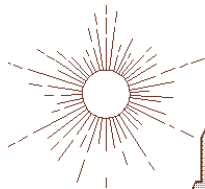


**ADAW**

1762 Golden Poplar Ave  
Sacramento, CA 95834



**ADAW**

**Arizona Desert Aire Waves**

**Vol 46, No 10**

**October 2021**

**CLUB MEETING SCHEDULE**

**SARC**

Oct 6th - 7:00 PM  
On Line

**AARC**

Oct 14th - 7:00 PM  
American Red Cross/Echolink

**AzRCCC**

Oct 12th - 7:00 PM  
American Red Cross/MS Teams

**WVARC**

Oct 4th - 7:00 PM  
Via Zoom

**SuperstitionARC**

Oct 19th - 7:00 PM  
St. Katherine Orthodox Church

**CHRC**

Oct 9th - 9:00 AM  
Veterans Oasis Park Edu Ctr

**ANSR**

Oct 21st - 7:30 PM  
via GoToMeeting

**KARC**

Sep 14th - 6:30 PM  
New Hope Christian Fellowship

**OVARC**

Sep 17th - 7:00 PM  
Ascension Lutheran Church

**AMO**

Oct 14th - 7:00 PM  
Charles K Luster Bldg

**YARC**

Oct 7th - 7:00 PM  
Prescott Rodeo Grounds

**TBARC**

Oct 21st - 6:30 PM  
AZ Christian University

**ATN (VOAR)**

Postponed  
[www.whereby.com/atn1](http://www.whereby.com/atn1)

**QCWA-AZ Chapter**

TBD  
Various

**CADXA**

Oct 7th - 7:00 PM  
via Zoom

**ARA**

Oct 28th - 7:30 PM  
Electronically

**SunLifeARC**

Every Monday - 10:00 AM  
Via Zoom

**CARL**

TBD  
Check Web Site

**MARCA**

Oct 19th - 6:30 PM  
via Zoom

**MARA**

Oct 2nd - 9:00 AM  
Maricopa Public Library

**MMRG**

See Web Site

# 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](http://www.W7IO.org) for map. Visitors are welcome.

President	Gary Hamman	K7GH	602.996.8148
Vice President	Steve Tolnai	W7WSV	480.390.4446
Secretary	Open		
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) in Scottsdale. The club also holds a net every Tuesday night at 7:00 p.m. on the 147.78/.18 repeater.

President	James Wasson	N7ELL	<a href="mailto:n7ell@scottsdalearc.org">n7ell@scottsdalearc.org</a>
Vice President	Ray Vasquez	K4RMV	<a href="mailto:k4rmv@scottsdalearc.org">k4rmv@scottsdalearc.org</a>
Secretary	Bruce Harmsen	KA9EYX	
Treasurer	Douglas Mitchell	W7ADD	<a href="mailto:w7add@scottsdalearc.org">w7add@scottsdalearc.org</a>
Past President	Paul Finell	W7EFQ	<a href="mailto:w7efq@scottsdalearc.org">w7efq@scottsdalearc.org</a>
Board Members	Gene Geller	K0VN	
At-Large	David Yee	N7AJR	
	Bill Kouchis	N9EIV	
	Jim Dye	AG7AU	
	Paul Finell	W7EFQ	
	Chris Schweiger	NE7EE	
	Alex Caravajal	KJ7OFM	

*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](http://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	<a href="mailto:iamgadget1@yahoo.com">iamgadget1@yahoo.com</a>
Vice President	Clayton Jacobs	KJ6QJS	
Secretary	Steve Miller	W6SDM	
Treasurer	Bill McLean	K7WWM	<a href="mailto:bmclean@gmail.com">bmclean@gmail.com</a>

*ANSR, PO Box 31003, Mesa, AZ 85275-1003. DUES: \$10.00/YR. Web Site: [www.ansr.org](http://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 Arizona Christian University, 59th Avenue and Greenway Road in Glendale. Meeting is in building 3600, Auditorium #1. See the website (<http://w7tbc.org>) for a map and more details.

President	Charles Loftus	KG7KRN	<a href="mailto:president@w7tbc.org">president@w7tbc.org</a>
Vice President	Rick Tejera	K7TEJ	<a href="mailto:vicepresident@w7tbc.org">vicepresident@w7tbc.org</a>
Secretary	Andrew Cornwall	KF7CCC	<a href="mailto:secretary@w7tbc.org">secretary@w7tbc.org</a>
Treasurer	Jeff Rogers	KD7PYE	<a href="mailto:treasurer@w7tbc.org">treasurer@w7tbc.org</a>
Directors	Robert Lutes	N7NO	<a href="mailto:n7no@w7tbc.org">n7no@w7tbc.org</a>
	Clair Wyant	KG7MAJ	<a href="mailto:kg7maj@w7tbc.org">kg7maj@w7tbc.org</a>
	Chuck Erickson	K7CAE	<a href="mailto:k7cae@w7tbc.org">k7cae@w7tbc.org</a>
	Robert Fairfield	K7RQN	<a href="mailto:k7rqn@w7tbc.org">k7rqn@w7tbc.org</a>
Past President	Brian McCarthy	AK7F	<a href="mailto:ak7f@w7tbc.org">ak7f@w7tbc.org</a>
Trustee	Gary Duffield	WK7B	<a href="mailto:wk7b@w7tbc.org">wk7b@w7tbc.org</a>

*For further information about the ThunderBird Amateur Radio Club, visit our website at <http://w7tbc.org>, send an e-mail to: [info@w7tbc.org](mailto: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 11394, Phoenix, AZ 85318-1394.*

## AZ RED CROSS COMMUNICATIONS CLUB

The Arizona Red Cross Communications Club meets the **SECOND TUESDAY** of each month at 7:00 PM 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	Charlie Zurenko	N2TFS	
Vice President	Mark Steele	KI7RB	
Secretary	Saroj Gilbert	KM6BQD	
Treasurer	Doug Bessemer	K0VPL	
Past President	Peter Petrotta	KD7OIW	

*Arizona Red Cross Communications Club - K7ARC, 4747 N 22nd Street, Phoenix, AZ 85016. Web Site: [K7ARC.org](http://K7ARC.org) Email: [azrccc@gmail.com](mailto:azrccc@gmail.com)*

## MARICOPA AMATEUR RADIO ASSOCIATION

The Maricopa Amateur Radio Association (MARA) meets the **FIRST SATURDAY** of each month at 9:00 a.m. at the Maricopa Public Library - Redwood Room, 18160 N Maya Angelou Drive in Maricopa.

President	Bob Howard	W8RH	<a href="mailto:president@copahams.org">president@copahams.org</a>
Vice President	Scott Bushman	WI7Y	<a href="mailto:vicepresident@copahams.org">vicepresident@copahams.org</a>
Secretary	Bob Proctor	N6YPE	<a href="mailto:secretary@copahams.org">secretary@copahams.org</a>
Treasurer	George Hogan	K7TGH	<a href="mailto:treasurer@copahams.org">treasurer@copahams.org</a>
PIO:	Steve Miller	W6SDM	<a href="mailto:pio@copahams.org">pio@copahams.org</a>
Webmaster:	Louis Sandoval	W8LES	<a href="mailto:w8les@copahams.org">w8les@copahams.org</a>

*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](http://www.copahams.org). Mailing address: P O Box 951, Maricopa, AZ 85139*

# 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 who have been licensed for 25 or more years. Meetings are currently held in Phoenix, Prescott, and Tucson. The Arizona Chapter meets on the air every Sunday morning. Please check the website <http://www.azqcwa.org/> for the time and frequency.

President	Tom Fagan	K7DF	president@azqcwa.org
Vice President	Open		
Secretary	Carl Foster	KB7AZ	secretary@azqcwa.org
Treasurer	Carl Foster	KB7AZ	treasurer@azqcwa.org

Web Site: <http://www.azqcwa.org> Email: [info@gmail.com](mailto:info@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	Tom Griswold	WN7E	
Secretary	Lori Cripps	WA7EDI	602.955.7517
Treasurer	Bob Sitterley	K7POF	928.636.2146
Board Members:	Gary Hamman	K7GH	
	Butch Merrill	K7JOG	
	Jerry Roberts	K7BUD	
	Ken Rasback	KK7KEN	
	Tom Raczykowski	N7MMC	
	Sonja Hazlett	WB7CWW	

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 PM at New Hope Christian Fellowship, 989 Cheney Ranch Loop (US260 & Cheney Ranch) in Show Low.

President	Jim Mortensen	W7AZY	
Vice President	Bill Turley	KJ7GYH	
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: [kachinainfo@drwilx.com](mailto:kachinainfo@drwilx.com) Testing Info: White Mountain V.E. Team: [VEtesting@cablone.net](mailto:VEtesting@cablone.net). Dues are \$15/yr for individual; \$25/yr for family. Membership is January 1 - December 31. Website: [www.kachinaarc.org](http://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](http://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:

Dennis Campbell, AE7WU	ae7wu@w7ara.net
Mike Montalvo, KF7MBK	kf7mbk@w7ara.net
Marty Dusenberry, KE7DGP	ke7dgp@w7ara.net
Dennis Bietry, KE7EJF	ke7ejf@w7ara.net
Lance Halle, KW7LH	kw7lh@w7ara.net
Joe Godfrey, AE7JG	ae7jg@w7ara.net
Patrick Baldwin, KI4NSF	pbaldwin99@gmail.com
James Wasson, N7ELL	n7ell@w7ara.net

For Membership Information, contact (Joe Godfrey, AE7JG [membership@w7ara.net](mailto: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 the **THIRD TUESDAY** each month (except December) at 7:00 PM -- Charles K Luster Building, 640 N Mesa Drive, Mesa -- also via Zoom. **VISITORS** are Encouraged to attend. **Board meeting:** Second Tuesday at 6:30 PM via Zoom. If you would like to attend one of our meetings via Zoom, please contact [president@superstitionarc.org](mailto:president@superstitionarc.org) at least 24 hours prior to the meeting for the Zoom link.

