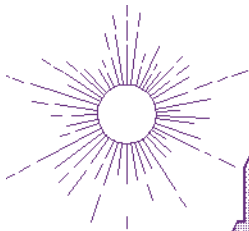


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 36, No 6

June 2011

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
Jun 1st
Scottsdale Senior Center
7:00 PM

AARC
Jun 9th
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

QCWA
Jul 9th
Casa Bonita Mexican Restaurant
Prescott
12:00 Noon

TBARC
Jun 16th
Thunderbird School
of Global Mgmt
7:00 PM

ADAW MEMBER CLUBS

ARIZONA AMATEUR RADIO CLUB

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

President	Gary Hamman	K7GH	602.996.8148
Vice President	Bob Milburn	KB7TWF	480.991.1702
Secretary	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, 1432 E Colter St., Phoenix, AZ 85014-3011. DUES: \$15.00/YR, Prorated (\$18.00 Family, \$9.00 Student), MEMBERSHIP YEAR BEGINS FEB. 1.

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>

ADAW STAFF

PUBLISHER/EDITOR

Christine Kesauer N7PVL 602.843.0960

AARC EDITOR

Lori Cripps WA7EDI 602.955.7517

SARC EDITOR

Ed Nickerson NU7S 480.949.5162

CARL EDITOR

Bob Burleson KJ7QJ 480.961.1109

OPRC EDITOR

Ron Kalish N7SPW 520.207.3852

QCWA EDITOR

Robert McCuskey W7BV mccuskey@email.arizona.edu

TBARC EDITOR

Thelma Speed KF7MLX 602-252-4505

DISTRIBUTION

Mark Kesauer N7KKQ 602.843.0960

ADAW EMAIL

adawaz@arca-az.org

ADAW WEB SITE

www.adaw.org

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	602.741.6563
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	Dreux Jacques	KB8YYA	
	Louis Schmitt	NQ7I	
	Alan Jensen	KE7FSD	
	Judy Jensen	KE7IXI	
	Stephen Thomas	KE7TLS	
	James Wasson	N7ELL	
	David Yee	N7AJR	

SARC, P. O. Box 10878, Scottsdale, AZ 85271-0878. Phone: 602.735.3988. DUES: \$20.00/YR, (\$10.00/Add'l Family Member).

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			
Treasurer	George Devich	N9IUK	520.760.0125
Board of Directors:			
	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.

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**

ADAW MEMBER CLUBS

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>

THUNDERBIRD AMATEUR RADIO CLUB

The Thunderbird Amateur Radio Club meets the **THIRD THURSDAY** of each month at 7:00 p.m. at Thunderbird School of Global Management located near 59th Ave. and West Greenway Rd. (Enter at the light at Country Gables and 59th Ave. Follow the road to the staff parking lot. Proceed to the Snell Bldg. The meeting is held in room #29 or otherwise posted.)

President	Jim Puza	AE7JP
Vice President	Peter Decker	K7IJR
Secretary	Jack York	KE7VOU
Treasurer	Al Johnson	AE7GM
Directors:	Ken Croxton	KD7OWZ
	Israel Vincente	AD7ND
	Walt Reinert	N7GDP
Past President	Jack Lunsford	KD7RCJ

For further information about the ThunderBird Amateur Radio Club, send an e-mail to: info@w7tbc.org or call 602.493.7242.



**Pineberry
Creations**
pineberrboutique.etsy.com
Unique Jewelry, Cards and Baby Blankets
twitter.com/pineberrycreate
pineberrycreations@me.com

From the Editor's Desk

Another month has gone by and summer is upon us here in Arizona. We've had a fairly easy time of it (temperature wise that is) up until now, but the forecast promises the return of those triple digit temperatures we've all been looking forward to – NOT. But that's summer in the valley of the sun. Time to "head for the hills" and the cooler climes of the north country.

A great way to escape the valley heat is the White Mountain Hamfest in Show Low on June 4. They have a new location this year - Northland Pioneer College on W. Deuce of Clubs. Why not plan a weekend get-a-way and take in a hamfest at the same time?

