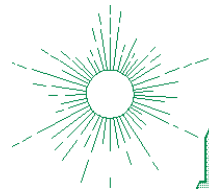


**ADAW**

10498 Monserrate St  
Elk Grove, CA 95757-1765



# March



**ADAW**

**Arizona Desert Aire Waves**

Vol 47 No 3

March 2022

## CLUB MEETING SCHEDULE

### SARC

Mar 2nd - 7:00 PM  
via Zoom

### AARC

Mar 10th - 12:00 PM  
American Red Cross/Echolink

### AzRCCC

Mar 8th - 7:00 PM  
American Red Cross/MS Teams

### WVARC

Mar 7th - 7:00 PM  
Via Zoom

### SuperstitionARC

Mar 15th - 7:00 PM  
Charles K Luster Bldg-Mesa

### CHRC

Mar 12th - 9:00 AM  
Tri-City Baptist Church

### ANSR

Mar 17th - 7:30 PM  
via GoToMeeting

### KARC

Mar 8th - 6:30 PM  
New Hope Christian Fellowship

### OVARC

Mar 18th - 7:00 PM  
Mountain View Baptist Church

### AMO

Mar 10th - 7:00 PM  
Charles K Luster Bldg

### YARC

Mar 3rd - 7:00 PM  
Prescott Rodeo Grounds

### TBARC

Mar 17th - 6:30 PM  
Arizona Christian University

### ATN (VOAR)

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

### QCWA-AZ Chapter

TBD  
Various

### CADXA

Mar 3rd - 7:00 PM  
via Zoom

### ARA

Mar 24th - 7:30 PM  
Electronically

### SunLifeARC

Every Monday - 10:00 AM  
Via Zoom

### CARL

TBD  
Check Web Site

### MARCA

Mar 15th - 6:30 PM  
via Zoom

### MARA

Mar 5th - 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	Randy Gault	KJ7RCN	
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	David Yee	N7AJR	<a href="mailto:n7ajr@scottsdalearc.org">n7ajr@scottsdalearc.org</a>
Secretary	Bruce Harmsen	KA9EYX	<a href="mailto:ka9eyx@scottsdalearc.org">ka9eyx@scottsdalearc.org</a>
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	Jim Dye	AG7AU	
At-Large	Scott Gillins	W2KP	
	Bill Kouchis	N9EIV	
	Ed Nickerson	WU7S	

*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:iangadget1@yahoo.com">iangadget1@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>
	Paul Veltman	WA6OKQ	<a href="mailto:wa6okq@w7tbc.org">wa6okq@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>
Station 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: [info@k7arc.org](mailto:info@k7arc.org)*

## 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	Kevin Parmenter	KG5Q	
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	Dennis Bietry, KE7EJF	ke7ejf@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
Lance Halle, KW7LH	kw7lh@w7ara.net
Joe Godfrey, AE7JG	ae7jg@w7ara.net
Joe Bakas, KE7WHE	ke7whe@w7ara.net
Patrick Baldwin, KI4NSF	ki4nsf@w7ara.net
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 at 7:00 PM: January only - Zoom and St Katherine Greek Orthodox Church, 2716 N Dobson Rd, Chandler. February through November - Zoom and Charles K Luster Building, 640 N Mesa Drive, Mesa. **VISITORS** are Encouraged to attend. 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	kb7kwk@superstitionarc.org
Vice President	Brian Betz	W7JET	w7jet@superstitionarc.org
Secretary	Scott Simeon	KI7KIM	ki7kim@superstitionarc.org
Treasurer	Bryan Hubbard	KF7DPC	kf7dpc@superstitionarc.org
Directors:	Brent Butler	W7FK	w7fk@superstitionarc.org
	Jeff Harris	K2DFE	k2dfe@superstitionarc.org
	Jeff Heinze	N7CCW	n7ccw@superstitionarc.org
	Dan Devlieger	KC7MSU	kc7msu@superstitionarc.org
	Bob Thomas	N8ANV	n8anv@superstitionarc.org
	Matt Churchill	K7YEG	k7yeg@superstitionarc.org
	Robert Fridell Jr	N3BZ	n3bz@superstitionarc.org

Superstition ARC, 5155 E Eagle Dr #21522, Mesa, AZ 85277.  
Web Sites: [SuperstitionARC.org](http://SuperstitionARC.org) and [SuperstitionSuperFest.org](http://SuperstitionSuperFest.org).  
For more information, send email to: [info@superstitionarc.org](mailto:info@superstitionarc.org).  
The Superstition Amateur Radio Club, Inc. is a 501(c)(3) non-profit corporation.