President	Steve Estes	KB7KWK	480.251.0551
Vice President	Brian Betz	W7JET	
Secretary	Scott Simeon	KI7KIM	
Treasurer	Bryan Hubbard	KF7DPC	480.205.8122
Board Members:	Bob Thomas	N8ANV	239.253.8279
	Emmet Plant	KB3MPN	
	Fred Atkinson	WB4AEJ	602.464.4406
	Greg Watkins	WB7VOK	
	Jeff Harris	K2DFE	602.617.6930
	Jeff Heinze	N7CCW	480.720.7908
	John Wolven	KG7NSP	

Mailing Address: Superstition ARC, 5155 E Eagle Dr #21522, Mesa, AZ 85277.  
 Web Sites: [SuperstitionARC.org](http://SuperstitionARC.org) and [SuperstitionSuperFest.org](http://SuperstitionSuperFest.org).  
 The Superstition Amateur Radio Club, Inc. is a 501(c)(3) non-profit corporation. For more information, send email to: [info@superstitionarc.org](mailto:info@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. via Zoom - login info on W7MOT.org. Monthly presentations cover a broad spectrum of interesting subjects. Visitors are welcome to attend. Come early (6:00 p.m.) 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	Norm Johnson	AA7OO	480.278.2886
Vice President	Ray Vasquez	K4RMV	
Treasurer	Don Aldridge	WA7RLL	
Secretary	Paul Bennett	KD7KDO	
Board Member	David Yee	N7AJR	
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. Until further notice, meetings will be held virtually on Zoom. Visitors always welcome. See [www.cadx.org/meetings.html](http://www.cadx.org/meetings.html) for a map.

President	Bill Poole	AA4Q	billpoole@yahoo.com
Vice President	Ron Smith	N7RD	n7rd@cox.net
Secretary	Bob Davies	K7BHM	k7bhm@cox.net
Treasurer	Mike Wright	N7MW	n7mw@aol.com
Past President	Larry Loen	WO7R	lwloen@gmail.com
Directors	Eric Schecter	KC7ES	eschecter@gmail.com
At-Large	John Jolly	N7NWL	wa7nwl@gmail.com

CADXA, P.O. Box 24616, Tempe, AZ 85285-4646. Email: [cadxa@cox.net](mailto:cadx@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.cadx.org](http://www.cadx.org).



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

## YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club meets the **FIRST THURSDAY** of every month at 7:00 PM (currently our meetings are on ZOOM due to COVID) in the Freeman Building at the Prescott Rodeo Grounds located at 840 Rodeo Drive in Prescott (visit web site at [www.w7yrc.org](http://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	John Snedden	KT7P	president@w7yrc.org
Vice-President	Mike Reid	WU7V	vice_president@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Treasurer	Sam Prather	K7SCP	treasurer@w7yrc.org
Past President	Bill Noe	WG7W	
Board Members	Dave Erlach	W7VSX	rocketdog@dslextreme.com
	Mike Schnell	NC7X	ka9cid@gmail.com
	John Laing	K7PRS	k7prsextra@gmail.com
	Ray Kolman	KI7COM	spudsmen@gmail.com

Yavapai Amateur Radio Club, P O Box 11994, Prescott, AZ 86304-1994. DUES: \$20.00/yr. Visit the website at [www.w7yrc.org](http://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). (Monthly meetings are being held on ZOOM during the Pandemic.) Visitors are **VERY** welcome. Board Meetings are held at 7:00 p.m. via ZOOM. Check the web site at [www.tucsonhamradio.org](http://www.tucsonhamradio.org) for dates.

President	Steve Wood	W1SR	w1sr@arrl.net
Vice-President	David Beauchesne	AK2L	ak2l@arrl.net
Secretary	Logan Zintsmaster	KE7AZ	lrahnz@garlic.com
Treasurer	Hanna Eckert	KG7TPD	haneck@aol.com
Board Members	Fred Bresani	W2HZ	w2hz@verizon.net

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/>.

## CHANDLER HAM RADIO CLUB

The Chandler HAM Radio Club (call sign N7CHN) meets the **SECOND SATURDAY** of each month at 9:00 AM. Starting June 12th, club meetings will be held in person in the "Jackrabbit" room at the Veterans Oasis Park Education Building at the NE corner of Chandler Heights and Lindsey Roads. You can still join via Zoom. Visitors are welcome. Check the web site at [chandlerhams.org](http://chandlerhams.org) for dates and presentation topics of club meeting. Weekly net is held every Thursday at 8:00 PM on 443.050+ PL100.

President	Michael Reed	AA0MR	pres@chandlerhams.org
Vice President	Norm Fasoletos	K7NWF	vp@chandlerhams.org
Secretary	Mary Stephen	AE6Q	sec@chandlerhams.org
Treasurer	Byon Garrabrant	N6BG	treas@chandlerhams.org

Web Page: <http://chandlerhams.org>. DUES: \$25/year primary member; \$10/year family member.

## 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.) The station is located on the third floor of the Science Center, in the "My Digital World" gallery. Board meetings are held the last month of each quarter at the AZ Science Center. An 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
Station Engineer	Ron Taylor	WA7GIL	602.390.5335
Board Members:			
	Steve Warford, WB4ZSC	ADAW	
	Tom Salt AD7PM	At Large	
	John O'Neal K7JP	Teacher Packets	
	Bob Burleson KG7QJ	Trustee/President Emeritus	
	Robert Faerber W9AQ	Log Book	
	Scott Gillins W2KP	At Large	

Direct Phone: 602.716.2082      Web Site: <http://www.w7asc.org>  
 For information: Email to [carl@w7asc.org](mailto:carl@w7asc.org) or call Jack, KD7ROB at 480.759.5195.

### AMATEUR TELEVISION NETWORK

The Amateur Television Network (ATN) promotes video operation on linked repeaters and mesh networks. Business meetings are in January and July. Monthly social meetings are postponed due to the pandemic. Join us online at [www.whereby.com/atn1](http://www.whereby.com/atn1) on Sundays at 7:00 PM AZ time and Tuesdays at 8:30 PM AZ time for our ATV Nets. It's a lot of fun!

If you can, check in with RF on ATV, FM or DMR...

ATV Repeater Inputs: 434 MHz AM/DVB-T and 2441.5 MHz FM

ATV Repeater Outputs: Phoenix - 1253.25 and 5910 MHz,

Mesa - 421.25 and 1289.25 MHz, Tucson - 1277.25 MHz

FM Repeater Outputs: Phoenix - 448.400 MHz PL 100.0,

Mesa - 445.175 MHz PL 100.0, Tucson - 445.225 MHz PL 103.5

DMR Talk Groups: 9410 "ATV Talk" and 31024 "ATN"

We also stream 24x7 on [www.youtube.com/amateurtelevisionnetwork](http://www.youtube.com/amateurtelevisionnetwork) and on YouTube at W7ATN-Arizona Live and W7ATN-Mesa Live.

President	Ed Olague	K5OLA	602.885.7725
Vice President	Rod Fritz	WB9KMO	480.322.5149
Sec./Treasurer	Lee Weitzel	K0CCU	602.439.4840
Repeater Trustee	Kevin Jacobson	AD7OI	602.694.0851
Webmaster	Roland Hoffman	KC6JPG	562.577.1381

ATN-AZ, 4134 W. Danbury Dr. Glendale, AZ 85308. Full membership dues are \$75 annually. Affiliate membership is free. Website: [www.atn-tv.org](http://www.atn-tv.org). Email: [wb9kmo@gmail.com](mailto:wb9kmo@gmail.com)

### 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 on the third Tuesday of the month at 1:00 PM at Lou's Tivoli Gardens, 12535 W Bell Rd in Surprise. 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	Danny Hoerr	KM4HFT
Vice-President	Bill Ciccone	KA2KHV
Secretary	Lee Ann Ciccone	KJ7AZR
Treasurer	Doug Totel	K9RZ
Board Member:	Krissy Larson	KI7GJJ
	Joe Jacobson	KJ7PUL
	Frosty Oden	NQ1S
	Larry Johnson	WO7C
Past President	Danny	KM4HFT
Committees:		
Membership	Krissy Larson	KI7GJJ
Technical Advisory	Frosty Oden	NQ1S
Equip. Donations & Sales		
	Ken Jenkins	WB6MMV
	or Jim Seay	WB7RBN

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://westvalleyarc.com>. Email: [suncitywvarc@gmail.com](mailto:suncitywvarc@gmail.com)

### SUNLIFE AMATEUR RADIO CLUB

The Sunlife Amateur Radio Club meets **EVERY MONDAY** from October through April each year at 13:00 (1:00 p.m.) on Zoom. For access, please contact Sue Rogers, W7SKH at [happyham7777@gmail.com](mailto:happyham7777@gmail.com).

Nets:

20 Meter Net: Monday, Wednesday, & Friday, 14329 Mhz SSB 12:30 p.m./11:30 a.m. during daylight savings time.

10 Meter Net: Tuesday & Thursday, 28.329 Mhz, SSB. 7:00 p.m./8:00 a.m. during daylight savings time.

Venture Out: 2 Meter Net: Monday, Wednesday, & Friday, 1:00 p.m., 146.58 MHz FM simplex, 12:30 p.m.

