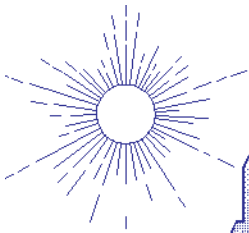


**ADAW**

4529 W. Park Place  
Glendale, AZ 85306-1512



**ADAW**

**Arizona Desert Aire Waves**

Vol 35, No 2

February 2010

**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**  
Feb 3rd  
Scottsdale Senior Center  
7:30 PM

**AARC**  
Feb 11th  
Red Cross Bldg. - Phx  
7:30 PM

**OPRC**  
Feb 10th  
AZ Bldg at Tucson Medical Ctr  
7:15 PM

**CARL**  
Jan 30th  
AZ Science Center  
TBA

# 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	Leslie Hickey	N5LDH	602.246.4303
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	Ed Nickerson	NU7S	480.949.5162
Treasurer	Tom Barry	W7UF	480.998.8494
Past President	Bob Johnsen	K7TR	480.946.1427
Membership	Tom Barry	W7UF	480.998.8494
Board Members	Jerry Jacques	KE7GYM	
At-Large	Paula Jones	KD7TNB	
	Dreux Jacques	KB8YYA	
	Louis Schmitt	NQ7I	
	Skip Moretti	K7OAH	602.952.2649
	Alan Jensen	KE7FSD	
	Judy Jensen	KE7IXI	

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	Bob Burleson	KG7QJ	480.961.1109
Vice President			
Secretary	John O'Neal	KC7KML	480.345.7800
Treasurer	Larry Foster	KC0JON	480.767.0593
Board Members	George Stickney	W7BXW	480.964.3870
	Ray Waddoups	KE7FUM	480.654.9883
	David Zinder	W7PMD	602.358.7826
	Skip Moretti	K7OAH	602.952.2649

Web Master - Roger Buel, W9NCQ - 602.493.7242  
 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	520.207.3852
Vice President	Alan Drexler	WB9TSU	520.885.9910
Treasurer	George Devich	N9IUK	520.760.0125
Board of Directors:			
	Dave Brown	KC7CQY	520.908.0805
	Art Mills	KD7HZP	
	Bill Price	N7GUO	
	Ivan Settle	KB7USM	
	Cliff Hauser	KD6XH	
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 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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[www.adaw.org](http://www.adaw.org)

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

Greetings all,

It certainly was an interesting January in Arizona - snow in the high country measured in feet instead of inches, and a year's worth of rain in the desert in less than 48 hours. We definitely needed the precipitation, but really, did it have to come all within a week's time?

Haven't heard any reports on WestFest yet. Did any of you get to attend? If so, how was it? A few paragraphs from our readers would be a welcome addition to ADAW and would let those who couldn't make the event know what they missed.

The Yuma Hamfest and Emergency Preparedness Show is up next on February 19 & 20 at the Yuma County Fairgrounds. The event has been growing each year and is a great way to "get away from it all" for a weekend. The grounds offer lots of room for tailgating and camping and water and electric hookups are available in some spots. There is generally a hospitality room with goodies to be had for a donation. VE testing will be conducted on Saturday and a barbecue dinner is held on Saturday evening that is excellent (and reasonably priced, too).

There are lots of other things to see and do around Yuma also. Check the web site at [www.yumahamfest.org](http://www.yumahamfest.org) for a list of places to see and things to do plus all the information you need about the event. Hope to see you there.

SpringFest has a new location. After many years at Scottsdale Community College, the Scottsdale Amateur Radio Club is relocating the event to the Fort McDowell Casino on the Bee Line Highway (state route 87). Check the Scottsdale column for more information or log onto their web site at [www.scottsdaleamateurradioclub.ning.com](http://www.scottsdaleamateurradioclub.ning.com). Sounds like it's going to be a lot of fun.

The pictures of the devastation in Haiti following the violent earthquake on 12 January 2010 are heartbreaking. Supplies and assistance, though slow in reaching those in need due to the enormous destruction, are finally getting into the country and making its way to the people. More is needed - quickly.

