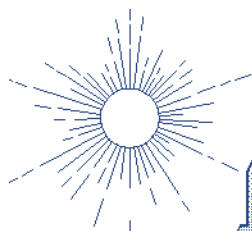


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 35, No 8

August 2010

CLUB MEETINGS SCHEDULE

SARC
Aug 4th
Scottsdale Senior Center
7:30 PM

AARC
Aug 12th
Red Cross Bldg. - Phx
7:30 PM

OPRC
Sep 8th
AZ Bldg at Tucson Medical Ctr
7:15 PM

CARL
TBA
AZ Science Center
TBA

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.

QCWA
Oct 2nd
Monti's Restaurant - Tempe
12:00 Noon

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	Gerald Jacques	KE7GYM	480.239.8679
Board Members	Jerry Jacques	KE7GYM	480.239.8679
At-Large	Paula Jones	KD7TNB	
	Dreux Jacques	KB8YYA	
	Louis Schmitt	NQ7I	
	Skip Moretti	K7OAH	602.952.2649
	Alan Jensen	KE7FSD	
	Judy Jensen	KE7IXI	
	Stephen Thomas	KE7TLS	

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	Tom Salt	AD7PM	480.926.0348
Secretary	John O'Neal	K7JP	480.345.7800
Treasurer	Larry Foster	KC0JON	480.767.0593
Board Members	Ray Waddoups	KE7FUM	480.654.9883
	David Zinder	W7PMD	602.358.7826
	Jordan Snell	KC7CWX	480.844.3744

Web Master, ARCA Rep - 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	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.

QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 16 - BARRY M GOLDWATER ARIZONA CHAPTER

The Barry M Goldwater Arizona Chapter of the QCWA includes amateurs from all over Arizona. Four luncheon meetings are planned each year. The meeting months and locations are announced by newsletter, but generally follow the following schedule:

Spring Meeting	March/April	Tucson Area
Summer Meeting	June/July	Prescott Area
Fall Meeting	October	Phoenix Area
Holiday Meeting	December	Carefree Area

The AZ Chapter meets on the air every Sunday morning at 0700 MST (0730 during December and January) on 3890 +/- QRM.

President	Douglas Besemer, K0VPL	
		motoman1@aol.com
Vice President	Jean Jolkovski, W4CIH	
		jeanjol@hotmail.com
Sec/Treasurer	Robert McCuskey, W7BV	
		mccuskey@email.arizona.edu
Webmaster	Robert Smith, WB6ODR	
		lrsmith@cableone.net

AZ QCWA, Robert S. McCuskey, W7BV, Email: mccuskey@email.arizona.edu. DUES: \$7.00/year and current national QCWA membership. Web Site: <http://azqcwa.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

Hi all,

Did you get a chance to attend the Williams Hamfest? We made it up to Williams Friday evening after surviving a torrential downpour through Verde Valley on I-17. The grounds were pretty well cleared out by the time we got there. A monsoon storm had made its way through Williams earlier (probably the same one that caught us) and most things were shut down for safety's sake. Even though there was a light rain when we arrived, we welcomed the chill after packing the trailer in the 117 degrees of the Phoenix valley.

Saturday was a great day. No rain and lots to see. The Arizona Near Space Research group launched a balloon on the grounds at 8:00 A.M.. The balloon rose straight up in the air before veering off and then heading back in the other direction to land not too far from where it was launched. It was very interesting to all who were able to see it.

The Saturday night BBQ was held at Railside RV Ranch and was, as usual, delicious. Pulled pork, chicken legs, corn on the cob and cowboy beans were served with a piece of grilled toast and topped off with a brownie confection for dessert. The 2010 Ham of the Year was announced and awarded to Lee Ilse, KD7OED for his dedication and tireless efforts. Congratulations, Lee.

A small group of attendees made the trip to the Grand Canyon on Sunday and had a good time there. Unfortunately, there weren't enough takers for the trip to get a good discount on tickets. It's a fun trip, so hopefully there will be more interest next year.