President	Sue Rogers	W7SKH	<a href="mailto:happyham7777@gmail.com">happyham7777@gmail.com</a>
Vice President	Ralph Towers	KA0CET	<a href="mailto:retowers@hotmail.com">retowers@hotmail.com</a>
Secretary	Chuck Rogers	W7CBR	<a href="mailto:rogers_charles@hotmail.com">rogers_charles@hotmail.com</a>
Treasurer	Dwight Carlson	KF7WI	<a href="mailto:dec@kalama.com">dec@kalama.com</a>

Membership dues are \$10.00/year. If you would like to be a member, visit the website at <https://www.sunlifearc.org/>

## ADAW Member Clubs

### AMO - ARIZONA MESH ORGANIZATION

The Arizona Mesh Organization (AMO) is a 501(c)(3) amateur radio club. Our goals and purpose is to promote and support ARDEN MESH Networks throughout the state of Arizona, to explore new technologies, to promote the education of what amateur radio mesh is, to support and exchange information with mesh users throughout the state, to further the technology of mesh radio itself, to support emergency and public service communications, and (of course) to have fun along the way. AMO's board meets the **FIRST THURSDAY** and club meetings are held the **SECOND THURSDAY** of each month via Zoom. If you would like to attend either of these, contact the President, Michael, KI7LXY at [president@arizonamesh.org](mailto:president@arizonamesh.org) at least 24 hours in advance. Visit the web site at <https://arizonamesh.org> for more information on the AMO Club and up-to-date news.

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	Rodney Fritz, WB9KMO	<a href="mailto:wb9kmo@arizonamesh.org">wb9kmo@arizonamesh.org</a>

*Mail Address: Arizona Mesh Organization Inc, 7939 E Golf Avenue, Mesa, Arizona 85209. DUES: Full Membership \$25.00 per year. Visit the AMO web site for more information on membership. If you would like to join, visit our web site and click on the HamClubOnline Banner: [https://arizonamesh.org/amo\\_membership.shtml](https://arizonamesh.org/amo_membership.shtml)*

### ARIZONA OUTLAWS CONTEST CLUB

The Arizona Outlaws Contest Club ("AOCC") does not hold routine meetings. At least once per year, we hold the AOCC Roundup, a catered event that rotates each year between Phoenix, Tucson, and Prescott. All members have access to an email reflector. Members post comments, questions, and their contest scores. All licensed amateur radio operators interested in amateur radio contesting (also known internationally as "radiosport") are eligible for membership. For more information, see our website, [www.arizonaoutlaws.net](http://www.arizonaoutlaws.net).

President:	Mike Fulcher, KC7V	<a href="mailto:mikekc7v@gmail.com">mikekc7v@gmail.com</a>
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V.P. South Area	Owen Watson, AK7W	<a href="mailto:ak7w.owen@gmail.com">ak7w.owen@gmail.com</a>
Secretary/Treasurer	Larry Reader, KE2VB	<a href="mailto:larry.ke2vb@gmail.com">larry.ke2vb@gmail.com</a>

*Arizona Outlaws Contest Club, 1099 N Olympic Pl, Tucson, AZ 85737. Dues are \$10 per year. For more information, contesting resources, and a membership application, visit our website: [www.arizonaoutlaws.net](http://www.arizonaoutlaws.net).*



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## From The Editor's Desk

Greetings all.

As I write this column, we have officially entered the autumn season. Strange, but it doesn't feel like it. Temperatures are still "summer-like" throughout most of our area. The one thing that heralds fall though is . . . HAMFESTS!

The calendar has quickly filled up with hamfests throughout Arizona. The first one is the RST Tucson Autumn Hamfest which takes place on September 25<sup>th</sup>. Since this newsletter will be going out before that date, you should receive it in time. The event is at a new location for the fall, the Calvary Tucson Church on Speedway. If you don't have plans for this coming weekend, check it out - and be sure to let me know how it was.

October brings lots of activities to take part in. The Tonto Amateur Radio Club will hold their Swapfest on October 2<sup>nd</sup> at Rumsey Park in Payson. A BBQ/Potluck will be held after the swapmeet and all are invited to join.

Then on October 9<sup>th</sup>, Octoberfest, a new hamfest brought to you by the Scottsdale Amateur Radio Club, takes place. It will be held at the same location as Scottsdale's SpringFest - the Fender Parking Lot on Pacesetter Way in Scottsdale. It is sure to be a good one.

Also on October 9<sup>th</sup>, the Arizona QSO Party will take place. This is an operating event that is open to everyone. Check out the particulars at the website - [www.AZQP.org](http://www.AZQP.org).

The Amateur Radio Tailgate swapmeet will be held in Show Low on October 16<sup>th</sup>. The Show Low Masonic White River Lodge #62 will be the site for this event in the Arizona high country. Admission and VE testing are both free.

Finishing off a month of activity is the Maricopa Amateur Radio Association's CopaFest in Maricopa on October 30<sup>th</sup>. This "fest" is being held at the Ak-Chin Circle Entertainment Center which is a great place for a hamfest. There is so much to do at the Entertainment center that you can make it a weekend get away. It's a great way to end the month.

To get more information about these events - and a sneak peek at what's coming up in November - check the Hamfest Calendar on page 9. Flyers for the events are attached in the flyer file also.

Halloween is the last Sunday of October. Little ghosts and goblins will be roaming the neighborhoods in search to those coveted treats. So, take extra care if you are out and about.

73 'til next month,  
Chris, N7PVL



## Public Service Calendar

### Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
ADA Bike Rides	North Phoenix	10/23/2021
Xterra San Tan Trail Run	San Tan County Park	11/14/2021
Xterra Estrella Mtn Trail Run	Estrella Mtn Park	12/11/2021
Auxcomm Interest	TBD	12/31/2021
Xterra - White Tank	White Tank County Park	01/08/2022
Xterra McDowell Mtn	McDowell Mtn County Park	02/06/2022
ADA Tour De Cure	West Valley	03/05/2022
Xterra Black Canyon Trail Run	Black Canyon City	03/13/2022
El Tour De Cure	Mesa	04/02/2022

To sign up for an MCECG Public Service Event: [www.mcecg.net](http://www.mcecg.net)

For information, contact Dennis Bietry - KE7EJF at 602.274.3732 - email, [ke7ejf@cox.net](mailto:ke7ejf@cox.net), or contact the Event Coordinator for the event.

ADAW





### **AMATEUR RADIO SERVICE DEMONSTRATION STATION**

W7ASC is a Demonstration Station for the Amateur Radio (public) Service. The Volunteers who operate the station are members of the Center for Amateur Radio Learning (C.A.R.L.), a 501(c)(3) corporation. W7ASC is open to all who visit Arizona Science Center (ASC) during those hours when ASC is open. The station is located on the third floor of the Science Center in the “My Digital World” gallery. Direct phone number is 602-716-2082.

ASC is open daily, 10:30 a.m. – 4:00 p.m., and the ham shack hours are essentially the same, dependent on availability of staff. Our Twitter feed and Face Book page can be accessed at [twitter.com/w7asc\\_arc](https://twitter.com/w7asc_arc) and [facebook.com/W7ASC](https://facebook.com/W7ASC), respectively. We hope to have our web page back up shortly. All licensed amateur radio operators are invited to join us Wednesday and Saturday mornings at 0900 MST for the CARL Net on 440.375 MHz, offset +5.0, tone 100. The repeater is located on South Mountain.

### **Covid-19 Reminder**

While Arizona Science Center remains open daily, restrictions do apply for the safety of visitors and staff. Masks are required and you must reserve a date and time before coming to the center. The number of allowable visitors has been reduced to allow for social distancing. Call 602.716.2028 for more information.

### **All Roads Lead Back Home**

I stole that headline from the August 2021 Kentucky Farm Bureau News. The story beneath it had nothing to do with amateur radio, but halfway into it, I realized it had everything to do with keeping a time-honored institution like Amateur Radio vital and growing.

No, I haven't been sitting too close to my radio antenna. I just realized that, like much of farming, amateur radio is a family business and its vitality and growth rest within the family of operators. As our extended family goes, so goes amateur radio, in its second century. Like family farming, amateur radio has suffered some loss of appeal over the years as other endeavors compete for the leisure time of both licensed hams and potential new hams. Thankfully, more recent events have actually helped to bring lost practitioners back and encourage new entries into the family. All roads lead back home.

*Continued Next Column*

### **CARL Continued from Previous Column**

Some of that regrowth is, indeed, wayward hams returning to the fold. Some is due to the growing prepper mentality – “When all else fails.” Not to be overlooked is the rapid evolution of amateur radio to embrace the digital revolution. We may disagree over what the real driver is, but we'll all take the up-tick in interest and participation. Our strength is in our numbers. Our responsibility is to Elmer those new devotees and mold them into good citizens within our unique community.

And, that brings me to the second headline I stole from the Kentucky Farm Bureau News.

### **Kindness Really Is a Way of Life in Kentucky**

I repeat: I have not been sitting too close to my radio antenna. When my wife and I drive, walk, or pedal around our neighborhood, I wave at just about everybody that passes by. My wife always asks, “Do you know them?” Of course not. This is 2021 and everybody is on their way to somewhere else. But, most of them do wave back. For me, it's just the way I was raised in Kentucky. For the ham community, it's also the way we were raised. We talk to anyone who will listen, anywhere on Earth. “Do we know them?” Of course not, but they're still family and we treat them that way.

And, we extend that courtesy to the many potential new hams we encounter. Don't miss the opportunity to open the door for conversations about amateur radio. At the Harkins Ham Shack in the My Digital World exhibition hall at Arizona Science Center, that can be like shooting fish in a barrel. Our bright and inviting store front catches the attention of just about every visitor to the third floor. Our job is to make eye contact and beckon the more timid visitors to come over and chat. From there, it's pretty easy to determine their starting point for a conversation and move them along the path of considering amateur radio. “When all else fails ...”; “It's a great parent/child activity ...”; “You can get started with minimal expense ...”