Many amateur radio operators have mobilized to provide whatever assistance they can. Amateurs from the Dominican Republic traveled to Haiti on 15 January to set up emergency equipment at their embassy in Haiti. Unfortunately, they were forced to return to the Dominican Republic only hours after arriving for safety reasons. Unfortunately, they were not able to activate the station in Haiti. They were able to install two VHF repeaters in the Dominican Republic linking their capital, Santa Domingo, with Port-au-Prince. Only one of the repeaters is in operation. These repeaters are being used by the Red Cross and Civil Defense as there is no other way to communicate.

## 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

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

**February 12th** - Independent -- 7:00 PM  
Fire Station, McGuireville Exit #293 off I-17, Rimrock  
Contact - Mark Coker 928.567.5446

**February 15th** - East Valley VE Team -- 6:00 PM  
City of Mesa Bldg, 640 N Mesa Dr, Mesa  
Contact - Steve Gurley 480.704.3666

**February 16th** - Boy Scout Troop 127 -- 8:00 PM  
St Francis Xavier School, 4715 N Central, Phoenix  
Contact - John Kelly 602.267.6854

**February 20th** - Yuma Amateur Radio Hamfest Org -- 1:00 PM  
Yuma County Fairgrounds, 2520 E 32nd St, Yuma  
Contact - Beverly White 928.342.9460  
or Robert Sidebottom 928.344.6469

**February 27th** - 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 nite

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Haiti will need help for some time to come in their struggle to recover and rebuild their country and lives. If you would like to help, visit the ARRL web site at [www.arrl.org](http://www.arrl.org) for information.

Enjoy this month's ADAW and remember our Haitian neighbors in your thoughts and prayers.

73,  
Chris, N7PVL

**ADAW**

# Event Calendar

February 19 - 20, 2010 - **Yuma Hamfest & Emergency Preparedness Show** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at the Yuma County Fairgrounds, 2520 E 32nd St in Yuma. Event hours are noon to 5:00 PM on Friday and 8:00 AM until 5:00 PM on Saturday. Gates open for camping at 4:00 PM on Thursday, 2/18. Buz-zard BBQ & Grand Prize drawing on Saturday night, 2/20, at 6:00 PM. Talk-in frequency: 146.840 (-) PI 88.5 Hz. Visit the web site at [www.yumahamfest.org](http://www.yumahamfest.org) or email Richard Palaszynski, KC2LGR at [kc2lgr@gmail.com](mailto:kc2lgr@gmail.com) for more information.

March 13, 2010 - **SprintFest** - hosted by the Scottsdale Amateur Radio Club will be held at the Fort McDowell Casino on State Route 87, 2 miles north of Shea Blvd. Hamfest hours are 6 AM until noon. Table space donation - \$10.00. ARCA meeting at 11:00 AM. VE testing, raffle prizes, RV parking and refreshments will be available. Talk-in: 147.36 (PI 162.2). For more information, visit the web site at <http://scottsdaleamateurradioclub.ning.com/>.

March 27, 2010 - **Desert-Fest 10** - hosted by the Radio Society of Tucson will be held at the Kino Sports Complex, Forgeus and Ajo Way in Tucson. Hours are 6:00 AM until 11:00 AM. VE testing at 9:00 AM. Free admission and parking. Flea market spaces - \$5.00 each. Talk-in: 146.800(-) pl 156.7. Special low rates for nearby hotel and campground. For more information, visit the web site at <http://tucsonhamfest.com> or contact Randy Malick at 520.230.2006 or send email to [info@tucsonhamfest.com](mailto:info@tucsonhamfest.com).

May 1, 2010 - **Larry Warren Memorial Hamfest** - hosted by the Cochise Amateur Radio Association will be held at the club's Green Acres Facility, 2756 Moson Rd in Sierra Vista. Activities begin at 7:00 AM and will end at noon. VE testing, tailgaters, vendors, food, drink and prizes will be available. For more information, visit the web site at [www.k7rdg.org](http://www.k7rdg.org). Contact for the event is Dale Chidester - Phone: 520.803.8828 - Email: [dalechid@cox.net](mailto:dalechid@cox.net)

May 29, 2010 - **Prescott Hamfest** - hosted by the Yavapai Amateur Radio Club will be held at Granite Middle School Sports Courts, 1800 Williamson Valley Road in Prescott. Hours of operation are 7:00 AM until 1:00 PM, with set-up beginning at 6:00 AM. VE testing will be held at 11:00 AM. Visit the web site at <http://www.w7yrc.org> for more information. Contact is Terry Pemberton - Phone: 928.445.8126 - Email: [kb7tre@cableone.net](mailto:kb7tre@cableone.net).

