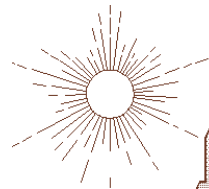


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 42, No 10

October 2017

CLUB MEETING SCHEDULE

QCWA

October
TBD

Phoenix Area
11:00 AM

WVARC

Oct 2nd

St Clement Catholic Church

Social Hall
7:00 PM

SuperstitionARC

Oct 17th

Charles K Luster Bldg

7:00 PM

ARA

Oct 26th

Denny's Restaurant - Tempe

7:30 PM

MARCA

Oct 17th

Denny's Restaurant - Tempe

6:30 PM

MARA

Oct 28th

Barrow's Pizza - Maricopa

9:00 AM

ANSR

Oct 16th

via GoToMeeting

7:30 PM

YARC

Oct 5th

Mile High Middle School

7:00 PM

CLUB MEETING SCHEDULE

SARC

Oct 4th

Scottsdale Senior Center

7:00 PM

AARC

Oct 12th

Red Cross Bldg. - Phx

7:30 PM

OPRC

Dec 13th

Marshall Conference Ctr
at Tucson Medical Ctr

7:15 PM

TBARC

Oct 19th

North Phoenix Campus
Northern Arizona University

7:00 PM

MCCARC

Oct 2nd & 16th

Mesa Community College Tech Bldg

7:00 PM

CADXA

Oct 5th

PERA Club

7:00 PM

OVARC

Oct 20th

Ascension Lutheran Church

7:00 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. at the American Red Cross Building at 4747 N 22nd St. in Phoenix. Visit web site at www.W7IO.org for map. Visitors are welcome.

President	Gary Hamman	K7GH	602.996.8148
Vice President	Joe Cutitta	W0SLI	623.215.2226
Secretary	Reinhard Geissler	K7RGG	
Treasurer	Bob Hodges	K7JJT	602.375.9982
Activities Mgr	Lori Cripps	WA7EDI	602.955.7517
Membership	Bob Hodges	K7JJT	602.375.9982

AARC c/o Bob Hodges, K7JJT, 15214 N 7th Place, Phoenix, AZ 85022. 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 7:00 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 147.78/1.18 repeater.

President	James Wasson	N7ELL	480.456.1154
Vice President	Kelley Law	KF7ZVL	
Secretary	Paul Jorgenson	KE7HR	
Treasurer	Alan Jensen	KE7FSD	
Past President	Paul Finell	W7EFQ	602.741.6563
Board Members	Jerry Jacques	KE7GYM	480.239.8679
At-Large	Dreux Jacques	W7EMU	
	Louis Schmitt	NQ7I	
	Judy Jensen	KE7IXI	480.773.8452
	David Yee	N7AJR	
	Paul Jorgensen	KE7HR	
	Ed Nickerson	WU7S	480.949.5162
	Charlie Brown	NJ7U	
	Bill Kouchis	N9EIV	

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

ARIZONA NEAR SPACE RESEARCH

The Arizona Near Space Research group meets the **THIRD MONDAY** of the month at 7:30 p.m. on Skype. Technical meetings are held the first Monday of the month at 7:30 p.m. on GoToMeeting. Please contact an officer about joining our meetings.

President	Stephen Thomas	KE7TLS	iamgadget1@yahoo.com
Vice President	Clayton Jacobs	KJ6QJS	
Secretary	Steve Miller	W6SDM	
Treasurer	Bill McLean	K7WWM	bmclean@gmail.com

ANSR, PO Box 31003, Mesa, AZ 85275-1003. DUES: \$10.00/YR. Web Site: www.ansr.org

THUNDERBIRD AMATEUR RADIO CLUB

The Thunderbird Amateur Radio Club meets the **THIRD THURSDAY** of each month at 7:00 p.m. at North Phoenix Campus of Northern Arizona University located at 15451 N. 28th Avenue (near I-17 and West Greenway Road). The meeting is held in room 147. See the website (<http://w7tbc.org>) for a map and more details.

President	Gary Duffield	WK7B	602.843.7724
Vice President	Chris Johnson	K6OZY	623.866.2777
Secretary	Gary Cline	AF7BJ	
Treasurer	Darren Johnson	AF7CO	
Board Members	Joe Arnold	AD0X	
	Andrew Cornwall	KF7CCC	
	Wayne Hale	W6IZK	
	Robert Fairfield	K7RQN	
Past President	Walt Reinert	NJ8G	602.938.8219

For further information about the ThunderBird Amateur Radio Club, visit our website at <http://w7tbc.org>, send an e-mail to: info@w7tbc.org or call 602.938.8219. Mailing address: PO Box 83615, Phoenix, AZ 85071-3615.

OLD PUEBLO RADIO CLUB

The Old Pueblo Radio Club meets the **SECOND WEDNESDAY** of March, June, September and December at 7:15 p.m. in the Marshall Conference Center 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:	Cliff Hauser	KD6XH	
	Jim Ulmer	KC7THU	
	Lin Donnelly	KF7CNR	
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.

AZ RED CROSS COMMUNICATIONS CLUB

The Arizona Red Cross Communications Club meets at the Red Cross Building located at 4747 N 22nd Street in Phoenix. The group meets at emergency drills and at the call of the officers.

President	Frank Engstrom	KB7IQ	480.209.7300
Vice President	Larry Buchanan	AA0LB	623.703.9161

Arizona Red Cross Communications Club - K7ARC, 4747 N 22nd Street, Phoenix, AZ 85016.



ADAW Member Clubs

BARRY M GOLDWATER, ARIZONA CHAPTER QUARTER CENTURY WIRELESS ASSOCIATION

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. During December and January, the net time is moved to 0730 MST.

President	Tom Fagan	K7DF	520.574.1129
Vice President	John Marshall	WA7BST	623.334.2583
Secretary	Clifford Hauser	KD6XH	520.235.7393
Treasurer	Dave Hanson	W7BJ	w7bj@outlook.com
Webmaster	John Marshall	WA7BSR	623.334.2583

Web Site: <http://azqcwa.org> Email: azqcwa@gmail.com.
DUES: \$7.00/year and current national QCWA membership.

MINGUS MOUNTAIN REPEATER GROUP

Meetings are held twice a year, an annual board meeting in Phoenix and a picnic meeting in Chino Valley. Dates, times, and locations are announced in the newsletter.

President	Bob Sitterley	K7POF	928.636.2146
Vice President	Ray Tyrrell	N6MY	n6my73@gmail.com
Treasurer	Linda Sitterley	W7POF	mmrginc@gmail.com
Secretary	Lori Cripps	WA7EDI	602.955.7517

Web Site: <http://www.k7mrg.org>. DUES: \$20.00 per year, due prior to July 1. MEMBERSHIP YEAR - July 1 - June 30.

MARICOPA AMATEUR RADIO ASSOCIATION

The Maricopa Amateur Radio Association (MARA) meets the **FOURTH SATURDAY** of each month at 9:00 a.m. at Barrow's Pizza, 44600 W Smith-Enke Rd. (Smith-Enke and John Wayne Parkway) in Maricopa.

President	Steve Miller	W6SDM	602.290.1603
Vice President	Chris Canevit	W7CGC	
Secretary	John Wiltberger	N07IN	
Treasurer	Curt Steger	NA7CS	520.568.9471
Board Members:	Steve Miller	W6SDM	602.290.1603
	David French	N7FAN	480.430.9426
	Bob Howard	W8RH	520.709.6176
	Curt Steger	NA7CS	520.568.9471
	Ronald Beasley	KG7MUV	520.568.4880
PIO:	Steve Miller	W6SDM	602.290.1603
Webmaster:	David French	N7FAN	480.430.9426

The Maricopa Amateur Radio Association is a 501(c)(3) non-profit organization. DUES: \$25.00/year individual, \$30.00/year family. Apply on-line at www.copahams.org. Mailing address: P O Box 951, Maricopa, AZ 85139

WEST VALLEY AMATEUR RADIO CLUB

The West Valley Amateur Radio Club is an Arizona 501(c)(3) non-profit corporation. Meetings are the **FIRST MONDAY** of each month at 7:00 PM in the St Clements Catholic Church Social Hall located at 15800 Del Webb Blvd., Sun City. The board meets the third Tuesday of the month at Lou's Trivoli Gardens, 12535 W Bell Rd, Surprise at 7:00 PM. The Emergency Preparedness Group meets the third Monday of the month at 7:00 PM at Boswell Hospital. Club nets are held on 147.300 (tone 162.2) at 9:00 AM daily and Monday - Thursday at 8:00 PM. The preparedness net is held the last Friday before the monthly Monday night meeting at 8 pm on the NY7S repeater 147.300 MHz, Tone 162.2 Hz. A weekly breakfast is held on Thursdays at Lou's Trivoli Gardens, 12535 W Bell Rd., at 7:00 AM.