How about you? We offer free trials for prospective volunteers. Just call the shack at the number above and set a date for your day at Harkins Ham Shack.

73  
de WB4ZSC Steve  
[vyix99@yahoo.com](mailto:vyix99@yahoo.com)  
480.570.1041

**ADAW**



***National Black Cat Day  
October 22nd***



## Hamfest Calendar

### Hamfest Calendar Continued from Previous Column

2 October 2021 - **TARA Swapfest** - hosted by the Tonto Amateur Radio Association will be held at Rumsey Park in Ramada #5, 400 McLane Road in Payson. Hours are 9:00 AM until 12:00 Noon. A BBQ/Potluck will be held after close. VE Exams will be held. Table fee: \$5.00. Contact Hal Key, KG5LVG at 480.225.5987 or email to [hkey073@gmail.com](mailto:hkey073@gmail.com) for more information.

9 October 2021 - **OctoberFest** - hosted by the Scottsdale Amateur Radio Club will be held in the Fender Parking Lot (west), 17705 N Pacesetter Way in Scottsdale. Vendors Entrance is at 17700 N Perimeter Drive. Gates open at 7:00 AM - Vendor set up begins at 6:00 AM. NO OVERNIGHT PARKING PERMITTED. Admission is \$5.00. Vendors - \$20.00 for 2 spaces. Raffle prizes and hourly drawings. Refreshments and Snacks available. For more information, visit the web site at [www.scottsdaleARC.org](http://www.scottsdaleARC.org) or [Facebook.com/ScottsdaleARC](https://www.facebook.com/ScottsdaleARC). Questions? Contact Bill Kouchis at [n9eiv@scottsdalearc.org](mailto:n9eiv@scottsdalearc.org) (480.331.1370) or Ray Vasquez at [k4rmv@scottsdalearc.org](mailto:k4rmv@scottsdalearc.org) (602.363.4207). NO GUNS - NO DRUGS - NO ALCOHOL.

9 October 2021 - **Arizona QSO Party** - sponsored by the Amateur Radio Council of Arizona and the American Radio Relay League. Objective - AZ stations work everyone - Non-AZ stations work only AZ stations. Multiple entry categories. For more information, see the flyer included with this month's ADAW or visit the web site at [www.AZQRP.org](http://www.AZQRP.org).

16 October 2021 - **Amateur Radio Tailgate ShowLow** - presented by Rick Gurk, W8YBM and Dennis Mills, WA7ZZT will be held at the ShowLow Masonic White River Lodge #62, 741 E Whipple Street in ShowLow. \$10.00 per Tailgate Space. Free Walk-In. Free VE Testing at 9:00 AM. Food & Drink Available from 6:00-8:00 AM. Talk-In 146.76. Contact [w8ybm18@gmail.com](mailto:w8ybm18@gmail.com) for more information

30 October 2021 - **Copafest** - hosted by the Maricopa Amateur Radio Club will be held at Ak-Chin Circle, 16000 N Maricopa Rd 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, Vendor Exhibits, MESH Network Demo, Prizes and more. For information, email [fest@copafest.org](mailto:fest@copafest.org) or visit the website at [www.copafest.org](http://www.copafest.org).

6 November 2021 - **HARKfest** - hosted by the Hassayampa Amateur Radio Klub will be held at North Ranch Escapees RV Park, 30625 S Hwy 89 in Congress. (GPS: 34 06.292, 112 49.880) Mile Marker 263.8 Free Admission - Free Tailgate Sites & Vendor Sites (Pre-Registration Required - email to [djgrooms@yahoo.com](mailto:djgrooms@yahoo.com)). Overnight Full RV hook-up & dry camping - Register with North Ranch Escapees ([northranch@escapees.com](mailto:northranch@escapees.com)). Testing via LARC VE Testing - Must Pre-Register (email to: [cecarter39@yahoo.com](mailto:cecarter39@yahoo.com)). Prizes - ARRL Card Checking. Visit Web Site: [harkaz.org](http://harkaz.org). For more information, email Duane Grooms, KD0KYK - [djgrooms@yahoo.com](mailto:djgrooms@yahoo.com).

13 November 2021 - **Tucson Hamfest** - hosted by the Oro Valley Amateur Radio Club will be held at Marana Middle School, 11285 West Grier Rd in Marana. Gates open at 7:00 AM, closes at 1:00 PM. Admission is \$5.00 which includes a bottle of water. Children under 12 with a paid adult and students with any Arizona school ID are free. Sellers spaces are \$10.00 per space and includes seller's admission. Indoor VE Session with pre-registration preferred, but not required. Send an email to pre-register (email [licensing@tucsonhamradio.org](mailto:licensing@tucsonhamradio.org)). Interesting Seminars - ARRL Card Checking and LOTW Assistance at ARRL Booth - Food Truck for Breakfast and Lunch. Contact [hamfest@tucsonhamradio.org](mailto:hamfest@tucsonhamradio.org) for more information. Visit the website at [www.tucsonhamradio.org](http://www.tucsonhamradio.org).

13 November 2021 - **AMO Adventure Game** - presented by the Arizona Mesh Organization. Start location is at 3130 E Southern Avenue in Mesa. Hours are 7:00 AM - 2:00 PM. Check-In at 7:00 AM with Doughnuts and Coffee available for purchase. Pre-registration is required. \$20.00 per person. Visit <https://adventure.arizonamesh.org> for all the details.

4 December 2021 - **Superstition Superfest** - hosted by the Superstition Amateur Radio Club will be held at Superstition Springs Center, 6555 E Southern Ave in Mesa. Hours are 7:00 AM to 3:00 PM. Prizes, Special Event Station, GOTA Station, Fox Hunts. Talk-In Frequencies 147.120 (+) 162.2 Hz and 449.600 (-) 100.0 Hz. Email [info@superstitionsuperfest.org](mailto:info@superstitionsuperfest.org) for more information and visit the web site for the latest details - [superstitionsuperfest.org](http://superstitionsuperfest.org).

15 January 2022 - **Thunderbird Hamfest** - hosted by the Thunderbird Amateur Radio Club will be held at the Glendale Nazarene Church, 5902 W Cactus Road, Glendale. Hours are 8:00 AM until Noon. General Admission - \$5.00 per person. Kids under 12 are free. Tailgating/Commercial Vendor spaces are \$10.00 per lined parking spot. Set up begins Friday after 5:00 PM and Saturday after 6:00 AM. VE Testing from 10:00 AM until 11:00 AM. Prizes - ARRL Card Checking - Seminars - Snack & Beverages. Talk-In Repeater - 147.040 MHz PL 162.2 - On-Site announcements - 146.56 MHz Simplex. For questions, email [hamfest@w7tbc.org](mailto:hamfest@w7tbc.org). Visit website at <http://www.tbirdfest.org> for the latest information.

18-19 February 2022 - **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](http://www.yumahamfest.org) for up to date information.

16 April 2022 - **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, Phoenix. Watch for details.

ADAW

Continued Next Column



### ***TBARC Continued from Previous Column***

in touch with: [k7hi@w7tbc.org](mailto:k7hi@w7tbc.org). Or perhaps you've got something to present at the hamfest? If so, get in touch with Rick at [hamfest@w7tbc.org](mailto:hamfest@w7tbc.org). Why not do both? Let others know what facet of ham radio you like best!

### **The hamfest is coming up!**

Speaking of the hamfest, things are moving - if you don't have it marked on your calendar already, make sure you've got Saturday, January 15, 2022 open! We'll see you at the Glendale Nazarene Church, 5902 W. Cactus Road in Glendale. We'll need volunteers for the day before (Friday) for set up, and Saturday for parking, admission, club sales ... lots of things, and you're going to be great at it! If you're still on the fence, get in touch with Rick at [hamfest@w7tbc.org](mailto:hamfest@w7tbc.org) and he'll find a spot for you! As usual, watch [www.tbirdfest.org](http://www.tbirdfest.org) for news and updates.

### **October meeting**

We've got an exciting meeting for you again this October. The meeting will again be hybrid: in person at Arizona Christian University, or online with Zoom. Club member Ruben Kafenbaum WA2NBL will be talking about his "Go Kit Box" - always a fun topic, and one that always makes me think I need just one more thing in mine! The conference URL and details are on the TBARC website, [w7tbc.org](http://w7tbc.org). Join us and share the learning and conversation - in person at 59th Avenue and Greenway Road, or at the Zoom virtual meeting - it's your choice! Either way, we'll see you at the meeting!

Andrew Cornwall KF7CCC

[kf7ccc@arrl.net](mailto:kf7ccc@arrl.net)

### **Tim Duffy K3LR in January**

Club members know how amazingly Israel Vicente has held things together over the pandemic, finding presenters from seemingly nowhere. I'm not sure how he did it, but he managed to get Tim Duffy K3LR to talk with us at via Zoom at our January 20, 2022 meeting. Be there to learn about "Grounding and Bonding" from the CEO of DX Engineering, the leader of a superstar multi-multi contest team and the builder of perhaps the biggest of the "big gun" stations!

### **Silent Key Committee**

Charlie has had a number of family members reach out to him recently to talk about what to do now that their ham relative has passed away. To accommodate them and help them through the difficult time, he's instituted a Silent Key committee that can order flowers, provide options for antenna removal, and generally help those who have recently suffered a loss. Mike Baker has agreed to lead the committee. He's got experience with deciding what ham equipment can be sold and what should be donated. However, we need a single point of contact for families who can keep things in order for them. If you're helpful, empathetic, and comfortable talking with the recently bereaved, you might find your calling here. Get in touch with Charlie ([president@w7tbc.org](mailto:president@w7tbc.org)) if this is something you'd be interested in.