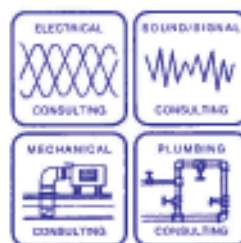
July 16 - 18, 2010 - **ARCA/Williams Hamfest** - hosted by the Amateur Radio Council of Arizona will be held at the Rodeo Grounds in Williams. Watch for more details.

September 17 - 19, 2010 - **ARRL Southwestern Division Convention** - hosted by the San Diego Amateur Radio Club (SANDARC) will be held at Four Points Sheritan Hotel, 8110 Aero Dr in San Diego, CA. Talk-in 145.32(-) PI 107 and 146.52 simplex. For more information, visit the web site at <http://www.sandarc.org/>. Event contact: Paul Rios - phone: 619.593.9445 - email: [kc6qls@cox.net](mailto:kc6qls@cox.net).

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**SCOTTSDALE AMATEUR RADIO CLUB, INC.**



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

Hi Guys,

Well, the Christmas and New Year holidays are gone for another year and it is time to settle down to our regular routine. And all of those New Years' resolutions we made last week just might make that a little harder. One of my personal resolutions is to do more contesting this year than I did last year. With the bands getting better that should be fun. Also, I would like to get to as many Hamfest around the state as possible. The first Hamfest for the year was the WestFest 2010 in Glendale, AZ.

I went to the WestFest 2010 and worked at our club table. It was a great event with a lot of vendors and buyers. I saw many happy buyers leaving with everything imaginable. These events also give you a chance to meet with old friends you haven't seen for a while. If you have not attended one lately, you should give it a try. Whether you buy something or not I am sure you will enjoy the experience.

The January Club Meeting had a great program by Dan Jackson WA7SRP on power line noise. Dan is a long time employee with SRP and he has worked many different jobs there. He gave a very good look at what causes the power line noise that we sometime hear on the radio and what they do to eliminate the problem. If you are experiencing a noise problem, you can call the power company. Tell them you are a ham when you call so they know you have some basic knowledge about the noise. This will save time and get the problem to experienced investigators like Dan.

The Club's repeater system is working well these days thanks to the hard work by Dreux Jacques KB8YYA and Lou Schmitt NQ7I. The 440 machine can be reached from any part of the valley with an HT, something that we never had before. The 2-meter machine is also better than it has been. There are still some things they are going to do and when they are finished, this system will be really great. There will be some new features available to us that no one else has. Keep on listening and you will be surprised.

The club has a 2-meter net every Tuesday at 7:00 P.M. on 147.18 with PL 162.2. This is a general conversation net and you do not have to belong to the club to check in. I am net control for this net and would like to have you check in.

The Spring Hamfest will be at the Fort McDowell Casino on the Bee Line Highway (state route 87) about 2 miles North of the Shea Blvd. intersection. The talk-in frequency will be 147.36 with PL 162.2. On that side of the mountain our repeater is shadowed so we are using the ARA repeater. Many thanks to them for the use of their machine. There will be all

of the usual hamfest events, such as VE testing, raffle prizes, RV parking, Tailgating, etc. There will also be another "Yard Sale" going on there sponsored by radio station 104.3 Mega Radio. They will feature regular yard sale items and they generate a lot of buyers so this event might be huge.

Our club web site is up and running. The web site is [scottsdaleamateurradioclub.ning.com](http://scottsdaleamateurradioclub.ning.com). Dreux has a collection of photos there and more club information. The site has had a lot of activity since he got it up. Nice going Dreux.

Speaking of the internet, the club needs to have your correct e-mail address. So when you go to the meeting check the roster and verify your address. If you don't go to the meeting, you can e-mail Jerry Jacques at [ke7gym@arrl.net](mailto:ke7gym@arrl.net) to verify your address. He is the club Membership Chairman. Dues are also due next month.