President	Jim Rogers	N7YTI	623.214.9219
Vice President	Harry Scholz	AF7UT	623.878.0587
Secretary	Sharon Blaylock	KI7DOK	623.584.6974
Treasurer	Geoff Bock	KB7QFP	708.723.7757
Club Directors:	Bob Paul	KG7FIL	623.252.0149
	John Siepmann	N9NA	623.266.8333
	Tom Connor	W7TLC	623.444.7956
	Nancy Collins	KG6QWW	623.398.5286

WVARC, P O Box 1573, Sun City, AZ 85372-1573. DUES: \$15.00/YR for family residing at the same address. MEMBERSHIP YEAR - January - December. Web Site: <http://www.westvalleyarc.org>.

SUPERSTITION AMATEUR RADIO CLUB

The Superstition Amateur Radio Club meets at 7:00 p.m. on the **THIRD TUESDAY** of each month (except December) at the Charles K Luster Building, 640 N. Mesa Drive, Mesa (use the glass door on your left at the main entrance). Visitors are welcome. Board meetings are held at 6:30 p.m. on the second Tuesday of each month (except December) at Black Bear Diner, 1809 E. Baseline Road, Gilbert.

President	Steve Estes	KB7KWK
Vice President	Jeff Machesky	K7ZLX
Secretary	Brent Butler	W7FK
Treasurer	Douglas Mitchell	W7ADD
Board Members:	Andy Keels	KD4ABB
	Don Rollock	W2EUL
	Charlie Brown	NJ7V
	Dale Schmidt	N7QJK
	Dan Karnes	W7TWR
	Jeff Heinze	N7CCW
	Larry Fort	AB7C

Superstition ARC, 5155 E Eagle Dr #21522, Mesa, AZ 85277. Web Site: SuperstitionARC.org and SuperstitionSuperFest.org. The Superstition Amateur Radio Club is a 501(c)(3) non-profit organization. For club information, please send email to: Communications@SuperstitionARC.org.



ADAW Member Clubs

MARCA, Inc. / W7MOT

MARCA is an Arizona 501(c)(3) Non-Profit organization. The club call sign in W7MOT. Membership is open to all amateur radio enthusiasts. Meetings are held the **THIRD TUESDAY** of each month at 6:30 p.m. at Denny's Restaurant located at 825 S 48th Street in Tempe (SE corner of University & 48th Street). Monthly presentations cover a broad spectrum of interesting subjects. Visitors are welcome to attend. Come early for dinner and socializing. Repeater Problem Reports are encouraged. A Repeater Problem or Comment Reporting is available at <http://www.w7mot.org/index.php/repeaters/report-a-repeater-problem>. Site Managers and officers will take reports for any W7MOT repeater. Contacts are found on website. Club activities include providing voice, aprs, packet, DStar, and Fusion repeaters Central Arizona; ARRL Field Day, special interest groups in SDR, APRS, antennas, digital modes.

President	Norm Johnson	AA7OO	480.278.2886
Vice President	Dave Hall	N7ZPY	
Secretary	T D Kennard	N7ISR	
Treasurer	Don Aldridge	WA7RLL	
Director	Bill Hosking	W7JSW	
Director	Dusty Morris	W7ITM	
Trustee:	Norm Johnson	AA7OO	480.278.2886
Webmaster:	Norm Johnson	AA7OO	480.278.2886

MARCA, Inc., PO Box 28246, Tempe, Arizona 85285. Membership dues \$25 annually. See our website (<http://w7mot.org>) for more information about meeting schedules, membership, repeaters, library, and club activities.

ARIZONA REPEATER ASSOCIATION, INC

The Arizona Repeater Association general meeting is held the **FOURTH THURSDAY** of each month at 7:30 p.m. There are no meetings in July and December. The November meeting is held the Monday before Thanksgiving. Meetings are held at Denny's Restaurant, 825 S 48th Street, in Tempe, near SR 143 and University Drive. Visitors are welcome. Come early for food and social time before the meeting starts. For further information about the ARA, including repeaters, site status, and the tech/board meeting, please visit our web site at www.w7ara.org.

President	Virgil Silhanek, K7VZ	k7vz@w7ara.net
Vice-President	Brian McCarthy, AK7F	ak7f@w7ara.net
Treasurer	Erv Heimbuck, K0OTZ	k0otz@w7ara.net
Secretary	Jim Hoff, N7XXX	n7xxx@w7ara.net
Board Members:		
	Lance Halle, KW7LH	kw7lh@w7ara.net
	Dennis Bietry, KE7EJF	ke7ejf@w7ara.net
	Doug Pelley, WB7TUJ	wb7tuj@w7ara.net
	Joe Godfrey, AE7JG	ae7jg@w7ara.net
	Dennis Campbell, AE7WU	ae7wu@w7ara.net
	Mike Montalvo, KF7MBK	kf7mbk@w7ara.net
	Marty Dusenberry, KE7DGP	ke7dgp@w7ara.net
	James Wasson, N7ELL	n7ell@w7ara.net

For Membership Information, contact (Mike Montalvo, KF7MBK membership@w7ara.net) Arizona Repeater Association, Inc, P. O. Box 35758, Phoenix, Arizona 85069-5758. To join or renew, please visit <http://w7ara.org/mbr/Membership.aspx>. DUES: \$18.00/yr. (Jan. 1 through Dec. 31) with a one-time initiation fee of \$10.00. Life and family memberships are available.

YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club meets the **FIRST THURSDAY** of every month at the Mile High Middle School located at the end of W Carleton Street west of Montezuma Street (visit web site at www.w7yrc.org for directions and map). YARC is an ARRL Special Service Club dedicated to public service and emergency preparedness. The club serves the quad cities area of Prescott, Prescott Valley, Chino Valley/Paulden, and Dewey/Humboldt.

President	Kathy Laing, KJ6KMK	president@w7yrc.org
Vice-President	John Stevens, AB9JS	vice_president@w7yrc.org
Secretary	Sandy Mattsen, K9WIZ	secretary@w7yrc.org
Treasurer	Mike Reid, N7IEP	treasurer@w7yrc.org
Past President	Frank Bender, K8FB	k8fb@w7yrc.org
Board Members	Art Jackson, KA5DWI	ka5dwi@w7yrc.org
	Rex Mauldin, N7NGM	n7ngm@w7yrc.org
	Art Protas, KG6AY	kg6ay@w7yrc.org

Yavapai Amateur Radio Club, P O Box 11994, Prescott, AZ 86304-1994. DUES: \$20.00/yr. Visit the website at www.w7yrc.org

ORO VALLEY AMATEUR RADIO CLUB

The Oro Valley Amateur Radio Club meets the **THIRD FRIDAY** of each month at 7:00 p.m. at Ascension Lutheran Church located at 1220 W Magee Road in Tucson. (June is normally Field Day. December is annual Christmas Party and date and location varies.) Visitors are welcome. Board Meetings are held at 9:00 a.m. at the Oro Valley PD Substation EOC on Tangerine Rd (next to WalMart) in Tucson. Check the web site at www.tucsonhamradio.org for dates.