### **Are you missing a badge?**

There are still a number of TBARC badges out there that aren't attached to their hams yet. If you purchased a badge and haven't seen it yet, odds are good that we still have it. We've attempted to make contact with everyone who's on the roster - and if we haven't heard from you, it must mean we have the wrong address. Let's solve two problems at once: we'll correct your address and get your badge to you at the same time! Send an email with your callsign to [president@w7tbc.org](mailto:president@w7tbc.org) and we'll get things straightened out!

### **Do you have a presentation in you?**

Can you see yourself in Tim Duffy's place? You might not want to move to Pennsylvania, but you can definitely present at TBARC! Perhaps you'd like to share your interest with your fellow hams at a TBARC meeting. If so, Israel is the one to get

**ADAW**



**National Taco Day  
October 4th**

*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.

**IMPORTANT NOTICE: In light of the current situation with the COVID-19 virus, please call to verify whether test session will be held.**

### October Test Sessions

**Oct 2nd** - Tonto ARC -- 7:00 AM

Rumsey Park Ramada 5, 400 N McLane Rd, Payson, AZ  
Contact - Darde De Roulhac 928.468.1487

**Oct 2nd** - K7ARC VE Team -- 10:00 AM

American Red Cross, 4747 N 22nd St, Phoenix  
Contact - Brandi Bridges k7arc.ve@gmail.com  
No Walk-Ins / Register or Call Ahead

**Oct 2nd** - Yavapai ARC -- 9:00 AM

Jeep Posse Bldg in Pioneer Park, 1200 Commerce Dr, Prescott  
Contact - Donald Bauer 928.775.4690  
Pre-Register online: [www.w7yrc.org](http://www.w7yrc.org)

**Oct 4th** - WVARC -- 6:00 PM

Shepherd of the Desert Lutheran Church - Walton Hall,  
11025 N 111th Ave, Sun City  
Contact - David Morrill 623.680.5011  
No Walk-Ins / Register or Call Ahead

**Oct 5th** - Oro Valley ARC -- 6:00 PM

Town of Marana Community Room, 5100 W Ina Rd, Tucson  
Contact - David Beauchesne 520.639.8626  
No Walk-Ins / Register or Call Ahead

**Oct 9th, 16th, 23rd, 30th** - NOMADS -- 10:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa  
Call or email team to schedule a test / on demand testing  
Contact - Robert Bingham 480.404.1408  
No Walk-Ins / Register or Call Ahead

**Oct 11th** - East Valley VE Group -- 6:00 PM

Charles K Luster Bldg, 640 Mesa Dr, Mesa  
Contact - Ray Vasquez 602.363.4207  
MUST obtain FRN prior to exam  
**FACEMASKSAREREQUIRED**

**Oct 11th** - Radio Society of Tucson -- 7:00 PM

Immanuel Presbyterian Church, 9252 E 22nd St, Tucson  
Contact - Diane Zimmerman dzimmerman2002@gmail.com

**Oct 16th** - Northern AZ DX Association -- 10:00 AM

Flagstaff Fire Station #6, 3877 S Lake Mary Rd, Flagstaff  
Contact - Michael Hanks 928.606.4437  
No Walk-Ins / Register or Call Ahead

**Oct 10th** - Hualapai ARC -- 10:00 AM

VE's Residence, 3571 E Lum Ave, Kingman  
Contact - Alyce Ingle 425.231.9173

**Oct 16th** - West Valley Electronic Club -- 9:00 AM

The Shack, 11115 W Nevada Ave (111th & Nevada), Youngtown  
Bring FRN, pencil & pen, and \$15.00  
Contact - David Morrill 623.680.5011  
No Walk-Ins / Register or Call Ahead / Limited Seating

**Oct 19th** - Hassayampa AR Klub -- 2:00 PM

Home, 30645 S Wandering Way, Escapes North Ranch, Congress  
Contact - Charles Carter 316.651.7710  
No Walk-Ins / Register or Call Ahead

**Oct 19th** - Boy Scout Troop 127 -- 8:00 PM

St Francis Xavier Church - Anderson Hall,  
4715 N Central Ave, Phoenix  
Contact - John Kelly 480.823.8993

**Oct 20th** - Thunderbird ARC -- 6:00 PM

<https://www.ve@w7tbc.org> - See Website for Location  
Contact - Walter Reinert 602.668.7804  
No Walk-Ins / Register or Call Ahead

**Oct 30th** - Arizona ARC -- 10:00 AM

American Red Cross, 4747 N 22nd St, Phoenix  
Contact - Gary Hamman 602.996.8148  
No Walk-Ins / Register or Call Ahead  
Pre-Register Required by the Thursday before  
**FACEMASKSAREREQUIRED**







The Arizona Outlaws Contest Club held our annual Roundup on Saturday, August 28. This was a virtual meeting again this year and was well attended. My thanks go to Virgil for offering to host the meeting via his Zoom account.

Tim N6WIN gave an outstanding presentation of his recent superstation upgrades and Mike KC7V presented “Contesting 101” as a reminder of some of the contesting basics.

The AOCC Roundup recording has been published at <https://youtu.be/k5p5A8cuguc>

Watch the entire presentation or check the video description where I entered chapters so you can jump to specific meeting segments.

#### AOCC Virtual Roundup Agenda via Zoom

- 0:00 Eyeball QSO time before the meeting starts
- 30:12 Welcome comments and self introductions
- 58:25 Presentation by Tim N6WIN - an update to station architecture
- 1:40:35 Presentation by Mike KC7V - Contesting basics
- 2:03:05 AOCC 2020-2021 Accomplishments
- 2:12:26 Ladder Plaque Awards by K8IA
- 2:33:45 Bill Clark K6WSC Arizona QSO Party
- 2:39:12 Upcoming Contest Season Discussion, Question and Wrap up and end meeting

Congratulations to all our Ladder Winners

PARTICIPATION	OVERALL	SSB
N9NA 44	KC7V 8,680	W4IX 3,000
KC7V 33	N7GP 6,338	N7GP 2,224
AA7V 31	W4IX 6,107	KC7V 2,084
CW	DIGITAL	LOW POWER
KC7V 5,136	N7TY 3,386	N7GP 2,018
AA7A 3,817	N7GP 2,315	N7TY 1,740
WA7LW 2,961	N7GP 2,315	K6WDC 1,596
QRP	SB160	SB80
AA7V 250	KC7V 2,104	K7HP 150
KE6K 189	AA7A 1,300	N6SS 64
N6HI 140	N7GP 1,042	KW7MM 40

*Continued Next Column*

#### AOCC Continued from Previous Column

SB40	SB20	SB15
N6SS 231	N7RQ 500	N6SS 116
K7NJ 65	K2SS 336	W7ZR 57
K9DR 42	AA7V 181	N7RQ 56
SB10	VHF/UHF	DX
N6SS 807	KW7MM 1,000	W4IX 3,586
N7GP 375	N7CW 545	KC7V 2,318
AA7A 367	N7GP 500	AA7V 2,101
DOMESTIC	RESTRICTED	
N7GP 3,416	N6HI 140	
KC7V 3,016		
AA7V 2,820		

Make sure you are prepared for the end of the month CQWW SSB Contest (Oct 30/31). Now is the time to make repairs to your station as we head into the heart of the contesting season. As a reminder, you can find contest dates and links to rules by looking at [www.contestcalendar.com](http://www.contestcalendar.com)

Contest Tip this month – Maximize your mults by knowing who is planning to be on the bands. Go here to look for major contests - <https://www.ng3k.com/>

Our members include elite contesters who have operated from many DXCC entities around the globe as well as beginners wanting to learn more and who may submit a score of only a few QSOs. We encourage all stations, big or small, to get on in ham contests and make contacts. There are excellent resources among club members and on our club website for contesting help.

We welcome all who wish to join the ham contesting/radiosport world.

**ADAW**



**Columbus Day  
October 11**



History corner – A few interesting things in Radio history

Oct 1975 – ARA board raised dues from \$12 to \$15

Oct 1977 – Arizona Repeater Association 10 year anniversary

Oct 1980 – ARA holds a swapfest at South Mountain Park Oct 26th

Oct 1983 – ARA work party finished install of 450 repeater @ Mt Ord Oct 9th

Sep 1985 – Maricopa County 911 became operational September 9, 1985

Sep 1988 – Smith Peak repeater installed and placed on the air September 24, 1988

Oct 1989 – Tx Hunt held at 19:00 being found at the top of the hill in Squaw Peak Park

Oct 1989 – Palo Verde 6th year siren test held with 55 Ham Radio operators participating

Sep 1990 – Gov. Rose Mofford signs proclamation for Amateur Radio Awareness Day

Sep 1991 – John K7LKL recommended adopting 162.5Hz as 2M PL for ARA repeaters

Sep 1992 – Mt Ord 92 repeater takes a lightning hit. Autopatch and receiver damaged

Oct 1993 – Forest Service disapproves proposed location of new tower @ Mt Ord

Sep 1994 – Mt Ord 92 repeater lightning hit required replacement of multiple items.

Oct 1994 – ARA is official a 501(c)3 club

Oct 1995 – Barney, KB7KOE reports the ARA has 1176 members

Oct 2004 – ARA is supporting more than 50 radios between eight different sites.

Greetings,

The Maricopa Amateur Radio Association is pleased to announce the return of CopaFest on October 30, 2021. The event will be held starting at 7:00AM at the Ak-Chin Circle Entertainment Center located at 16000 N. Maricopa Rd., Maricopa, AZ.

This year's event will include the following:

- Fox Hunt
- VE Testing
- AMSAT Demo
- ANSR Balloon Launch
- MESH Network Demo

Tailgating is available for \$10 which includes two parking spaces

You can find current information at [www.CopaFest.org](http://www.CopaFest.org). Here you can also reserve your tailgating spot and purchase raffle tickets online. Please forward this information to your club members and we hope to see you all there.

