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SCHEDULE of EVENTS

SARC

May 6th Scottsdale Senior Center 7:30 PM AARC

May 14th Red Cross Bldg. - Phoenix 7:30 PM

OPRC

May 13th Arizona Building at Tucson Medical Center 7:15 PM

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

Is Your Address Current with Your Club?

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	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	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**

Hi all,

It's been awhile since I've subjected you to my ramblings. Space restrictions have meant that the editor's column be removed to accommodate club news. I'm sure you'd much rather read about what is going on in your club. This month, however, I have important news regarding your ADAW.

The postal service has some new requirements for bulk mailers, which isn't all that surprising as they seem to roll out new rules on a frequent basis. One of these new requirements affects ADAW and ADAW clubs. All addresses to which a bulk mailer sends must be verified as correct no more than 95 days prior to the mailing.

There are a number of ways to comply with this regulation, each with its own associated cost to the mailer. ADAW has chosen to use the "Return Service Requested" method as it is the least costly option. To put it simply, if an address is incorrect, the piece is returned to ADAW with the reason for the return noted on it. If there is a change of address, the new address is listed on the sticker applied by the post office, provided the forwarding order has not expired. ADAW is charged the current first-class postage rate for each piece returned (currently 42 cents) which is then passed along to the club.

Therefore, it is vitally important for club members to keep their address current with their club and that club membership chairs communicate these changes to ADAW in a timely manner. Making sure all addresses are correct and current will reduce the expense to ADAW and the clubs while ensuring that members receive their copy of ADAW. So, if you are moving (or have recently moved), be sure to let your club's membership chair know right away. And don't forget to update your address with the FCC. It's a requirement that the FCC has your current and correct address on file. I've heard that they were randomly sending out letters to licensees just to check if their address was current. It could mean losing your license

if the FCC sends you a letter and it is returned. Did you check out the RST Hamfest in Tucson on

April 4? It was held at Kino Sports Park (the same venue as the OPRC event in October). There was a good crowd of both sellers and buyers when we got there. RST is planning another event next year, but the date has not been firmed up yet. Watch ADAW for the 2010 RST Hamfest and plan to attend.

Hope everyone had a great time at the AARC Hamfest on April 11. We didn't make it this year and certainly missed going.

The next event in Arizona is the Larry Warren Memorial Hamfest sponsored by the Cochise Amateur Radio Club in Sierra Vista on May 2. The hamfest is held at the club site on Moson Road and is a good reason to get away for a weekend. Mark your calendar.

That's about it from me this month. Enjoy your ADAW and don't forget to verify that your address is correct!

73, Chris, N7PVL

Event Calendar

May 2, 2009 - Larry Warren Cochise Hamfest - hosted by the Cochise Amateur Radio Association will be held at Green Acres (the club site), 2756 Moson Road in Sierra Vista. Gates open at 7:00 AM. VE testing at 9:00 AM. Admission is free. Tailgating \$5 per space, inside tables \$10 per table. Overnight camping permitted with CARA membership - self-contained only, reservations recommended. ARCA Meeting at 10:30 AM (or 11:00 AM). Visit the club web site at http://www.k7rdg.org. Contact Dale Chidester, NJ7C at 520.803.8828 or 520.227.1823 or email dalechid@cox.net for more information.

May 2, 2009 - **Kingman Hamfest** - hosted by the Hualapai Amateur Radio Club will be held at Frontier Communication's parking lot, 3124 Stockton Hill Road in Kingman. Hours are 9:00 AM until 5:00 PM. For information, contact Eric Smith, N7FFL at 928.530.6444 or email <u>n7ffl@n7ffl.us</u>.

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: 8:00 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 - <u>www.w7yrc.org</u>.

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. Check the web site at <u>www.arca-az.org/arca</u> for more details.





... CATCH THE FEVER !

The big news this month is that George Cooney climbed Art Reade's tower!! It wasn't planned that way, but the tower has to come down, and some prep work had to be done at the 35' level. The gentleman who was originally scheduled to do the climbing found the job too threatening once he came face to face with the task, and George, KQ7C, forgot his own fear of heights, put on the belt, and bravely climbed the tower. Now the rest of the tower removal should be relatively easy. We had contemplated enriching the club's treasury by renting George to other clubs for tower climbing projects, but unfortunately he has declined. The AARC thanks George for his fearless effort.

On a more serious note, John, K7JHK, is fighting a back problem. We're all hoping that the problem will disappear in time for John and Irene to make their planned trip to Germany in May. John always enjoys that trip and the great radio experiences there. Our best wishes for a speedy recovery, John.