Field Day is rapidly approaching (June 25 - 26) and all the clubs are busily making plans for their effort. Never been to a Field Day event? You're missing out! If disaster struck, would YOU be able to get on the air and provide help without the use of your home antenna and AC power? That's what Field Day is all about. Field Day gives amateur radio operators practice in setting up equipment and making contacts in less than optimum circumstances. Yes, Field Day is a contest - who can make the most contacts in several different categories - but it's also about honing our skills as radio operators. Never know when you might be called upon to help. Besides, it's fun to get away, be with others who share your hobby and operate the radio a little too! Check what your club is planning and join the fun!

In July, the Williams Hamfest beckons. Scheduled for July 15 through 17 at the Rodeo Grounds in Williams, this annual event is sure to please. There will be lots of tailgaters and vendors present and this year the DX Store will be there with an assortment of new radios and gear. VE testing will be available on Saturday morning and the annual Saturday night Barbecue is also planned. Sunday, July 17, you can join your fellow hams aboard the Grand Canyon Railway for a trip to the Grand Canyon. It's a great way to cap off a weekend and a wonderful experience. Visit the ARCA web site (www.arca-az.org) for all the details.

That's about all from me this month. Hope to see you in Show Low and again in Williams. Stay cool!

73,
Chris, N7PVL

ADAW

Event Calendar

Old Pueblo Radio Club INTERMOD

June 4, 2011 - **White Mountain Hamfest - !! NEW LOCATION !!** - hosted by the Kachina Amateur Radio Club will be held at a Northland Pioneer College, 1001 W Deuce of Clubs in Show Low. Hours are 7:00 A.M. to 1:00 P.M. Talk-In - 145.310 PL 110.9. Contact Jim Mortensen at jmmules@frontiernet.net or 928.358.8761.

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. Gates open Thursday, July 14 for set-up. Event hours: Dawn Friday, July 15 through 5:00 P.M. Saturday, July 16. Grand Canyon Train Ride Saturday, July 17. Free Admission! Outside spaces for camping and selling - \$15.00 each before June 1 - \$20.00 after June 1. The DX Store will be in attendance. Meetings, seminars, talks, Saturday night Barbecue Dinner. ARCA meeting at 4:00 PM on July 16. Visit the web site at www.arca-az.org for all the information and updates.

September 9 - 11, 2011 - **ARRL Southwestern Division Convention** - will be held at the Marriott Torrance South Bay, 3635 Fashion Way, Torrance, CA. Visit the web site at <http://www.hamconinc.org/> for details.

October 22, 2011 - **OPRC Hamfest** - hosted by the Old Pueblo Radio Club will be held at Kino Sports Park in Tucson. Watch for details.

November 12, 2011 - **Oro Valley Radio Club Hamfest** - hosted by the Oro Valley Amateur Radio Club from 8:00 AM until 12:00 noon. Location to be announced. Visit the web site at www.w0hf.com for information.

December 3, 2011 - **Superstition Hamfest** - hosted by the Superstition Amateur Radio Club will be held at Mesa Community College, Dobson & Highway 60 in Mesa. Visit the web site at <http://wb7tjd.org/hamfest/> for more information.

February 17 - 18, 2012 - **ARRL Southwestern Division Convention** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at the Yuma County Fairgrounds, 2520 E 32nd Street in Yuma. Hours - Friday, noon to 5:00 PM - Saturday, 8:00 AM to 5:00 PM. Buzzard barbecue, Saturday, 6:00 - 8:00 PM. ARCA meeting - Saturday, 11:00 AM. Visit the web site at www.yumahamfest.org for details.

ADAW

President's Column

On Wednesday, 11 May 2011, the Old Pueblo Radio Club held its final general meeting of the Spring Season. As promised, refreshments befitting the occasion were served, and a good time was had by all in attendance. This was the last meeting until September as many club members escape to cooler climes, or otherwise travel during the summer. The usual meeting schedule will resume in September.