# 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	(Position Open)		
Secretary	Eric Schecter	KC7ES	eschecter@gmail.com
Treasurer	Mike Wright	N7MW	n7mw@aol.com
Immed. Past Pres.	Larry Loen	WO7R	lwloen@gmail.com
Directors	Ron Smith	N7RD	
At-Large	John Jolly	N7NWL	wa7nwl@gmail.com

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



## 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	K7PVP	secretary@w7yrc.org
Treasurer	Sam Prather	K7SCP	treasurer@w7yrc.org
Past President	Bill Noe	WG7W	
Board Members	Dave Erlach	W7VXS	rocketdog@dslxtreme.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 The Mountain View Church, 3500 W Overton Road in Oro Valley. (Monthly meetings are live-streamed.) Visitors are 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	Gary Pierce, AE7GP		ae7gp1@gmail.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 at the Tri-City Baptist Church, Room 140, on the SW corner of Germann & Dobson Roads in Chandler. Our monthly club meetings are held in person. 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	Dave Hoffman	KJ4RS	pres@chandlerhams.org
Vice President	Debbi Smith	KJ7MIQ	vp@chandlerhams.org
Secretary	Mary Stephen	AE6Q	sec@chandlerhams.org
Treasurer	Byron 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	Willa Prato	KE5CPM
Board Member:	Ryan Shipp	K1WAZ
	Joe Jacobson	KJ7PUL
	Frosty Oden	NQ1S
	Larry Johnson	WO7C
Past President	Danny Hoerr	KM4HFT
Committees:		
Membership	Krissy Larson	KI7GJJ
Technical Advisory	TBD	
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	Cheri Goforth	KD7ZXD	<a href="mailto:treasurer.sunlifearc@gmail.com">treasurer.sunlifearc@gmail.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/>

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



## 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.

President: Michael Bailey, KI7LXY [president@arizonamesh.org](mailto:president@arizonamesh.org)  
 Vice-President: Steve Estes, KB7KWK [vicepresident@arizonamesh.org](mailto:vicepresident@arizonamesh.org)  
 Treasurer: Scott Gillins, W2KP [treasurer@arizonamesh.org](mailto:treasurer@arizonamesh.org)  
 Secretary: Robert Fridell, N3BZ [secretary@arizonamesh.org](mailto:secretary@arizonamesh.org)  
 Board of Directors  
 Dale Schmidt, N7QJK [n7qjk@arizonamesh.org](mailto:n7qjk@arizonamesh.org)  
 Heidi Brewer, K7ZAE [k7zae@arizonamesh.org](mailto:k7zae@arizonamesh.org)  
 Gary Hinton, AC7R [ac7r@arizonamesh.org](mailto:ac7r@arizonamesh.org)  
 Bob Howard, W8RH [w8rh@arizonamesh.org](mailto:w8rh@arizonamesh.org)  
 Rodney Fritz, WB9KMO [wb9kmo@arizonamesh.org](mailto:wb9kmo@arizonamesh.org)

*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 [mikekc7v@gmail.com](mailto:mikekc7v@gmail.com)  
 V. P. North Area: Ray Benny, N6VR [n6vr@arrl.net](mailto:n6vr@arrl.net)  
 V.P Central Area: Chuck Zanella, KF7U [Chuck\\_KF7U@outlook.com](mailto:Chuck_KF7U@outlook.com)  
 V.P. South Area: Owen Watson, AK7W [ak7w.owen@gmail.com](mailto:ak7w.owen@gmail.com)  
 Secretary/Treasurer: Larry Reader, KE2VB [larry.ke2vb@gmail.com](mailto:larry.ke2vb@gmail.com)