We welcome a "new" club to the ADAW family. The Barry M. Goldwater Arizona Chapter (Chapter 16) of the Quarter Century Wireless Association joins the pages of ADAW this month to bring its news to club members and all ADAW readers. We're glad to have you with us.

The Old Pueblo Radio club will hold its annual event on October 16 this year. Not much information has been received on the event yet, but it will be held at the usual place. This event has been growing every year, so plan to check it out.

There's a "new" hamfest on the calendar. The Mohave Amateur Radio Club will hold its hamfest on November 6 at Centennial Park. It promises to be a good one.

In December, we'll all be gathering in Mesa for the Superstition Hamfest at Mesa Community College. Watch for details on this yearly event as time grows closer.

Enjoy the rest of your summer and try to stay cool.

73,
Chris, N7PVL



Public Service Calendar

EVENT	LOCATION	DATE
Cactus Cha-Cha	White Tanks Mtn Regional Park	10/09/10
Javalina Jundred	McDowell Mtn Park	10/23/10
Heart of Arizona Century Congress		11/06/10
Cave Creek Mtn Bike Ride	Cave Creek Area	11/13/10
Cave Creek Road Ride	Cave Creek Area	11/14/10
Fiesta Bowl Half Marathon	Scottsdale	12/05/10
Runner's Den Road Classic	Paradise Valley Mall, Scottsdale	02/06/11
Mesquite Canyon Trail Ride	White Tanks Mountain Park	03/12/11
Run Around the Runway	Scottsdale Air Park	03/19/11
March of Dimes for Babies	Wesley Bolin Plaze (State Capitol)	04/09/11
Highline Trail Run	Payson	04/16/11

To sign up send email to: mcecg@yahoo.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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SCOTTSDALE AMATEUR RADIO CLUB, INC.



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

Hi Guys,

June and July are always full of excitement with camping, hamfests and, of course, field day. The Show Low hamfest was very good with mild mountain temperatures and a lot of old goodies I could not live without. There were a few old friends that made the trip even better.

We usually make a camping trip out of a hamfest, but this time we just made it for the day. I have been too busy lately to do otherwise.

This year's field day for the club simply did not have as much enthusiasm. We tried to get anyone interested in going to field day in Chino Valley to step forward and help put something together, but our small group just couldn't do it. I had sort of planned on going to the EOC to operate, but I could not find the time. Instead, I worked out of my own ham shack for a short time. I had very little time to operate, however, the time I spent operating was very enjoyable. When I first turned on the rig, who do I hear but W2GD in New Jersey. These are the guys that usually take the first place in 4A and in years past we have always been in strong competition with them. We did beat them one time about 12 years ago. Well, the band was very busy with a lot of signals from all over the country. I worked the CW portion of the band for only about three hours. I was trying to work all states so I was selective on the calls. I only tried to contact calls I thought were in states I had not worked. This did not work out as well as I had hoped and I fell short of all states. But it sure was fun trying.

We took a great vacation trip to up state New York with our daughter and her daughter. The temperature there was in the 80's with 80 percent humidity, but just plain fantastic summer days. We had two family reunions to attend and that was really great to see and visit with family from all over the country. In between reunions, we went to an area where Amish people live. There was an outside park-and-swap with more horse and buggies than cars. Everyone there was very friendly. They waved and we had a few conversations. Our grand daughter Brandi, is 10 years old and not at all shy. She had no trouble talking with some of the Amish kids that were all over the place. They were bare foot and that really interested her. She wanted a bonnet like the ones the girls were wearing, so we got it for her and an apron hand made by these artisans. These people make all kinds of things, produce of course and furniture, clothing and quilts. Outstanding craftsmanship. We took a day trip to Canada to see the Niagara Falls from the Canadian side. We did the tourist thing and got a day pass for the major attractions. The Maid of the Mist ride was the highlight of the day. The tremendous beauty

of the river and the falls with the heavy spray in the air is breath taking. This was a vacation to remember. And we took hundreds of pictures. Can't wait till next year and another great trip.