The board of directors will meet during the summer as necessary to carry on the club's business. The main business will be to prepare for the club's annual swap meet. Traditionally, the OPRC Swap meet has been held on the third Saturday of October at the Kino Sports Park facility on the north side of Ajo Road. Certain changes have occurred in the scheduling of certain athletic activities which have preempted the use of the parking area we normally use. The facility on the south side of Ajo Road is likewise fully scheduled that date. Rather than move the event to a new location, it has been rescheduled one week later, to Saturday, 22 October 2011. We are not aware of any conflicting events. Please mark your calendar accordingly, and stay tuned.

73 de

Ron Kalish, N7SPW

President, OPRC

ADAW

OPRC Repeaters

146.66	- PL 110.9	wide coverage	W7GV
146.82	- PL 110.9	wide coverage	W7GV
147.22	- PL 110.9	wide coverage	W7GV

RACES Repeaters

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

SCOTTSDALE AMATEUR RADIO CLUB, INC.



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

Hi Guys,

The club receives all sorts of donations throughout the year from fellow hams who have excess equipment and from estate liquidations. Jim Kirch, K7UMO had passed away and his son Bob donated his father's tubular tower and antennas to the Scottsdale Amateur Radio Club. We made arrangements to bring a work party and remove the tower and antennas. It was a beautiful Saturday morning when we arrived at Jim's home in Scottsdale. I brought my ladders, tools, and ropes and even an extra pair of gloves. Eddie Couch N7JOR was there and so were Bob Johnsen K7TR, Jerry Jacques KE7GYM, Paul Finell W7EFQ and Bob Kirch. I think there was also a neighbor or two just for good measure. There was also a guy from the power company to cut the power if needed. We were all set to go.

It didn't take long to disconnect a few things, tie on a long strong rope and let the tower down to the A-frame ladder. All that remained was to dismantle the antennas and put everything on Paul's flat bed trailer. And that's where I got careless. I was taking the antenna apart and while coming down the ladder, I stepped off the ladder too soon and lost my balance and fell on the lawn. That little tumble gave me a compression fracture of my back and ruined the whole day.

I got home in great pain and spent the rest of the day flat on my back. I thought it might get better but by Easter morning it was just as bad so Bonnie took me to the emergency room at Scottsdale Health Care on Osborn. I cannot say enough good things about the service I received. Within minutes of arriving I was on a bed and talking with a doctor. I was given some pain pills and sent to x-ray. The doctor told me of the compression fracture of vertebrae T12 and that they were admitting me to the hospital. This was Easter Sunday and the hospital was not where I had planned to be. We had planned a family pool party for Easter. So the family came to the hospital bringing flowers and best wishes. Our grand daughter Brandi even brought me a small pink bunny. She was concerned. I spent the next four days in the hospital receiving a procedure called a vertebroplasty. That fixed the really sharp pains, but the fall had tweaked all of my back muscles and they let me know it. So now I am recovering and getting better with each passing day. I hope to be able to get on the radio as soon as I can sit upright for more than a few minutes.

On a lighter note, I have the camper ready to go. I still hope to be able to get up to the high country for some rest and relaxation. The air is mild and the smell of the pine trees is intoxicating. I love the high country. Of course this is June and we have the ARRL Field Day coming up on the 25th and 26th. The club is planning an outing in Chino Valley. We have always done well at this site. It is a lot of fun to get on the air and make contact with so many other stations. It doesn't matter how much experience you have on the air. New hams can really get a chance to participate on SSB or CW. The CW is usually very fast, but with the help of an experienced ham even a novice can do it. The exchange is short and simple and there is no better way to learn how to operate.

Fortunately, I got my rotor working again before the mishap and so I can get on the radio from my shack. The bands have been getting much better for DX. I have made quite a few contacts and some rag chewing. If you have an HF rig, you should try it.

The other day I talked with a new ham who was hiking Camelback Mountain. He was on simplex and talking with some friends. His signal was very strong and stayed that way as I drove toward Mesa. I finally had to break in to see where he was and that's when I found out he was on top of Camelback Mountain. That is a great location for simplex DX.