*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).*



## ADAW Staff

### PUBLISHER / MANAGING EDITOR

Christine Kesauer	N7PVL	602.843.0960
<b>AARCEDITOR</b>		
Lori Cripps	WA7EDI	602.955.7517
<b>AMOEDITOR</b>		
Robert Fridel	N3BZ	610.577.6907
<b>ANSREEDITOR</b>		
Steve Miller	W6SDM	602.290.1603
<b>AOCCEEDITOR</b>		
Mike Fulcher	KC7V	480.522.4332
<b>ARAEDITOR</b>		
T D Kennard	N7ISR	<a href="mailto:adaweditor@w7ara.net">adaweditor@w7ara.net</a>
Joe Bakas	KE7WHE	<a href="mailto:adaweditor@w7ara.net">adaweditor@w7ara.net</a>
<b>AzRCCCEEDITOR</b>		
Charlie Zurenko	N2TFS	<a href="mailto:chazur@icloud.com">chazur@icloud.com</a>
<b>ATNEEDITOR</b>		
Rod Fritz	WB9KMO	<a href="mailto:wb9kmo@gmail.com">wb9kmo@gmail.com</a>
<b>CADXAEDITOR</b>		
Bill Poole	AA4Q	<a href="mailto:billpoole@yahoo.com">billpoole@yahoo.com</a>
<b>CARLEEDITOR</b>		
Steve Warford	WB4ZSC	480.570.1041
<b>CHRCEDITOR</b>		
Dave Hoffman	KJ4RS	<a href="mailto:pres@chandlerhams.org">pres@chandlerhams.org</a>
<b>KARCEEDITOR</b>		
Barbara Mills	KA7MIZ	<a href="mailto:kachinaarc@gmail.com">kachinaarc@gmail.com</a>
<b>MARAEDITOR</b>		
Bob Howard	W8RH	<a href="mailto:w8rh@live.com">w8rh@live.com</a>
<b>MARCAEDITOR</b>		
Norm Johnson	AA7OO	480.278.2886
<b>MMRGEDITOR</b>		
Lori Cripps	WA7EDI	602.955.7517
<b>OVARCEEDITOR</b>		
Steve Wood	W1SR	<a href="mailto:nauset2222@yahoo.com">nauset2222@yahoo.com</a>
George Cooley	NG7A	<a href="mailto:george@ng7a.com">george@ng7a.com</a>
<b>QCWAEDITOR</b>		
Carl Foster	KB7AZ	<a href="mailto:carlfoster@cactuscomm.net">carlfoster@cactuscomm.net</a>
<b>SARCEEDITOR</b>		
Gene Geller	K0VN	612.670.9358
<b>SunlifeEDITOR</b>		
Bill Farina	KE0WPF	608.301.5544
<b>SuperstitionARCEEDITOR</b>		
Larry Kuck	WB7C	<a href="mailto:editor@us60.us">editor@us60.us</a>
<b>TBARCEEDITOR</b>		
Andrew Cornwall	KF7CCC	<a href="mailto:kf7ccc@arrl.net">kf7ccc@arrl.net</a>
<b>WVARCEEDITOR</b>		
Bill Powell	W9WRP	<a href="mailto:w9wrp@yahoo.com">w9wrp@yahoo.com</a>
<b>YARCEEDITOR</b>		
Don Bauer	WB7TPH	<a href="mailto:dbauer2250@aol.com">dbauer2250@aol.com</a>
<b>ADAWEMAIL</b>		<a href="mailto:adaw@adaw.org">adaw@adaw.org</a>
<b>ADAWWEBSITE</b>		<a href="http://www.adaw.org">www.adaw.org</a>

The *Arizona Desert Aire Waves* is published monthly and is the official news media of the sponsoring clubs. All news items, articles and inquires should be submitted to each club's editor. Any information and opinions printed herein are those of the contributors and are not necessarily those of the sponsoring clubs. Full permission is granted to quote from this publication providing credit is given to the individual contributor and the ADAW. ALL RIGHTS RESERVED. **Deadline is 10th of the month**

## From the Editor's Desk

Hi all,

Winter Field Day took place the end of January and several ADAW clubs participated. Winter Field Day is not an ARRL event. It is sponsored by the Winter Field Day Association which was founded by a group who believes that practicing and honing your skills should not be limited to just fair weather scenarios. Disasters and emergencies happen unpredictably and we should be able to respond no matter the environmental conditions.

Winter Field Day is open to all licensed amateurs worldwide. If you are serious about emergency communications, plan to take part next January.

There are three events this month. First up is the QSO Today Virtual Ham Expo on March 12<sup>th</sup> and 13<sup>th</sup>. This is a virtual event with all manner of vendors, seminars, classes, talks, and more. The Expo is held on-line. Visit <https://www.qsotodayhamexpo.com> for all the details.

The Scottsdale Springfest will happen on March 19<sup>th</sup>. The Scottsdale Amateur Radio Club will host this perennial favorite in the Fender Parking lot on Pacesetter Way in Scottsdale. Gates open at 7:00 AM (6:00 AM for vendor set up). Admission is \$5.00 and seller spaces are \$20.00 for two parking spaces. Don't miss the fun. See the hamfest calendar on page 12 and the flyer in the flyers file for more info.

Finishing off the month (weekend wise) is the RST Tucson Vernal Equinox Hamfest on March 26<sup>th</sup>. The event will be held at Calvary Tucson Church on East Speedway in Tucson. Admission and parking are free and seller spaces are \$10.00 per parking space. Gates open at 7:00 AM with seller set up at 6:00 AM. Morning snacks will be provided by Scout Troop 157. For a map and information, visit the website at <http://www.k7rst.org>.

Hope everyone gets a chance to visit one of the two in-person hamfests this month or take part in the Virtual Ham Expo. If you do, why not jot down your impression of the event and send it to ADAW. Those of us who cannot attend would enjoy reading about the event.

Until next month - Stay safe, stay healthy, and stay radio active!

73,  
Christine, N7PVL



## Public Service Calendar

### Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
Mesquite Canyon Trail Run	Waddell	03/05/2022
ADA Tour De Cure	West Valley	03/06/2022
Xterra Black Canyon Trail Run	Black Canyon City	03/13/2022
Crown King Scramble	Lake Pleasant - Crown King	03/26/2022
El Tour De Mesa	Mesa	04/02/2022
March of Dimes March for Babies	Wesley-Bolin Park, Downtown Phoenix	04/09/2022
AuxComm Interest	TBD	12/31/2022

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.



Not much from us. Our next meeting will be held on March 2nd at 7:00 PM via Zoom. We are still looking for a place to hold meetings within our budget.

73,  
Gene K0VN



#### 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.





### AMATEUR RADIO SERVICE DEMONSTRATION STATION

W7ASC is a Demonstration Station for the Amateur Radio 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.