President	Steve Wood, W1SR	president@tucsonhamradio.org
Vice-President	Fred Bresani, W2HZ	vicepresident@tucsonhamradio.org
Secretary	Carl Foster, KB7AZ	secretary@tucsonhamradio.org
Treasurer	Hanna Eckert, KG7TPD	treasurer@tucsonhamradio.org
Board Members	Ross Eckert, K4WBR	
	Scott Boone, K7ADX	
	Gary Pierce, WE7GP	
	George Cooley, NG7A	
	Marnee Dearman, KG7SIO	

DUES: \$25.00/year (Household members living at same address \$15.00 each additional). To join or for additional information, visit website at <http://www.tucsonhamradio.org/>.

MESA COMMUNITY COLLEGE AMATEUR RADIO CLUB

The Mesa Community College Amateur Radio Club meets the **FIRST** and **THIRD MONDAY** of each month at 7:00 p.m. at Mesa Community College located at 1833 W Southern Avenue in Mesa. The meetings are held in the Technology Center Building 50, Room TC414 on campus. Every other meeting focuses on beginner topics to assist members in testing for the Technician license. All are welcome to join and there are no membership dues or requirements other than only MCC students may vote and hold club officer positions.

President	Charlie Brown	NJ7V	nj7v@arrl.net
Vice President	T.D. Kennard	N7ISR	n7isr@yahoo.com
Senator	Victor Valderram		vicau50911@maricopa.edu
Secretary	Robert Swanson		robswanson30@yahoo.com

ADAW Member Clubs

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	Jack Landon	KD7ROB	480.759.5195
Vice President	Jim Felkey	N7BBS	480.966.7084
Secretary	John O'Neal	K7IP	480.961.1109
Treasurer	Karen McConaghy	NO7D	602.799.7338

Board Members:

Jean W4CIH	ADAW, Publicity
Steve WB4ZSC	Tech/IT, CARL/ASC Interface
Fred K9TOS	Logbook/QLS
Tom K9TOS	At Large
Sam N7INV	Scheduling
Dave W7PMD	Hamfests
John K7JP	Teacher Packets
Bob KG7QJ	Classes, ASC Contact

Web Master, ARCA Rep - Roger Buel, W9NCQ - 602.493.7242

For information: Email to carl@w7asc.org or call Jack, KD7ROB at 480.759.5195. Web Site: <http://www.w7asc.org>

CENTRAL ARIZONA DX ASSOCIATION

The Central Arizona DX Association meets the **FIRST THURSDAY** each month at 7:00 p.m. (except for January Awards Banquet) at the PERA Club, located at 1 E Continental Drive in Tempe. Visitors always welcome. See www.cadxa.org/meetings.html for a map. The May meeting is an outdoor barbecue at 6:00 p.m. (reservations required).

President	Lee Finkel	KY7M	ars-ky7m@cox.net
Vice President	Fred Hoffert, III	NA2U	cwman1@aol.com
Secretary	Bill Poole	AA4Q	bill@poole.com
Treasurer	Alton Chaney	W7ACX	w7acx.480@gmail.com
Past President	Tom Kramer	NQ7R	tkramer@azci.net
Board Members	Larry Loen	WO7R	lwoen@gmail.com
At-Large	Mickey LeBoeuf	K5ML	k5ml@arrl.net

CADXA, P.O. Box 24616, Tempe, AZ 85285-4646. Email: cadxa@cox.net. Dues are \$25 per year (\$12.50 per additional family member). For more information, DXing resources, and a membership application, visit our website: www.cadxa.org.



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Please be sure your club has your current email and/or mailing address.

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



October is kicking off with a bang. There are three four events scheduled for this month with two of them being the first weekend of the month.

The Mohave Amateur Radio Club will be presenting their Kingman Hamfest on October 7 and 8 at Centennial Park in Kingman. The hours are from 7:00 AM until 3:00 PM on both days. The entire event is free, so you can spend lots of money on those ham goodies. See the Hamfest Calendar on page 16 and their flyer in the flyer attachment for all the details.

Also scheduled for the 7th of October is the Tonto Amateur Radio Associations swap meet. The event will take place from 8:00 AM until 11:30 AM in Rumsey Park at Ramada #4 in Payson. There will be a potluck barbecue immediately following, so stick around for some good eats and great company. Check the Hamfest Calendar on page 16 and the flyer in the attachment for more information.

The W7AZO 4x4 Ham Group has scheduled a Special Event from the Titan Missile Museum outside of Tucson for Saturday, October 21. It's a trip to the Titan Missile Museum to work HF contacts from the 80-foot tall discone antenna. The museum is located at 1580 W Duval Mine Road in Green Valley. Operation will take place from 8:45 AM until 5:00 PM. Everyone is welcome, ham or not. Talk-In during the meet up and travel to site will be on the ARA Metrolink repeaters and 147.52 simplex. If you are unable to join in person, listen for calls on 14.274 MHz and 7.274 MHz or check for spotting on www.DXWatch.com

Last, but definitely not least, is the 2017 ARRL Arizona State Convention/CopaFest 2017. This year's event will be held on October 28 from 7:00 AM until 1:00 PM at Ultra-Star Multi-Tainment Center at Ak-Chin Circle. This year's event promises to be great with seminars, swap meet, VE testing and more. The Amateur Radio Council of Arizona will hold its fall meeting at the event. More information may be found in the Hamfest Calendar on page 16 and on the event flyer in the flyer attachment.

There are plenty of Public Service Events coming up the next couple of months. Check the listing on page 8 if you are interesting in taking part.

That's it from me this month. Enjoy the cooler weather.

See ya next month!
Chris, N7PVL

ADAW



The Amateur Radio Council of Arizona (ARCA) invites you to our next meeting on October 28, 2017 at 11:00 a.m. The meeting will be held at the 2017 ARRL Arizona State Convention/Copafest 2017 located at 16000 N Maricopa Road in Maricopa. The 2017-2018 Officers of ARCA will be taking the helm at this meeting. They are:

Chairperson:	Bob Howard, W8RH
1 st Vice-Chair:	Virgil Silhanek, K7VZ
2 nd Vice-Chair:	Steve Miller, W6SDM
Secretary:	Melinda Wilson, KC7FWR
Treasurer:	Christine Kesauer, N7PVL
Past Chairperson:	Jeff Hanna, WB7RFY

With the passage of the new license plate bill, SB1132, and other recent changes within ARCA, a lot of new and exciting things will be happening in the next year. We need input from each member club to help determine how we can best promote the amateur radio community in Arizona. If your club is not a member of ARCA, we would love for you to join us to learn what ARCA is all about. If you are unable to make the meeting, but have questions about ARCA, please email us at arca@arca-az.org

Hope to see you there!
The ARCA Board of Directors

ADAW





*Gary cuts his Birthday
Cake*

A look at the September 2017 calendar discloses a very active month for Arizona Amateur Radio Club members. Four of them found their way to Hamcon 2017, the Southwest Division ARRL Convention in Torrance, California. President Gary Hamman K7GH, Secretary Reinhard Geissler DL1UF, Activity Manager Lori Cripps WA7EDI, and member Ingrid Geissler W7ISG enjoyed the many activities. Reinhard, of course, fulfilled his duties as card checker.

If you haven't attended a major amateur radio event recently, let me refresh your memory a bit about memorable events: Bob Allison, WB1GCM's presentation on amateur radios of the future included a look at Bob's job at ARRL headquarters regarding evaluating recent amateur radio equipment. Ned Stearns' presentation on "Journey to the Edge" regarding his DXpedition to South Georgia and the South Sandwich Islands was very informative. Space Weather Expert Dr. Tamitha Skov's "Expectations for the Next Solar Cycle" was intriguing. Dick Norton's (N6AA's) ARRL forum was especially interesting this year since recent rulings restricted ARRL board members from discussing content of ARRL meetings with ARRL members.

The tech talk schedule was extensive, including such topics as "Elecraft—High Performance HF" by Matt Xilmer, W6NIA; "Secrets of the End Fed Wire Antenna" by Bob Brehm, AK6R; and "Build Ham Radio Go Boxes" by Robert Burchett, WB6SLC. Actually I counted 45 tech sessions on the schedule. There was something for everyone!