That brings up another idea. With summer coming and vacation trips all over the place and some interesting hamming, why not let me know of your adventures. You can write a short piece about your experiences for this column. We would all like to read about them. Whether it's a trip to the Grand Canyon or to Maine I'll bet you'll have a great time and we would love to hear all about it. Let me know.

The club has a weekly net on 147.18 with a PL of 162.2. The net is 7:00 P.M. on Tuesday evening. It is a great chance for you to try out your 2-meter or 440 radio. So join us on Tuesday evenings for the fun. If you would like to try your hand at being the Net Control, just let me know. I would like to give everyone, who would like to try this, a chance at it. I know you would be good at conducting our net.

Well, that is all I have for now. Until next month, keep on hamming, be well and enjoy 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 602.741.6563 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.





At last we are approaching June and anticipating Field Day! This is what many of us have been waiting for, a chance to combine our efforts and sharpen our communication skills, while enjoying the camaraderie we all treasure. Set up will begin on Friday evening, June 24, about 6:30 P.M. at the Red Cross Building. You may well remember the challenges of last year, the erecting of dipoles, the tweaking of roof antennas, the setting up of equipment. It will need a combined effort, of course. Saturday, the 25th we will have our usual 7:30 A.M. breakfast at Denny's on 7th Street and Camelback, followed by a final set-up session before the big event begins that morning. I'm sure all of you are looking forward to it as much as I am, and I hope to see you for many hours during this Field Day weekend. Cots will be there, and, of course, my taco salad for lunch on Saturday.

Unfortunately Field Day antenna set up reminds me of one of my major amateur radio deficiencies. I believe I have the unenviable distinction of having the least sophisticated antenna system of all the AARC members. In spite of the fact that I do my monthly rotation as net control on the AARC Thursday night 2-meter net, my 2-meter antenna is a measly mag mount vertical sitting on top of an outside window air conditioner. This is my entire antenna system, except for a rubber ducky on my HT. This situation has to be remedied! So this month I'm taking a look at what other AARC members have for antennas and I'm sharing my observations with you.

It will be a long time before my antenna system realizes the proportions enjoyed by Bob, K7POF, and Linda, W7POF in Chino Valley. Never! Their antenna farm has a Hy-Gain Hi-Tower 75-40- 20-15 meter vertical. The Windmill Tower has a 6-meter 5- element Cushcraft Beam, KLM 14 to 30 MHz Log Periodic, 11- element 440 MHz beam, 160-meter inverted L and 75-meter inverted V. On the roof of the house is a 2-meter Ventenna. On the side of the house (just visible in the photo) is a Diamond 144- 440 vertical above a pair of 14- element 144 MHz beams in phase. The crank-up tower has an 11-element 2-meter beam, 17-12 meter home brew beam, Hy-Gain TH6DXX and four inverted V antennas on the same feed line for 160-75-60-40 Meters. The tower to the far left rear has a 10-DB commercial 450 MHz antenna for the K7POF 440 Repeater. Unseen in the attics of the house and garage are numerous 440- and 2-meter antennas for use in

stormy weather! Can you top that antenna farm?

George, KQ7C, has several antennas on his roof, including a 2- meter beam and a tri-bander, and he has a vertical on his RV. The antenna you won't get a chance to see, however, is his homemade coat hanger 2-meter antenna, which presently hangs inside his house in a doorway close to the Echolink setup. It is better seen than described!

Gary, K7GH, has a nice setup in his yard. His 40-foot mast holds the center of a 40/75-meter dipole at the top and a 4- element 2- meter Yagi at about 20 feet high.

Leslie, N5LDH, has a complex antenna system, and currently she is using the 2-meter antenna weekly on the AARC net. Although the other antennas haven't been used for a while, I have a feeling that after the next Field Day experience she will get the bug to get on other frequencies and find a need to use those other antennas soon.

Lee, W7UXZ has several antennas, but the one we value most is the one used with his repeater. Without that repeater we would not be able to have our weekly 2-meter net. Thanks again, Lee!