We still need more volunteers to keep the shack open and fully staffed daily at Arizona Science Center. The pandemic has been hard on our recruiting efforts but be assured that we and ASC are taking every possible precaution to keep our volunteers and the public safe. Call the number above or contact me (contact info at end of column) to set up a date to discover the joy of sharing your love of amateur radio with the visitors at ASC.

### Sage Advice Repeated

In a 1965 stage play, and again in a 1970 movie, the public was introduced to the catch phrase, “On a clear day you can see forever.” A decade later, with the personal computer revolution in full bloom, some person of questionable identity wrote on the bathroom wall in a university computer science department, “On a clear disk, you can seek forever.”

I’m certainly not shy, nor above grabbing my own moment of fame, so I will add, “On a clear band, you can CQ forever.” And, if the cable between your radio and antenna is an open circuit, you can for sure CQ forever with no QSO in sight.

That’s exactly what was in evidence at the Harkins Ham Shack recently. I’m not sure of the timing, but following a major effort to replace our feed lines between the third floor ham shack and two different roof levels of the Arizona Science Center, the cable for our HF vertical was neatly coiled up at its

*CARL Continued from Previous Column*

base and never routed to the ham shack.

On behalf of those who worked on that project, the vertical antenna was on the roof of the third floor and all other antennas are on the roof of the much taller tower that houses traveling exhibits. It was easy to overlook. And, with multiple HF antenna selections, nobody noted that the vertical was dead in the water until a new set of eyes on the roof inspecting the antenna farm for needed maintenance spotted the faux pas.

### What’s in Your Closet?

Most of you have modest home stations and antenna farms, but some of you have stations that make the rest of us salivate and wonder why we spent our money on shoes for the kids when we could have had more antennas. But, simple or complex, we know mechanical and electrical components deteriorate quickly in our desert clime. And that means, we have to be especially vigilant to maintain our infrastructure.

Unfortunately, here at Arizona Science Center, cables often takes circuitous routes from point A to point B, and lie deeply hidden in the darkness of the plenum space. Add to that, the fact that some runs cannot be accessed while traveling exhibits are active in the tower. That creates very short windows of opportunity to perform upgrades, inspections, and maintenance.

Fortunately, we’ve been lucky to have volunteers whose eyes light up at the chance to climb a series of vertical ladders to the antenna farm for those tasks. Plus, the height of the building keeps the actual tower heights to a minimum and step ladders can replace climbing harnesses for the “last mile.”

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

ADAW

IT'S OUR DAY!



*International Women's Day  
March 8th*

*Continued Next Column*





*Emergency Communications Since 1961*

## SHORT SKIP

As I write this, our Annual Auction has not happened yet, so I will just have to wait to tell you how great it was! We did have a fun time participating in the "First Annual Poker Run" though. Five teams of two in each vehicle, left the church parking lot in five-minute intervals, and proceeded to five different locations. They were given clues to their next destination via ham radio. Upon arrival at each spot, one team member would draw a card from the deck that was held by a waiting club member. The course was about 40 miles in total, ending at a local restaurant for lunch. Bragging rights went to Walt, KG7WES, and his partner John, WA9JSO, who ended up with a pair of aces! They were each awarded an MFJ Atomic Clock as their prize.

WVARC nets are at 9:00 AM and at 8:00 PM, seven days a week on 147.300MHz with a standard positive (0.600) offset, and a PL Tone of 162.2. We also have two Digital nets. See our website for more details: <https://westvalleyarc.com/nets-and-social>

March 7th is our next General Meeting (the first Monday night of every month). We begin with a Social Hour and preregistered Amateur Radio license testing at 6:00 PM, and our meeting follows at 7:00 PM. Check our website for the location, and stop on by. (If you would like to attend using Zoom, drop us a Contact line on the "About Us" page of our website, and we will send you a link.) <https://westvalleyarc.com/about-us> There is no need to be a licensed ham to join the WVARC. This month, on the 19th, we will be holding a Fox Hunt and BBQ, which is always a lot of fun!

73  
April, KI7GFJ

*Continued Next Column*



## 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)

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:wb7rbn@arrl.com).

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### *WVARC Continued from Previous Column*



*Fox hunting in the park*



**TBARC Continued from Previous Column**

grand prize raffle. Up for grabs was the door prize, which everyone in attendance received a chance to win. This year we gave away a NanoVNA courtesy of R and L Electronics. The winner was WILLIAM R JENKINS KA7BMK from Scottsdale.

**The grand prizes & winners were:**

- \* **3rd prize: Yaseu FT-5A:** Craig D Carnahan N7LB from Gilbert
- \* **2nd prize: Icom ID-Deluxe:** Robert W Blaine K7AMR from Apache Junction
- \* **And the Grand Prize, A Yaesu FT-891** went to Reinhard Geissler K7RGG from Phoenix though looking at the photo, my guess is that his spouse Ingrid W7ISG has taken possession of it. Congratulations to the winners and thanks for making the Thunderbird hamfest a success!