The September 14 AARC meeting itself was very special. In addition to celebrating President Hamman's birthday with a delicious chocolate cake, we were treated to special eclipse photos by Reinhard. He's a magnificent photographer, and since several of our members had missed seeing the eclipse, they were pleased to have a chance to see Reinhard's excellent photos.

At the same September meeting, we saw photographs of Gary Hamman's and Lori Cripps' recent trip to the Great Barrier Reef off the northeast coast of Australia. One of the most impressive photos from that trip would have to be the photo of the Sydney harbor at night with its lighted opera house!

73,
Lori, WA7EDI



*Bob Allison,
WB1GCM*



*Mr & Mrs Ned
Stearns*



*Pres. Hamman &
Sec. Geissler at
Black Bear
Restaurant*



*Space Weather
Presentation*



It's amazing how quickly a year goes by. It seems like we just finished Copafest last year and here we are just a month away from the next one. If you haven't attended a Copafest in the past, you're missing out. It's not your typical parking lot hamfest. Copafest 2017 has a lot to offer, beginning with all of the amenities of a world-class entertainment center.

If you bring the family along, there are movies, laser tag, bowling, restaurants, and much, much more. I can promise you that the wife and kids won't be sitting out in the car asking repeatedly if it's time to go. They will have plenty to keep them occupied while you sift through the tons of treasures, boat anchors, and other items offered by tailgaters.

For five bucks, you get admission and a door prize ticket. Our raffle prizes include a Hammo Can – which is a dual bander built into a regular ammo can with everything you need to get right on the air. No prepper should be without one of these. We're raffling off the classic Hy-Gain 14AVQ vertical, which will get you on 40 through 10 meters even in most antenna restricted areas. There's also a Yaesu FT-60, and much more.

Our event is running from 7:00 AM until 1:00 PM. We're easy to find – just come north or south on SR 347 and look for the tallest building in western Pinal County. That's the new hotel the Ak-Chin Casino, right next to the Ultra Star.

73,
Steve, W6SDM

ADAW



*Columbus Day
October 9*

Public Service Calendar

Maricopa County Emergency Communications Group Events

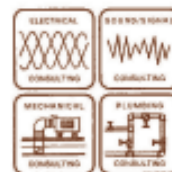
EVENT	LOCATION	DATE
Xterra Estrella Mtn Trail Run	Estrella Mtn Park	10/08/17
Tour De Scottsdale	DC Ranch Scottsdale	10/08/17
ADA Step Out for the Cure		10/28/17
	Midwestern University, 59th Ave & Loop 101	
Javelina Jundred	McDowell Mtn Park	10/28/17
JROTC First Water	N of Apache Junction	11/04/17
Phoenix Half Marathon	Downtown Phoenix	11/05/17
Xterra San Tan Trail Run	San Tan Park	11/12/17
JROTC Shopies Flats	N E of Wickenburg	12/09/17
Scottsdale Half Marathon	Scottsdale Civic Center	12/10/17
Xterra-White Tanks	Waddell	01/07/18
JROTC First Water	N of Apache Junction	01/27/18
Runner's Den Pancake Run		02/04/18
	E Phoenix, Paradise Valley Mall	
Xterra - McDowell Mtn	Fountain Hills	02/04/18
Black Canyon 100K		02/17/18
	Spring Valley to the Emery Henderson Trailhead	
Lost Dutchman Marathon	Apache Junction	02/18/18
JROTC Shopies Flats	N E of Wickenburg	02/24/18
Xterra Black Canyon Trail Run - Black Canyon City		03/11/18
Mesquite Canyon	Waddell	03/17/18
Crown King Scramble	Lake Pleasant - Crown King	03/24/18
March of Dimes March for Babies		04/14/18
	Wesley-Bolin Park, Downtown Phoenix	

To sign up for an MCECG Public Service Event: www.mcecg.net

For information, contact Dennis Bietry - KE7EJF at 602.274.3732 - email, ke7ejf@cox.net, or contact the Event Coordinator for the event.

ADAW

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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.



CARL Continued from Previous Column

“wise guy” questions. (See what you are missing if you are not yet a volunteer at W7ASC ?)

Every now and then we are thrown a good one that deserves a thoughtful answer. The future of the Universe hangs over us. How would you answer this one?

A non-Ham listened to our tale of Public Service. Ham operators save the world during an emergency. They are convinced – you can see it in their eyes. So they ask “How would I find a Ham if I needed one?”

OH BOY! We know how to do that if you have a license and a radio. We know how to find a Ham, even in a strange place. But we are largely invisible to the Public that we claim to serve. I want your answer. Responses, possibly edited for various reasons, may be included in a future W7ASC newsletter. Give it serious thought!! Winning answers will be provided with a free W7ASC Volunteer application. (Losing answers will receive two free applications.)

Consider, if you will, the recent tragedy in Texas when the hurricane inundated Houston and other regions. Ham radio probably played a role in the effort to communicate when the phone system was not able to provide needed communications services. First responders found to that their Government issued systems could not interface. Did Ham radio play a part in the rescue effort? As you read this, reports in QST will tell us, but the commercial news media made little mention of the Amateur Radio Service. News of the storm, the precipitation and the subsequent human crisis went on wall-to-wall for many days. As far as the media were concerned, Ham radio was nonexistent. QST will probably have a great report. See the ARRL Newsletter “Amateur Radio Volunteers Assisting Where Needed in Harvey Response” at <http://www.arrl.org/arrlletter?issue=2017-08-31>

QST, by and large, is read only by Hams. Hams, for whom this effort is generally a given. We generally have not yet learned how to let other people know that we are not just engaged in erecting towers and “unsightly” rooftop antennas. Send your responses to W4CIH jeanjol@hotmail.com

We look forward to meeting here again in November.

73 de W4CIH

The BIG event in August was, of course, the eclipse. In the event that you missed it, things were hopping at the Arizona Science Center where Eclipse Center was fully staffed. It was not all Ham radio, but there was plenty of on-air activity.

The Science Center encouraged visitors to move outdoors into Heritage Square. Visitors assembled viewing kits for safe eclipse watching. There was so much participation that the Science Center ran out of materials! A quick call to the main observatory attempted to delay the start of the eclipse while more kits could be assembled. The request for rescheduling was not successful; as you might have noticed, the eclipse went on according to the published schedule.

Meanwhile, up at the W7ASC Ham shack, an expanded team of volunteers were busy making and logging contacts on sideband and CW. Results were forwarded to ARRL who plans to analyze the data, looking for possible changes in propagation in and around the path of the eclipse. If you were there, and you wondered about the high level of Ham activity, that is what was happening. Look for an eclipse story in QST at some future date.

Did you miss this activity? Be of good cheer. There is to be a repeat performance! We are told, by Government authorities, that they are scheduling another eclipse in about seven years. But that is just a Government promise. Sad to say, the Government does not always deliver on its promises, so be ready, but do not count on it.

Speaking of being ready – did you obtain ISO approved viewing glasses? If you did, save them. Place them in safekeeping, then send yourself a message, scheduled for delivery in seven years, reminding you of that “safe place.” When the year 2024 rolls around, you will feel pretty clever when all of your friends admit that their special glasses are lost in the detritus that collects over seven years. Unless the formula changes, rubbing your eyes with sun block will NOT substitute for viewing glasses.

If you are not there yet, you have seven years to upgrade to an Extra class license in order to be able to participate in the propagation study. Be sure to mark your calendar for 2024 and the possibility of another solar eclipse.

Those of you who volunteer at W7ASC know that part of the fun is answering questions. Some are funny. Some are asked in an attempt to denigrate Ham radio. Some are, of course,

Continued Next Column

ADAW





Arizona Red Cross Communications Club

4747 N 22nd St. - Suite 100 - Phoenix, AZ 85016
VHF – 146.84 MHz – PL 162.2 / UHF – 446.900 MHz – PL 131.8
Echolink Node #731289 – K7ARC-R

On September 25, 1967, the first meeting of the Arizona Repeater Association was called to order. Officers were chosen, the constitution was drafted and approved, and the club name was adopted. After the meeting, dues were collected from the first members. Happy Birthday Arizona Repeater Association.

