

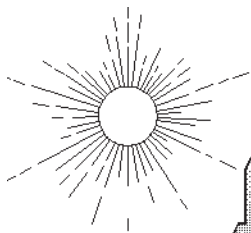
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**ADAW**

**Arizona Desert Aire Waves**

Vol 33, No 2

Feb 2008

**ARE YOUR DUES CURRENT?  
CHECK YOUR MEMBERSHIP EXPIRATION DATE  
UNDER THE SCHEDULE OF EVENTS.**

## **SCHEDULE of EVENTS**

### **SARC**

Feb 6th  
Scottsdale Senior Center  
7:30 PM

### **AARC**

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

### **OPRC**

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

## ADAW MEMBER CLUBS

### ARIZONA AMATEUR RADIO CLUB

The Arizona Amateur Radio Club meets on the **SECOND THURSDAY** of each month at 7:30 p.m. in the Red Cross Building, located at 6135 N. Black Canyon Hwy., Phoenix ( N. of Bethany Home Rd., E. side of Freeway on frontage Rd.).

President	Gary Hamman	K7GH	602.996.8148
Vice President	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 WEDNESDAY** 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 every Tuesday night 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	Paula Jones	KD7TNB	
Treasurer	Tom Barry	W7UF	480.998.8494
Past President	Bob Johnsen	K7TR	480.946.1427
Membership	Eddie Couch	N7JOR	602.952.9596
Board Members	Jerry Jacques	KD7GYM	
At-Large	Terry Cross	NK7T	480.969.8943

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 located within the Arizona Science Center at 600 E. Washington, Phoenix. Meetings are held the **THIRD WEDNESDAY** of each quarter at the Red Cross Building, located at 6135 N. Black Canyon Hwy., Phoenix. Annual meeting held in January. Watch ADAW for date.

President	Bob Burleson	KG7QJ	480.961.1109
Vice President	Bob Burleson**	KG7QJ	480.961.1109
Secretary	Ralph Craner	KV0R	480.837.2183
Treasurer	Larry Foster	KC0JON	480.767.0593
Board Members	George Stickney	W7BXW	480.964.3870
	Rick Checketts	KA0KZB	480.898.9158
	George Cooney	KQ7C	602.274.6212
	David Zinder	W7MD	602.358.7826
ARCA Rep	Larry Foster	KC0JON	480.767.0593

Web Master - Roger Buel, W9NCQ - 602.493.7242

\*\* Scheduling and Membership

For information: Email to [carl@w7asc.org](mailto:carl@w7asc.org) or call Bob Burleson, KG7QJ at 480.961.1109. Web Site: <http://www.w7asc.org>

### 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	Ron Kalish	N7SPW	520.889.2998
Vice President	Alan Drexler	WB9TSU	520.885.9910
Treasurer	George Devich	N9IUK	520.760.0125
Board of Directors:			
	Art Mills	KD7HZZ	520.883.5480
	Cliff Schnider	KD7TMX	
	Bill Price	N7GUO	520.298.3114
WebMaster	Ted Willis	AA7HX	520.790.3828
	(www.neighborhoodlink.com/)		
Trustees: (all repeaters operating under the K7TRA call)			
Primary	Cliff Hauser	KD6XH	
	146.660, 146.820, 147.220-		
	Paul VanBeverhoudt	KA7LFX	224.06+
Secondary	Ted Willis	AA7HX	146.66-
	Ralph Turk	W7HSG	146.82-
	Paul VanBeverhoudt	KA7LFX	224.06+

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



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The *Arizona Desert Aire Waves* is published monthly and is the official news media of the sponsoring clubs. All news items, articles and inquires should be submitted to each club's editor. Any information and opinions printed herein are those of the contributors and are not necessarily those of the sponsoring clubs. Full permission is granted to quote from this publication providing credit is given to the individual contributor and the ADAW. ALL RIGHTS RESERVED. **Deadline is 10th of the month**

## *From the Editor's Desk*

Can you believe it's February already - or very nearly anyway? It seems like just the other day I was stressing over getting the Christmas stuff down from the attic and set up, and it's already been packed up and put back in the attic!

From all the reports I heard, the first indoor WestFest was a great success. Unfortunately, I didn't get to attend this year and am really sorry to have missed it. Hope everyone found that special something they needed and the vendors had a successful "show."

The next hamfest in Arizona will be the Yuma HamExpo at the Yuma County Fairgrounds. We've enjoyed this event since its inception and will continue to attend as long as they have it (and we're able to travel to it). If you haven't checked this one out, you should. It's a growing event and a perfect venue for RV'ers. There are water and electric hookups at various locations on the grounds and two dump stations are available for your use.

