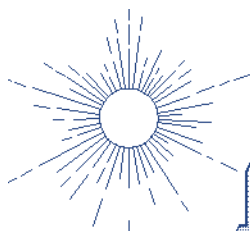


**ADAW**

4529 W. Park Place  
Glendale, AZ 85306-1512



**ADAW**

**Arizona Desert Aire Waves**

Vol 35, No 4

April 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**

Apr 7th  
Scottsdale Senior Center  
7:30 PM

**AARC**

Apr 8th  
Red Cross Bldg. - Phx  
7:30 PM

**OPRC**

Apr 14th  
AZ Bldg at Tucson Medical Ctr  
7:15 PM

**CARL**

TBA  
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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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

Three months of 2010 are already gone. It's amazing how quickly time passes.

House Bill 2615 is again being voted on by the Arizona legislature on March 31. This is the bill to allow amateur antenna installations in all areas, including within HOA (Home Owner Association) neighborhoods. Members of the amateur community are being asked to contact their district representative urging them to support this bill.

Did you make it to SpringFest this year? For the first time in many years, the annual SpringFest hamfest was not held at Scottsdale Community College. The Scottsdale Amateur Radio Club hosted the event at the Fort McDowell Casino. What a great place for a hamfest!

Unfortunately, the casino folks didn't know exactly what a hamfest was all about, or how many people it would bring. They inadvertently scheduled another event for the same day - the Garage Sale event. Compounding the issue was a third event that was scheduled in another part of the parking lot at the last minute. Crowds were terrific! The good part was people wound their way through all three events creating bigger crowds and more interest for all three. The downside was parking - lots of cars without enough places to put them - and the hamfest could have used more space than was allotted. The good news is now that the first year is "under their belts," the casino folks will have a better idea of just what the hamfest needs and will hopefully work with the Scottsdale club to make next year's SpringFest great for everyone.

Great hamfest SARC! Thanks for all your hard work making it happen. Looking forward to next year!

The next hamfest in Arizona is AARC's annual event at DeVry University. There's a flyer in this month's edition of ADAW with all the details. Hope to see you all there.

The Cochise Amateur Radio Club will hold the annual Larry Warren Memorial Hamfest on May 1 at the club grounds in Sierra Vista. It's an up-and-coming event and sure to please. With the close proximity of Sierra Vista to such places as Bisbee and Tombstone, it's worth planning a weekend to take in the hamfest and explore southeastern Arizona. The weather at this time of year is wonderful. Check it out!

Enjoy our "Chamber of Commerce" weather. Get out and do some "hamming." It'll soon be too hot to do much outside here in the deserts, so take advantage while you can.

See you next month.  
Chris, N7PVL



THE ARIZONA AMATEUR RADIO CLUB  
PRESENTS  
ITS EIGHTEENTH ANNUAL

# HAM-FEST

To be held on SATURDAY APRIL 10, 2010  
From 0600 to 1200 at DEVRY UNIVERSITY

(South Parking Lot)

2149 W. Dunlap Ave., Phoenix, AZ

Help support your ham radio hobby.

\$2.00 admission includes hourly prize ticket

Tailgating \$10.00 per space

Commercial vendors

Hourly prizes

Coffee and doughnuts

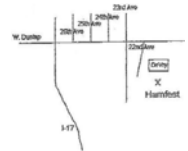
BUY - SELL - TRADE

SPEND A DAY WITH FRIENDS



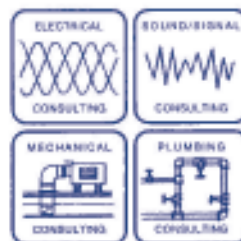
Talk-in on 147.060 (+). For more info,  
Club net each THURSDAY, same  
Frequency, at 19:30.  
All clubs are encouraged to attend and  
Set up a booth. To reserve a space call

GARY HAMMAN K7GH 602 996-8148



**ADAW**

## R.J. CARLI ENGINEERING CORP



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SCOTTSDALE, ARIZONA 85251

RAYMOND J. CARLI, P.E.  
ELECTRICAL ENGINEER  
W7GNE

(480) 941-8810 (OFF.)  
(480) 945-7020 (FAX)