As the hot, long summer winds down, it's time to think about doing that maintenance work on the ham projects you've been putting off until cooler weather. So have we here at the Red Cross. The plan is to have a group work party in October to install a couple new antennas, replace some coax, and realign a couple repeater boards we've neglected.

We also need to work on the Communications Van. We have a couple new radio items to install as well as fix the awning and antennas – which got damaged. Help with this is always appreciated.

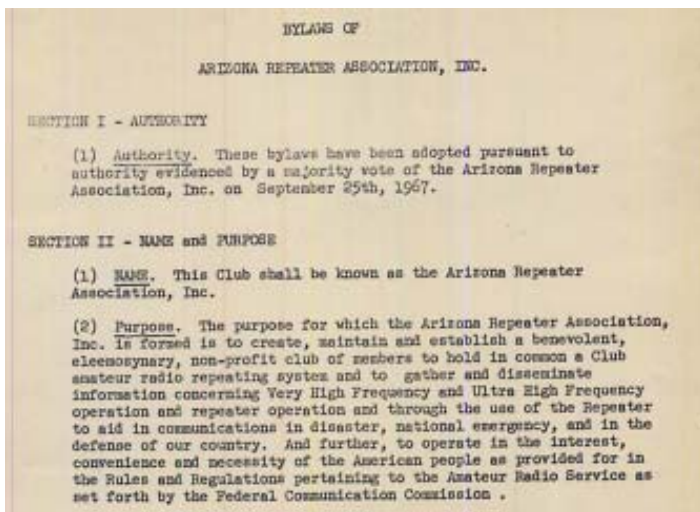
The Red Cross Building is quite empty these days as a lot of employees and volunteers are helping folks in Houston and Florida. With the eminent threat of additional hurricanes, the Red Cross will be looking for more folks to help with disaster relief. If you have the availability, come join them and volunteer.

Don't forget to check out our new website – www.k7arc.org. We're always adding new stuff to it and we welcome any ideas you might have to add as well.

There is still talk about starting a weekly net. Let us know if you would be interested.

That's all from yours truly. Have a great fall, 73.

Your Humble Scribe,
Mark, N7KKQ



Virgil K7VZ
ARA President

ADAW

ADAW





The August Escape is in the books. Gary AF7BJ led an intrepid group of 11 up to Flagstaff to escape the heat. We ended up operating SSB on 40 and 20, as well as a digital station. Some operation was solar, and one member brought up a portable SDR radio as well. Weather for most of the weekend was good, though rain on Sunday got most people heading back before the eclipse.

One thing we discovered upon arrival was that the forest service had additional regulations that weren't on their website. In particular, we weren't allowed to string electrical or coax cables across the roadway. It seems like the O'Leary campgrounds would be ruled out for field-day style operations because of this.

But everyone enjoyed the Saturday pot luck, and the propane grills were put to good use. The cooler weather was a nice break from the temperatures in Phoenix. Gary took some pictures so you can see how things went.

The technician class has started up, and as of last report, we had 21 attendees. That's a great turnout—it pretty much filled the 25 person classroom we're using. You should be hearing a few new callsigns on the club repeater soon!

As you might have heard at the August and September meetings, we are changing the club bylaws to make them compatible with a 501(c)3 corporation. This would allow us to do a number of things we can't now - such as providing tax receipts for donations, and potentially qualifying for funds from the Arizona license plate fund administered by ARCA. Join us in October to learn more and let your voice be heard, and definitely come to the November meeting to vote on the changes.

Have you been to a TBARC meeting yet? Why not stop by? We'd love to have you join us, and guests are welcome. Our meetings are held on the third Thursday of the month at the North Phoenix Campus of Northern Arizona University. It's near Greenway and I-17, starting at around 7:00 p.m. See the club website at w7tbc.org for directions. In October, Scotty Cowling WA2DFI & Dan Babcock N4XWE will be presenting Software Defined Radios. What are the latest advances in the field of SDR? How can you get started if you're brand new? Just what is a software-defined radio anyway? Join us and find out!



Andrew Cornwall KF7CCC
kf7ccc@arrl.net

ADAW



Nearly two years in the planning came to fruition on October 21, 2017, when Arizona Near Space Research launched two high altitude balloons to photograph the total eclipse. Thirty-five vehicles and twenty-four people managed to converge on Wyoming's Glendo State Park in the direct path of the totality. We started arriving and setting up camp during the week before the event. Everything from luxurious motor homes to simple tents was used to house our adventurers.

Besides ANSR members, we had students and faculty from Arizona State University, Embry Riddle Aeronautical University in Prescott, and the Prescott Astronomy Club. We even had a reporter from Weekendavisen in Denmark recording every phase of our mission. The article came out in Denmark the following week.

There were fire restrictions, and rather than have each member be responsible for their own preparation, ANSR recruited Clayton and his mom to be our designated culinary artists. It just made more sense to have food done chuck wagon style than having each person try to store food and cook on their own. They did a fantastic job and nobody left any lighter in weight than when they came. Between meals, snacks were courtesy of a shaved ice trucks that made rounds through the campsite each afternoon.

The town of Glendo had one restaurant and one gas station. By the weekend, both were taxed to the max. People were selling tee shirts on the sidewalk. They were selling eclipse glasses too until we started giving them away for free.

The day of the flights, we literally took ownership of the Wheatland repeater. The local hams were gracious and welcoming and even offered to have someone on standby at the mountaintop site in case the repeater went down. It operated flawlessly and we had comms throughout our entire mission.

The mission itself was a great success. We overcame last minute glitches, like having the wrong regulators for the gas we were using, but we still managed to get two balloons into the air before the eclipse and capture video with Go Pro cameras and a 360-degree camera. The footage appears on our web site at ANSR.org.

Our balloons reached altitudes of over 104,000 feet. Both came down on the Twisted Fork Ranch near Hartville, Wyoming (population 62). With miles and miles of flat, accessible pasture all around, both payloads touched down in a stand of pine trees on the side of a mountain. Some of our

Continued Next Column

ANSR Continued from Previous Column

more agile members made the hike and the climb and recovered everything intact.

It was a successful mission. We not only met our objectives but we did so without anyone getting hurt or lost. Lots of new friends and acquaintances were made. For me, it was worth six days on the road and a 2,500-mile round trip.

Our next flight will be a little closer to home. We plan to launch from the ARRL State Convention at Copafest 2017 on October 28.

Steve Miller, W6SDM





The heat of the Arizona summer just won't quit, but it still beats living through hurricanes. My heart goes out to all our W4 and W5 ham friends who live in harm's way and lost their homes, stations, or parts of their stations to the high winds and flooding caused by Harvey and Irma.

I left the Arizona heat for a week to go visit family and friends back in my hometown of Chicago. It was delightful to have windows open and a 60-degree breeze blowing through the apartment where we were staying. I hope we start feeling some cooler air here in the mornings when the days grow shorter as we move into fall. I also hope we start to get some enhanced DX propagation on the low bands as the summer storms begin to subside.

The sun has been full of surprises lately. This past Sunday morning (Sept.10), I was all set to chase some European stations on 20 meters in the WAE phone contest, but by the time I settled into my operating chair an X-class flare had wiped the band clean of all signals. I had to settle for working a few locals on 6 meters in the ARRL VHF Contest, not quite the same thing. It was the second flare in as many weeks and provided some improved propagation in advance of the solar explosion. I did work a pair of VU stations on 20m FT8 the morning before that last flare disturbed our ionosphere. How ironic that my question during the September meeting introductions was describing a memorable radio blackout from a solar disturbance.

It is that time of year when we get the Nominating Committee geared up to recommend a slate for next year. If you have an interest in serving on the CADXA Board, please let me know. If you are contacted by the Nominating Committee, I hope you will say "yes" and keep our momentum going as a leading DX club with an international reputation for excellence.

