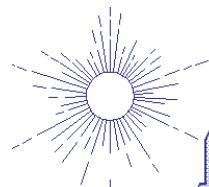


ADAW

4529 W. Park Place
Glendale, AZ 85306-1512



ADAW

Arizona Desert Aire Waves

Vol 44, No 4

April 2019

CLUB MEETING SCHEDULE

SARC

Apr 3rd
Scottsdale Senior Center
7:00 PM

AARC

Apr 11th
Red Cross Bldg. - Phx
7:00 PM

OPRC

Jun 12th
Marshall Conference Ctr
at Tucson Medical Ctr
7:15 PM

TBARC

Apr 18th
North Phoenix Campus
Northern Arizona University
7:00 PM

CADXA

Apr 4th
PERA Club
7:00 PM

CARL

TBD
AZ Science Center
Call for Time

ARCCC

TBD
American Red Cross Bldg
Phoenix
9:00 AM

WVARC

Apr 1st
Shepard of the Desert
Luthern Church
7:00 PM

SuperstitionARC

Apr 2nd
Charles K Luster Bldg
7:00 PM

ARA

Apr 25th
Denny's Restaurant - Tempe
7:30 PM

MARCA

Apr 16th
Denny's Restaurant - Tempe
6:30 PM

MARA

Apr 6th
Maricopa PD Community Rm
9:00 AM

ANSR

Apr 18th
via GoToMeeting
7:30 PM

YARC

Apr 4th
Prescott Rodeo Grounds
7:00 PM

OVARC

Apr 19th
Ascension Luthern Church
7:00 PM

TCARA

Apr 15th
Goodyear City Hall
7:00 PM

KARC

Apr 9th
Solterra at White Mtn - Show Low
6:30 PM

QCWA-AZ Chapter

March/April
Tucson Area
12:00 PM

ADAW Member Clubs

ARIZONA AMATEUR RADIO CLUB

The Arizona Amateur Radio Club meets on the **SECOND THURSDAY** of each month at 7:00 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	Mark Kesauer	N7KKQ	602.843.0960
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/.18 repeater.

President	James Wasson	N7ELL	480.456.1154
Vice President	David Yee	N7AJR	
Secretary			
Treasurer	Ed Nickerson	WU7S	480.949.5162
Past President	Paul Finell	W7EFQ	602.741.6563
Board Members	Irv Hembeck	K00TZ	
At-Large	David Yee	N7AJR	
	Bill Kouchis	N9EIV	602.723.0700
	Ray Vasquez	K4RMV	(ARCA Rep)
	Bruce Harmsen	KA9EYX	
	Chris Tabor	K7TAB	

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 THURSDAY** of the month at 7:30 p.m. via GoToMeeting. 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	Brian McCarthy	AK7F	president@w7tbc.org
Vice President	Darrell Bradshaw		vicepresident@w7tbc.org
Secretary	Gary Larson		secretary@w7tbc.org
Treasurer	Bob Townsend		treasurer@w7tbc.org
Board Members	Clair Wyant	KG7MAJ	kg7maj@w7tbc.org
	Kenneth Charleton	K4FZH	k4fzh@w7tbc.org
	Nick Holaday	KI7HZQ	ki7hzq@w7tbc.org
	Andrew Cornwall	KF7CCC	kf7ccc@w7tbc.org
Past President	Gary Duffield	WK7B	wk7b@w7tbc.org

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. The Thunderbird Amateur Radio Club is a 501(c)(3) non-profit organization. Mailing address: PO Box 32544, Phoenix, AZ 85064-2544.

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:	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	Ron Kalish	N7SPW	146.660, 147.220-
	Paul VanBeverhoudt	KA7LFX	224.06+
Secondary	Ted Willis	AA7HX	146.66-
	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	Peter Petrotta	KD7OIW
Vice President	Charlie Zurenko	N2TFS
Secretary	Rob Rodriguez	KI7PDR
Treasurer	Mark Steele	KI7RB
Past President	Frank Engstrom	KB7IQ

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	John Marshall	WA7BSR	623.334.2583
Vice President			
Secretary			
Treasurer	Dave Hanson	W7BJw7bj@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	Bob Sitterley	K7POF	928.636.2146
Secretary	Lori Cripps	WA7EDI	602.955.7517
Board Members:	Phil Hazlett	WA7UID	
	Sonja Hazlett	WB7CWW	
	Peggy Williams	KD7AWU	
	Jerry Roberts	KB7CN	
	Gary Hamman	K7GH	
	Ken Rashback	KK7KEN	

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

KACHINA AMATEUR RADIO CLUB

The Kachina Amateur Radio Club meets the **SECOND TUESDAY** of each month at 6:30 p.m. at the Solterra at White Mountains, 5408 W White Mountain Blvd in Show Low.

President	Tim McFadden	K7DXA	
Vice President	Steve Herron	AG7GD	928.242.2558
Secretary	Marie Mortensen	N7SKS	
Treasurer	Dennis Wilkes	W7DRW	928.739.4700

Mailing Address: Kachina Amateur Radio Club, P O Box 2996, Show Low, AZ 85902. Email: info@kachinaarc.org Dues are \$15/yr for individual; \$25/yr for family. Membership is January 1 - December 31. Website: www.kachinaarc.org

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 SR143 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	Brian McCarthy, AK7F	ak7f@w7ara.net
Vice-President	Erv Heimbeck, K0OTZ	k0otz@w7ara.net
Treasurer	Cole Cunningham, AA7RD	aa7rd@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 (Joe Godfrey, AE7JG 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.

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	480.251.0551
Vice President	Andy Keels	KD4ABB	602.809.3561
Secretary	Brent Butler	W7FK	480.332.1141
Treasurer	Douglas Mitchell	W7ADD	480.540.4110
Board Members:	Tony Manzo	W7KLV	
	Dan Karnes	W7TWR	602.502.5259
	Don Rollock	W2EUL w2eul@yahoo.com	
	Jeff Harris	K2DFE	602.617.6930
	Jeff Heinze	N7CCW	480.720.7908
	Jeff Marchesky	K7ZLX	602.628.0238
	Rod Fritz	WB9KMO	

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, and SBC applications.