## EVENT CALENDAR

## LICENSE TESTING INFORMATION

April 10, 2010 - **AARC Ham-Fest** - hosted by the Arizona Amateur Radio Club will be held at DeVry University, 2149 W Dunlap Ave in Phoenix. Hours are 6:00 AM 'til 12:00 noon \$2.00 Admission includes hourly prize ticket. Tailgating - \$10.00 per space. Commercial vendors, hourly prizes, coffee and donuts. Talk-In 147.060 (+). Contact: Gary Hamman, K7GH at 602.996.8148 for more information.

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 Williams 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 [www.w7yrc.org](http://www.w7yrc.org) for more information. Contact - Terry Pemberton - Phone: 928.445.8126 - Email: [kb7tre@cableone.net](mailto:kb7tre@cableone.net).

June 5, 2010 - **White Mountain Hamfest** - hosted by the Kachina Amateur Radio Club will be held at the Show Low Junior High School, 500 W Linden Rd in Show Low. Gates open at 7:00 AM. Admission is \$100 per person/vehicle. Tailgaters/Vendors, \$5. Overnight camping permitted Friday night for \$5, must be self-contained. VE Testing at 9:00 AM, ARCA meeting at 11:00 AM. Talk-In Frequency - 145.31 (PI 110.9) - backup 146.61 (PI 162.2). Visit the website at [www.whitemountainhamfest.com](http://www.whitemountainhamfest.com) for more details.

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).

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.

### APRIL TEST SESSIONS

**April 1st** - Radio Society of Tucson -- 7:00 PM  
Lighthouse YMCA, 2900 N Columbus Blvd, Tucson  
Contact - Matthew Grossman 520.750.7189  
Pre-Registration Preferred

**April 3rd** - DeVry ARC & West Valley ARC -- 9:00 AM  
DeVry University, 2149 W Dunlap, Phoenix  
Contact - David Morrill 623.925.0680

**April 10th** - 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

**April 13th** - Mohave ARC -- 6:00 PM  
3975 E Snavely Ave, Kingman  
Contact - William Smith 928.565.1136

**April 17th** - 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

**April 19th** - East Valley VE Team -- 6:00 PM  
City of Mesa Bldg, 640 N Mesa Dr, Mesa  
Contact - Steve Gurley 480.704.3666


**April 20th** - Boy Scout Troop 127 -- 8:00 PM  
St Francis Xavier School, 4715 N Central, Phoenix  
Contact - John Kelly 602.267.6854

**April 24th** - 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

**April 24th** - Thunderbird ARC -- 9:00 AM  
Thunderbird School of Global Mgmt, 15249 N 59th Ave,  
Snel Bldg. 103, Rm 23, Glendale  
Contact - John Lunsford 602.242.2411



**SCOTTSDALE AMATEUR RADIO CLUB, INC.**



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

Hi Guys,

I am writing this column before our Spring Hamfest takes place but it sure looks like it is going to be a huge success. I have been receiving e-mails and phone calls by the dozen from all over the place about the event and even the weather man is trying to cooperate and provide a beautiful sunny day. I hope this is not wish full thinking.

The program for the March 3rd meeting was by Clark Jones, KI7TU, on solar power. If you missed it, you missed a very informative program. There was a larger than normal crowd attending the program. I am interested in solar power for my home and he went through the whole thing. He had a lot of valuable data and reasons to set the system up without storage batteries. I am looking into this same set up. It is still pricy but actually a little less expensive now than in 2006 which is when Clark did his system. I will let you all know how it goes.

Our program for the April 7th Club meeting is going to be a dx-pedition to Honduras by Bob Johnsen K7TR and Larry Foster KC0JON. They are traveling there to provide communications for a medical team that works with the people that live in remote jungle areas. Their program will be a real travel log on that South American Country.