Next Meeting on October 5th

Our next meeting will be on Thursday night, October 5th, at the PERA Club beginning at 7:00 pm. The program will be "The QRZ.com Story" presented by the website's founder, Fred Lloyd, AA7BQ. QRZ was founded by Fred in 1992 "as a spinoff of what was once called the "Callsign Project." For DXers and award chasers, Fred's website creation has

MMRG is mourning the loss of a long time member Harold Berthold, KC7BPI, who passed away in September.

On a happier note we have six new members. They are: KJ6JAG, Karl Howe of Prescott Valley, AZ
 NL7FLQ, Tom Cloonan and his wife, KF7VIY, Terri Cloonan of Cornville, AZ
 W7PVA, Bill Noe and his wife, KG7DKD, Shari Noe of Prescott Valley, AZ
 AD7YR, Craighton Grotbeck of Prescott, AZ



CADXA Continued from Previous Column

become an invaluable tool for researching QSL requirements and learning more about the people we talk to on the air.

Please feel free to arrive early to socialize with your friends. Refreshments will be served at the break. Guests are always welcome.

73,
 Lee, KY7M
 CADXA President



Want Ads

WANTED:

I am looking to purchase an alinco DJ-G29T 222/900 MHz Dual-Band HT. If you have one to sell, please contact:
 Larry Stafford, N7WBU
 3527 S Chesin Drive
 Tucson, AZ 85730-2319
 email: TFDFF@cox.net

Continued Next Column





Emergency Communications Since 1961

SHORT SKIP

ADAW



**West Valley
Amateur Radio Club
High-Speed Multimedia
Special Interest Group**

The West Valley Amateur Radio Club is starting a high-speed multimedia special interest and mesh networking group. If anyone is interested, please let me know.

Bob KG7FIL kg7fil@arrl.net

ADAW



ADAW



The Yavapai Amateur Radio Club encourages members of the area community to join us for our monthly meetings. We continually strive to make our programs interesting to as many facets of amateur radio as possible.

Two plus years ago, YARC began bimonthly exam sessions (up from quarterly). This is possible because of the dedication of our many VEs. Much thanks goes to these dedicated volunteers. As a result of these exam sessions, we are able to bring many new hams into the hobby and the club. It also makes it much easier for those wishing to upgrade, to do so on a convenient schedule.

In keeping with the increased exam sessions, YARC continues our series of licensing classes for people interested in Ham radio. The next class is for the General license and will be conducted on three consecutive Saturdays beginning Sept 23, 2017. Information and a registration form can be found on the club website www.w7yrc.org under "Become a Ham."

The next scheduled license exam session will be on Saturday Nov. 11, at 9:00 A.M.. Our website also allows for pre-registration for the test sessions. We have posted all the test sessions for 2018 on the website as well, so you can plan ahead.

The Prescott Hamfest 2018 is scheduled for June 1-2, 2018. This event is only going to get bigger and better, so plan to attend. We will be happy to see you there.

Come join us for one of our monthly club meetings. We always meet on the 1st Thursday of the month at the Mile High Middle School in downtown Prescott, 15 degrees cooler than the valley at 5400 feet.

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SCOTTSDALE AMATEUR RADIO CLUB, INC.



Club Station: W7UF
Club Repeaters: 147.78/18 & 445.00/440.00

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PRICE REDUCED!

Partly Restored Vintage Tube-type Transmitter - \$350
Baker Williams B&W 5100B AM/CW, 80-10m, 150w(2)6146's, has built in VFO and restored dial. Included is: Matching B&W 51SB-B SSB Generator (for ssb operation). Both will need new electrolytic filter capacitors. Interconnect cables (between 5100B and 51SB-B) included. Contact: Ray, W7GNE @ 480-540-4629.

A-4 Antenna For Sale - \$450

This is an older model that does not have the stainless steel hose clamps on the elements. It is the same size and has the same features as the modern A-4S. The mast mount plate is new, and some of the elements have been replaced with stock A-4S parts. The antenna is stock - does 10, 15, & 20 meters. It does not have the 40 meter add on. It is boxed and ready to go now. Contact: Bob Howard, W8RH at 520.709.6176 voice/text or email w8rh@live.com.

The **West Valley Amateur Radio Club** has radios and ALL kinds of supplies available for sale through the club. We get some old equipment that won't sell that will be added to the items for free. Contact: Ken Jenkins, WB6MMV at kjenkins5623@gmail.com or Bob Kettler WA6MIO at rdkettler@msn.com.

The September General Club Meeting was well attended and everyone got a surprise. The regularly scheduled speaker had a conflict and could not present his program. So our club President, James Wasson, N7ELL presented a terrific program on DX. James has received many awards for contests over the years and he showed us how it was done. He has a powerful station, but that is only half of the story. To be successful in making many contacts, it helps a great deal to know where they are on the band. He showed us some of the web sites that provide DX stations and frequencies in real time. With this information, he can get to that location almost instantly and use his power to make the contact. This was a very good program. Thank You James!



James Wasson N7ELL presenting his DX program

Club members watching the presentation


The Club has a net every Tuesday at 7:00 PM on our repeater system. The repeaters are on 147.18 with a tone of 162.2 and on 440.00 with a tone of 100.00. Everyone checking in can give us a run-down on what they have been up to in lately. Sometimes we have an interesting question for everyone. So set your clock for Tuesdays at 7 and we will see you on the air. By the way, you will get a free raffle ticket for every time you check into the net. Use them at the club meeting raffle

Well, that's all I have for now. Be well and keep hamming.

Ed Nickerson WU7S



SARC CONSTANTS:
SARC is a 501 (c)(3) club. That means all donations are fully tax deductible. Contact Paul Jorgenson, KE7HR at 602.992.8043 for information on estate donations and equipment pick-up.
For membership information, call Judy Jensen, KE7IXI at 480.773.8452. Please send address change requests to Judy no later than the 7th of the month in which you would like the change to occur.



Hamfest Calendar

7 October 2017 - **TARA 2nd Annual SwapFest** - hosted by the Tonto Amateur Radio Association will be held at Rumsey Park in Ramada #4 in Payson. Hours are 8:00 AM until 11:30 PM. Table fee for vendors is \$3.00, tailgaters \$3.00. Admission is Free. A potluck barbecue will follow immediately after the SwapFest. Bring your own meat and something to share. Grill and condiments will be provided. All are welcome. For more information or to pre-register, contact Ray Adams, K7MLE at 928.6988.

7-8 October 2017 - **Kingman Hamfest** - hosted by the Mohave Amateur Radio Club will be held at Centennial Park, 3333 Harrison Street in Kingman. Free Admission, Parking, and Swap. Hours are 7:00 AM - 3:00 PM on both days. VE Testing, Door Prizes and Grand Prize Raffle. Talk-In on 147.240 + P1 123.0. For more information, visit the web site at www.KingmanHamFest.com or contact John Euler, KF7WTZ at 702.686.8544 or Bill Smith, KD7MIA at 928.303.9857.

28 October 2017 - **2017 ARRL Arizona State Convention/ Copafest 2017** - hosted by the Maricopa Amateur Radio Association will be held at the UltraStar at Ak-Chin Circle in Maricopa. Admission is \$5.00. Swap Meet, Free VE Testing, Educational Seminars, Raffle Prizes and more. In addition, UltraStar offers 12 Cinemas, 24 Lanes of Bowling, Laser Tag, a Video Arcade, Restaurants, Cocktail Lounge and much more. For info, visit the web site at www.copahams.org or email info@copahams.org

11 November 2017 - **Oro Valley ARC Hamfest** - hosted by the Oro Valley Amateur Radio Club will be held at Marana Middle School, 11285 W Grier Road in Marana. Gates open at 7:00 AM (5:00 AM for sellers) and closes at 1:00 PM. Admission: \$5 (Children under 12 free with a paid adult). Valid Student IDs are also free. Sellers: \$10 per space and includes seller. Prizes, VE Session, Seminars, QSL Card Checking, Breakfast & Lunch Available. Talk-In: 146.620(-), 444.100(+), and 147.32(-) all P1 156.7. For information, visit the web site at orovalleyarchamfest.com or contact Steve, W1SR at w1sr@arrl.net