President	Dave Hall	N7ZPY	
Vice President	Norm Johnson	AA7OO	480.278.2886
Treasurer	Don Aldridge	WA7RLL	
Board Member	David Yee	N7AJR	
Secretary	Open		
Trustee:	Norm Johnson	AA7OO	480.278.2886
Webmaster:	Norm Johnson	AA7OO	480.278.2886

MARCA, Inc., c/o Norm Johnson, 5756 S Wildrose, PO Box 85140, Mesa, Arizona 85212. Membership dues \$25 annually. See our website (<http://w7mot.org>) for more information about meeting schedules, membership, repeaters, library, and club activities.

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	Larry Loen	WO7R	lwloen@gmail.com
Vice President	Tom Boza	NE7X	qrz-dx@ne7x.com
Secretary	Bob Davies	K7BHM	k7bhm@cox.net
Treasurer	Mike Wright	N7MW	n7mw@aol.com
Past President	Lee Finkel	KY7M	ars-ky7m@cox.net
Board Members	Fred Hoffert, III	NA2U	cwman1@aol.com
At-Large	Reinhard Geissler	K7RGG	dl1uf@compuserve.com

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.



YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club meets the **FIRST THURSDAY** of every month at 7:00 PM in the Freeman Building at the Prescott Rodeo Grounds located at 840 Rodeo Drive in Prescott (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	Bill Noe	W7PVA	president@w7yrc.org
Vice-President	Joe Thomas	KG6IDN	vice_president@w7yrc.org
Secretary	Art Jackson	KA5DWI	secretary@w7yrc.org
Treasurer	Jim Fortney	K6YK	treasurer@w7yrc.org
Board Members	Kathy Laing	KJ6KMK	kj6kmk.yarc@gmail.com
	Sandy Meadowcroft	KF4JHC	sandymeado2@yahoo.com
	Ray Kolman	KI7COM	spudzman@gmail.com
	Dave Erlach	W7VXSX	rocketdog@dslxtreme.com

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. (December is annual Christmas Party). Visitors are VERY welcome. Board Meetings are held at 9:00 a.m. at the Ascension Lutheran Church located at 1220 W Magee Road in Tucson. Check the web site at www.tucsonhamradio.org for dates.

President	Steve Wood, W1SR	W1SR@arrl.net
Vice-President	Mike Peterson K7VTT	azmacguru@gmail.com
Secretary	Carl Foster KB7AZ	carlfoster@cactuscomm.net
Treasurer	Hanna Eckert, KG7TPD	haneck@aol.com
Board Members	Fred Bresani W2HZ	
	Ross Eckert K4WBR	
	Gary Pierce AE7GP	
	Marnee Dearman KG7SIO	
	Tom Ambler W7TRA	

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/>.

MARICOPA AMATEUR RADIO ASSOCIATION

The Maricopa Amateur Radio Association (MARA) meets the **FIRST SATURDAY** of each month at 9:00 a.m. at Maricopa PD Community Room, 17985 N Greythorn Dr. in Maricopa.

President	Curt Steger	NA7CS	president@copahams.org
Vice President	Wayne Kropp	KI7SPW	vicepresident@copahams.org
Secretary	Bob Proctor	N6YPE	secretary@copahams.org
Treasurer	George Hogan	K7TGH	treasurer@copahams.org
PIO:	Steve Miller	W6SDM	pio@copahams.org
Webmaster:	David French	N7FAN	david@copahams.org

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

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. Hours of operation are the same as the Arizona Science Center (subject to availability of volunteers.) 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
Sec./Scheduling	Sam Marshall	N7INV	602.291.0992
Treasurer	Karen McConaghy	NO7D	602.799.7338

Board Members:

Jean Jolkovski	W4CIH	ADAW, Publicity
Steve Warford	WB4ZSC	Tech/IT, CARL/ASC Interface
Tom Salt	AD7PM	At Large
John O'Neal	K7JP	Teacher Packets
Bob Burleson	KG7QJ	Trustee/President Emeritus
Robert Faerber	W9AQ	Log Book
Ronald Taylor	WA7GIL	At Large
Scott Gillins	W2KP	At Large

Direct Phone: 602.716.2082

Web Site: <http://www.w7asc.org> Web Master - Allyson Lee

For information: Email to carl@w7asc.org or call Jack, KD7ROB at 480.759.5195.

TRICITY AMATEUR RADIO ASSOCIATION

The TriCity Amateur Radio Association meets the **THIRD MONDAY** of the month at 7:00 p.m. in the Goodyear City Hall Conference Room located at 190 N Litchfield Road in Goodyear. Parking is available on the west side of the building. No meetings are held in June, July, August, and September. (A social gathering is held at Village Inn at 2700 N Litchfield Road after the meeting.) Weekly Rag Chew every Wednesday at Village Inn (2700 N Litchfield Road) at 2:30 p.m. All hams are welcome. Weekly net is held Wednesday evenings at 7:30 p.m. on 446.400 MHz (PL 100 Hz). Events are posted on our Yahoo Group page at <https://groups.yahoo.com/neo/groups/TRICITYARA/info>

President	Bob Nobis	N7RJN	n7rjn@nobis.net
Vice President	Open		
Secretary	Carol Melton	AK7N	ak7n@azsnaps.com
Treasurer	Arnold Knack	KA7AOK	ka7aok@gmail.com

TriCity ARA, P O Box 6293, Goodyear, AZ 85338-6293. DUES: \$18.00/yr. for individuals, \$25.00 for family. Web Site: <http://n7tca.org>.

WEST VALLEY AMATEUR RADIO CLUB

The West Valley Amateur Radio Club, an Arizona 501(c)(3) non-profit corporation, has been providing emergency communications since 1961. Meetings are the **FIRST MONDAY** of each month at 7:00 PM at Shepherd of the Desert Lutheran Church, 11025 N 111th Avenue in Sun City. The board meets the third Tuesday of the month at JB's Family Restaurant, 9889 W Bell Rd in Sun City at 2:00 PM. A weekly breakfast is held on Thursdays at Lou's Tivoli Gardens, 12535 W Bell Rd at 7:00 AM. Club nets are held on 147.300 (tone 162.2) at 9:00 AM daily and Monday - Thursday at 8:00 PM. Please check our website (below) for other events and information.