The April meeting of the AARC was an especially interesting one. Howard Barikmo, WA7BRV, who has been actively working with photovoltaic energy for several years, discussed the latest in solar power. Photovoltaic and amateur radio? You bet. A perfect fit especially for field days and

emergency operations. What's been the evolution of photovoltaic? First, the workhorse: crystalline silicon. Then amorphous silicon and other thin films such as CdTe and CIGS, and now organic cells emerging. If we ever suspected that photovoltaic has a promising future, Howard definitely confirmed it at our last meeting.

By the time you read this, the AARC will have had another successful hamfest at DeVry University. I will, of course, give you specifics on the hamfest, including the prize winners, in the June column.

This month's VE testing brought two new amateur radio operators into the fold. Michael Kowalski, KF7BMT, and Jeremy Wendte, KF7BMU, are now technician class licensees. Congratulations to both of them for this accomplishment.

Once again AARC invites interested parties,

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 at the Scottsdale Hamfest.

whether licensed or not, to attend our meetings. The May meeting will be on Thursday, May 14, at 7:30 P.M. at the Red Cross Building at 6135 N. Black Canyon Hwy. in Phoenix. In order to satisfy Red Cross security rules, please contact president Gary Hamman, K7GH, at 602-996-8148 if you plan to attend as a guest. Other club events include breakfast at Denny's on Camelback and 7th Street on Saturday, May 23 at 7:30 A.M. and testing for amateur radio licensing that same evening at the Red Cross Building at 7:00 P.M. (pre-register with Gary Hamman). One of our most enjoyable activities is the weekly 2-meter net, which meets every Thursday at 7:30 P.M. except club meeting nights. We use the 147.060 repeater (no PL) which is licensed to Lee Walters, W7UXZ. We are grateful to him for letting the AARC net use the repeater. For further club information, look at our web site, <u>www.w7io.org</u>.

73,

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







The AZ Science Center purchased the 42" LCD monitor screen, and cabinets are now in along the South wall. The wall graphics are done on the South and West inside walls and on the outside. The 24-hour LCD clocks are not in place as yet and the 20" monitors should be remounted soon to give us more desk space. Steve, WB4ZSC has the "Ham Bio" PPS slide show of "famous Hams" at rev 2.1. It looks great on the big screen. We plan to develop a similar PPS of some of the DX QSL cards received. The old (and worn out) Kenwood V7A has been replaced with a Kenwood TMG-707A. Now you can read the display! A lot has happened over the last month! Come on in and see how nice the Shack is looking.

On the education front, the Spring 2009 Tech License class is concluding with about seven of eleven students taking the test this Saturday (4/11). Results will be posted in the next ADAW. The General License class is scheduled to start at the AZ Science Center July 18th through to August 29th.

Rick, KA0KZB has been active on the CARL Board, in the design and implementation of the new W7ASC Shack and as an instructor for the Ham License Classes. He has been in the hospital for the last month with complications from diabetes. Cards can be sent to his home address (and would, I am sure, be greatly appreciated)

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

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 <u>www.w7asc.org</u>.

And a final note: When the Arizona Science Center has a fire drill, it is imperative that everyone clear the building as quickly as possible when an alarm is sounded. We do not want any "Smoked Ham." Of course, if you have your HT with you, you can be part of the emergency response.

—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.

MAY TEST SESSIONS

May 2nd - Unsponsored -- 5:00 PM Frazee Paint Store, 3990 Stockton Hill Rd Ste H, Kingman Contact - John Wiman 928.530.4502

May 2nd - DeVry ARC & West Valley ARC -- 9:00 AM DeVry University, 2149 W Dunlap Ave, Phoenix Contact - David Morrill 623.925.0680

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

May 8th - Independent -- 7:00 PM Fire Station, McGuirevill Exit#293 off I-17, Rimrock Contact - Mark Coker 928.567.5446

- May 18th East Valley VE Team -- 6:00 PM City of Mesa Bldg, 640 N Mesa Dr, Mesa Contact - Steve Gurley 480.643.0033
- May 23rd 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.
- May 23rd Catalina Radio Club/OPRC -- 9:00 AM Jacob's Park YMCA, 1010 W Lind St, Tucson Contact - Fred Hill 520.403.1893 Pre-Registration Preferred

May 30th - Yavapai ARC -- 9:00 AM Granite Mountain Middle School, 1800 Williamson Valley Rd Industrial Arts - Rm 404, Prescott Contact - Mary Vince 928.775.2158 Pre-Registration Preferred (Email: ab7nk@arrl.net)



SCOTTSDALE AMATEUR RADIO CLUB, INC.



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

Hi Everyone,

I thought summer was on its way, but Easter weekend looks like we may still have a chance for a couple of weeks on nice weather.