Just a reminder to all of you hams out there. Get on the radio more often. Whether it is HF or 2 meters, we have the spectrum to use and we need to use it. You might be surprised at the response you can get by just throwing out your call sign and saying "Listening."

Well, that's all I have for now, so keep on Hamming.

73,

Ed, WU7S

[enickerson427@aol.com](mailto: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 602.998.7024 for information on estate donations and equipment pick-up.**

**For membership information, call Tom Barry, W7UF at 480.998.8494. 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.**





In the past few months I have become aware of aspects that I never knew existed in the lives of several of the AARC members. Everyone has hidden secrets that could be revealed, and that is what I intend to do in this column. I'll begin with something buried in my own past and in the past of Gary Hamman, K7GH, something that most of you probably don't know. In the year 1968, there was a Southwest Division ARRL convention held in Phoenix, and on September 1 during that convention, Gary Hamman, then W7CAF, and I set a world DX record on CW over a 3720-foot path on 40,100 MHz, a record that was soon broken, of course. Our photo was published in a couple of the national amateur radio magazines at that time.

Now I'd like to share some other hidden secrets. Some of you may know that Dick Thomas, AC7SW, is a published author, but you may not be aware of the extent of his literary ability. Dick wrote a book called Chicken Tommy, which is a history of Humboldt Township, Illinois, from the years 1830 through 1993. Not only is it interestingly written, but it is a masterpiece of research into that area of the country. Dick was at one time a telegrapher with the railroad, which uses a code system slightly different from that used by amateur radio, so Dick's latest project is getting proficient in CW for field day. Making the change may be more difficult than leaning code the first time!

Did you know that Shel Stone, K7SLS, (who by the way no longer has his mustache since the Celtics lost to the Suns) once had a job building little animated figures for the bottom of aquariums? He has held several unique positions during his life, but this is probably his most unusual. He'd probably stump the panel on "What's my line?" with that one. The position that pleased him most, however, was his work with Marquardt which involved making the pitch and attitude rockets for the first three moon shots. He is proud to have been part of that project.

Here's a what's-my-line stumper for you. What do you think Bob Milburn, KB7TWF, did for a living? I was surprised to learn that he was a John Deere dealer in the Midwest.

I learned that Leslie Hickey, N5LDH, our AARC secretary, has transformed her daughter's old bedroom into a haven for doll houses. Leslie's hobby is building doll houses, and she

now has four large ones, a farmhouse, a Victorian home, an English cottage, and a general store, as well as a couple dozen smaller ones. Leslie shows skill as well as patience in this interesting hobby.

Would you allow your thirteen-year-old to learn to ride a Harley Davidson? Apparently Larry Penrod, AC7FC, learned to ride one when he was in the 8th grade. As a result he spent seven of his 21 years with the police department riding a motorcycle. Harley Davidson awarded him a pin for 100,000 plus miles riding with the police department. This was apparently without an accident because his pin read "Riding and Still Walking."

Everyone has probably heard about the ham shack that Bob Sitterley, K7POF, has in his Chino Valley location. Did you know that his "small" collection of AM equipment contains about 14 receivers, two of which once served the late W7OIF, Al, from about 1939 to the late sixties? It also boasts about twelve AM transmitters, two of them homebrew AM KW's, one a Collins Amateur KW, and one small AM transmitter which was the very mobile that Gary, W7CAF (K7GH) used in his automobile when he was in college in the dark ages. Gary remembers being in QSO recently with Bob when Bob was using Gary's rig. All this and more can be used with the 15 or so working antennas from 160 meters to 440 MHz. Quite a station!

Apparently there are quite a few secrets buried in the past among our members. I have only touched on the surface, but in order not to write this book all in one session, let me take a break from this exposé and promise you part two next month. My bag of secrets is still full.

Meanwhile, AARC activity continues. At our last VE session, four of the five tests taken were passed. VE testing is an important part of the service that clubs can perform and we are proud that five of our members have clocked more than 90 sessions working as volunteer examiners.