The fairgrounds is located across the street from the Naval Air Station. Harrier jets fly over the fairgrounds on take off and landing. While that can be a little loud at times, it's fascinating as well.

Don't miss this up and coming event. Mark February 15 & 16 on your calendar and plan to attend. More information about the event can be found on their web site at [www.yumahamexpo.com](http://www.yumahamexpo.com).

SpringFest will be held on March 8, 2008 at Scottsdale Community College. The Scottsdale Amateur Radio Club will once again be hosting this annual event. Plans are underway to bring you a great hamfest with all the things you would expect - food, prizes, testing, seminars, meetings and of course, lots of tailgaters. Don't miss it.

As I write this, I'm sitting in the cold climes of Dayton, Ohio. I've been told that the valley has been cold since I've been gone. Count your blessings, my friends. It is going down to the single digits tonite and below that tomorrow night. Can't wait to get back to the "warm!"

Til next month,  
Chris, N7PVL

**ADAW**



**Ken Nichols**  
WA7HXZ

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## Event Calendar

February 15 & 16, 2008 - **Yuma HamExpo** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at Yuma County Fairgrounds in Yuma. Check their website at [www.yumahamexpo.com](http://www.yumahamexpo.com) for more information.

March, 2008 - **SpringFest** - hosted by the Scottsdale Amateur Radio Club will be held at Scottsdale Community College at Chapparal & Hwy 101 in Scottsdale. Watch for updates.

April 2008 - **AARC Hamfest** - hosted by the Arizona Amateur Radio Club will be held at DeVry University, 2149 W Dunlap Ave in Phoenix. Watch for details.

May 2008 - **CARA Hamfest** - hosted by the Cochise Amateur Radio Club will be held at the club site on Moson Road in Sierra Vista. Watch for updates.

June 2008 - **White Mountain Hamfest** - hosted by the Kachina Amateur Radio Club will be held in Show Low. Watch for details.

July 18 - 20, 2008 - **ARCA/Williams Hamfest** - hosted by the Amateur Radio Council of Arizona will be held at the Bob Dean Rodeo Grounds, 800 Rodeo Rd in Williams. Visit the ARCA website at [www.arca-az.org/arca](http://www.arca-az.org/arca) for information.

September 12 - 14, 2008 - **ARRL Southwestern Division Convention** - will be held at the Mesa Convention Center in Mesa, AZ. Contact Rick Aldom - [natecf@gmail.com](mailto:natecf@gmail.com) - or visit the web site at <https://www.azhamcom.org> for more information.



## PUBLIC SERVICE CALENDAR

EVENT	LOCATION	DATE
Runners Den Road Classic	Paradise Valley Mall	02/10/08
Laveen Country Challenge	Laveen	02/10/08
Lost Dutchman Marathon	Apache Junction	02/17/08
Ragnar Del Sol Relay	North Valley	02/29/08 - 03/01/08
ADA Tour de Cure	North Phoenix	03/15/08
SRP Cycle for Life	Scottsdale/ Tempe Phoenix	03/15/08
MS-150 Bike Ride	Florence	03/29/08
Ironman Arizona	Tempe Town Lake	04/13/08
March of Dives WalkAmerica	Wesley Bolin Plaza (State Capitol)	07/19/08
Highline Trail	Payson Area	04/26/08
Field Day - 2 Days	Maricopa CO EOC	06/28/08
Cactus Cha-Cha	White Tanks Mtn Park	10/11/08
YMCA Half Marathon	South Mtn Park	10/25/08

To sign up send email to: [mcecg@yahoo.com](mailto:mcecg@yahoo.com)  
 MCECG on the Web [MCECG.ORG](http://MCECG.ORG) for event sign up  
 For information on events, join - [azhamserve@egroups.com](mailto:azhamserve@egroups.com)

Jim Pierce, N7QVW - 623.551.1204 - [jim@n7qv.net](mailto:jim@n7qv.net)  
 Brian McCarthy, N7TUQ - 623.486.0507 - [n7tuq@arrl.net](mailto:n7tuq@arrl.net)



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## SCOTTSDALE AMATEUR RADIO CLUB, INC.



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



Happy New Year Everyone,

It is a New Year and by now everyone has probably already broken their New Years' resolution.

