73 de, Ron Kalish, N7SPW President, OPRC

1			1	
	OPRC Repeaters			
146.66 146.82 147.22	-PL110.9 -PL110.9 -PL110.9 <i>RA</i> (autopatch/wide autopatch wide coverage CES Repeaters	W7GV W7GV W7GV	
147.300		packet/wide wide coverage wide wide coverage	N7OEM N7OEM N7OEM 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.