The May meeting will be a contrast from April. I missed April due to a prior commitment, but we will go from the jungles, mountains and rivers of Honduras to the inner earth. It is not my cup of tea, but there are those that can't stand not to explore a cave. If you go in, you should have some way to communicate. It is dark and talk about a signal blocking experience, I can't' think of a better chance to lose contact. So come to the May meeting and see what you have to do and what is prudent to do if you are going to enter the bowels of the earth.

June is coming up and there is still Field Day ahead. If you are interested in participating, contact Ed Nickerson. His phone number is on the back of the front page of this newsletter. I know it is fun. Take a chance and I know that you will learn things and your operating skills will be better for it.

I thought I would give the Dayton Hamvention a plug this month. It took about 44 years before I took the bull by the horns and decided to take a look. Conventions are conventions I thought. However when it concentrates on your hobby, it becomes a special convention. There are some things to do before you go. First, buy your ticket on line. You will save \$5. Second, decide how you are going to get there. There are those that decide to drive. If you have a RV or camping trailer that might be the best way. You are in your comfort zone, you don't have to find a room and the facilities near the convention center are well equipped. Those of us that don't have that set up have to fly. You could drive, but I am getting too old for that. So you have a couple of choices. You can fly into Columbus and drive a rental car to Dayton and that is not a bad deal. Travel time is not more than a couple of hours. If you make your plane reservations early, you can fly directly to Dayton. Now comes the room. The rooms around the convention center are at a premium and probably are already filled up. I went on line about the middle of January and they were full then. However, there are plenty of locations that are not that far away and some are quite reasonable. All the savvy shopping on the internet will do you well.

Well, you now are there and have a place to rest your head so you need to get to the center. I don't know how to explain it, but the inside of the center is like a maze. There are many interconnecting buildings, all of which are filled with booths for vendors that sell anything you can think of in the ham side of the world. There are dealers in all sorts of computer gear. Good prices, but take a look at the merchandise. Most of what they are selling is last year's or earlier technology. So be careful on computer stuff. There is a food court. You can get everything to keep you going till dinner, even an ice cream cone. Plan on at least a day inside. Then plan on another day inside. You will go over the same tracks, but there is always something that you didn't see.

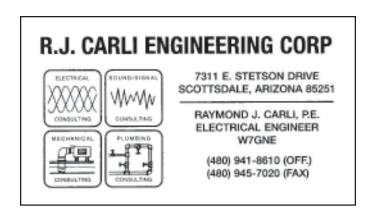
Watch the weather. If it is nice outside, make it a quick trip on the inside and head for the flea market. That in itself is more than a day's trip. It wasn't too crowded the last year because they had big time winds and the coverings became kites. Also I think the economy was starting to bite and many spaces were empty. I saw things I didn't even know existed. If you are non technical like I am, take someone who knows and he can explain what it is and maybe what it does.

If you have time, stay an extra day and see the Air Force Museum at the airfield. There are four hangers. Each has its own vintage of planes, starting with the WW1 biwings and ending with both the SR71 and a B-2 bomber, with a B-35 and a B-29 in between. It is free and well worth it. Take the plunge and go.

Don't forget to look at the public service calendar and also the Tuesday Night net. It is 7:00 P.M. on 147.18 +600 and a PL of 162.2

See you at Dayton. I know I will enjoy it again and know you will too.

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

The April meeting of the Old Pueblo Radio Club was called to order on 8 April 2009 by Alan Drexler, WB9TSU, the club's vice president. The Club's president was absent due to an unavoidable conflict. The question of the status of the fall swap meet was discussed and was forwarded to the board of directors for further discussion at its April meeting.

Alan also gave a presentation of the function of the Red Cross in cases of emergency. This generated a lively discussion.

The next meeting of the Board of Directors will be held at 1730 hrs on Tuesday, 28 April 2009, at the Village Inn Restaurant at Speedway west of Columbus Ave.

The final meeting of the general membership before the summer break will be held on Wednesday, 13 May 2009, at the Arizona Building of the Tucson Medical Center. This is one of our traditional ice cream socials. We hope to see you there.

73 de Ron Kalish, N7SPW President, OPRC

PUBLIC SERVICE CALENDAR

EVENT	LOCATION	DATE	
Barn Burner Mtn Bike Ride Flagstaff Area 06/			
YMCA Half Marathor	h Phx S Mtn Park	10/24/09	
Javalina Junderd	McDowell Mtn Park	10/31/09	
Heart of Arizona Bicycle Ride		11/07/09	
	Congress		
MS Walk on the Wild	11/07/09		
	Phoenix Zoo Desert Bota	inical 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, Scottsd	ale	

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



4DAW

	OP	RC Repeaters	
146.66 146.82 147.22	-PL110.9 -PL110.9 -PL110.9	autopatch/wide autopatch wide coverage	W7GV W7GV W7GV
	RA0	CES Repeaters	
147.300)) - PL 110.9) - PL 110.9 - PL 110.9	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.