Feel free to contact me with any questions.

Thank You,  
Glenn Cline KG2LF  
Chairman 2021 CopaFest

ADAW



October 16th

## For Sale / Wanted



**LOOK!  
Great Deals!**

## For Sale

**For Sale - "The Dominator"** 6 meter, 5/8 wave vertical antenna. Made like a tank in Italy by SIRIO. Is in perfect condition in Tucson. \$100.00

Contact Richard Bruns, K7VQ at [d\\_brunz27@yahoo.com](mailto:d_brunz27@yahoo.com)

### 11.0/13.5 KW 120/240 V Predator Generator

Looks and runs like new. Electric start with 12V battery and charger. Purchased 8/3/16, has 37 hours total run time. Comes with Manual, complete maintenance log, 90' 50-A cable, and dual 6' loading ramps. \$1800.00 Contact: Dave West K9JKN at [WestDL@aol.com](mailto:WestDL@aol.com) or 480.641.1480.

**70CM Yagi** - 70 CM Yagi, KLM model 440-16X. Gain 14.0 dBd, Broadbanded 420-450 MHz. Boom length - 10 ft, 3 in. \$50 including manual. Contact Erik Basilier K7TV at [ebasilier@cox.net](mailto:ebasilier@cox.net)

**Cleaning out 50 year collection** of ham related parts, connectors, ICs, cables, antennas, poles, and such, all on a "make offer" basis. Contact Bill, W7JSW at [hoskingb@cox.net](mailto:hoskingb@cox.net) to arrange a meeting.

**Ham Home For Sale** - This beautiful home in Sun City West is perfect for amateur radio. The house features one very large bedroom, 1 and 1/2 bath, plus a large radio room. There is also a free standing one bedroom guest house with a kitchenette and bathroom. A 140 foot Glenn Martin tower with a 6 foot concrete base, a C-3 Force 12 rotating beam with hazer to crank down to roof level is included. House was built in 1989 in a Del Webb designated area for antennas.

Contact Flora Rutledge, WA0AAM at 623.975.0023 for more information.

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](mailto:kjenkins5623@gmail.com) or Jim Seay, WB7RBN at [wb7rbn@arrl.com](mailto:w7rbn@arrl.com).



A Special Event Call Sign is an amateur station temporary call sign with a one-by-one format that may be assigned to stations operating in conjunction with short-term events of significance to the amateur community. The Northern Arizona DX Association operated three stations in the Flagstaff area on old Route 66 for about a week as part of the Route 66 On the Air event. During the event, amateur radio stations operated from one end of old US66 (W6A at Santa Monica) to the other end of the route in Chicago. One station used the Northern Arizona DX Association's communications trailer that was made from a previous ARCA trailer.

Our own Ingrid Geissler, W7ISG, was one of the operators using the special event call W6T at Bellemont (near Flagstaff). She made hundreds of contacts during the event. Well done, Ingrid!



*NADXA Trailer - W6T, Bellmont, AZ*



*W6T Route 66 Operators*



## Route 66 On The Air 2021 W6T Rover #2

It sure gets warm in Phoenix in the summer, and it was time to get out of town again in the middle of August. We headed north and returned to the old stomping grounds at Fort Tuthill, south of Flagstaff, and stayed there several nights relishing in fond memories of hamfests in the past.

We were delighted with the opportunity to have breakfast with a few hams of the Northern Arizona DX Association (NADXA). “Miz Zip’s” right on Route 66 seemed to be the perfect place to get together. It is the restaurant where our friends Diane, K7TNX, and Bill, K7ANT (SK), celebrated their Anniversary every year as it coincided with the Fort Tuthill Hamfest.

It did not take long until we talked about the upcoming Route 66 On The Air Special Event since NADXA initiated this famous yearly affair to commemorate the 75th Anniversary of “The Mother Road” in 2001. Needless to say, we immediately played with the thought to participate. After a few email exchanges, we felt very welcome and made plans to drive up to the Flagstaff area once more. We found directions and instructions on QRZ.COM for W6T, Rover #2, and ended up about two miles west of Belmont, AZ, on “Old Route 66.” We were able to park our pickup camper in such a way that we literally stepped on the legendary Red Pavement when we got out of our door. It cannot get any better than that; a dream came true for us Route 66 fans.

We had read and heard about the communications trailer that NADXA had acquired from ARCA, but we were more than surprised to see a jewel of Hamshack on wheels. It is furnished with three transceivers. One is running FT8, one uses a tribander typically, and the third wire antennas (Dipoles, Endfed Antennas), a fabulous setup.

We sent a text message to Brigitte, DL3VEL, who is part of our ham group in the Ore Mountains of Germany to share our excitement, and sure enough, it did not take long until her husband’s callsign, DL3VDL, showed up over here on the screen.

While Cheryl, KJ7YHE, and Bob, NF7E, were on 20m, K5APL responded to Cheryl’s call, and as the logging program populated the “Name” field, the operator name “Wesley Bolin” came up. Bob grabbed the microphone and told Wesley that we once had a Wesley Bolin as Governor here in Arizona and asked him if he possibly was related. He said, “Yes, that was my Dad!” Bob was overjoyed to hear that as he treasures a photo of himself with the Governor at a ribbon-cutting ceremony when one of Bob’s stores had a grand opening.

This led to a fascinating, nostalgic conversation. Ron, KG7OH, told us that Jack, NT7MM, another NADXA member and architect, once designed part of Wesley Bolin

### Route 66 Continued from Previous Column

Memorial Plaza at the Capitol in Phoenix. What an interesting coincidence and QSO!

Ingrid, W7ISG, prefers phone operation, and she didn’t need to be asked twice to get to one of the operating positions right away. It was great to hear so many familiar voices out there sharing our enthusiasm for the special event, and Ingrid ended up logging close to 500 QSOs.

One incentive to get involved is to work all 22 participating stations using the 1X1 call signs along Route 66 from Chicago, Illinois to Santa Monica, California, for a “clean sweep.” This is a tempting challenge that made us put up our own antennas at the camper to snag a few of the W6A through W6V stations in locations that songwriter Bobby Troup included in the popular song “Get Your Kicks On Route 66.”

On the day Rover #2 moved to Parks, AZ, further west, we had to return home because of other commitments. This did not keep us from staying in touch with our newfound friends, though. We quickly built a 75m Inverted Vee, and as soon as it was suspended from the tower, we worked Mike, AG7XQ, the current President of the NADXA.

With a big thank-you to everyone that is making this fun and exciting event possible year after year.

Ingrid, W7ISG, and Reinhard, K7RGG

Ingrid & Reinhard Geissler  
DL1UF@CompuServe.com



*Continued Next Column*



## *Superstition Continued from Previous Column*

### **No President's Corner this month**

There was no President's Corner for September, which I place in the following month's ADAW. In its place, I have written some club history.

– Club's Communicator newsletter for September

### **UPCOMING: Nominations in October, Elections in November**

The club uses Survey Monkey from September forward to collect nominations online and voting takes place in November by logging onto HamClubOnline.com. Within half an hour after voting closes, the website tallies the election results. This process provides members-only access to the voting booth. Thanks Dale, N7QJK for this information update.

Meetings are open to anyone with an interest in amateur radio. Our October meeting is Tuesday, October 19, 2021, at 7:00 PM (2100). The side door by the main entrance of the Charles K. Luster Building opens at 6:30 PM.

The ZOOM teleconference link opens at 6:00 PM for those who want to participate online. Please email [President@SuperstitionARC.org](mailto:President@SuperstitionARC.org) a day in advance for the link. Members should already be on the club email list.

### **Superstition SuperFest Saturday, December 4, new location**

The 2021 Superstition SuperFest is located at the Superstition Springs shopping center off US 60 and Power Road, Exit 188 in eastern Mesa. Please look for our flyer and check with [superstitionsuperfest.org](http://superstitionsuperfest.org) for more info.



### **August Meeting Raffle Winner**

Congratulations to our August meeting raffle winner, Dan, W7TWR.

Dan is now the proud owner of an Alinco DJ-G7 tri-band handheld transceiver. This radio covers the 2 meter, 70 cm, and 1.2 GHz bands.

– Club's Communicator newsletter for September

### **Club Camp-Out**

Our next club event will be our club camp-out in October. We will be out at Utery Mountain Park at the same place we had the Club picnic. It should be nice and cool by then and we should be able to have a campfire where we will all hang out and tell lies.

This is a new club event and we hope to have a lot of you there, and even if you don't stay all night, we hope everyone comes out for the lunch. Stay tuned to the radio and your emails for details.

### **Superstition ARC Club History** - Larry, WB7C

My days with the club began in March 1976, at the age of 23. A member heard me locally on HF and invited me to the Superstition ARC meeting coming up on the third Wednesday of March. The club met in an Apache Junction High School classroom.

Bill Falk, K7WJF was the President, and Jerry Navarre, WA7RDC was VP. Bill drew schematics on the chalkboard and discussed circuits, such as the Hartley and Colpitts oscillators. These circuits had to be identified by examinees for an amateur radio license. At one time, test takers had to draw the schematics!

He also promoted message traffic handling. Bill set up a club booth on a street corner, taking messages from the public that could be relayed via ham radio and delivered to relatives or friends across the country.

### **EARLY YEARS**

During my time as editor of the newsletter, I came across the 1974 meeting notice postcard mailed by the Secretary. When I joined in 1976, the newsletter was being produced by President Bill Falk on a hand-cranked mimeograph machine.