Our January meeting, which has not taken place by this writing, will be one of planning. Our meetings are the second Thursday of each month at 7:30 P. M. at the Red Cross building one block north of Bethany Home Road on the northbound access road of I-17. Nonmembers who wish to attend a meeting should contact Gary, K7GH, at (602) 996-8148 a day before the meeting to satisfy the Red Cross security requirement. Members and guests are also welcome to join the Thursday night net on 147.060 at 7:30 P.M. every Thursday except meeting nights. The repeater, owned by Lee Walters, W7UXZ, does not need a PL tone.

73,  
Lori, WA7EDI  
Cripps@cybertrails.com  
(602) 955-7517

**ADAW**



*World DX Record - 1968  
(from left to right)*

*Garry Hamman, K7GH (then W7CAF)  
Ray Cripps, WA7EDH (witness) - Lori Cripps, WA7EDII*



*Leslie Hickey, N5LDH building her Victorian Doll House*

**ADAW**



*Larry Penrod, AC7FC his Harley-Davidson motorcycle - 4/7/1955  
Awards from the Harley-Davidson company are attached to the picture frame.*



*A portion for the extensive ham station of Bob Sitterley, W7POF*

**ADAW**





Oops! Sorry folks, I'm getting ready for the annual CARL/ W7ASC meeting January 30th Details and news from the meeting to follow in the next ADAW.

73,  
 Bob Burlison, KG7QJ  
 480-961-1109 - kg7qj@cox.net

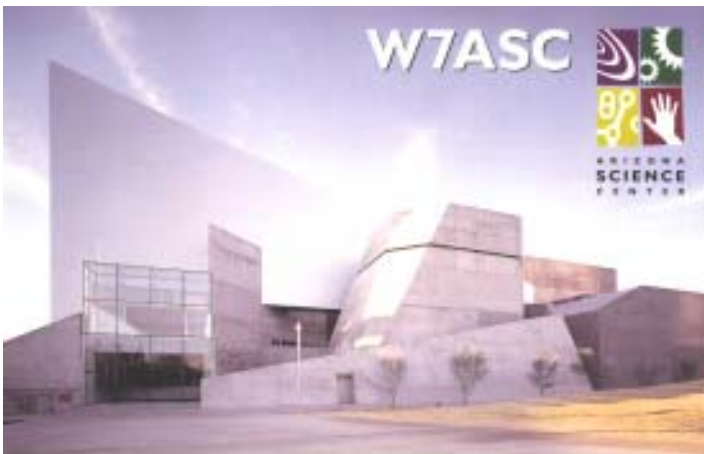
**ADAW**

**PUBLIC SERVICE CALENDAR**

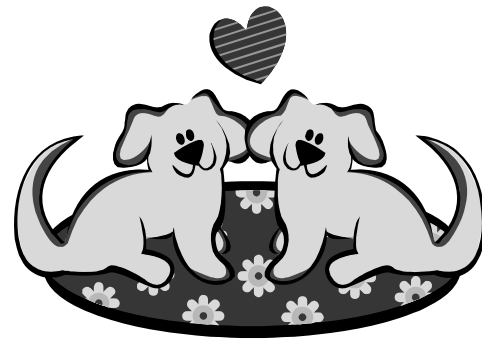
EVENT	LOCATION	DATE
Runner's Den Road Classic	Paradise Valley Mall, Scottsdale	02/07/10
Lost Dutchman Marathon	Apache Junction	02/14/10
Laveen Country Challenge Bike Ride	Laveen	02/21/10
Ragnar Relay Team	Various	02/26-27/10
American Diabetes Assn	North Phoenix	03/13/10
Mesquite Canyon Trail Runs	White Tanks Mtn Regional Park	03/20/10
Bike MS Ride 2 Day Event	Florence	03/27/10
Tour de Paradise	Phoenix/Paradise Valley/Anthem	04/10/10
March of Dimes March for Babies	Wesley Bolin Plaza (State Capitol)	04/17/10
Highline Trail Run	Payson	04/24/10
AZ Emergency Net - Maricopa Picnic	Payson - Houston Mesa Campground	05/15/10
Barn Burner Mtn Bike Race	Kendrick Mtn, Near Flagstaff	06/19/10
Cactus Cha-Cha	White Tanks Mtn Regional Park	10/09/10
Cave Creek Mtn Bike Ride	Cave Creek Area	11/13/10
Cave Creek Road Ride	Cave Creek Area	11/14/10

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@n7qvw.net](mailto:jim@n7qvw.net)  
 Brian McCarthy, N7TUQ - 623.486.0507 - [n7tuq@arrl.net](mailto:n7tuq@arrl.net)



W7ASC QSL Card



Happy Valentines Day!