President	Gary Robin	K9HDU	623.234.2252
Secretary	April Kramer	KI7GFJ	602.284.6212
Treasurer	Tom Connor	W7TLC	623.444.7956
Board Member:	Robert Paul	KG7FIL	623.252.0149
	Nancy Collins	KG6QWW	623.398.5286
	Many Blanco	KI7QLD	480.395.1653
	David Putman	W7DCP	253.307.0544
Past President	James Rogers	N7YTI	623.214.9219
Committees:			
Membership	James Rogers	N7YTI	623.214.9219
Support Communications Committee Chairman	Kris Philo	AI8TT	623.853.0586
Technical Advisory Committee Representative	Frosty Oden	NQ1S	602.899.8055

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.com>, Email: suncitywvarc@gmail.com

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**

AMATEUR TELEVISION NETWORK

The Arizona chapter of the Amateur Television Network includes amateurs from all over Arizona. two luncheon meetings are planned each year. The meeting months and locations are announced by the website and newsletter, but generally follow the following schedule: Winter Meeting in January and Summer Meeting in July, both in the Phoenix Area. The AZ Chapter meets on the air every Wednesday and Sunday evening at 0700 MST. Join us on <https://batc.org.uk/live>, go to Repeaters and click on W7ATN, W7ATN-Mesa, or W6ATN. You can see and hear us, and even exchange live chat messages. Please visit our web site at www.atn-tv.org.

President	Ed Olague	K5OLA	602.885.7725
Vice President	Rod Fritz	WB9KMO	805.772.8804
Sec/Treasurer	Lee Weitzel	K0CCU	602.439.4840
Repeater Trustee	Kevin Jacobson	AD7OI	760.898.4601
Webmaster	Roland Hoffman	KC6JPG	562.577.1381

ATN-AZ, 4134 W. Danbury Dr. Glendale, AZ 05038. Membership dues are \$75 annually. For more information about our meetings, membership, repeaters and club activities, please see our website <http://ATN-TV.org>



Administrative Professionals' Day

April 24th



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ADAWWEBSITE		www.adaw.org





**American
Red Cross**

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



The Red Cross along with several other local state and federal agencies, including FEMA, Maricopa Office of Emergency Management, Public Health, DPS, EPA and others participated in the annual Palo Verde Nuclear Generating Station Drill. The exercise, held annually, simulates an emergency at the nuclear plant located just west of Phoenix. As part of the exercise, the Red Cross set up a mock shelter in Wickenburg alongside a team from the Arizona Humane Society to address the needs of families and pets that might be evacuated in a real scenario. Several of our members were on hand to provide communications between the shelter, the Red Cross chapter, the EOC and the Reception and Care Center as needed.

A shout out to the members of the Scottsdale Amateur Radio Club for hosting another successful hamfest. A couple of our members were on hand and report this year’s event held at Coronado High School, a new venue, was a success. The weather was great and lots of folks stopped by to say hi and find out more about our club.

Speaking of hamfests, mark your calendars for the April hamfest held at DeVry University. This year, we are partnering with the Arizona Amateur Radio Club to sponsor this hamfest. We expect to have plenty of vendors and tailgaters and look forward to seeing you all April 20th at DeVry University, 2149 W Dunlap Avenue, Phoenix, AZ.

Hello, ADAW

The Amateur Television Network of Arizona is glad to join the newsletter and inform all operators about ATV, where it has been and where it is going. From the days of analog TV to digital, 720p to 1080p, amateur has come a long way. The Amateur Television Network (ATN) is a group of radio amateurs who promote Amateur Radio communications on modes like Fast-Scan TV (ATV), Mesh Networking (Mesh Video), Slow Scan TV (SSTV), and Digital Television (DATV) for the use in emergencies, public service, education, and just for having fun.

To learn more about any of our amazing communications, contact any of club officers and we will be glad to answer your questions and get you started in ATV.

VIDEO OUTPUT
1253.25 MHz VSB

VIDEO INPUT
434.000 MHz VSB
434.000 MHz DVB-T
2441.5 MHz FM

VOICE
448.400- (100.0 Hz)

ATN has chapters in AZ, CA, KY, NV, IL, DE, and OH

ADAW



ADAW



AMATEUR RADIO SERVICE DEMONSTRATION STATION

W7ASC is a Demonstration station in the Amateur Radio Service, a public service. W7ASC is open to the public during those hours when the Arizona Science Center is open. The station is located on the third floor of the Science Center, located in the “My Digital World” gallery.

C.A.R.L. (CENTER FOR AMATEUR RADIO LEARNING) had its annual meeting in January. Changes in officers and Board of Directors are listed in the front of this ADAW newsletter.

During the meeting the members elected Attila as Ham of the year for 2018. Congratulations to Attila W7AMR for his extensive service to W7ASC and the visiting public.



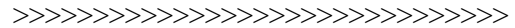
Attila W7AMR – W7ASC Ham of the Year 2018

The W7ASC Volunteers are saddened to learn that John Newton WA2IZX is now a Silent Key (SK). We all extend condolences to his widow, Jesse. John had grown up in the Buffalo, NY area, and had served as an Electrical Engineer in the Army where he worked on proximity fuses.

CARL Continued from Previous Column



John WA2IZX (SK) on left



Your faithful scribe takes this opportunity to climb onto his soapbox in order to extol the benefits of volunteering at W7ASC. The station is one of the few places where Hams get a chance to talk to the general public, on a regular basis. There are two work positions, each equipped with a Morse code key and an array of operating Ham radios. The Volunteer(s) on duty can demonstrate and teach Morse code and give visitors a chance to chat on one of the local repeaters. During such a demonstration, the Volunteer can explain that Ham radio is a Public Service, not just a geeky hobby. Very often this explanation is news to the visitor! Ham radio benefits, and so does the community, when non-Hams understand that Hams serve the community in many ways. You might be amazed to hear so many visitors equate Ham radio to Citizens’ Band and truckers. When a Ham volunteers at W7ASC this misunderstanding can be cleared.

W7ASC actually serves the entire Ham community when the Volunteer explains just what it is that we do – at no cost to taxpayers. When it comes time for legislation that affects Hams, we need as many informed citizens as possible. Legislators count votes. Even if every Ham spoke up on an issue in which we have an interest, the ham community represents a tiny fraction of the voting public. Volunteers at W7ASC have a unique opportunity to explain, to visitors, how we serve their interests. That is why we say that volunteering at the Station serves both Hams and non-Hams. Volunteering is really enjoyable and a Public Service.

Ready to learn more? Call the Station and come in for a visit. An application can be found at w7asc.org. There is a list of officers at the front of the ADAW newsletter. Call anyone on the list for more information. Help the community and your fellow Hams by volunteering, even if only a few hours each month.