And of course, it is Spring time and everything is growing. Our rose bushes are going crazy with beautiful blooms. Oh the flowers are popping out everywhere and so is the grass, or in my case, the weed patch. I have wanted to put in an irrigation system for years and now I am doing just that. It is a lot of work but I am sure the weeds will love it. Bonnie wants some new trees and a raised garden so I am pretty busy in the yard. I will only be working part time at the office, but what the heck. The garden needs me. And besides, the worst day working in the garden is better than the best day working in the office. Or something like that.

Working outside reminds me of the up coming field day in June. It is always the last full weekend in June and this year we will be going up to Chino Valley. Last year a few of us operated by generator from Paul Finell's property in Chino Valley. In the past we have had a much larger group and operated 4A with great success. We put up towers and large mono band beams and it took all of us to do it. But last year with only a few of us, we put up some simple antennas without towers and did pretty good. We had a ball operating and enjoying our friendship. I hope we can do this again this year.

Don't forget to check into the Tuesday night net. Dreux has had some great questions for us and there has been a lot more

check-ins in the last month. It is fun to be net control on this net because of the guys that check in. So if you like to talk into a microphone you might want to try doing the net as Net Control. Feel the power!

I hope you guys have all sent in your TAXES by now. April 15th is coming up very soon and you don't want to be late. Besides the government needs all it can get to help pay its bills.

I think the economy is on the mend and it won't be long before everything is back to normal. Then the State will have enough to keep the parks open and we can have more places to go camping. When it gets to be July and August around here, it is much nicer up in the high country. You can go fishing, hiking, playing radio and generally enjoying yourself. I can take my lap top to do a little work if I want to. I have tried this before, but it is hard to concentrate with the gentle wind in the pine trees and the overpowering smell of the forest.

Our granddaughter goes to St. Daniels Church school every day. One day she stopped here and asked me to ride a bicycle with her to school. So put some air in the tires of the old thing and took off peddling with her to school. It is funny how she has been telling me how to do it. She is 10 and knows everything. It is possible that I might have forgotten some of the finer points on how to ride a bike properly. But I just want to get there and back in one piece. I guess with a little more practice it will be a lot easier. But I still feel too old to be riding a bicycle.

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

73,  
Ed, WU7S  
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.**





supported by a tower which was put up in the 70's. On top of the tower is the Phelps Dodge Stationmaster antenna, a vertical which is commonly used with commercial repeaters. You will also see Lee's other antenna which he uses on 450 MHz and 2 meters. The coax running from the repeater to the vertical antenna is a combination of «" hardline and RG-214 double shielded cable as required for effective repeater operation. Although the repeater has been licensed for more than thirty years, it still fulfills the current repeater requirements as W7UXZ. Not only the AARC, but many other amateurs use Lee's repeater and are grateful for the efforts he has made to provide this for our amateur community.

Three Thursdays a month the Arizona Amateur Radio Club holds its weekly 2-meter net using the repeater licensed to Lee Walters, W7UXZ, yet the majority of the participants in the net have never seen Lee's repeater and undoubtedly don't know anything about it. Lee graciously allowed me to look it over and photograph it so that the club can have a bit more knowledge of the W7UXZ repeater. The repeater was designed by Lee in 1975 and went on the air in 1976 as WR7AGP on the same 147.060 frequency it currently uses.

When you look at the photo of the front of the repeater/power supply rack (photo 1) you will see a blank plate at the top. This is the transmitter, which is a 30-watt Motorola Micor. Beneath that is the repeater control unit, which was built by Lee. Some of it was Lee's design, and some parts used pre-designed plans. Bill Hosking, W7JSW, for instance, designed the CW ID unit. Beneath the control unit is another blank plate. This is the receiver, a Motorola M-type. Beneath the receiver is a 50-amp commercial power unit made by Astron. This keeps a charge on the 12 V. battery which powers the repeater.

Now let's take a look at the back of the equipment rack (photo 2). Again at the top you see the transmitter and notice that it is designed so the heat rises and keeps the transmitter from overheating. When you look at the control unit beneath the transmitter you will notice five boards. The boards are more easily seen in photo three. They were hand built by Lee. The functions of the boards are as follows:

- CW ID unit
- Timer/control logic
- Control Function Decoder
- Touch Tone decoder (DTMF)
- Automatic telephone answering device  
(designed by Lee)

Beneath the repeater/power supply rack is the duplexer cabinet upon which a black pass/reject cavity is mounted (see photo 4). The duplexer allows a single antenna to be used with both transmitter and receiver at the same time. The cavity further improves isolation between the two. The duplexer was purchased commercially and was tuned by the manufacturer to the 147.660/147.060 MHz repeater frequency pair.