18 November 2017 - **HARKFEST Tailgate Hamfest** - hosted by the Hassayampa Amateur Radio Klub will be held at North Ranch Escapees RV Park, 30625 S Hwy 89 in Congress. Free Admission, Free Tailgate Sites (Pre-Registration Required - djgrooms@yahoo.com) Overnight Camping (Full Hook-Up or Dry) Available (pre-registration required for camping at www.escapees.com/parking/congress) Tailgating permitted at campsite. VE Testing Available upon Request - Prizes Arts & Crafts Show 9 AM - 2 PM and Lunch at Activity Center

2 December 2017 - **Superstition SuperFest 2017** - hosted by the Superstition Amateur Radio Club will be held at Mesa Community College, 1833 W Southern Avenue in Mesa. Hours are 8:00 AM to 4:00 PM. Admission \$5.00 per person, children 12 and under free. Tailgate \$10.00 per space. Grand Prizes and Hourly Door Prizes. VE Testing - Registration from 8:00 AM until 9:00 AM, Testing begins at 9:00 AM. Pre-register at times listed. ARRL Card Checking. Special Events Station - K7A Commemorating the USS Arizona. GOTA Station. Fox Hunts. For more information, contact the SuperFest Chairman at chairman@superstitionhamfest.org.

13 January 2018 - **Thunderbird Hamfest** - hosted by the Thunderbird Amateur Radio Club will be held at the Northwest Community Church, 16615 N 43rd Avenue in Phoenix. Hours are 8:00 AM to 12:00 Noon. Open to Vendors at 7:00 AM. Vendors may set up Friday night after 5:00 PM. General Admission - \$3.00 per person. Vendor and Tailgate Swap - \$10.00 per parking spot. Seminars - Door Prizes. VE Testing from 10:00 to 11:30 AM. Snacks and Beverages will be available for purchase. Visit the TBARC web site at www.w7tbc.org or email hamfest@w7tbc.org for additional information.

21-21 January 2018 - **QuartzFest** - will be held in Quartzsite. Hands-on Demos, Mobile Ham Shacks, Recreational Vehicles, EMCOMM Systems, Off-The-Grid Living, Alternative Energy, and Radio Education. Over a hundred Technical Seminars and Fun. For more information, visit the web site at www.quartzfest.org.

16-17 February 2018 - **2018 Arizona Section Convention/ Yuma Hamfest** - hosted by the Yuma Amateur Radio Hamfest Organization will be held at the Yuma County Fairgrounds, 2520 E 32nd Street in Yuma. Visit the web site at www.yumahamfest.org for additional information.

1-2 June 2018 - **2018 Prescott Hamfest at ERAU** - hosted by the Eagle Amateur Radio Club at ERAU and the Yavapai Amateur Radio Club will be held at Embry Riddle Aeronautical University (ERAU), 3700 Willow Creek Road in Prescott. Hours are 7:00 AM to 4 PM on Friday and 7:00 AM to 3 PM on Saturday. Tailgating, Commercial Vendors, Youth Activities, Special Event Station, Prizes, Food Concessions, Seminars, DXCC Card Checking and more. Limited Free RV Dry Camping on Thursday and Friday nights (must pre-register). General Admission - \$5.00 good for both days. Full Time Student with Student ID and 12 years and under - Free. Tailgating - \$10.00 first parking space, \$5.00 each additional. Indoor Commercial - \$20.00 first table, \$10.00 each additional. Talk-In Frequency - 146.880 MHz(-) PL 100 Hz. For more information, visit the website at www.prescottthamfest.com or email Hamfest Chairperson - Frank Bender, K8FB at k8fb@w7yrc.org

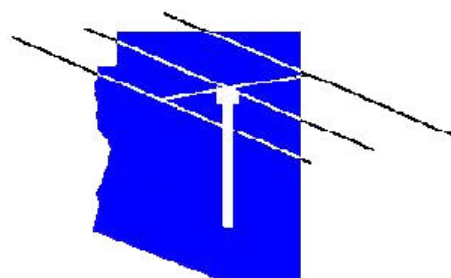
License Testing Information

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, locations, fees may change. Arrive promptly at time listed. Fees may vary and exact change or check is required at most sessions. Call test session contact to confirm information. Walk-ins are permitted unless otherwise specified.

October Test Sessions

- Oct 2nd** - WVARC -- 6:00 PM
 St Clement Church, 15800 N Del Webb Blvd, Sun City
 Contact - David Morrill 623.680.5011
- Oct 5th** - Green Valley ARC -- 6:00 PM
 Mormon Church, 17699 S Camino De Las Quinia, Sahaurita
 Contact - Carolyn Miller 520.648.2834
 No Walk-Ins - Must Pre-Register
- Oct 5th** - CARBA -- 7:00 PM
 Lighthouse YMCA, 2900 N Columbus Blvd, Tucson
 Contact - Matthew Grossman 520.750.7189
 Pre-Reg by email preferred - veregistration@rstclub.org
- Oct 7th** - ORO Valley ARC -- 10:30 AM
 Oro Valley Police Dept EOC, 1920 E Tangerine Rd, Oro Valley
 Contact - Quinton Gleason licensing@tucsonhamradio.org
- Oct 7th** - DeVry ARC & WVARC -- 9:00 AM
 DeVry University Library, 2149 W Dunlap Ave, Phoenix
 Contact - David Morrill 623.680.5011
- Oct 9th** - Radio Society of Tucson -- 7:00 PM
 Hardesty Mid-Town Police Bldg, 1100 S Alvernon, Tucson
 Contact - Diane Zimmerman 520.664.5070
- Oct 14th** - Venture Out -- 9:00 AM
 Venture Out RV Resort, 5001 E Main St, Mesa
 Contact - Robert Bingham 480.404.1408
 No Walk-Ins
- Oct 16th** - East Valley VE Team -- 6:00 PM
 City of Mesa Utilities, 640 N Mesa Dr, Mesa
 Contact - Fred Bollinger 480.242.8606
- Oct 17th** - Motorola ARC of Arizona -- 5:00 PM
 Denny's, 825 S 48th St, Tempe
 Contact - Edward Olague 602.885.7725
 No Walk-Ins - Pre-Registration Required



MARCA INC.

No Report Received



Test Sessions Continued from Previous Column

- Oct 18th** - Thunderbird ARC -- 6:00 PM
 Honor Health Medical Office Bldg, 19841 N 27th Ave, Phoenix
 Contact - James Skinnell 602.826.1949
- Oct 20th** - Tonto ARA -- 6:00 PM
 LDS Church, 913 S Ponderosa St, Rm High Council, Payson
 Contact - Darde De Roulhac 928.468.1487
- Oct 21st** - Coconino ARC -- 9:00 AM
 North Country Healthcare, 2920 N 4th St, Ste A1, Flagstaff
 Contact - Roderick Martin 928.527.1139
- Oct 21st** - Central Phoenix VE Team -- 9:00 AM
 Gilbert Farmers Market, 222 N Ash Dr, Gilbert
 Contact - Bill Martin 480.205.3625
 No Walk-Ins - Limit Space - Contact Prior to Exam
- Oct 21st** - Un-sponsored -- 10:00 AM
 Cerbat Elementary School, 2689 Jagerson Ave, Room 118, Kingman
 Contact - Daniel Miller 928.897.3883
 Pre-Reg Appreciated
- Oct 21st** - Venture Out -- 9:00 AM
 Venture Out RV Resort, 5001 E Main St, Mesa
 Contact - Robert Bingham 480.404.1408
 No Walk-Ins
- Oct 28th** - Venture Out -- 9:00 AM
 Venture Out RV Resort, 5001 E Main St, Mesa
 Contact - Robert Bingham 480.404.1408
 No Walk-Ins
- Oct 28th** - Arizona ARC -- 7:00 PM
 American Red Cross, 4747 N 22nd St, Phoenix
 Contact - Gary Hamman 602.996.8148
 No Walk-Ins - Pre-Registration Required by Friday night
- Oct 31st** - PV Ham Study Group -- 6:30 PM
 Trinity Lutheran Church, 3950 N Valorie Dr, Prescott Valley
 Contact - J M Scherfling 928.632.2050

Continued Next Column



Old Pueblo Radio Club INTERMOD

President's Column

Our September operating event is coming up on Saturday, September 23rd. We are celebrating the dedication of Davis Monthan Air Force Base in 1927. The base was dedicated by none other than Charles Lindbergh himself. The base was named after two lieutenants, Samuel Davis and Oscar Monthan, who were both killed in separate aerial accidents while on duty. Our event will be held at Freedom Park, very close to the base entrance, starting at 9AM. Please come by and say hello. We would love to have more hams from the area drop by.