73 de W4CIH - jeanjol@hotmail.com

Continued Next Column





For Sale / Wanted



**LOOK!
Great Deals!**

For Sale -

Do you subscribe to any amateur radio magazines? QST? CQ? I do. And until its demise in 2003, I enjoyed 73 magazine. But right at the top of the list of publications that are important to me is ADAW. Chris, N7PVL creates a very informative and interesting newsletter each month. ADAW stands for Arizona Desert Aire Waves, and the publication covers news concerning each of the nineteen amateur radio clubs that are ADAW members. Chris is an expert at organization, and her expertise in photography is obvious in every issue.

The Arizona Amateur Radio Club is looking forward to its yearly hamfest at the DeVry University campus at 2149 W. Dunlap in Phoenix on April 20, 2019. Hours are 7 AM to 11 AM. \$2 admission. VE testing at 9 AM. DX QSL card checking 9-10 AM. Contact Gary Hamman at K7GH@ARRL.net or call his phone: 602.996.8148 for information.

The Arizona Amateur Radio Club volunteer examiners will now do testing for new licenses and license upgrades on the last Sunday of the month. Testing will be on March 31 and April 28 in 2019. Contact Gary Hamman, K7GH, at 602.996.8148 if you would like to register for testing on those dates.

73,
Lori, WA7EDI

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.

Steppir 3-Element Antenna with optional 40M - 30M Dipole (Trombone) Kit. Also with 6M passive element, SDA 100 with D25 splice, and plug in connector junction box (pipe-bomb upgrade). Excellent Condition - \$2,500.00

ROHN Telescoping Mast 9H50. Maximum height 34.1 feet, 5 sections. \$125.00

Contact Bob Drake AF7EL at 623.385.6531 or email af7el@yahoo.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.



APRIL 22nd

ADAW



CHAPTER 16 BARRY M. GOLDWATER ARIZONA CHAPTER

Good day all!

As we move further into the year, the new club officers are (hopefully) getting settled into their jobs. We also have some items on the agenda that should be of interest at new and old hams alike.

Bob B., N7GW, is looking for people interested in learning to build kit radios. This would be along the lines of small QRP rigs initially such as the popular Tuna Tin. The class would be an introduction into kit building, but anyone interested is more than welcome to participate. The only cost involved would be for whatever you decide to build.

Contact Bob, N7GW, for additional information at bobbr30107@gmail.com.

Steve M., W6SDM, is also planning to hold a class for those interested in learning CW. Those who are a little rusty and/or need to brush up some are also welcome. In the Navy, Steve has taught Marines the fine art of communicating with CW. Just the fact he managed to get through a class, then driving him insane or making a weapon from the key, is a testament to his teaching abilities.

For more information about the CW class contact Steve at dd.maricopa.az@gmail.com.

Bob P., N6YPE will give a presentation on Stealth Antennas at our April club meeting. As he lives in a restrictive community himself, he has designed stealth antennas that have fooled the atheistic patrol since he installed them. So come on out on April 6 for one great presentation.

The Technical Committee is also looking into a new repeater site which will cover Casa Grand, Stanfield, Arizona City and a good chunk of I-8. This would be linked to our current club repeaters. Right now we still have a ton of hoops to jump through. First of which would be an agreement with the building management at the proposed site, then a change of location for frequency coordination needs to be completed and approved. Just the fact the building manager is willing to entertain us putting a repeater there is a good thing.

CopaFest is getting closer and the grand prizes are have pretty much been nailed down. However help is always needed and welcomed. The venue has been reserved with the same two rooms for presentations and testing as last year. Now we need to nail down people willing to give a presentation. I should add one of the projectors at the venue died last year, which caused some problems to say the least. This year

Continued Next Column

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.

ADAW

MARA Continued from Previous Column

MARA will bring its projector as a back up in case we have the same problem.

Bob H., W8RH is running the CopaFest committee and is looking for volunteers and people willing to give a presentation. Either party can contact Bob directly at w8rh@live.com. An easy way to volunteer, or for more CopaFest information as it comes available, is to visit the CopaFest web site at www.copafest.org.

Our next club meeting will be at the Copper Sky Police Substation in Maricopa on April 6, 2019 at 9:00 AM. We also hold our weekly informal net on the club repeaters every Monday night at 8:00 PM. Come join us if you can.

73 all and stay RADIO ACTIVE!



Public Service Calendar

Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
El Tour de Mesa	Mesa	04/06/19
March of Dimes for Babies	Wessley-Bolin Park, Downtown Phoenix	04/13/19
Pat's Run	Sun Devil Stadium at ASU and Tempe Town Lake	04/27/19
Zane Grey 50 Highline Trail Run	Payson Mogollan Rim	04/27/19
Arizona Emergency Net - Maricopa Picnic	Payson, Houston Mesa Campground, Fox 2 Group Rate	05/18/19
Barnburner Mountain Bike Ride	Kendrick Peak (Northwest of Flagstaff)	09/07/19
Mogollon Monster 100 Mile	Tonto and Coconino National Forests East of Pine	09/14/19

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.

Hello all,

Our HAMFEST was located at Coronado High School, 7501 E. Virginia on Saturday, March 16. The hours were basically 7:00 AM through Noon. There were hourly drawings (need to present to win) and Grand prize drawings (don't need to be present for the grand prize drawing) Entrance fee was \$5.00, Dealers fee was \$20.00 for two parking places, which was strictly enforced. Unfortunately, NO overnight parking was permitted this year allowed.

This last month a close fishing friend of mine called me with a request that I look at a personal machine shop in Yarnell, AZ. A relative of his was looking for someone to handle the sale of it. All things considered, I did purchase it. It will enhance my own workshop. The moving of the machine shop has had some difficulties. I got stuck in mud, snow, and ice. A neighbor near the shop was a true gentleman and pulled me out. I have had few contacts with small adults, but this man was about 36 inches tall. I had to leave my trailer there until the ground dried up, but about a week later I was able to remove my trailer. We have about two more loads to go. The next one was Thursday, March 14.

Our HIP (Ham in the Park) is being very successful. At the last one, we had a 160 M. mobile antenna following the designs of the 'SPIDER' antennas of years ago. The antenna is working very well (see picture).