The antenna system in Lee's backyard (photo 5) is

Now that you have a bit of an idea about the appearance and operation of the W7UXZ repeater, we invite all amateurs, nonmembers of AARC included, to check into our Thursday net. It meets at 147.060 at 7:30 P.M. every Thursday except our meeting night, which is the second Thursday of each month, and on that Thursday we welcome all to our club meeting. The AARC meets 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 at least a day before the meeting. This is a requirement of the Red Cross for security reasons.

We are pleasantly surprised to see a rather sudden surge the past few months in the number of applicants requesting to be tested by volunteer examiners, and we are especially happy with the high success rate. The February 27th VE test session held by the Arizona Amateur Radio Club produced two technicians, three generals, and one extra.

Our next meeting will be focused primarily on finalizing plans for our April 10 Hamfest. Some members have suggested various types of anti-rain dances that could be performed to insure that we would not have a repeat of last year's deluge, but the consensus of opinions is that since we had sixteen sunny hamfests and only one with rain, wind, and hail, the odds of having good weather are high. The included flyer has all the details of the April 10 Hamfest. Plan to join us, meet friends, find a bargain or two, and just maybe you'll see your photo in the next ADAW.

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

**ADAW**



*Front of Repeater/Power Supply Rack*



*Back of Equipment Rack*

ADAW



*Close Up of Transmitter Showing Boards*

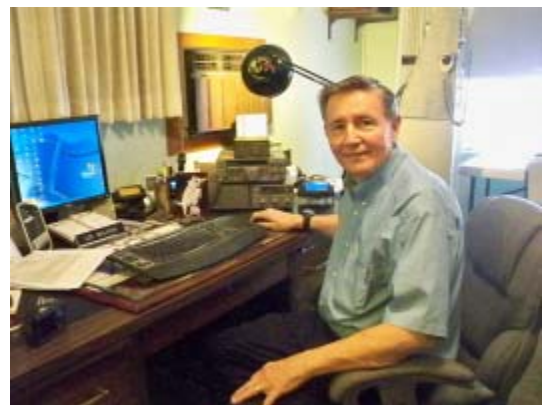


*Duplexer with Mounted Pass/Reject Cavity*

ADAW



*Repeater Antenna System*



*Lee Walters, W7UXZ  
built his repeater and has maintained it for 34 years*





## PUBLIC SERVICE CALENDAR

EVENT	LOCATION	DATE
Cave Creek Trail Ride	Cave Creek	04/03/10
Tour de Paradise	Phoenix/Paradise Valley/Anthem	04/10/10
March of Dimes March for Babies	Wesley Bolin Plaza (State Capitol)	04/17/10
Pats Run	Tempe Town Lake	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
Javalina Jundred	McDowell Mtn Park	10/23/10
Cave Creek Mtn Bike Ride	Cave Creek Area	11/13/10
Cave Creek Road Ride	Cave Creek Area	11/14/10
Run Around the Runway	Scottsdale Air Park	03/09/11

The Q1 2010 CARL BOD meeting will be Saturday, March 20th 9:30AM in ASC's Boardroom "A." We need to select officers, review possible changes to the W7ASC shack, the ASC main entrance remodeling and what the AZ Science Center is planning on doing for upgrades. A lot! In discussion is an active computer projection system to better demonstrate Ham Radio to ASC visitors. Steve, WB4ZSC, is working on a system to project animated text, graphics, and motion data onto the Shack wall world map to illustrate communication modes used by amateur radio. This will allow us to have a dynamic, up-to-date, and varied presentation that will catch the attention of visitors while informing them of our work. Other plans for the Shack include installing a 60" LCD monitor, widening the Shack entrance, and moving the radio equipment to a more visible area instead of being hidden in the closet.