In mimeograph work, the editor types the newsletter onto stencil sheets instead of paper. The stencil's raised letters will then be inked and pressed against a sheet of paper to produce a copy of the news page. The stencil is attached to the roller, which is then turned to roll the stencil through the ink bath, then to roll against paper being inserted into the paper feed. Out comes one copy after another.

Mimeograph ink can be a mess to work with. It stains the skin, and is hard to wash off. It can ruin clothes with permanent stains. Photocopying became the go-to technology for reproducing a couple dozen, or more, newsletters.

In circa 1977, the FCC had done away with special rules for licensing of repeaters. The club started the 147.12 repeater and applied for a club license from the FCC.

We received WB7TJD, which I dubbed, "We bought 7 Tasty Jelly Doughnuts." Proper phonetics today would call for "Whiskey Bravo 7 Tango Juliet Delta." But it was fitting because we served doughnuts at our meetings.

On July 8, 1978, the Superstition Amateur Radio Club filed with Arizona's Corporation Commission for Incorporation. We were building a repeater home for our 147.12 WB7TJD/ Repeater. Incorporation protects the membership from being individually liable for damages if someone is hurt while working

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on a club project.

**SERVING THE EAST VALLEY SINCE 1973**

I like to stay on the side of caution when I don't know something. The year, 1973, has been floated around the club for decades as when the club was begun. In 1998, when I was editor of the Communicator newsletter, a 25th Anniversary banner adorned the cover of each issue throughout the year.

I recently asked Jerry, WA7RDC, our living co-founder for input on this topic.

“(The late) Wayne Schweikert, K2RUW and I co-founded the club in either 1972 or 1973; I don't remember the year, but for sure, the club was here in 1973.” That is as good an answer as I can get these days, because we have no founding paperwork. But, we know from Jerry's words, that the club has been here at least since 1973. We have no certainty about 1972.

**CLUB MEETING LOCATIONS OVER THE YEARS**

The club's first years were in Apache Junction, but when we left the Apache Junction schools, we began a migration westward into various locations in Mesa. They include the Lutheran church at 96th Street and Brown Rd, the Methodist Church on 56th Street and Main in 1999, the basement of the Mesa Community College Clock Tower and RadioShack.com on Country Club and Southern. As well, we had the Mesa Utilities Office on Decatur Street, east of Power Road and our current location at the Charles K Luster Building.

Now, of course, because of COVID 19, since Marh 2020, our meetings were held exclusively online. The club returned in person meetings in June and July, 2021, at the Greek Orthodox church in Chandler. In September 2021, our meetings returned to the Charles K. Luster Building in Mesa.

With all of these locations, the club has definitely served the East Valley since its start. As far as I know, Jerry, WA7RDC is the only living soul from that era, and I didn't know of the club until three years later.

**A CLUB MEETING IN 1999 FEATURING LEW McCOY, WIICP**

I will never forget this meeting, in the 56th Street church. I believe Lew McCoy was editor of CQ Magazine at the time. We had 99 in attendance.

WIICP told a story of loading up a kW amplifier into a short antenna on 75 meters. His wife interrupted him and said that she could hear him in the toilet in the bathroom. He put her on the mic and had to check for himself. Sure enough, there was some RF rectification in the toilet!

“That has got to be fixed,” his wife said.

“NOT UNTIL WE HAVE A PARTY!!” he said, to a roar of laughter.

*Continued Next Column*

I will write more in another column about our first Hamfests, precursors to today's SuperFest; our first Field Day in 1991 on Four Peaks; and our involvement in hospital drills and emergencies.

Club publication Article Submission deadlines:

ADAW: Please submit information to this column by the 5th of this month, for next month's issue, to [Editor@us60.us](mailto:Editor@us60.us). ADAW will publish later this month. I also check my club email address for information at [WB7C@SuperstitionARC.org](mailto:WB7C@SuperstitionARC.org) before I start pulling this column together.

Communicator: Please submit articles by the 27th of this month, for next month's issue, to [Editor@SuperstitionARC.org](mailto:Editor@SuperstitionARC.org). Communicator will publish to club members early next month.

73 – Larry Kuck, WB7C for Superstition ARC's part of this ADAW.

**Superstition ARC Repeaters**

- 147.120 MHz(+) 162.2Hz - Linked to 449.600(-)(Analog Only)
- 449.600 MHz(-) 100.0Hz - Linked to 147.120(+)(Analog Only)
- 448.275 MHz(-) 100.0 Hz - Fusion
- WB7TJD-L Echolink Node

**Club Nets**

- Morning Drive Time Net: Mon-Fri, 7:00-8:00 AM - Trivia
- Saturday Supershow: Sat, 8:00-9:00 AM - Trivia
- Weekly 6 Meter Sideband Net: Wednesdays, 7:00 PM on 50.140MHz, 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
- Fusion Confusion: Monday & Friday, 8:00 PM - 448.275
- 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](http://www.superstitionsuperfest.org) for the latest information.

**National Cat Day  
October 29**







Howdy, from the Kachina Amateur Radio Club! After rolling in clover, we find ourselves in October!

October is here, and the air is cooling and the airwaves are changing as well. The autumn colors are showing everywhere. We are still busy working with family and friends, or visiting with them and neighbors, lending a helping hand, and of course, talking about Ham Radio as the work day progresses! We work hard to get things done so we can make it to the vehicle or through the door to home in time to check in with our local Green's Peak Repeater Net. We have a great group to visit with up here. Give us a shout when you may be in the area, someone is always willing to say hello!

All around up here, there have been so many apples hitting the ground, one thud at a time. Children, and cats alike, playing in the trees has helped speed up that process, with the wind getting its good measure in, too! The apples have been so abundant! We have had our County Fairs as well that seemed to go well, and many smiles on people's faces as they viewed the exhibits and enjoyed the Carnival lights and Fair food!

We have enjoyed the Green's Peak Repeater working well. During the winter time, ice, wind and moisture can give the repeater grief, so far so good this summer! It is nice for those new Hams to get on the air and get to making those Contacts with a repeater that is up and running. We have some studious people up here, studying for their license upgrade for the next Testing Session, while others are planning out their antenna upgrades.

Well folks, the summer has flown by and disappeared quickly like snow cones in a crowd of children playing in 100 degree weather! Keep your Radios and Antennas tuned up and throw out your callsign like you're pitching in the World Series, to see who can get a homer off of it for a contact!

Take care and be well,  
Tara KI7LKLJ

ADAW



### Monthly Update

We are continuing in-person club meetings. The regular club meeting is held the second Saturday of the month at 9:00 AM. The meeting location from September on will be at the Chandler Tri-City Baptist Church. The church is located at the SW corner of Germann and S. Dobson roads. The church has rooms in the back, and that is where we will be located. Watch for temporary signage to direct you to the correct location. These in-person meetings are a welcome change for all, and we hope that they will continue. We are going to try a hybrid meeting again with both in-person and Zoom. We will see how it goes at the new venue. As always, check our website [chandlerhams.org](http://chandlerhams.org) for additional information. After the regular meeting, a presentation of interest to Hams will take place.

Our Thursday evening net continues at 8:00 PM. It is located on 443.050 MHz, + offset, and with a PL tone of 100. Thanks to MARCA for the use of their repeater which is located on South Mountain. Please 'check in' and see what it is all about.

Our new website continues to improve with a great new look. You will find links to our meetings and the calendar gives other events as well. Please check it out! We have added information about upcoming Hamfests, including some we will be participating in. Copafest will be our first involvement this year on October 30th.

VE testing continues at the Tri-City Baptist Church in Chandler at 10:00 AM on the first Saturday of the month. We are proud to say that we have continued the testing throughout the pandemic. Now we are able to increase the number of applicants due to changes in the building limits and additional test personnel. Please check our website for registration. Contact information is also given in this newsletter, and on the ARRL website. Slots are still booking fast, but we do have access to an additional room going forward. So check it out as need be.

Mike – AA0MR  
President CHRC

ADAW



## *CADXA Continued from Previous Column*

3r3ygdLWxsGcqV2A

CADXA has several year-long on-the-air activities set up similar to CQ's DX Marathon. This allows members to track their progress working DX against other members. It encourages working the common ones again every year in between chasing the really rare DX entities. Also, someone with a smaller station working lots of casual QSOs might beat out a DXCC Honor Roll guy with a KW and a ton of aluminum in the air. Tune in to our meeting to see this month's status! Our repeater is back on the air in Mesa with callsign K5VT/R at 147.32+ with 123.0 PL.

CADXA will activate the Late Senator Barry Goldwater's K7UGA callsign as a special event during one week in October culminating in the AZ QSO Party on 9-Oct. A special certificate will be available, see <https://www.azqp.org/>.

Due to the ongoing situation with COVID-19, the upcoming meeting will be held virtually using Zoom. **The meeting will be Thursday night, October 7th starting at 7:00 p.m. (0200Z).** If any of you reading this would like to join via Zoom, or would like any other information about CADXA, send me an email: [aa4q@arrl.net](mailto:aa4q@arrl.net).

Also, if you read about this in ADAW after the meeting date, check our website <https://www.cadxa.org/> for the upcoming meeting info!

In this day and age, clubs may be looking for socially distanced speakers. At CADXA, many of our members have presentations on the world of DXing, QSLing, Contesting, Station Construction and related subjects ready to present to your club. We know how to present via programs like Zoom. Contact us through our website <https://www.cadxa.org/contact.html> or email us at [cadxainfo@gmail.com](mailto:cadxainfo@gmail.com) or me at [aa4q@arrl.net](mailto:aa4q@arrl.net) for details.

See you all on Zoom for the next meeting.