**Meet the new executive**

In January we had the board meeting where the directors decided who will fill the executive positions for 2022. You'll probably recognize a few familiar faces - but we've also got some new ones to keep things fresh. The executive is:

- President 2022: Charles Loftus KG7KRN
- Vice President 2022: Rick Tejera K7TEJ
- Treasurer 2022: Jeff Rogers KD7PYE
- Secretary 2022: Andrew Cornwall KF7CCC
- Director 2022-2023: Robert Lutes N7NO
- Director 2022: Paul Veltman WA6OKQ
- Director 2021-2022: Chuck Erickson K7CAE
- Director 2021-2022: Robert Fairfield K7RQN
- Immediate Past President: Brian McCarthy AK7B
- Station Trustee: Gary Duffield WK7B

**March meeting**

We'd love to see you at our next meeting! As usual, it's on the third Thursday of the month. The meeting will be hybrid: in person at Arizona Christian University or online with Zoom. We're hosting the ARRL Arizona section manager, Rick Paquette, who will be talking about how to do an FCC RF Exposure Assessment. With the new regulations, this is a subject every ham now needs to pay attention to! Learn what you need to know. 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 Rd or at the Zoom virtual meeting - it's your choice! Either way, we'll see you at the meeting!

Say hi when you see them!

**The new executive is looking for you!**

At the January board meeting, it was heartening to see how many club committee positions have been filled already. Only a few are left - and that's where you come in! If you have a couple of nights a month, we're looking for someone who has thoughts about which projects and activities the club should be holding. We're also looking for someone who can take over what Clair Wyant KG7MAJ has been doing for membership - updating the roster as new members join and ordering badges for those who want them. If you could see yourself in either role, let Charlie know at [president@w7tbc.org](mailto:president@w7tbc.org).

Andrew Cornwall KF7CCC  
[kf7ccc@arrl.net](mailto:kf7ccc@arrl.net)

**Improving efficiency at the storage unit**

Our treasurer, Jeff Rogers KD7PYE recently improved the efficiency of our storage unit. Thanks to him, we now own NSF shelving - on wheels no less - so it won't be quite as difficult to see what we have or to get to what we can't see. Thanks for identifying the problem and solving it all at once, Jeff!



**One last update on the Thunderbird Hamfest**

(Thanks to the hamfest chair, Rick K7TEJ for supplying this.) As reported last month, the Thunderbird Hamfest was a success. It was good to see so many hams back out after a year off due to the pandemic. The highlight of the hamfest was our



*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.

## March Test Sessions

### Mar 1st - ARRL Ham Radio Exams -- 6:00 PM

Quadcity Christian Church, 501 S Senator Hwy, Prescott  
Contact: J M Scherfling 928.632.2050  
No Walk-ins/Register or Call Ahead

### Mar 14th - Radio Society of Tucson -- 7:00 PM

Immanuel Presbyterian Church, Witherspoon Hall  
252 E 22nd St, Tucson  
Contact - Diane Zimmerman [dzimmerman2002@gmail.com](mailto:dzimmerman2002@gmail.com)

### Mar 5th - CHRClub Laurel VE Team -- 10:00 AM

Tri-City Baptist Church, 2211 Germann Rd, Chandler  
Contact: [ve@chandlerhams.org](mailto:ve@chandlerhams.org)  
No Accepted/Registration Preferred at:  
[chandlerhams.org/testing/](http://chandlerhams.org/testing/)

### Mar 15th - Boy Scout Troop 127 -- 8:00 PM

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

### Mar 5th, 12th, 19th, 26th - NOMADS -- 9:00 AM

Venture Out RV Resort, 5001 E Main St, Mesa  
Contact - Robert Bingham 480.404.1408  
No Walk-Ins / Register or Call Ahead

### Mar 18th - Oro Valley ARC -- 5:30 PM

Mountain View Baptist Church, 3500 W Overton Rd, Tucson  
Contact - David Beauchesne 831.345.3308

### Mar 5th - K7ARC VE Team -- 10:00 AM

American Red Cross, 4747 N 22nd St, Phoenix  
Contact - Brandi Bridges [VE.Testing@k7arc.org](mailto:VE.Testing@k7arc.org)  
No Walk-Ins / Register at k7arc.org

### Mar 19th - Hualapai ARC -- 10:00 AM

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

### Mar 7th - 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

### Mar 19th - 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

### Mar 12th - Yuma ARC -- 9:00 AM

Yuma County Sheriff's Office, 141 S 3rd Ave, Training Rm 2, Yuma  
Contact - John Ham 970.927.3273  
No Walk-Ins/Register or Call Ahead  
Appointment Only - Pre-register by Wednesday

### Mar 25th - Un-sponsored -- 1:00 PM

Vernon Public Library, 26 County Rd 3142, Vernon  
Contact - Gerald Gutz [jerry7640@gmail.com](mailto:jerry7640@gmail.com)

### Mar 14th - 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

### Mar 25th - Vernon Teaching Testing Center -- 6:00 PM

Vernon Community Park, 1567 ACR 3148, Vernon  
Contact - Anthony Romyak 928.892.3098

### Mar 26th - 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

**FACEMASKS ARE REQUIRED**





## Hamfest Calendar

12-13 March 2022 - **QSO Today Virtual Ham Expo** - sponsored by QSO Today will be held on-line. Visit <https://www.qsotodayhamexpo.com/> for details.