Finally, here comes summer and the monsoon. I hope we get some rain, but you never know. We may get some severe weather from those big boomers that drift into the valley. You can get on your computer and check out the storms that are in the area. Rick Aldom, W7STS gave us a great program on weather a few months ago. You can get on wunderground.com and take a look. Be a storm chaser.

The week of July 16, 17 and 18 I am planning on attending the Williams Hamfest. I am not sure where we will be camping, but I will give you a full report on our adventures there next month. There have been some forest fires up there and I hope the event is not marred by that terrible spectacle. I know there will be a lot of you guys out there that will be attending. Let me know of your adventures and I will use them in this newsletter.

The club has a weekly net on 147.18 with a PL of 162.2. It is a general conversation net and I usually am net control. We talk about things of interest to all hams. Check us out.

Well, that is all I have for now. Until next month, keep on hamming and enjoying life.

73 Ed WU7S
enickerson427@aol.com

ADAW

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 Gerald Jacques, KE7GYM at 480.239.8679. Please send address change requests to Gerald 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.





CHAPTER 16

BARRY M. GOLDWATER ARIZONA CHAPTER

The QCWA Chapter 16 - Barry M. Goldwater Chapter as a new participant in ADAW is trying to increase its exposure to the Arizona amateur radio community. To this end, we also recently established our own web site which is <http://azqcwa.org>.

Chartered on October 11, 1962, we are an active chapter covering the State of Arizona and currently have approximately 70 members throughout Arizona. We hold four luncheon meetings each year, each with a talk on a subject of current interest, have a weekly Sunday morning net on 75 meters, publish a newsletter quarterly, and as a group, or as individuals, participate in public service events and hamfests. In 1992, we sponsored the QCWA National Convention in Scottsdale.

We welcome any current members of the national QCWA to join us. Our next luncheon meeting is scheduled for Saturday, October 2nd at Monti's Restaurant, 100 S. Mill Ave., Tempe. We start gathering about 11:00, will have lunch at 12:00 followed by a talk by our president and his xyl, Doug (KØVPL) and Nancy (NØQNB) Besemer, about their activities in radio communications for the Maricopa County Sheriff's Posse, and conclude with a short business meeting. For further information about the QCWA and/or our luncheon meetings, please contact me.

73,
Bob McCuskey, W7BV
Sec./Treas., QCWA -AZ Chapter
mccuskey@email.arizona.edu



The W7ASC shack modifications and changes are in the approval progress and expected to be finalized next week (7/26). Go to <http://w7asc.org/tour.html> for photos of where the Shack is at currently. We also have made several advances to the equipment and operation in the Shack thanks to Steve, WB4ZSC, and Stuart, AE7SS. Unfortunately I will have to fill in on the details of this next time as I left my notes in my pocket on a memory stick . . . which went into the wash. Thumb drives are not waterproof!

Meanwhile, the construction and modifications at the Science Center continue. See the ASC web page at http://www.azscience.org/construction_updates.php The 2010 General License class is underway. We had to draw maps for the General Class students so they could find their way from the NW 5th street entrance (2nd floor), to the 3rd floor and then all the way East and down to the 1st floor and then East some more to the basement. We have 10 students signed up and all were able to find the class room! We have one possible "Grandfathered" General that held a pre-1987 Tech license. QCWA members are researching as we speak.

The next Tech License class will begin Saturday, October 16th at Mesa Community College. Lots of changes to the new Tech 2010 question pool.

The W7ASC Shack is on "Summer Hours" for August through to Labor Day when we go back to two shifts per day. We can always use new W7ASC volunteers. Spread the word at your Ham Club. Call 480-961-1109 and volunteer now. We have a NEW CARL PPT Presentation available (operators are standing by) that can be presented to your club.

73
Bob Burlison

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Another fabulous Field Day is over, and once again the Arizona Amateur Radio Club finished with an appreciation of the yearly event. Yes, there were drooping eyelids after members participated in this marathon event, but again we have reinforced our realization that our members are intelligent and accomplished amateur radio operators who are willing to give an immense amount of time and effort in order to fulfill the goal of Field Day, which is “to work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions.” We did just that. We worked as many stations as possible even if it interrupted our normal sleep patterns, and yes, it was done under abnormal conditions. Maybe the most challenging conditions occurred during setup and take down. The Midwest stations may have enjoyed the summer temperatures, a real picnic, but here in Arizona we worked for hours on Friday, Saturday, and again on Sunday setting up and taking down antennas, hauling equipment, moving heavy generators, and working on a sunny rooftop – in temperatures above 110 degrees.