73's Paul W7EFQ



ADAW

ADAW

SARC CONSTANTS:

SARC is a 501 (c)(3) club. That means all donations are fully tax deductible. Contact Paul Finell W7EFQ at 602.741.6563 for information on estate donations and equipment pick-up.

For membership information, call Ed Nickerson, WU7S at 480.949.5162. Please send address change requests to Judy no later than the 7th of the month in which you would like the change to occur.





The cancellation of outdoor events is probably a common occurrence in some parts of our state although it's not very common here in metro Tucson. On, Friday, February 22, the snow was flying here just about all day long. It didn't amount to much, but cold air moved in overnight making for icy roads on Saturday morning, February 23, which was the day of our planned outing to the Titan Missile Museum in Sahuarita. So the event was postponed, which was a good thing as there were several ice related accidents in the area on Saturday morning. We will give the Titan Missile Museum another try on April 20th.

Between now and then, we'll have events at Empire Ranch and then a spectacular event at the Marana Regional Airport(AVQ) on March 30th. This is our annual event with the Wings of Freedom Tour sponsored by The Collings Foundation. It's great fun getting up close to a B-17 and a P-51 Mustang along with several other airplanes in their collection. Walk through tours are available and there are typically a number airplanes that offer flights for those that want to get airborne.

OVARC participated in an unusual event this month. We were invited by the Innovation Academy in Oro Valley to participate in their Stem Night on March 5. The academy is a stem school for grades K – 5. With a small group from OVARC, we descended on the school and set up a number of demonstrations. Arrangements were made with Jim – K7ADW to have the county's emergency communications vehicle there too. The kids really enjoyed themselves. Thanks to Don, KA2IYU and Mike, K7VTT, VP of OVARC, for putting all of the details together. Thank you also to our team for helping to make the event a learning experience for everyone: Bev – WA7BEV, Scott – K7ADX, Fred – W2HZ, George – W8VG, Kiersten – KI7FZO, and Marnee – KG7SIO. We hope to do more school events so that we can interest more people in Amateur Radio.

73, Steve



The Kachina Amateur Radio Club meets the second Tuesday of each month at Solterra in the White Mountains, 5408 W. White Mountain Blvd., in Show Low. Our March meeting is Tuesday, April 9, 2019. The doors open at 6:00 p.m., and the meeting begins at 6:30 p.m.

Our presentation in March was by KARC President, Tim McFadden, on the topic of "Backing Up Your Station With Battery Power."

We meet the second Saturday of each month at 9:00 a.m. for donuts at Basha's in Taylor, AZ. Saturday, April 13th is our Donut Day this month.




We will also meet on April 20th, the 3rd Saturday of the month, for breakfast, at Sal and Teresa's Mexican Restaurant on Deuce of Clubs in Show Low.

Our Mailing Address is: Kachina Amateur Radio Club, P O Box 2996, Show Low, AZ 85902. Email: info@kachinaarc.org. Dues are \$15/yr for individual (\$25/yr for family) with our membership year running from January 1 - December 31. Visit our website at www.kachinaarc.org for more information.

Submitted by Lydiann McFadden



R.J. CARLI ENGINEERING CORP

 ELECTRICAL CONSULTING	 MECHANICAL CONSULTING	 PLUMBING CONSULTING	 RESIDENTIAL CONSULTING	7311 E. STETSON DRIVE SCOTTSDALE, ARIZONA 85251 RAYMOND J. CARLI, P.E. ELECTRICAL ENGINEER W7GNE (480) 941-8810 (OFF.) (480) 945-7020 (FAX)
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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.

Hamfest Calendar

120 April 2019 - **April Hamfest at DeVry** - hosted by the Arizona Amateur Radio Club and the Arizona Red Cross Communications Club will be held at DeVry University, 2149 W Dunlap Avenue in Phoenix. Hours are 6:00 AM to 11:00 AM. Admission Donation: \$2.00. Tailgate Spaces: \$10.00 each. VE Testing in school library at 9:00 AM. DX QSL Card Checking from 9:00 to 10:00 AM. ARCA Meeting at 11:00 AM. Commercial Vendors - Tailgaters - Prizes - Coffee - Doughnuts - Sodas. Talk-In on 147.060 (+) PL 162.2 Hz. Contact Gary Hamman at k7gh@arrl.net or 602.996.8148 for information or to reserve a space.

4 May 2019 - **Cochise Hamfest and 7th Region Communications Exercise** - hosted by the Cochise Amateur Radio Association will be held at the club site, 2756 South Moson Road in Sierra Vista. Gates open at 7:00 AM. Free Admission and Parking. Tailgating - \$5. Inside Table - \$10. VE Testing from 9:00 until 11:30 AM. Coffee, Pastry, and Drinks Available. Hourly Prizes with Main Prize drawing at 12:00 Noon. Talk-In on 146.76(-) PL 162.2 Hz. Watch for more details.

31 May - 1 June 2019 - **2019 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: Friday, 7:00 AM - 4:00 PM and Saturday 7:00 AM - 3:00 PM. Seminars, Tailgating, Vendors, DXCC Card Checking, Prizes. General Admission \$5.00 - Good for Both Days. Tailgate \$10.00 per parking space, each additional space \$5.00. Inside Commercial Vendor Table - \$25.00, each additional table \$10.00. Talk-In Frequency: W7YRC 146.880 MHz (-) PL 100 Hz. No Guns, Drugs, Alcohol, Smoking, Vaping, or Fireworks per ERAU Policy. Leashed or Caged Animals permitted in Outside Public Areas ONLY. For up-to-date info, visit the website at www.prescottthamfest.com

27 July 2019 - **White Mountain Hamfest** - hosted by the Kachina Amateur Radio Club will be held at 1101 Woodland Road in Lakeside. Admission is \$5.00. Tailgate Spaces \$10.00 each. VE Testing, Demonstrations, Prizes, Tailgaters, and Refreshments will be available. Visit the web site at www.kachinaarc.org for more information.

28 September 2019 - **Tucson Fall Hamfest** - hosted by the Radio Society of Tucson will be held at the Target Store, 9615 E Old Spanish Trail in Tucson. Hours - 6:00 AM - 11:00 AM. Free Admission and Buyer Parking. Tailgate Spaces \$10 per Parking Space. Free VE Testing at 9:00 AM - GOTA Station - QSL Card Checking - Prizes. Snacks & Beverages Available for Purchase. No Alcohol, Drugs, or Firearms. Talk-In Frequency 146.800 FM Tone 156.7. For Information & Map, visit <http://www.k7rst.org>

5 October 2019 - **Tonto ARA Hamfest** - hosted by the Tonto Amateur Radio Association will be held at Rumsey Park in Payson. Festivities begin at 9:00 AM. Watch for more details.