# Old Pueblo Radio Club INTERMOD

## President's Column

If all goes according to plan, the Old Pueblo Radio Club should have held its first general meeting of the year by the time you read this. We hope all members, guests and visitors will have had a good time. Because of the holidays, the new board has not yet met, but will do so before the end of January to plan the course of the club's activities for the year.

Of course, with the beginning of the year comes the time for payment of dues. All contributions are greatly appreciated.

This letter is short but I should have more information by next month.

73 de  
Ron Kalish, N7SPW  
President, OPRC

<i>OPRC Repeaters</i>			
146.66	- PL 110.9	wide coverage	W7GV
146.82	- PL 110.9	wide coverage	W7GV
147.22	- PL 110.9	wide coverage	W7GV
<i>RACES Repeaters</i>			
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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WORLDWIDE DISTRIBUTION

Manufacturer Day in Salem NH - Aug 22!

Special one day only pricing at ALL 12 HRO STORES

(Salem only) - Hourly Prices -

- Meet Mfr. Reps -

- See the latest gear -

- Refreshments -

10:00 - 5:30 pm

(No advance reservation necessary)

## 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 Blvd., 91506  
(818) 842-1786  
**(800) 854-6046**  
Eric, K8EJC, Mgr.  
Magnolia between  
S. Victory & Buena Vista  
burbank@hamradio.com

## OAKLAND, CA

2210 Livingston St., 94606  
(510) 534-5757  
**(800) 854-6046**  
Mark, W17YN, Mgr.  
I-880 at 23rd Ave. ramp  
oakland@hamradio.com

## SAN DIEGO, CA

5375 Kearny Villa Rd., 92123  
(619) 500-1900  
**(800) 854-6046**  
Hay, 163 & Claremont Mesa  
saddiego@hamradio.com

## SUNNYVALE, CA

510 Lawrence Exp., #102, 94005  
(408) 736-9406  
**(800) 854-6046**  
Jon, K6WV, Mgr.  
So. from Hwy. 101  
sunnyvale@hamradio.com

## NEW CASTLE, DE

(Near Philadelphia)  
1509 N. Dupont Hwy., 19720  
(302) 322-7092  
**(800) 644-4476**  
Jim, K3JN, Mgr.  
RT.13 1/4 mi., So. I-295  
newcastle@hamradio.com

## PORTLAND, OR

11705 S.W. Pacific Hwy.,  
97223  
(503) 598-0555  
**(800) 854-6046**  
Leon, W7AD, Mgr.  
Tigard-99W exit  
from Hwy. 5 & 217  
portland@hamradio.com

## DENVER, CO

8400 E. 31st Ave., #8, 80231  
(303) 745-7373  
**(800) 444-9476**  
John, WB1G, Mgr.  
denver@hamradio.com

## NEW LOCATION!

## PHOENIX, AZ

10615 N. 43rd Ave., 85029  
(602) 242-3515  
**(800) 444-9476**  
Gary, N7GJ, Mgr.  
Corner of 43rd Ave & Pactor  
phoenix@hamradio.com

## ATLANTA, GA

6071 Buford Hwy., 30340  
(770) 263-0700  
**(800) 444-7927**  
Mark, KJ4VD, Mgr.  
Doraville, 1 mi. no. of I-285  
atlanta@hamradio.com

## WOODBRIIDGE, VA

(Near Washington D.C.)  
14803 Bulfinch America Dr. 22101  
(703) 643-1063  
**(800) 444-4799**  
Steve, W4SHG, Mgr.  
Exit 161, I-95, So. to US 1  
woodbridge@hamradio.com

## SALEM, NH

(Near Boston)  
224 N. Broadway, 03079  
(603) 898-3750  
**(800) 444-0947**  
Chuck, N1UC, Mgr.  
sales@hamradio.com  
Exit 1, I-93;  
28 mi. No. of Boston  
saalem@hamradio.com

## Yaesu Summer Specials Good Thru 8-31-09



### FT-897D VHF/UHF/HF Transceiver

- HF/6M/2M/70CM • DSP Built-in
- HF 100W (20W battery)
- Optional PS - Tuner • TCXD Built-in

Call Now For Our Low Pricing!