John, K7JHK, has a 10-meter to 40-meter Gap vertical, a 3- element 2-meter Cushcraft to the south, and a 5-element Cushcraft. He used the 5-element Cushcraft to communicate with Phoenix for the 2-meter weekly net.

Bob, K7JJT, has several antennas. Take a look at the photo of his setup. His pride and joy is the antenna on top of his tower. It is a "Stealth" antenna, given that name because it is entirely invisible. He also has some ground antennas, stored in the yard, which wife Janice is anxious to see made invisible. Finally, he has a roof antenna, a tri-band beam stored flat on the roof of the house without coax. Bob's is definitely an interesting antenna farm.

Joe, W0SLL, was a little reluctant to have an antenna photo published since he is in the process of constructing a couple new dipoles, but as you can see he is moving along with the project.

Dick, NS7A, has an antenna farm which nearly matches mine. It's a simple setup for 2 meters, but it easily reaches Lee's repeater for our Thursday night net.

Having seen the possibilities and the variations, I guess my next step is the decision-making process. Then it will be time for an antenna party. Invitations will go out, and someday you will see a photo of my small antenna farm published along with this column.

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

ADAW



AARC ANTENNAS





CHAPTER 16

BARRY M. GOLDWATER ARIZONA CHAPTER

The ASC told us that they expect 1500 kids to visit every day in May! It's a great chance for volunteers to speak about Ham radio to a whole bunch of people. Even one short shift would be fun.

The ASC staff has become very pro-Ham. They are sending visitors to the Shack. At least one member of the ASC staff is studying for her license. Visitors have begun to head right for the Shack in order to ask questions (about Ham radio) or just to chat about our hobby. Our PR efforts seem to be working. In general, Hams like to talk. Volunteering at the Shack provides an opportunity to talk to non-Hams and inform them and often surprise them.

Even if a Ham is not able to volunteer in person, there is a need for reliable on-air contacts so that we can always reach a station when a visitor expresses an interest in experiencing a QSO.

W7ASC says "Thank you" to all the Hams that have helped in on-air contacts.

When visitors enter the ASC Ham Shack, we try to put them on the air for a short QSO. Once they say 73, we present them with a Guest Operator's Certificate. This would never happen unless our CQ's for a demonstration are answered. That is where you come in. And we have been helped by so many Hams on so many repeaters. Please keep it up! Returning a CQ from W7ASC is almost as good as volunteering!

A few points to keep in mind:

The idea is to get the visitor involved. Please ask questions and try not to lecture. The Hams at the Shack have prepared the Guest Operator with some information on Ham radio. Get a conversation going, ask what grade they are in and what school they go to. Sometimes this even works with the adult visitors!

Please keep your transmissions SHORT. Young visitors have a short attention span and there are lots of distractions at the Science Center! In addition, they are often called away by teachers or parents who are on a schedule. If we have two minutes, TOTAL, we call that a win.

Before you hit that PTT button, adjust your thinking to the visitor who may be receiving that first impression of Ham radio from your voice. Make it fun - questions rather than tutorials

The Shack is a fun experience. Thanks to all for your help. And come to the ASC to see the new Shack. - Jean, W4CIH and the iPad, in Ahwatukee

There is not much new to report this month, except to announce the speaker for our July meeting in Prescott.

The next AZ QCWA luncheon meeting will be in Prescott at 12:00 noon on Saturday, July 9th at the Casa Bonita Mexican Restaurant. Bill Jackson, W6HDP, will speak to us about the history of the Society of Wireless Pioneers (SOWP), group of professional brass-pounders, dedicated to the collection and preservation of the history of communication, particularly wireless and radio telegraphy. The SWOP, which is no longer active, met with QCWA a number of years ago.

73,

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

ADAW

We are planning on a General License class this summer at the AZ Science Center starting Saturday, July 23, 2011, 10:00 A.M. to 1:00 P.M. for seven 3-hour sessions. The class will be based on the new question pool. To register call Bob, KG7QJ, at 480-961-1109 or E-Mail: kg7qj@cox.net.