One can't help but have a new appreciation for specific skills of individual club members, skills that have existed all year with no recognition on the part of others. It isn't until Field Day that we see the CW skills of several of our members, some attained thanks to the U.S. government during military service. Additionally, I still wonder at the ingenious method of shooting an arrow into the air in order to establish antennas at heights difficult to reach any other way. Our George Cooney, KQ7C, usually hits the spot on the first try. I am also amazed at the variety of operating techniques which vary from one operator to another. Even seasoned amateurs who have operated for many years can learn new operating procedures when working as a team with another operator. I did just that. There are many small but effective “tricks” to getting that evasive station to respond. Finally, our Field Day gave opportunities to a couple of our amateur radio operators who had never transmitted to get a chance to experience the thrill, maybe the mic fright, but always the excitement of operating. These are all positive side benefits of Field Day. It's well worth the efforts required.

Now you've heard my thoughts on Field Day. At last

night's meeting the AARC members expressed their feelings to me about Field Day, and I report them to you here. The responses showed a unanimous appreciation and enjoyment of the teamwork shown among the group. Although all the members who worked on Field Day did it in a spirit of cooperation, several members pointed out that it would have been nice to have more participation from some of the inactive members, especially in the setting up of equipment and in operating during the wee hours of the morning. Four of our attendees admitted to learning a great deal from the Field Day experience, partly because of the help given them by more experienced ham operators and partly because of this opportunity to operate and observe in a comfortable amateur radio environment. Ken, N7PHO, feels that the use of computers for logging was very advantageous. It is clear that everyone was satisfied with the 441 contacts made, as well as some DX to Japan and New Zealand, a definite improvement over previous years, and this accomplishment was made with the help of thirteen radio amateurs working together. John, K7JHK, believes that sleeping those few hours on a cot rather than in his own bed cured his backache. I'm not convinced that we can credit that to Field Day, but at tonight's meeting I heard a few comments concerning “next year's Field Day.” Both George, KQ7C, and Bob, K7JJT, said, as did amateurs throughout the country, that after all that work, FOR THE 20TH TIME, this is our last Field Day. Now that they have caught up on lost sleep, I can almost guarantee that with their expert help and that of our other dedicated members, we'll do even better in 2011.

73,

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

2010 AARC Field Day



Event Calendar

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(-) P1 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.

October 16, 2010 - **OPRC Hamfest** - hosted by the Old Pueblo Radio Club will be held in Tucson. Watch for updates.

November 6, 2010 - **Kingman Hamfest** - hosted by the Mohave Amateur Radio Club will be held at Centennial Park (West Side), 3333 Harrison St, Kingman. Event hours are 7:00 AM until 4:00 PM. Food - Prizes. Contact: Bill Smith, KD7MIA at 928.565.1136 or email bill1021@mpgcable.com.

December, 2010 - **Superstition Hamfest** - hosted by the Superstition Amateur Radio Club. Watch for details.

January 8, 2011 - **Thunderbird Hamfest 2011** - hosted by the Thunderbird Amateur Radio Club will be held at the Thunderbird School of Global Management, Greenway Road and 59th Avenue, Glendale. Details to follow.

February 18 - 19, 2011 - **Yuma Hamfest & Emergency Preparedness Show** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at the Yuma County Fairgrounds, 2520 E 32nd Street, Yuma. Event hours: Friday, noon - 5:00 PM and Saturday, 8:00 AM - 5:00 PM. Gates open Thursday, 2:00 PM for camping. VE testing, hourly door prizes, grand prizes, seminars, and hospitality area. ARCA meeting at 11:00 AM Saturday. Admission \$1.00 - Free parking. Contact email - info@yumahamfest.org. Web site - www.yumahamfest.org

March, 2011 - **SpringFest** - hosted by the Scottsdale Amateur Radio Club. Watch for updates.