### FT-950 HF + 6M TCVR

- 100W HF/6M
- Auto Tuner built-in
- 3 roofing filters built-in
- DMU-2000 Compatible

Call Now For Low Pricing!



### FT-8800R 2M/440 Mobile

- V-U/V-V/U-U operation
- V-U full duplex • Cross Band repeater function
- 50W 2M 35W UHF
- 1000+ Memory channels
- WIRES ready

Call Now For Low Pricing!



### VX-3R 2M/440 HT

- Ultra-Compact Dual-Band HT w/ Wide band RX
- 1.5W RF out 2m/ 1w RF out 440
- WIRES Compatible
- 1000 Memory channels
- AA Battery compatible w/Optional FBA-37

Call For Low Intro Price!

### FT-60R

- 2m/440 HT
- SW Wide-band receive
- CTCSS/DCS Built-in
- Emergency Auto ID

Low Price!



### VX-7R/VX-7R Black

- 50/2M/220/440 HT
- Wideband RX - 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

Now available in Black!

### VX-6R

- 2M/220/440HT
- wideband RX - 900 memories
- SW 2/440, 1.5W 220 MHz TX
- Li-Ion Battery - EAI system
- Fully submersible to 3 ft.
- CW trainer built-in

NEW Low Price!

### VX-8R

- 50/144/222/440 Handheld
- 5w (1W 222)
- Bluetooth optional
- waterproof/submersible 3 ft. 30 mins
- GPS/APRS operation optional
- Li-Ion Hi-capacity battery
- wide band Rx

NEW!



### FT-857D

- Ultra compact HF, VHF, UHF
- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel (VX-857 required)

Call for Low Price!



### FT-7900R 2M/440 Mobile

- 50w 2m, 45w on 440mhz
- Weather Alert
- 1000+ Mems
- WIRES Capability
- Wideband Receiver (Call Blocked)

Call Now For Your Low Price!



### FT-2000/FT2000D HF + 6M tcvr

- 100 W w/ auto tuner • built-in Power supply
- DSP Filters / Voice memory recorder
- 200W (FT-2000D)
- 3 Band Parametric Mic EQ • 3 IF roofing filters

Call For Low Pricing!



### FT-450AT HF + 6M TCVR

- 100W HF/6M • Auto Tuner built-in • DSP Built-in
- 500 Memories • DNR, IF Notch, IF Shift

Call Now For Special Pricing

AZ, CA, CO, GA,  
VA residents add  
sales tax. Prices,  
specifications,  
descriptions,  
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HRO Home Page  
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**SCOTTSDALE**  
**SPRING HAMFEST**

SPONSORED BY ARCA AND  
THE SCOTTSDALE AMATEUR RADIO CLUB

**SATURDAY**  
**MARCH 13, 2010**

RAFFLE PRIZES  
TABLE SPACE DONATION \$10  
FREE PARKING  
VE TESTING  
REFRESHMENTS  
RV PARKING  
ARCA MEETING AT 11:00 AM

FORT McDOWELL CASINO  
HIGHWAY 87 & FORT McDOWELL ROAD  
2 MILES PAST SHEA BLVD OFF THE BEE-  
LINE HIGHWAY  
TALK-IN FREQUENCY 147.36 pl 162.2  
OPENS 6:00 AM

FOR MORE INFORMATION: [scottsdaleamateurradioclub.ning.com](http://scottsdaleamateurradioclub.ning.com)

NO GUNS - NO DRUGS - NO ALCOHOL



# TECHNICIAN AMATEUR RADIO LICENSE CLASSES SPRING 2010

Starting Saturday, February 20<sup>th</sup>, 10:00AM to 1:00PM at Mesa Community College (Southern & Dobson in Mesa), room (TBD)

**Based on the Technician License question pool as of July 1st, 2006**

Instructor: Bob Burleson, KG7QJ

**Saturdays Feb. 20<sup>th</sup> - Apr. 10<sup>th</sup> 10:00am to 1:00pm**

Six 3-hour sessions MCC Fee \$31\*\*

**Amateur License test at MCC Saturday, April 10<sup>th</sup>**

To register call MCC Community Education at  
**480-461-7493 -- Class Number 61164**

\*\*Required text "Ham Radio License Manual" (1<sup>st</sup> edition, third printing), will be available from the instructors at the first class for \$20. The fee for the FCC Amateur License test is \$15 and can be paid by cash or check at the VE Test session April 10<sup>th</sup>.