19 March 2022 - **Springfest** - hosted by the Scottsdale Amateur Radio Club will be held in the Fender Parking Lot, 17705 N Pacesetter Way in Scottsdale. Gates open at 7:00 AM (6:00 AM for vendor set up). Admission is \$2.00 per person and vendor spaces are \$20.00 for two parking spaces. There will raffle prizes and hourly drawings, and refreshments and snacks will be available, too. For more information, visit the hamfest at [www.scottsdalearc.org](http://www.scottsdalearc.org) or email James Wasson ([jwasson1@cox.net](mailto:jwasson1@cox.net)) or Bill Kouchis ([n9eiv@scottsdalearc.org](mailto:n9eiv@scottsdalearc.org))

26 March 2022 - **Tucson Vernal Equinox Hamfest** - hosted by the Radio Society of Tucson will be held at Calvary Tucson Church, 8711 E Speedway in Tucson. Hours are 7:00 AM until 11:00 AM with set up beginning at 6:00 AM. Admission and Parking. Seller Spaces \$10 per Parking Space. ARRL Card Checking - Prizes - NO VE Testing. Snacks Brought to You by BSA Troup 157. No Alcohol, Drugs, or Firearms. Talk-In Frequencies - FM:145.250 FM Tone 156.7. For Information & Map, visit <http://www.k7rst.org>

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.

7 May 2022 - **Cochise Hamfest and 7th Area Phone/CW/Digital Communications Exercise** - hosted by the Cochise Amateur Radio Association will be held at the club site at 2756 S Moson Road in Sierra Vista. Gates open at 7:00 AM with free parking and admission. Tailgating is \$5.00 and inside tables are \$10.00 each. VE testing will be held from 9:00 AM until 11:00 AM. Prize drawing will be held at 12:00 noon. Talk-in: 146.76(-) PL 162.2. For more information, email Bill N7BIL at [cwmcnab@gmail.com](mailto:cwmcnab@gmail.com).

14 May 2022 - **2022 Prescott Hamfest** - hosted by the Yavapai Amateur Radio club will be held at Granville Elementary School, 5250 Stover Drive in Prescott Valley. Hours are 8:00 AM until 12:00 Noon. General Admission - \$5.00 per person. Full time students with ID and 16 years old and younger - FREE. Swap spaces - \$10.00 per space. Pre-registration for seller spaces at [www.prescotthamfest.com](http://www.prescotthamfest.com) is required. Due to limited space, RVs, Campers, and trailers will not be permitted. Talk-In Frequencies - 146.880 MHz (-) PL 100 Hz, 447.65 MHz (-) PL 100 Hz, or 146.580 Simplex. Contact Hamfest Chairperson - Frank Bender, K8FB at [k8fb@w7yrc](mailto:k8fb@w7yrc). Visit the web site at [www.prescotthamfest.com](http://www.prescotthamfest.com) for updates and additional details. SORRY NO GUNS, DRUGS, ALCOHOL, SMOKING, VAPING, OR FIREWORKS. ONLY LEASHED ANIMALS ARE PERMITTED.

1 October 2022 - **TARA Ham Swapfest** - hosted by the Tonto Amateur Radio Association will be held at Rumsey Park, 400 McLane Road in Payson. Hours are 8:00 AM until 2:00 PM. Admission is free. Tailgaters are \$5.00 and vendors are \$10.00 per table. VE testing will be held from 7:00 AM until 9:00 AM. There is a \$15.00 fee for the test. A potluck BBQ will follow the swapmeet closing at 4:00 PM. Bring your own meat and something to share. Contact Hal Key, KG7LVG at 480.225.5987 (email - [hkey073@gmail.com](mailto:hkey073@gmail.com)) for more info

AOCC hosted its first virtual presentation, outside of the annual Roundup, in early February. Rob Sherwood did a presentation on receiver performance including an Elecraft K4D. This is recorded and we will post the link on the AOCC website and in ADAW next issue. Rob's list provides many options of radios with great RX performance. If you missed the meeting, it is worth your time to view his presentation.

The latest sunspots have produced SFI above 120. There have been openings on 10m, and just maybe, we got lucky in the ARRL DX CW contest. HF is getting more exciting again finally. There seems to be a few more now venturing out for contest expeditions.

As a reminder, you can find contest dates and links to rules by looking at [www.contestcalendar.com](http://www.contestcalendar.com). You can also check to see what dxpeditions will be on for DX contests at <https://www.ng3k.com/>.

Contest Tip this month – Rest. If you plan to put in a lot of hours, make sure you are well rested when the contest begins. Hydrate well, stand up and stretch often, eat lightly, and plan your off times based on the bands you will mainly focus on.