May 7, 2011 - **Larry Warren Memorial Hamfest** - hosted by the Cochise Amateur Radio Association will be held at Green Acres, 2756 Moson Road, Sierra Vista. Watch for details.

July 15 - 17, 2011 - **ARCA/Williams Hamfest** - hosted by the Amateur Radio Council of Arizona will be held at the Williams Rodeo Grounds, 800 Rodeo Rd, Williams. ARCA meeting at 4:00 PM on July 16. Watch for updates.

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.

AUGUST TEST SESSIONS

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

Aug 14th - Yuma ARC -- 10:00 AM
Yuma County Sheriff Office, 141 S 3rd Ave, Yuma
Contact - Robert Spencer 928.344.6469
or Beverly White 928.342.9460
No Walk-Ins - Must Pre-Register

Aug 16th - East Valley VE Team -- 6:00 PM
City of Mesa Bldg, 640 N Mesa Dr, Mesa
Contact - Steve Gurley 480.704.3666

Aug 17th - Mohave ARC -- 2:00 PM
Rotary Park, Hwy 95, Bullhead City
Contact 928.704.7088

Aug 20th - Tonto ARA -- 6:30 PM
Payson Public Library Meeting Room, 328 N McLane Rd, Payson
Contact - Darde De Roulhac 928.468.1487

Aug 21st - 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



Old Pueblo Radio Club INTERMOD

President's Column

The Old Pueblo Radio Club continues to be on its summer hiatus. We will resume meetings in September.

On the agenda will be the annual OPRC Swap meet, scheduled for 16 October 2010 at its usual site, which is now reserved. Until then, have a great summer.

73 de,
Ron Kalish, N7SPW
President, OPRC

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anaheim@hamradio.com

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

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2210 Livingston St., 94606
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(800) 854-6046
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I-880 at 23rd Ave. ramp
oakland@hamradio.com

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saddiego@hamradio.com

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sunnyvale@hamradio.com

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(800) 854-6046
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

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8400 E. 31st Ave., #8, 80231
(303) 745-7373
(800) 444-9476
John, WB1G, Mgr.
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NEW LOCATION!

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10615 N. 43rd Ave., 85029
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(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
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FT-857D

- Ultra compact HF, VHF, UHF
- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
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FT-7900R 2M/440 Mobile

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- 1000+ Mems
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- 100 W w/ auto tuner • built-in Power supply
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TECHNICIAN AMATEUR RADIO LICENSE CLASSES FALL 2010

Starting Saturday, October 24th, 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, 2010

Instructor: Bob Burleson, KG7QJ

Saturdays Oct. 24th - Nov. 20th 10:00am to 1:00pm

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

Amateur License test at MCC Saturday, Dec 4th

To register call MCC Community Education at
480-461-7493 -- Class Number [TBD]

**Required text "Ham Radio License Manual" (1st 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 10th.

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" (1st edition) containing the new Technician license question pools as of July 1st, 2010. 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, Dec. 4th 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



7/27/2010



Technician Amateur Radio Class Outline

Fall 2010

For more information contact Bob Burleson, KG7QJ, at 480-961-1109 or e-mail at kg7qj@arrl.net

Class #1 10/16/2010

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

Class #2 10/23/2010

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

Class #3 10/30/2010

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

Class #4 11/6/2010

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.

Class #5 11/13/2010

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

Class #6 11/20/2010

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

Thanksgiving Weekend [No Class]

VE Test Session 12/4/2010

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

Amateur License Exam Info:

West Valley ARC:	David, N7TWT	n7tw@cox.net	-
AZ DESERT 10-X INT'L:	Steve, KY7W	kj7wk@cox.net	480-643-0033
Arizona ARC:	George, KQ7C	602-274-6212	

Other Classes available:

Thunderbird ARC (North Phx): Contact Jack, KD7RCJ at 602-242-2411
eMail j.lunsford@cox.net

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/courses/>