## HF/VHF/UHF

**SIGN UP TODAY** for the MCC Technician license classes. Earn your Amateur Radio license in just 6 weeks. The classes are planned to prepare you for the FCC Amateur Radio Technician license. Class material is based on the ARRL book "Ham Radio License Manual" (1<sup>st</sup> edition) containing the new Technician license question pools as of July 1<sup>st</sup>, 2006. **No Morse Code is required.**

"Hams" with the Technician FCC Amateur Radio license have

privileges on all Amateur frequencies above 50 MHz.

**Technician frequency privileges have changed as of February 2007 to include SSB operating modes on the 10 meter band, and CW on the 15, 40, and 80 meter HF bands.** On UHF and VHF you can operate FM voice, Amateur TV, Packet, Satellite, IRLP, and many other modes.

One of the more popular is FM voice operation on the 2 Meter VHF and 70-cm UHF bands.

**Technician licensees can help their communities** by assisting in Public Service events, search and rescue, and as communication links in times of disaster.

The **No-Code Technician amateur radio license testing session** will be **Saturday, April 10<sup>th</sup>** at MCC. Other testing opportunities will be announced. If you are interested in getting an Amateur Radio license or getting back into Amateur Radio, contact MCC Community Education at 480-461-7493 or 461-7494.

**See Class Outline on Back.**

The Maricopa County Community College District is an EEO/AA institution



1/18/2010





# Technician Amateur Radio Class Outline

## Spring 2010

For more information contact Bob Burleson, KG7QJ, at 480-961-1109 or e-mail at [kg7qj@arrl.net](mailto:kg7qj@arrl.net)

### Class #1 2/20/2010

Introduction to Amateur Radio, Radio Frequency Spectrum and Licensing, Operating and FCC Regulations.

### Class #2 2/27/2010

Operating Practices, HF/VHF/UHF Operation, Repeaters, 2 Meter Operation and Equipment. Emergency and Public Service communications

### Class #3 3/6/2010

Metric system, Electric Principles & Basic Electricity, Ohm's Law, Series & Parallel Circuits, Using Test Equipment

### Class #4 3/13/2010

FCC Rules and Regulations, Control Operator, Station License. Safety in the Ham Shack, Electrical Wiring Safety, Station Layout for Safety, Common Technical Problems, RF safety.

### MCC Spring Break 3/20/2010 -No Class

### Class #5 3/27/2010

Radio Modulation, Bandwidth, Emissions (CW, SSB, AM, FM, RTTY, etc.), HF Bands & 10 Meters.

### Class #6 4/3/2010

Intro to RF Propagation, Types of Radio Propagation, Antennas, Feed Lines, Wave Polarization, Dipole, Vertical and Beam Antennas, Antenna Measurements

### VE Test Session 4/10/2010

Amateur License Testing Session at MCC. Room to be announced.

### Amateur License Exam Info:

<b>West Valley ARC:</b>	David, N7TWT	<a href="mailto:n7tw@cox.net">n7tw@cox.net</a>	-
<b>AZ DESERT 10-X INT'L:</b>	Steve, KY7W	<a href="mailto:kj7wk@cox.net">kj7wk@cox.net</a>	480-643-0033
<b>Arizona ARC:</b>	George, KQ7C	602-274-6212	

### Other Classes available:

**Thunderbird ARC (North Phx):** Contact Jack, KD7RCJ at 602-242-2411

### Technician Class in Mesa:

Mesa Fire Station # 202 Community Room / East side of building  
Contact Larry Randall KA7UIH 480-655-9473 or ka7uih@excite.com

**ARRL Amateur Radio Class search:** <http://www.arrl.org/FandES/courses/>