26 October 2019 - **Copafest 2019** - hosted by the Maricopa Amateur Radio Association will be held at the UltraStar at Ak-Chin Circle, 16000 N Maricopa Road in Maricopa. Hours are 7:00 AM until 1:00 PM. Admission Donation is \$5.00 per person. Spaces are \$10.00 for two parking spaces. Setup begins at 5:00 AM. Balloon Launch, VE Testing, Card Checking, Vendor Exhibits, Seminars, Prizes and more. Many activities available in the Multitainment Center including laser tag, bowling, movies, games, dining and more. Dining and Hotel also available. For information, email fest@copafest.org or visit the website at www.copafest.org.

2 November 2019 - **HARKfest** - 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 - Must Pre-register (cecarter39@yahoo.com) - Prizes - Arts & Crafts Show at Activity Center 9:00 AM - 2:00 PM. Lunch served at Activity Center. Talk-In 146.620 (pl 162.2) or 146.580 (simplex)

7 December 2019 - **Superstition Superfest** - hosted by the Superstition Amateur Radio Club will be held at Mesa Community College, 1833 W Southern Ave in Mesa. Hours are 8:00 AM - 4:00 PM. Admission is \$5.00/person (includes 1 door prize ticket) and children 12 and under free. Tailgate is \$10.00 for 2 spaces which includes 2 paid admissions tickets. VE Testing will be available. Registration is from 8:00 to 9:00 AM with testing beginning at 9:00 AM. ARRL Card Checking, Special Event Station, GOTA Station, Fox Hunt, Prizes, Live Music, Food Vendor, and Drinks will be available. Contact the Hamfest Chairman at chairman@superstitionsuperfest.org for more information.

Canceled

ADAW

ADAW





Tech Class Completed

TBARC has been busy! Several of our instructors just wrapped up a class at the Science Center, along with a number of Scottsdale ARC instructors. In the end, the important numbers were 14 - the number of people who passed - and 100% - the percentage of attendees who walked away with a brand-new ticket. Thanks to everyone who took part, and we hope to see some of the new hams at a Thunderbird meeting soon. Congratulations!

Soldering Class - Sign Up Now!

The next big event has been considered for a while. Paul Siken KI7LW put everything in the right place, and we've got a soldering class coming up! I know a lot of people have expressed interest in this, and due to space constraints it's limited to 10 people. It will happen on April 9th, 6:30 to 8:30 PM at the SW Artglass studio: 2036 E Thomas Rd. Suite 1. Many thanks to our very kind hosts at SW Artglass who know a thing or two themselves about soldering. See the club website, w7tbc.org, for more details or to sign up - those spots are going to go fast.

Old PayPal Account Disappearing

We are switching PayPal accounts to take advantage of our 501(c)(3) status. That does not mean that we aren't accepting PayPal anymore - quite the contrary, we're happy to have you pay electronically! What it does mean is if you're still subscribed for membership renewals under the old PayPal account, you'll need to switch over to the new account. Otherwise, your automatic payments will stop working. Talk to our treasurer, Bob Townsend, if you're not sure which account you're using. (Anything you set up this year is probably the new account; anything you set up before then, might be the old one.)

Antenna Repairs / Upgrades Approved

The board brought the need for repairs and upgrades to the February general meeting. At that meeting, the membership voted to upgrade the power system at the White Tank site, rotate the antenna (the drain holes should be on the bottom!) and install a link radio system, including purchase of new filters. That should keep our repeaters on-air longer, with increased capability to interconnect and cover more of the valley.

The MMRG organization is not very active during the winter months, so we are looking forward to the middle of May when we have our Annual MMRG Membership Picnic and we share our great pot luck culinary creations at President Sitterley's homestead. We'll give you a report on that event in the near future. It is definitely the gathering of the greats. Great popcorn too!

—Lori



TBARC Continued from Previous Column

April Presentation

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 April, Gary Hinton AC7R will discuss the Phoenix Mesh Network. What sort of network infrastructure has been built for ham use? What can you do with it - and what can't you do? And how do you get started with mesh technology anyway? Join us and find out at the meeting!

Andrew Cornwall, KF7CCC
kf7ccc@arrl.net

Continued Next Column



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.

April Test Sessions

Apr 1st - West Valley ARC -- 6:00 PM

Desert of the Shepherd Lutheran Church, 11025 N 111th Ave,
Walton Hall, Sun City

Contact - David Morrill 623.680.5011
No Walk-Ins - Call Ahead

Apr 4th - 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

Apr 6th - NOMADS -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa

Contact - Robert Bingham 480.404.1408
No Walk-Ins - Call Ahead

Apr 6th - DeVry ARC & WVARC -- 9:00 AM

DeVry University Library, 2149 W Dunlap Ave, Phoenix

Contact - David Morrill 623.680.5011

Apr 6th - Oro Valley ARC -- 10:30 AM

Ascension Lutheran Church, 1220 W Magee Rd, Tucson

Contact - Quinton Gleason licensing@tucsonhamradio.org

Apr 8th - East Valley VE Team -- 6:00 PM

City of Mesa Utilities, 640 N Mesa Dr, Mesa

Contact - Fred Bolinger 480.242.8606

Apr 8th - Radio Society of Tucson -- 7:00 PM

Hardesty Mid-Town Police Bldg, 1100 S Alvernon, Tucson

Contact - Diane Zimmerman 520.664.5070



Test Sessions Continued from Previous Column

Apr 13th - NOMADS -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa

Contact - Robert Bingham 480.404.1408
No Walk-Ins - Call Ahead

Apr 16th - Hassayampa AR Klub -- 2:30 PM

Home, 30645 S Wandering Way, Escapees North Ranch, Congress

Call for test and location information

Contact - Charles Carter 316.651.7710
No Walk-Ins - Call Ahead

Apr 16th - Boy Scout Troop 127 -- 8:00 PM

St Francis Xavier School Library, 4715 N Central Ave, Phoenix

Contact - John Kelly 602.264.6854

Apr 17th - Thunderbird ARC -- 6:00 PM

Honor Health Medical Office Bldg, 19841 N 27th Ave, Phoenix

Contact - James Skinnell 602.826.1949

Apr 20th - Coconino ARC -- 9:00 AM

North Country Healthcare, 2920 N 4th St, Ste A1, Flagstaff

Contact - Roderick Martin 928.527.1139

Apr 20th - NOMADS -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa

Contact - Robert Bingham 480.404.1408
No Walk-Ins - Call Ahead

Apr 27th - NOMADS -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa

Contact - Robert Bingham 480.404.1408
No Walk-Ins - Call Ahead

Apr 28th - Arizona ARC -- 7:00 PM

American Red Cross, 4747 N 22nd St, Phoenix

Contact - Gary Hamman 602.996.8148
No Walk-Ins - Call Ahead



Real Estate

*Are you or someone you know looking for a Ham Home?
I can help you find a home with a tower or one where a
tower can be added. Call or email me to get started.*