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 and participate in contests and make contacts. There are excellent resources among club members and on our club website for contesting help.

Here are a couple of AOCC accomplishments-

Once again the top team in NAQP CW (claimed scores) comes from the Arizona Outlaws Contest Club AOCC Bandits team. In order of top to bottom scores, these guys represent AOCC well – N2IC, KY7M, N4ZZ, K8IA, K6LL. The lowest score was nearly 272,000 - great job guys.

In the ARRL RTTY Roundup N7AT (K8IA & KC7V) are currently 3rd in claimed scores for the Multi-Single High Power category. Tom N7GP sits 11th in country in the Single OP High Power category.

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

73,  
Mike KC7V

ADAW



The Mingus Mountain Repeater Group held its annual board meeting January 8, 2022.

Election of Officers: The following were nominated and elected unanimously as officers for 2022: President K7POF, Vice President WN7E, Secretary WA7EDI, Treasurer K7POF. It was proposed that the current Board members be elected to serve in 2022. The Board voted unanimously to accept. N7MMC moved to nominate KK7TTD, Larry Dorrell, as an additional Board member. The motion was seconded by KK7KEN and approved by a unanimous vote.

**2022 Officers and Board Members (10):**

- Robert Sitterley, K7POF, President & Treasurer
- Tom Griswold, WN7E, Vice President
- Lori Cripps, WA7EDI, Secretary

**Board members**

- Sonja Hazlett, WB7CWW
- Jerry Roberts, K7BUD (formerly KB7CN)
- Butch Merrill, K7JOG
- Gary Hamman, K7GH
- Ken Rasbach, KK7KEN
- Tom Raczynski, N7MMC
- Larry Dorrell, KK7TTD

We also discussed the proposed Increase of user fees by the Forrest Service. We encouraged all MMRG members and friends to e-mail their Senators, congressional representatives, and the Forrest service protesting this large increase in the user fees.

Bob Sitterley K7POF



President's message, Kachina Radio Club. Kevin Parmenter KG5Q

We are very blessed to have not only an existing base of technically savvy amateur radio operators in the white mountains, but we have an influx of both existing hams and technology-oriented people moving to the area and individuals who are looking for a club to join or even looking to obtain or upgrade their license also. We have a highly active and successful volunteer teaching team who trains potential ham radio operators as well as a great VE team that, based on the results, has helped many obtain or upgrade their licenses.

Education and training are one of our core purposes for the club as well as service to the community for emergency communications. Our goal is to have a Navajo County + linked repeater system. We are continuing to build, program, and test repeaters, antennas, controllers, power electronics systems to backup our equipment, and links while accepting donations of needed materials and equipment. We are working on site locations and needed infrastructure to make this happen.

One of the things I enjoy about ham radio is it's like a technology potluck where members pitch in and offer their time, materials, parts, and expertise to further the cause and serve the members and the community at large. Our EOC plans have been pushed out until spring as the facility in Pinetop will not be ready to equip until then. We are looking at feed lines, grounding and antennas needed while the building is under construction. We are extremely optimistic about the future growth of ham radio and our membership here in the white mountains.

The Kachina Club would like to introduce you to the Future of Amateur Radio. The Rhoton family have just added their youngest, Dean, to our family. Congratulation Dean on getting your license in February.

- Blaine (KI7WFH-Extra) Dad
- Sheri (KJ7WSE-Tech) Mom
- Bryce (KJ7PNJ - Gen) Age 17
- Owen (KJ7PNI-Extra) Age 14
- Audra (KJ7RGK - Gen) Age 14
- Dean (KK7DME Tech) Age 10





### **Tuesday, March 15 Club Meeting at 7:00 PM**

Mesa's Charles K Luster Building will host the March meeting. We also run the meeting on Zoom.

We welcome visitors in person or via Zoom: Please email the President@SuperstitionARC.org at least a full day in advance for the Zoom link.

Our Member Clubs entry on Page 3 has general information about the club meeting schedule. I do not have program information at this early date to offer.

### **January Junque Auction and meeting**

We used the St. Katherine church in Chandler, but with 22 people in attendance and 50 items to auction, we could have held it here in Mesa. Steve, KB7KWK was the auctioneer. He always does a great job auctioning.

The Omicron variant of COVID is still rampant, and some folks have been sidelined, as of early February. And, unfortunately, we did not have Zoom set up for January.

### **Winter Field Day Pictures**

Following this column, I will display some pictures from our Winter Field Day outing, which got bumped at Maricopa County's Utery Mountain Regional Park. We met instead at Oak Flat Campground east of Superior, AZ. The President's Corner has more on the outing. Winter Field Day Association sponsors this event each January.

147.12 and 449.60 lent out for Lost Dutchman Marathon net

Usually, in February, the club lends use of the linked repeater system for Maricopa County Emergency Communications Group's use to conduct a net in support of Apache Junction's Lost Dutchman Marathon. This year's Marathon is set for Sunday, February 20, as of this writing.