The W7ASC Shack can always use new volunteers. Spread the word at your Ham Club. Call 480-961-1109 and volunteer now. We have a 20-minute CARL PPT Presentation available (with pictures of the new remodeled shack) that can be presented to your club.

—73 Bob Burleson KG7QJ
480-961-1109 kg7qj@cox.net



I hope you all had a Happy Easter and by now have gotten rid of all the Easter eggs.

I'm really looking forward to traveling to the high country in June.

73's

Thelma, KF7MLX

ADAW

Greetings.

A crow, half-dead with thirst, came upon a pitcher which had once been full of water, but when the crow put its beak into the mouth of the pitcher he found very little water was left in it and that he could not reach far enough down to get at it. He tried and he tried but at last had to give up in despair. Then a thought came to him and he took a pebble and dropped it into the pitcher. Then he took another pebble and dropped it into the pitcher. Then he took another pebble and dropped it into the pitcher. He kept it up until at last he saw the water rise up in the pitcher and after dropping a few more pebbles he was able to quench his thirst and save his life. Little by Little Does the Trick!

That's the way all those who took the test on April 30 did it. For two months they faithfully went to class. For two months they read the assigned chapter before they went. For two months they participated and asked questions. For two months they studied the material and took the online tests. Little by little they did the trick.

WE ARE SO GRATEFUL TO ALL THOSE WHO GAVE UP THEIR SATURDAY MORNINGS TO TEACH THE CLASS and WE ARE SO PROUD OF THOSE WHO PASSED THEIR TEST! CONGRATULATIONS!

I'm sure the Fox hunt last Saturday was a complete success. I'm so sorry we were unable to make it. In October, when we had that hail storm, our roof leaked into the living room. The ceiling had enough damage that the insurance company is replacing the roof and the ceiling and repainting the living room. The roofing contractor was so back logged, he was only able to do the roof week before last. The contractor who is doing the ceiling will be out this week, I hope, but we had to clear the living room of all the furniture. Anyway by Saturday morning, we could barely move. Moving furniture is no fun, and I had no idea we had so many knick knacks. Well, we won't after this. I'm getting rid of a whole bunch of stuff.

Want Ads

Wanted - Rohn 25/45 gin pole.

Contact Ray, W7GNE - Home: 480.998.1893

ADAW

www.thesignman.com

1-888-426-8241

BADGES - CAPS - LICENSE PLATES & FRAMES

The SignMan *of Baton Rouge*
rick@thesignman.com

P O Box 84107

Baton Rouge, LA 70884-4107

COLOR BADGES, DESKSTANDS, KEYCHAINS, MUGS

**Specializing in SKYWARN, EM,
RACES, ARRL, ARES & CD Items**

RUBBER STAMPS

PATCHES - DECALS

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.

June Test Sessions

June 2nd - Radio Society of Tucson -- 7:00 PM

Lighthouse YMCA, 2900 N Columbus Blvd, Tucson
 Contact - Matthew Grossman 520.750.7189
 Pre-Reg by email preferred - veregistration@rstclub.org

June 4th - DeVry ARC & West Valley ARC -- 9:00 AM

DeVry University-Library, 2149 W Dunlap Ave, Phoenix
 Contact - David Morrill 623.925.0680

June 4th - Unsponsored -- 9:00 AM

Northland Pioneer College Campus, 1001 W Deuce of Clubs,
 Show Low
 Contact - Charles Whiting 928.205.3230

June 11th - Yuma ARC -- 9:00 AM

Yuma County Sheriff Office, 141 S 3rd Ave, Yuma
 Contact - Robert Sidebottom 928.344.6469
 No Walk-Ins - Must Pre-Register

June 18th - PCECG -- 10:00 AM

Pinal County EOC Bldg F, 31 N Pinal St, Florence
 Contact - Thomas Kramer 520.421.0483