Richard Haworth W7MDQ

*Coldwell Banker Residential Brokerage
602-370-1450 Cell, rahaworth@cox.net*

Continued Next Column



CADXA Continued from Previous Column

This technology will enable us to have speakers at future meetings from all over the country and even from around the world.

Our April meeting will feature long time CADXA member Ray Benny, N6VR, talking about the Islands on The Air award program (IOTA). Islands on The Air is all about working stations that operate from the thousands of oceanic islands in the world. Ray has made the IOTA Honor Roll and DXpeditioned for IOTA among other high achievements in the program. Come and have a listen – you just might find IOTA to your liking. For more information about IOTA, go to <https://www.iota-world.org/>

The meeting will be on Thursday, April 4th, at the PERA Club (1 E. Continental Drive, Tempe). Join us for the informal social hour at 6:30 p.m.; the meeting will start at 7:00. See you there.

73,
Larry Loen, WO7R
CADXA President

Have you joined the ARRL's Logbook of the World (LOTW) yet? You probably should if you are active at all on HF or 6 meters. Here's why: There is no simpler or cheaper way to get confirmations of your QSOs. If you like awards, you really need to "be there." Even if you don't think you are interested in awards, you may change your mind someday. And, in the meantime, it is free to join, and free while you watch the award credits add up.

And, add up they do. I have hundreds of confirmations already in 2019. Places include Zimbabwe, Galapagos Islands, Andorra, and Vietnam. Similarly, on 6 meters last summer, I saw 49 of the 50 states show up in my LOTW reports. It's even true that some stations will only do LOTW these days. So, it is an essential tool in the ham radio toolkit these days.

What are the downsides? Well, the sign up procedure is a bit tedious. But, once you get past that, uploading your QSOs is easy and you only have to upload those QSOs you care most about if you are still using paper logs. Some complain about the cost when you apply for an award, but that's just because you pay nothing until you apply for the award. If you get an LOTW confirmation you care about, toss a quarter in a piggy bank each time. Your piggy bank will pay for any award easily because cashing in an LOTW credit costs 12 cents, far less than getting QSL cards from any source, including the DX QSL "bureau" system. That's still true even if you cash in an 80m QSO with Hawaii for both 5BWAS and DXCC.

How do you know whether the DX will upload to LOTW? Well, if their entry on QRZ.COM says they do, it's about 95 per cent sure. You can also do a "Find Call" search on the LOTW website to see if (and when) a station uploaded. If they say they participate, wait six months for their upload (some participants only upload quarterly or annually). There's even no harm done in waiting a few months to see if you get an LOTW match, even if the DX doesn't admit to participating. It makes participating in awards-based activities much cheaper. It is also reliable – if LOTW gives you the match, it will be accepted for awards.

Our March meeting featured an outstanding presentation on all things related to DXing from Chile in South America by Dr. Scott Wright, KOMD, who has traveled there over many years for work and DXing. He joined us from Rochester, Minnesota. We used remote technology for the first time in a way that allowed members to attend the program virtually via "Zoom."

Continued Next Column

ADAW

Superstition ARC Repeaters

147.120 MHz (+) 162.2 Hz - Usery *
448.275 MHz (-) 100.0 Hz - Usery - FUSION
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 Net: Wednesdays, 8:00 PM - Discussion, Elmer Q&A.
Mesh Information Net: Thursdays, 7:00 PM - Net control Steve, KB7KWK

10-Meter Rag Chew: Thursdays, 8:00 PM, 28.465 MHz USB

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.



President's Corner

Steve, KB7KWK

Hello everyone and welcome to spring. Our club is turning out to be one of the biggest in the Valley. You have heard me say this before and I can't stop saying it because it is so awesome to see how many people are in our club now. We are up to around 190 members, although we do not hear that many people on the repeaters or at club functions. It's great to know that there are that many people interested in the hobby and the club. We have noticed that every meeting has a packed room. This tells me and the Board of Directors that we must be doing something right. We hope to keep bringing good meeting programs and functions to our club members. By the way, if you have any ideas for club programs that you would like to see, please contact Andy KD4ABB either on the radio or in person at a meeting. We are always looking for program ideas.

Our next club function outside of the meeting is Falcon Field's annual Open House. This is another great event to get club members together and to show the public that Ham radio is still very much a great hobby. The event is Saturday, March 30th from 9:00 a.m. to 2:00 p.m. See the club website for all the details. I hope to see a lot of you there again this year.

I would like to remind everyone that there is a club net every Wednesday evening at 8:00 p.m. We also play the Amateur Radio News line before the net. This net is for all club members to check into. It is also an information net, meaning you can get all club news there as well as ask any question about radio. There is usually always an Elmer on to answer questions for you.

I look forward to seeing all of you at club meetings and outings in 2019. When you see me out there or hear me on the air, please say hello.

Your 2019 Club President, Steve Estes, KB7KWK

Falcon Field Open House Saturday, March 30

From 9:00 AM through 2:00 PM, we will meet and greet the public at Mesa's Falcon Field airport and will have Mesh Networking and other aspects of amateur radio on display. Please join us!

April 16 General Meeting at 7:00 PM (Tuesday)

Our guest speaker, Kevin Parmenter KG5Q, will present "FlightAware and ADS-B Tracking." FlightAware runs a network of ADS-B receivers to track aircraft around the world.

Aircraft obtain their precise latitude, longitude and altitude

Superstition Continued from Previous Column

from their GPS and pressure altimeter instrumentation. And when equipped with an "automatic dependent surveillance broadcast" (ADS-B) transponder, an aircraft broadcasts this information to any ADS-B ground receiver within up to a 300-miles line-of-sight radius at cruising altitude. Data from these receivers are collected over the Internet and combined to display the craft's location on a map. See flightaware.com/adsb/ for a good overview.