We want to thank all amateurs who stepped aside and all amateurs involved in the net to provide this public service communication.

### **The President's Corner**

*Steve, KB7KWK*

Hello fellow club members. I start this month's President's Corner with my story from this past weekend's Field Day. My wife and I have only been to Oak Flat campground one other time in the past. That was the weekend before. I got off work kind of late on Friday, so I was in a hurry to get home and get the quads loaded onto the car trailer. My wife pulled up with her truck and I loaded the camp trailer onto my truck.

*Continued Next Column*

### ***Superstition Continued from Previous Column***

We already started to have problems. The batteries on the trailer were dead, there was a low tire on the camp trailer, and we both still needed to stop for gas. The Grandkids, whom we were bringing with us, had not had dinner yet. So we finally got going around 7:30 p.m.

After arriving in the area I took a left turn too early and I was on this road for only a few minutes before I realized it was the wrong road. I yelled on the radio to tell my wife to stop and not follow me. Now you have to realize that I am in an F-350 pulling a 28-foot camper trailer. Now I have to find a way to turn this thing around. I decided to go a little farther to see if there was a spot. There was nowhere to turn around.

I had my seven-year-old Grandson with me, and my wife had the four-year-old Granddaughter. My Grandson Bryce was freaking out. The wind was blowing around 40 miles per hour and it was cold. I yelled out on the talk-in frequency to see if anyone was still awake at camp. Doug, AG7KU answered and came up to give us a hand.

Doug stayed with our Granddaughter while my wife grabbed a flashlight and walked up the road uphill to where I was. With my wife behind the trailer with the light, I had to back the trailer about 1/8th of a mile downhill to an area where I could turn around. It took me almost one hour to do that. There was very little room. I then had to back the trailer back up the way I had just come from in order to be pointing the right direction to get off the hill.

Next we had to get my wife turned around. When I told her on the radio to stop, she just happened to be in an area that was big enough to get her turned into the right direction. It only took a couple of minutes and we were on our way out. Thank you Doug, for babysitting while I got myself out of this mess.

We had a great time at Winter Field Day. Not a lot of people came out, but we did have about 12 total with all of those who stopped by to check things out. It was great to see a new club member, Brad, KA9JDE, come out and introduce himself. I think we made around 50 or so contacts on Saturday as the event got started. Jim, Herschel, Doug, George, Bob, and myself, put up antennas. As it got dark and temperatures dropped, we started up a camp fire and hung out and told lies for a few hours.

We also roasted up some marshmallows and made some s'mores. There may have been an adult beverage in there somewhere. Sunday morning brought a little early rain so we decided to pack up and get out of there just in case the rain got harder. As it turned out, it was just a little sprinkle.

Thanks again to all who came out and I hope to see all of you and more at Summer Field Day. If there are no fires in the area, we will be going up North to our Lost Eden location.

73 for now and catch you down the log.

*Continued on Page 15*

*Superstition Continued from Page 14*

Deadlines to Include Your Input in Our Publications:

We need member input for the April issue of the club newsletter and May issue of this column in ADAW.

For April Communicator: Please email [Editor@SuperstitionARC.org](mailto:Editor@SuperstitionARC.org) with your input by the 27th of March. The Communicator will publish to club members in early April.

For April ADAW: Please email [WB7C@SuperstitionARC.org](mailto:WB7C@SuperstitionARC.org) with your input by the 5th of March. ADAW will publish to club members in late April.

73 Larry Kuck, WB7C for SuperARC's part of this ADAW.

# ADAW

- **Superstition ARC Repeaters**
- 147.120 MHz(+) 162.2 Hz - Linked to 449.600(-) (Analog Only)
- 449.600 MHz(-) 100.0 Hz - 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
- **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.

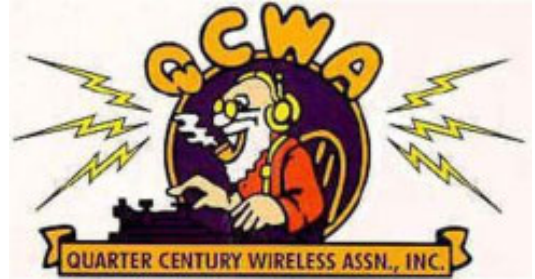
*Continued Next Column*



## Winter Field Day



# No Reports Received



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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• 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 Dust 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



### 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



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• 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



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- PHONE - Toll-free phone hours 9:30AM - 5:30PM
- ONLINE - WWW.HAMRADIO.COM
- FAX - All store locations
- MAIL - All store locations

**YAESU**  
The radio

We had a great time at the Yuma Hamfest this year.  
Thanks to everyone that came by to see us at the HRO booth.  
Remember to check our website weekly to see all the deals we have to offer at your local Ham Radio Outlet in Phoenix.

Now serving you at our Phoenix store:  
Manager Ron AJ7T, Mike K7DD, Bob W8RH, Richard K1RAB, Ira AI7HC, Jim KE7EU and Cregg.