I have to take some space to acknowledge the passing of Ron Reynolds, N7 WTF. Ron was a good friend, as well as a dedicated Amateur Radio operator. Ron was Past President of this club, as well as a long time board member. Ron spent long hours helping to further Amateur Radio and to make sure that we conducted our public service events safely and efficiently. My last quality event with Ron involved 50 mountain bike riders making a 250-mile trip south of the border in the canyons of Sonora Mexico. Ron was in a boot cast yet provided the communications we needed and the comradery that comes with a week-long event. Ron battled diabetes from the day I met him, but he lost the battle. We will miss Ron

Our January meeting question was "What electronic gift did you get for Christmas?" It was a mixed bag with one big time radio purchase, some gift certificates for the wishful thinking folks, to nothing electronic. Sounds to me like those people forgot to see Santa Claus.

After a host of technical difficulties, we finally got to see the video of a cruise into southern Alaska. I still watch and wonder of the power of glaciers. It is probably the most intriguing thing to see in Alaska. Think about it and I highly recommend a small boat.

I understand that the club received a letter from the Scottsdale Community College Culinary School thanking us as well as complimenting us for using the facility for our Christmas Party. I guess we were on our good behavior. We have it on the list and plan to do it again come the first Wednesday of December. Put it on your calendar now.

The incentive awards will be continued in 2008. Most total points will receive \$300, 2nd place \$150, 3rd place \$100, 4th place \$75, and 5th gets the booby prize of \$50. It is an incentive to remember to look at your calendar and go to the meetings. Points can also be earned by giving a program, helping at the hamfest, checking into the net, and even donating items for the door prize drawing. Participation is the key. More participation, more points, and therefore, more money.

Everything is in place for the Hamfest at Scottsdale Community College. The date is March 8th. So clean out your shack, or bring money so you can put more in it. We will need volunteers to collect money at the gate, and also to put out that good coffee and doughnuts. Call Ed Nickerson to put your name on the volunteer list.

If you want to know more about the sound of Amateur Radio, be at the February meeting and see and hear Bob Hiel, W9ETT. He is probably the most well known authority on microphones and ear phones in the amateur radio community. I guarantee you will learn something.

Oh, I almost forgot. Don't forget to check into the Tuesday night net. It is every Tuesday night at 7:00 P.M. on the SARC repeater –

The W7ASC annual meeting is scheduled for Saturday, January 26th, at 9:30 A.M. in the AZ Science Center boardroom "A." We will have a full agenda with a report on Ham Shack improvements from the Tech committee (Rick KA9KZB), and up-to-date information on the Ham Shack move from Stan Brower (AZ Science Center). No updates as of this column (Jan 10th) but we will have a full report in the next ADAW column.

The next Tech License class starts Saturday, February 23rd, at MCC. Flyers are out at HRO and at the W7ASC station with detailed info. If you know someone that would like to get their Tech license have them give me a call, 480-961-1109. We only had five students sign up last fall so had to cancel. If you know someone that wants to get their Tech license please sign them up today! Classes are from Saturday, February 23rd to April 19th 10:00 a.m. to 1:00 p.m. for seven 3-hour sessions. The MCC Fee is \$27. Amateur License tests will be at last class session April 19th. To register call MCC Community Education at 480-461-7493. Section NC 500 0770.

Again we have the monthly plea for more W7ASC volunteers. Currently we have about 45 active volunteers. Not enough to cover all of the shifts, especially Thursdays, Saturdays, and Sundays. We have several volunteers coming in twice and three times a week to fill the shifts. Help prevent burn out, spread the word at your Ham Club. Call Bob at 480-961-1109 and volunteer now. A Volunteer sign-up page is available at [www.w7asc.org](http://www.w7asc.org)

-73 de KG7QJ Bob B.

[kg7qj@cox.net](mailto:kg7qj@cox.net) 480-961-1109

---

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147.18 with + 600, and if the PL is on, 162.2. You get points for checking in.

See you at the meeting  
Ralph KV0R  
[ralphc35@earthlink.net](mailto:ralphc35@earthlink.net)

**ADAW**

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### SARC CONSTANTS:

SARC is a 501 (c)-3 club. That means all donations are fully tax deductible. Contact Eddie Couch, N7JOR at 602.952.9596 for information on estate donations and equipment pick-up.

For membership information, call Eddie Couch, N7JOR at 602.952.9596. 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.







... CATCH THE FEVER !

## 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.

### FEBRUARY TEST SESSIONS

Dear Fellow Hams –

Here it is time to put up the 2008 number on our calendars and it doesn't seem that it should occur so soon. Didn't 2007 just start? And with the new year, it is time to renew membership. The annual dues are \$15 for single and \$18 for a family.

We had a surprisingly good turn out for our December exams, which were just three days before Christmas. Ten candidates came, and nine passed. Some had driven up from Tucson and had a trip home in the dark. Ham Radio is still apparently alive and well.