Visitors are always welcome. Our meeting location is found on page 3 of this ADAW.

Picnic at Red Mountain Park from 11:00 AM till 3:00 PM April 20

The club will hold its picnic in the Wren Ramada on the southeast side of the park. We can seat 90 attendees, so bring some food and drink to share. The club will cook up some hot dogs and amateur burgers (ahh, HAM burgers!) together with the condiments and plates.

Mesa CERT Net first Tuesdays at 7:00 PM on our linked repeaters

City of Mesa's Community Emergency Response Team (CERT) program educates volunteers about disaster preparedness for the hazards that may impact the area and trains them in basic disaster response skills. (Wording borrowed from www.ready.gov)

Listen in and participate on the first Tuesday of each month to sharpen your skills. (147.12 or 449.60 Repeater at 7:00 PM.)

73 from Larry Kuck, WB7C for Superstition ARC's portion of ADAW

ADAW





Winter brought challenges to communications equipment installed on Mt Elden. We have issues showing on three transmitters. With the heavy logging and snow, the mountain top has been inaccessible. The ARA is planning a trip to the mountain around the first of April to troubleshoot the Rimlink (147.140+) and the Utah Link (448.875+). We appreciate all of the reports provided by the users.

Did you know you can monitor the Mt Elden repeaters through Radio Reference? We have a VHF and UHF stream, with one repeater on the left and the other on the right. Anyone with access to the internet may now listen to communications traffic from your computer or smart phone.

The ARA has added a new email address to allow users to report issues to the tech committee. problemreport@w7ara.net can be used by anyone to report problems with ARA equipment. We are working to resolve the issues as they develop and are reported. If you experience a technical issue, send an email describing all of the details/issues you are experiencing, which will allow our technical team to begin troubleshooting. Your reports are valuable and truly appreciated.

MCECG still needs help with events for this public service season. Please review the MCECG website and help out where you can.

Hope to see you at the General Meeting on the 4th Thursday of each month.

For information, visit us at <http://www.w7ara.org/>

Brian McCarthy, AK7F
President@w7ara.net

The Yavapai Amateur Radio Club is dedicated to support of the central Arizona area in community service and emergency communication service. The club serves primarily the Prescott area but includes a broader area in our efforts to serve.

Amateur licensing continues to be a big part of YARC's service to the community. We have two upcoming license classes for anyone interested. In April, we will be holding a three-day "General" license class. It will be April 6, 20 and 27. The class will be at the Jeep Posse building where we have our license tests, and our club station.

In May, we have scheduled a "Technician" class on May 4 and 11, 2019. This class will be held at the Yavapai County Agricultural Extension building in the Prescott Rodeo Grounds. For more information or to register for either class, please visit our website www.w7yrc.org

Our next license test will be on May 18, 2019. If you are in the Prescott area and want to get licensed or upgrade, we will be pleased to serve.

YARC's hamfest committee is well along in preparations for the 2019 Prescott Hamfest at Embry-Riddle Aeronautical University. The fest will include all the traditional things like tailgating, vendors, food, license testing and seminars. The dates are May 31 and June 1, 2019. Advance purchase of Grand Prize tickets is now available on the club website, <http://hamfest.w7yrc.org/prizes/>

The Yavapai Amateur Radio Club encourages community members and those of other local clubs to join us for our monthly meetings. We continually strive to make our programs interesting by addressing as many facets of amateur radio as possible. Meetings are held the first Thursday of the month (most months, check our website) in the Freeman Building in the Prescott Rodeo Grounds, 840 Rodeo Drive, Prescott, AZ 86305. Meetings start at 7:00 PM. For program information and directions check our website at www.w7yrc.org

ADAW

ADAW

No Reports Received



ADAW

*Old Pueblo Radio Club
INTERMOD*

President's Column

OPRC Repeaters

146.66 - PL 110.9 wide coverage W7GV

RACES Repeaters

145.150	packet/wide	N7OEM
146.880 - PL 110.9	wide coverage	N7OEM
448.55 - PL 110.9	wide coverage	N7OEM

ADAW

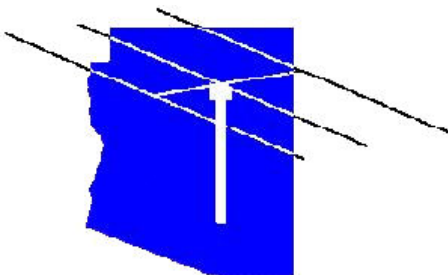


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- V+V/V+U/U+U operation • Built-in GPS • Built-in TNC for APRS & DX-Cluster operation • 50W 2M & UHF • 1,000 memories • Dual receive • Green or amber backlight colors • Latest APRS firmware w/new features • Sky Command II remote functions

Call For Special Price!



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

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TS-890S | HF/50MHz Transceiver

- Receive performance on a whole other level from narrow bandwidth roofing filters that only full down conversion can provide • CW Morse code decode/encode possible with stand-alone unit • 150dB Blocking dynamic range (BDR) • Expanded touch operation scope • Kenwood Sky Command II Support • Remote operation achieved without host PC Direct remote-control function (KNS)



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

Call Now For Your Low Price!



TH-D72A

2M/440 HT w/extended RX

- 5W TX, RX 118-524 MHz, VxU, VxV, UxU
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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



TM-281A | 2 Mtr Mobile

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

Call For Special Low Price!

TH-D74A

2M/220/440 HT w/D-STAR!

- 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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TH-K20A | 2M Handheld

- 2M 5.5W • VOX • CTCSS/DCS/1750 Burst built-in • Weather alert

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- RETAIL LOCATIONS - Store hours 10:00AM - 5:30PM - Closed Sunday
- PHONE - Toll-free phone hours 9:30AM - 5:30PM
- ONLINE - WWW.HAMRADIO.COM
- FAX - All store locations
- MAIL - All store locations

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*Thank you to all who visited us at the Yuma Hamfest and helped to make it a great success!
We appreciate all of your support.*

Now serving you at our Phoenix store:

Mike KB6VHF, Steve W7QY, Mike K7DD, Jim K7EOG, Jim KE7EEU, Richard K1RAB and Laura KB6UHF