Preparations are well underway now for our November HAMFEST in Marana. The event will be at the same location as last year and all of the details are on the club web-site (www.tucsonhamradio.org). Since it is being held on Veteran's Day we are planning on having a ceremony to recognize the service our veterans have given. We are still looking for ham radio related donations for the event. Since we are a 501(c)3 organization, we can provide donors with a receipt.

After teaching the General Class course over the summer, David AK2L will launch a Technician Class beginning in October. Details are on the OVARC web-site. Many thanks to David for dedicating many hours to ham radio instruction.

OVARC Elmers can solve all of your ham radio dilemmas at our Saturday Morning Hams and Eggs Breakfasts held at The Views Restaurant in Sun City Oro Valley. We start at 7PM and talk ham radio for about two hours. Come on up and enjoy the conversation and friendship. Details and a map can be found on the OVARC Home Page (www.tucsonhamradio.org).

Our Special Service Club status from the ARRL has been approved for 2017. Thanks to Mike W7IJ, our Assistant Section Manager, for monitoring our application once it was submitted to ARRL Headquarters.

Our Sunday Evening Net continues to have record check-ins. If you're watching a boring television show on Sunday Evening at 8PM, why not check-in to the net. It's open to everyone and everywhere the OVARC repeater system can be heard. As our repeaters are linked, just tune in to your favorite OVARC repeater at 8PM to join in. You can also check in on EchoLink as many distant stations do. Frequencies are also listed on the OVARC web site.

No Report Received

ADAW

OPRC Repeaters

146.66 - PL 110.9	wide coverage	W7GV
146.82 - 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



No Report Received

ADAW



CHAPTER 16

BARRY M. GOLDWATER ARIZONA CHAPTER

October 17 General Meeting at 7 PM

Nothing like the autumn after a hot, humid summer! Evening and morning temperature may be a dry 80 and 60 degrees respectively!

Make time in your schedule to attend, and help wherever you can with the upcoming December 2 SuperFest. The October meeting will also finalize the ballot that will be voted in November for the new year's Board. Nominees must be at least age 18, willing to serve and be a member in good standing. If you, a member in good standing, wish to nominate someone, now is the time!

October is also the new fixed time that Dues come due. If your dues are paid through to another month of the year, your next Dues will be prorated to make your next Dues come due in October.

We welcome all visitors and invite you to join if you like what you see!

November and December events for the club

The club November 21 meeting should issue in even cooler weather as the members cast our ballots for next year's club leadership and finalize the planning for the hamfest.

After the SuperFest on Saturday, December 2, make plans to attend the Christmas dinner, held at the Golden Corral on the second Tuesday, 12th of December at 6 PM. Golden Corral is 1868 N Power Rd., Mesa, south of McKellips. All members and their guests of all ages get the senior discount pricing.

If should the dinner be rescheduled from the above paragraph, I urge you to check for updates on the club website, the Wednesday Night net at 8 PM on the linked repeaters, or in your club announcements everyone should be receiving via email.

Please make sure you are receiving club email notices

We periodically send emails reminding members of upcoming club nets and events. If you are not receiving them, please include your email address on the club sign-in sheet outside the meeting room door, or send an email to communications@superstitionarc.com. Our emails also include your membership renewal date. The Membership team uses the sign-in sheet emails to correct an issue or to update your address with the club. Thank you!

73 Larry WB7C

Have you been a ham for at least 25 years? Then celebrate by joining the Quarter Century Wireless Association!

The Barry M. Goldwater Chapter 16 Arizona chapter has four lunch meetings a year with fabulous speakers. Check us out at <http://www.azqcwa.org/> we are also on Facebook at <https://www.facebook.com/AZQCWA>. We are always looking for speakers and great lunch locations. Let us know.

Tom Fagan, K7DF, President
QCWA Barry M. Goldwater Chapter 16 Arizona
k7df_tom@yahoo.com



Superstition ARC Repeaters

147.120 MHz (+) 162.2 Hz - Usery *

448.275 MHz (-) 100.0 Hz - Usery

449.600 MHz (-) 100.0 Hz - East Mesa *

KB7KWK-L Echolink Node 538499 *

* - Linked Full Time

Club Nets

Morning Drive Time Net: Mon-Fri, 7:00-8:00 AM - Trivia
City of Mesa CERT Team Monthly Net: First Tuesday of month, 7:00 PM

Weekly 6 Meter Sideband Net: Wednesdays, 7:00 PM on 50.140 MHz, W7ASL-L EchoLink, and 145.575 FM Simplex

Club Business Net: Wednesdays, 8:00 PM - Featuring Club News, Elmer Q&A and AR Newslines.

Mesh Information Net: Thursdays, 6:30 PM

East Valley Swap Net: Thursdays, 7:30 PM

National History Net: Thursdays, 8:30 PM. Quizzes you on National History.

10-Meter Rag Chew: Thursdays, 8:00 PM, 28.465 MHz USB
Morse Code Class Net: Saturdays, 7:00 PM

Club Membership is open to anyone with an interest in Amateur Radio. Visit: <https://superstitionarc.org> for more information.

Superstition SuperFest

The Superstition SuperFest is held on the first Saturday of December. Visit www.superstitionsuperfest.org for the latest information.

Continued Next Column

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Call For Special Price!



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TM-D710G | 2M/440 Dualband

- V-VV-UU-U operation • Built-in GPS • Built-in TNC for APRS & DX-Cluster operation • 50W 2M & UHF • 1,000 memories • Dual receive • Green or amber backlight colors • Latest APRS firmware w/new features • Sky Command II remote functions

Call For Special Price!



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Kilobase
compare

TS-480SAT/HX | HF + 6M Transceiver

- 480HX 200W HF & 100W 6M (no tuner) • 480SAT 100W HF & 6M w/AT • Removable w/front panel/speaker • DSP built-in

Call Now For Low Price!



NEW

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TS-590SG | HF/50MHz Transceiver

- Equipped with 500 Hz/2.7 kHz roofing filter as standard • ALC derived from TS-990S eliminating spike issues • Antenna output function (shared with DRV connector) • CW - morse code decoder function • Improved 1st mixer • New PFB key with multi-function knob • New split function enabling quick setting • LED backlight with selectable color tone

TS-2000/2000X | HF/VHF/UHF Transceiver

- 100W HF, 6M, 2M • 50W 70CM • TS-2000X 10W 1.2GHz
- Built-in TNC, DX packet cluster • IF Stage DSP • Backlit front key panel

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TM-V71A | 2M/440 DualBand

- High RF output (50W) • Multiple Scan • Dual receive on same band (VxV, UxU) • Echolink® memory (auto dialer) • Echolink® Sysop mode for node terminal ops • Invertible front panel • Choice of green/amber for LCD panel • 104 code digital code squelch • "Five in One" programmable memory • 1000 multifunction memory

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TH-D72A | 2M/440 HT w/extended RX

- 5W TX, RX 118-524 MHz, VxU, VxV, UxU • APRS w/built-in 1200/9600 TNC • Built-in GPS, Built-in USB, digipeater • Echolink® compatible, • MI-Spec STD810

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TM-281A | 2 Mtr Mobile

- 65 Watt • 200 Memories • CTCSS/DCS • MI-Std specs • Hi-quality audio

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- D-STAR compatible • APRS ready w/built in GPS • Color weather station information • Built-in KISS mode TNC • High-performance DSP voice processing • Standard compatibility for Bluetooth

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