June 20th - East Valley VE Team -- 6:00 PM

City of Mesa Bldg, 640 N Mesa Dr, Mesa
 Contact - Steve Gurley 480.704.3666

June 24th - Yavapai ARC -- 6:00 PM

Jeep Possee Bldg in Pioneer Park, 1800 Commerce Dr, Prescott
 Contact - Mary Vince 928.775.2158

June 25th - 4x4 Ham - W7AZO -- 2:00 PM

Coconino NF - NE of Payson, Call for Location, Payson
 Contact - Virgil Silhanek 602.501.0154
 No Walk-Ins



Public Service Calendar

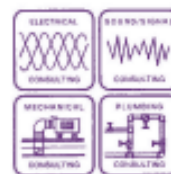
EVENT	LOCATION	DATE
Barn Burner Mountain Bike Race	Kendrick Peak Near Flagstaff	08/27/11
Special Olympics Sprint & Unified Triathlon	DC Ranch Villiag Health Club/N Scottsdale	09/10/11
Diabetes Walk Midwestern University	Near Loop 101 & 59th Avenue	10/01/11
Diabetes Walk Rawhide	Rawhide Near Wild Horse Pass Casino	10/01/11
Cactus Cha-Cha	White Tanks Mtn Park	10/08/11
Tour de Paradise	Phoenix/Paradise Valley/Anthem	10/15/11
JR ROTC Orienteering	Lake Pleasant	10/22/11
Cave Creek Mt Bike Race	Cave Creek	11/12/11
Javalina Jundred	McDowell Mtn Park	11/12-13/11
Cave Creek Road Ride	Cave Creek	11/13/11
Riesta Bowl Half Marathon	Scottsdale	12/04/11
JR ROTC Orienteering	First Water Trail Head	12/10/11
Runner's Den Road Classic	Paradise Valley Mall, Southeastern Phoenix	02/12/12
March of Dimes March for Babies	Wesley Bolin Plaza (State Capitol)	04/14/12

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@n7qv.net
 Brian McCarthy, N7TUQ - 623.486.0507 - n7tuq@arrl.net



R.J. CARLI ENGINEERING CORP



7311 E. STETSON DRIVE
 SCOTTSDALE, ARIZONA 85251

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

(480) 941-8610 (OFF)
 (480) 945-7020 (FAX)

If anyone is considering a major radio shack, workshop, addition or going into business for yourself, I am offering professional Electrical, Mechanical and Plumbing Engineering services to radio club members at a 20% discount for residential property, and 10% discount for commercial property. Talking is always free.

12 STORE BUYING POWER



HAM RADIO OUTLET

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 purchase 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. #B, 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



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,
subject to change
without notice.

Look for the
HRO Home Page
on the
World Wide Web
<http://www.hamradio.com>

#1
in Customer
Service

COAST TO COAST
FREE SHIPPING
UPS - Most Items Over \$100
Rapid Deliveries From
The Store Nearest To You!