The AZ Science Center remodeling is under way! John, N7JP, sent out an e-Mail Monday, 3/8. As of this week, the old main exit is closed and a new entrance from the ground level at the end of the plaza is now in place. Look for the signs directing you to the proper entrance. For those who use scooters or need to avoid stairs, the 5th Street entrance will be available. The 5th Street door will be open at 9:00AM and has elevator access to the 1<sup>st</sup> floor. The elevator on the east to the lunch rooms and board room area in the basement will be available for a while, but won't be accessible when the workers start removing ramps and get into major demolition mode. Estimate that this will be in about three weeks. Volunteers needing to use the Handicapped entrance (no stairs) need to park at the west end of the Heritage Square parking lot and proceed to the 5th Street entrance at the north side of the building. Getting out of the Science Center can be a challenge as well. After wandering around for a while Friday, I finally found the exit. I think the Science Center should do as P T Barnum did many years ago and put up signs saying "This Way to the Egress."

Lots of changes are going on and we will try to have a few photos for the next ADAW. The Tech License class is underway at MCC with 14 students and no dropouts as of the 4th class! A good sign.

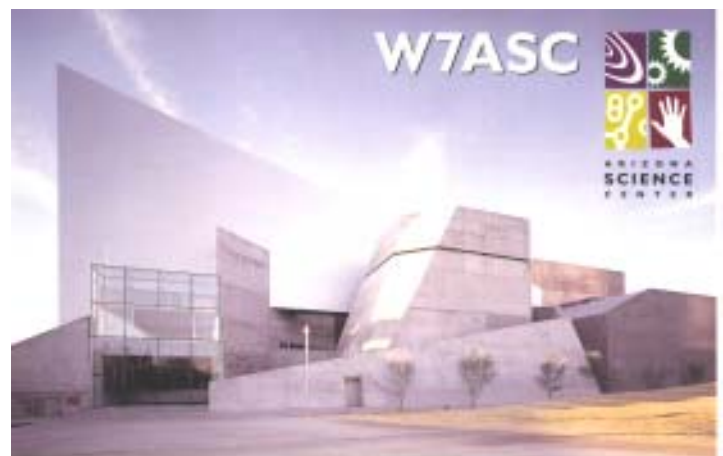
Shack volunteers are reminded that they have to sign in on the W7ASC Ham Shack logbook for their hours to count. The logbook seems to have several missing entries! As usual, we are still short of volunteers. Spread the word at your Ham Club. Call 480-961-1109 and volunteer now. We have a

To sign up send email to: [mcecg@yahoo.com](mailto:mcecg@yahoo.com)  
 MCECG on the Web 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)

CARL PPT Presentation available (operators are standing by) that can be presented to your club. Contact me (see below) to set it up.

73,  
 Bob Burselson, KG7QJ  
 480-961-1109 - [kg7qj@cox.net](mailto:kg7qj@cox.net)



W7ASC QSL Card



# Old Pueblo Radio Club INTERMOD

## President's Column

The Old Pueblo Radio Club held its monthly general meeting on 10 March 2010. Art Mills, KD7HZP, announced that this would be his last meeting with the OPRC as he is moving later this month to Ohio to be closer to family. Art has been a loyal supporter of the club, not only as a board member, but as our purveyor of doughnuts for our monthly meetings. We all wish Art the very best on his relocation and have invited him to visit us whenever he is back this way.

Bill Price, N7GUO, is collecting a number of catalogues in an attempt to choose one or more amateur radio kits to use as club projects. Bill also brought in several items including an SWR meter, a two-meter radio, a TNC, and other useful items. These items were given out as free door prizes to those persons present who wished to give these items new homes. Thank you very much, Bill.

Speaking of Bill, he has offered his home and equipment for field day. More on this at the April Meeting.

Persons who have not paid their dues for 2010 should do so as soon as possible to remain in good standing. The mailing list is being revised to reflect only current members.

We hope to see as many members as possible at the April meeting.

73 de,  
Ron Kalish, N7SPW  
President, OPRC



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