**The October 2021 program will be:  
"Low Band Receive Antennas"  
Presented by Gary Sutcliffe, W9XT**

73,  
Bill Poole, AA4Q  
CADXA President 2021  
[aa4q@arrl.net](mailto:aa4q@arrl.net)

Gary Sutcliffe, W9XT, was first licensed in 1970 as WN9FRG, upgrading to Advanced class in 1971, and Extra in 1973. He has held the call sign W9XT since 1977. His interests include DX (#1 Honor Roll, 5BDXCC, 100+ countries confirmed 160-10M), contests and building equipment and antennas.

**ADAW**

A degreed electrical engineer, Gary retired as Director of Electrical Engineering of a product line for a major medical company in 2017. Gary now runs Unified Microsystems ([www.unifiedmicro.com](http://www.unifiedmicro.com)) specializing in amateur radio low band receive antennas, antenna switching, CW keyers, and related products.



He has articles published in QST, QEX and has written the popular ARRL National Contest Journal Contest Tips, Tricks & Techniques column for more than 30 years. He also writes a monthly column on DX, contesting and other operating activities in the Ozaukee Radio Club (WI) newsletter.

Active in many amateur radio organizations, Gary is a Life Member and Technical Specialist at the ARRL, president of the Greater Milwaukee DX Association, president of the Washington County Amateur Radio Club (WI) and is on the board of directors for the Society of Midwest Contesters.

More info on Gary, his station, projects, and other interests is available at [www.w9xt.com](http://www.w9xt.com).

Many of the prior CADXA programs are available for replay at: <https://www.youtube.com/channel/UC9nMKw->

*Continued Next Column*



The next meeting of the Scottsdale Amateur Radio Club will be October 6, 2021 and will be held via Zoom. We also have The club has a weekly net on Tuesday evenings at 7:00 PM local time, on the club repeaters - 147.180 / .780 162.2 HZ PL, and 440.00 / 445.00 100 HZ PL.

Bruce Harmsen KA9EYX has been appointed as Secretary and Alex Caravajal KJ7OFM has been appointed to the Board.

Plans are ongoing for the hamfest October 9th.

Gene K0VN



The Arizona Mesh Organization is proud to present the first annual Adventure Games. With the summer heat winding down and the wonderful fall weather in sight, why not Ham it up? It's time to get outside and have some fun.

The Adventure Games is an event that will challenge your skills of amateur radio, navigation, and puzzle-solving, not to mention a great way to build camaraderie. Teams will have to work together to solve several puzzles as they progress through the course. After completing the challenges, we will meet for a pizza party, mini swap meet, and awards presentation. All participants will receive a W7AMO commemorative keep sake for being one of the first to play the game.

On the 13th of November, participants will meet with the AMO at Countryside Park in Mesa. Coffee and doughnuts will be available for purchase starting at 8:00 AM. Game instruction will start at 8:30. Teams will be made up of six people and at 9:00 AM the first two groups will be released to complete the challenges. Additional groups will be dispatched every five to ten minutes. The adventure is estimated to take approximately one and half hours to complete.

For this first game, any ham radio operator with a VHF/UHF radio, GPS, and smart phone (Android or iPhone) can participate. The GPS requirements for the challenge will not be hyper specific, so you are welcome to use one of the many free GPS programs available on your device. As long as you are able to key in coordinates, how you do so is up to you! You must have transportation, as you will move between several locations during the event. Carpooling is encouraged.

Space will be limited! Head on over to <https://adventure.arizonomesh.org> to sign up. You may register as an individual to be grouped with five other awesome people, or round up five of your buddies and sign up as a team! Tickets are \$20 or \$100 for a team of six. Once again, there is limited availability, so don't delay in registering for the first annual Adventure Games, presented by the Arizona Mesh Organization. We look forward to seeing you on November 13th!

**SARCONSTANTS:**

**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.**



**ADAW**



*United Nations Day  
October 24th*

**ADAW**

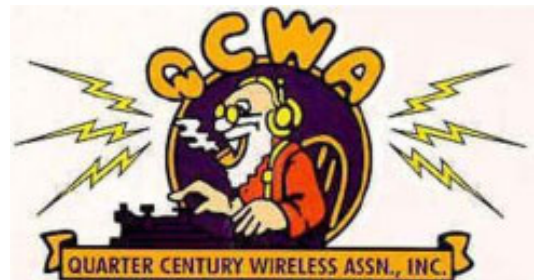


# No Reports Received



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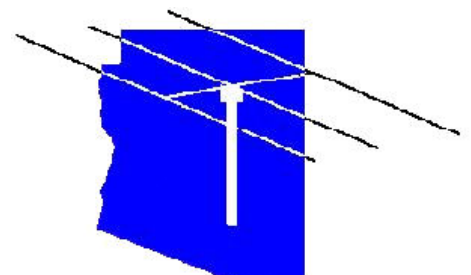
**SHORT SKIP**



CHAPTER 16

BARRY M. GOLDWATER ARIZONA CHAPTER

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



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### FTDX101MP | 200W HF/50MHz Transceiver

• Hybrid SDR Configuration • Unparalleled 79 dB Max. Attenuation VC-Tune • New Generation Scope Display 3DSS • ABL (Active Band Indicator) & MPVD (Multi-Purpose VFO Outer Dial) • PC Remote Control Software to Expand the Operating Range • Includes External Power With Matching Front Speaker



### FT-891 | HF+50 MHz All Mode Mobile Transceiver

Rugged Construction in an Ultra Compact Body • Stable 100 Watt Output with Efficient Dual Internal Fans • 32-Bit IF DSP Provides Effective and Optimized QRM Rejection • Large Dot Matrix LCD Display with Quick Spectrum Scope • USB Port Allows Connection to a PC with a Single Cable • CAT Control, PTT/RTTY Control



### FTM-400XD | 2M/440 Mobile

• Color display-green, blue, orange, purple, gray • GPS/APRS • Packet 1200/9600 bd ready • Spectrum scope • Bluetooth • MicroSD slot • 500 memory per band



### FTDX10 | HF/50MHz 100 W SDR Transceiver

• Narrow Band and Direct Sampling SDR • Down Conversion, 9MHz IF Roofing Filters Produce Excellent Shape Factor • 5" Full-Color Touch Panel w/3D Spectrum Stream • High Speed Auto Antenna Tuner • Microphone Amplifier w/3-Stage Parametric Equalizer • Remote Operation w/optional LAN Unit (SCU-LAN10)



### FTM-300DR | C4FM/FM 144/430MHz Dual Band

• 50W Reliable Output Power • Real Dual Band Operation (V+V, U+U, V+U, U+V) • 2-inch High-Res Full Color TFT Display • Band Scope • Built-in Bluetooth • WIFES-X Portable Digital Node/Fixed Node with HRI-200



### FT-70DR C4FM/FM 144/430MHz Xcvr

• System Fusion Compatible • Large Front Speaker delivers 700 mW of Loud Audio Output • Automatic Mode Select detects C4FM or Fm Analog and Switches Accordingly • Huge 1,105 Channel Memory Capacity • External DC Jack for DC Supply and Battery Charging



### FT-991A | HF/VHF/UHF All Mode Transceiver

Real-time Spectrum Scope with Automatic Scope Control • Multi-color waterfall display • State of the art 32-bit Digital Signal Processing System • 3kHz Roofing Filter for enhanced performance • 3.5 Inch Full Color TFT USB Capable • Internal Automatic Antenna Tuner • High Accuracy TCXO



### FT-2980R | Heavy-Duty 80W 2M FM Transceiver

• Massive heatsink guarantees 80 watts of solid RF power • Loud 3 watts of audio output for noisy environments • Large 6 digit backlit LCD display for excellent visibility • 200 memory channels for serious users



### FT-3DR C4FM/FM 144/430 MHz Xcvr

• High Res Full-Color Touch Screen TFT LCD Display • Easy Hands-Free Operation w/Built-in Bluetooth Unit • Built-In High Precision GPS Antenna • 1200/9600bps APRS Data Communications • Simultaneous C4FM/C4FM Standby • Micro SD Card Slot



### FTDX101D | HF + 6M Transceiver

• Narrow Band SDR & Direct Sampling SDR • Crystal Roofing Filters Phenomenal Multi-Signal Receiving Characteristics • Unparalleled - 70dB Maximum Attenuation VC-Tune • 15 Separate (HAM 10 + GEN 5) Powerful Band Pass Filters • New Generation Scope Displays 3-Dimensional Spectrum Stream



### FT-818ND | HF/6M/2M/440 All Mode Portable Xcvr

• Ultra-Compact/Portable • Multi-Color Easy to See LCD • 208 Memory Channels/19 Memory Groups • Built-in Electronic Keyer • Internal Battery Operation Capability • Two Antenna Connectors • Built-in High Stability Oscillator ±0.5 ppm



### FT-65R | 144/430 MHz Transceiver

Compact Commercial Grade Rugged Design • Large Front Speaker Delivers 1W of Powerful Clear Audio • 5 Watts of Reliable RF Power Within a compact Body • 3.5-Hour Rapid Charger Included • Large White LED Flashlight, Alarm and Quick Home Channel Access



### FT-60R | 2M/440 5W HT

• Wide receiver coverage • AM air band receive • 1000 memory channels w/alpha labels • Huge LCD display • Rugged die-cast, water resistant case • NOAA severe weather alert with alert scan



- 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



*It's been a LONG HOT Summer but hang in there! It's almost over and cooler weather is on the way. This means it's time to get ready to start all those outdoor radio projects you put off all summer. Keep "RADIO ACTIVE" from everyone here at HRO Phoenix. Please call or stop by our website for all the latest and greatest deals from your local Ham Radio Outlet.*

*Now serving you at our Phoenix store:*

*Manager Ron AJ7T, Mike K7DD, Bob W8RH, Richard KIRAB, Ira AI7HC, Jim KE7EU and Cregg.*