2011 WHITE MOUNTAIN HAMFEST

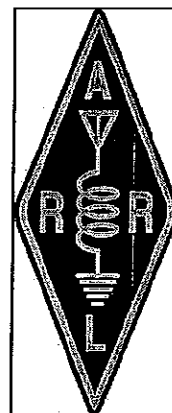
SATURDAY, JUNE 4, 2011

We have moved to the beautiful campus of

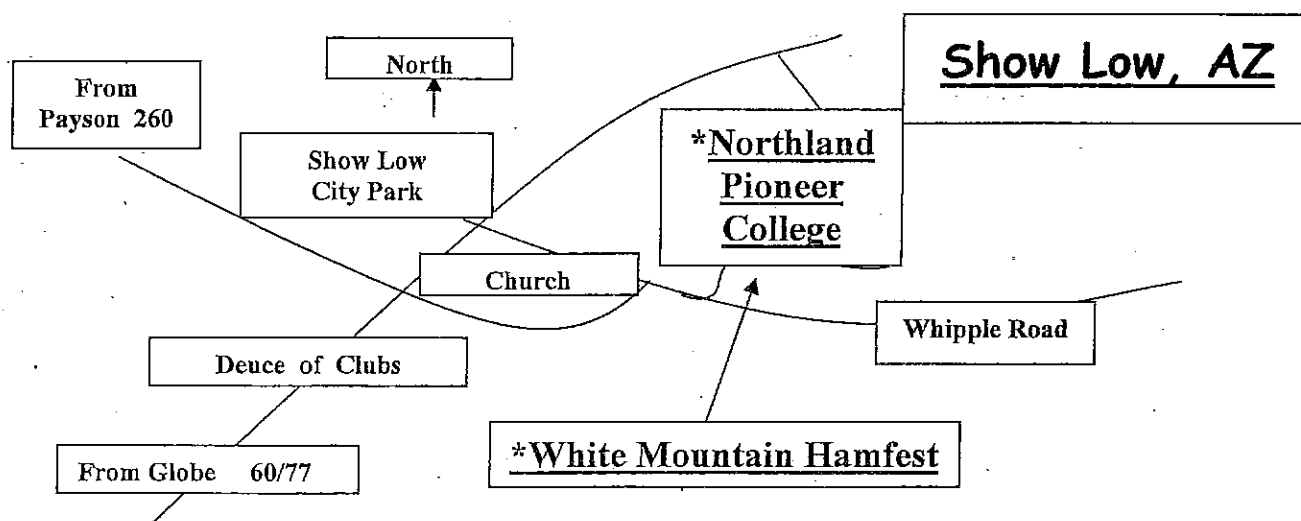
Northland Pioneer College

1001 W. Deuce of Clubs— Show Low, AZ

7:00 a.m.—1:00 p.m.



FREE ADMISSION!



TALK IN: 145.310 PL 110.9

WELCOME VENDORS/

TAILGATERS

SOMETHING FOR EVERYONE!

\$5.00 PER SPACE

GRAND PRIZES, SEMINARS,
VE TESTING (9:00 A.M.), ARTS & CRAFTS,
HOURLY PRIZES, DONUTS, COFFEE,
COUNTRY STORE, & SO MUCH MORE!

www.kachina-arc.org



2011 ARCA/WILLIAMS HAMFEST



*Presented by the Amateur Radio Council of Arizona
and the City of Williams*

JULY 15 & 16, 2011



WILLIAMS RODEO GROUNDS, 800 RODEO ROAD, WILLIAMS, AZ
GATES OPEN AT 5 P.M. THURSDAY JULY 14 FOR SET-UP.
HAMFEST OPENS AT DAWN FRIDAY, JULY 15.

FREE ADMISSION!

JULY 17, 2011 - GRAND CANYON TRAIN TRIP

MAIN PRIZES

Grand Prize - ICOM IC-718 HF
Second Prize - ICOM IC-2200H - 65W 2-Meter Mobile
Third Prize - Heil Proset-5 Contest Headset
Fourth Prize - Signalink SL 1+13PI Sound Card Interface
Early Bird - Signalink SL 1+13PI Sound Card Interface

PRIZES

DOOR PRIZES EVERY HOUR

RAFFLE TICKETS

\$2.00 Each, 3 for \$5.00 or 60 for \$100.00

MEETINGS, SEMINARS, ACTIVITIES,
COMMERCIAL VENDORS, HUGE SWAP,
VE TESTS, BAR-B-QUE DINNER,
SUNDAY GRAND CANYON TRAIN TRIP



ALL SPACES - \$15 per Space
DRY CAMPING - \$15 per Space
or FREE with Selling Space

BEFORE JUNE 1, 2011

After June 1 & ON-SITE - \$20 per Space
Selling and/or Camping
(all prices are for entire weekend)

FOR RESERVATION INFORMATION

Visit the ARCA Web Site

www.arca-az.org

On-Line Reservation Available on Web Site

Or Call - 602-881-ARCA (2722)

Talk-In - 146.78 - (91.5 PI)

NO FOOD OR BEVERAGE SALES WITHOUT WRITTEN PERMISSION & HEALTH PERMITS

NO GUNS, DRUGS or ALCOHOL PERMITTED on GROUNDS