Our Christmas party started off with a bit of confusion as a Red Cross class had been assigned to the room we had reserved. Fortunately the class soon terminated and we could arrange the tables and tablecloths. Our new meat-and-potato cooking crew came through very well and the rest of us brought lots of other goodies. It was a good dinner and led us to the Bingo Game.

As usual, George Cooney, KQ7C, was the official caller and Uncle Dick checked his calls as George has been known to make mistakes. The preliminary game was won by Florence Baum, Mrs. Uncle Dick and former K7BVL. The two intermediate level games went to Sandi Tolnai (Mrs. Steve Tolnai W7WSV) and Bob Hodges, K7JJT. The Grand Finale was won by Joe Cutitta, W9SLL. At that point we decided to call it a night.

Remember to check ADAW next month to learn the results of our exciting election.

Our meetings are on the second Thursday of each month at 7:30 p.m. and our test sessions are on the fourth Saturday at 7:00 p.m. The location is at the American Red Cross at 6135 N. Black Canyon Highway. You must call Gary, K7GH, at 602-996-8148 a couple of days ahead of time to get cleared with Red Cross security. For info on other club activities, call Gary or George, KQ7C, at 602-274-6212.

**Feb 7th** - Radio Society of Tucson -- 7:00 PM

Lighthouse YMCA, 2900 N Columbus, Tucson

Contact - Matthew Grossman 520.750.7189

Pre-Registration Preferred

**Feb 18th** - East Valley VE Team -- 6:00 PM

Mesa Utilities Main Office, 640 N Mesa Dr, Mesa

Contact - Steve Gurley 480.804.1469

**Feb 9th** - SANDARC -- 7:30 AM

Sabar Shrine Temple, 450 S Tucson Pky, Tucson

Contact - George Robinson 520.293.6652

or Gus Toures 520.760.2377

RESERVATIONS ONLY

**Feb 19th** - Boy Scout Troop 127 -- 8:00 PM

St Francis Xavier School, 4715 N Central Ave, Phoenix

Contact - John Kelley 602.264.6854

**Feb 23rd** - Yavapai ARC -- 9:00 AM

Embry Riddle University-KETC Room 13, 3700 Willow Creek Rd.,

Bldg 72-King Engrg & Tech Center, Prescott

Contact - Mary Vince 928.775.2158

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# Old Pueblo Radio Club

## INTERMOD

### President's Column

First, I wish to apologize to all club members for not producing this letter for several months. I had a catastrophic computer crash and am now working on a borrowed machine. I hope to purchase a new one in the near future. Meanwhile, here is a quick update:

At the October meeting, Tom Fagan, WB7NXH, was named OPRC's ARCA delegate, replacing Cliff Hauser, KD6XH. Thank you Cliff for your service to date, and welcome aboard, Tom.

In October, the OPRC hosted the Tucson Hamfest. Weather was good and the event was well attended by vendors and by the public. The Radio Society of Tucson assisted by selling refreshments. The Boy Scouts participated in a Jamboree on the Air, testing was held, and ARCA held a meeting.

The Pueblo High School Amateur Radio Club set up an Amateur TV demonstration, linking the high school campus with the hamfest via a mountain top ATV repeater. Several of the club members present had recently taken part in a contact with the Internal Space Station. Thanks to all of the above plus to John Clor and his crew who put the event together.

At the November meeting, all officers of the club were drafted to remain in office one more year.

The December meeting was dedicated to the discussion of digital radio and television.

At the January meeting, Dave Brown, KC7CQY, our resident metallurgist, informed us of the problems associated with the phenomenon commonly known as "tin whiskers." The spontaneous growth of these metallic hairs can create a dead short in circuits including on microchip connections and on variable capacitors. They are controlled somewhat by mixing the tin with lead. However, the EEU has outlawed the use of lead in components, effectively making this a world standard. One alternative is to replace the lead with cadmium, a major carcinogen which can only be safely used by burying it deep in the innards of devices where it does not come into contact with humans. Using solders other than tin may require temperatures which are too high for use around heat sensitive radio parts.

At the February meeting, we hope to have a demonstration of radio-controlled model airplanes.

Until then, have a great month.

73,  
Ron Kalish, N7SPW

**ADAW**

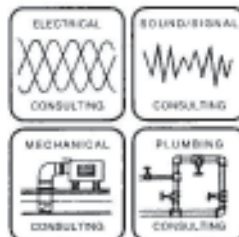
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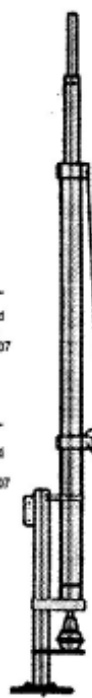
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