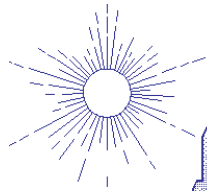


**ADAW**

10498 Monserrate St  
Elk Grove, CA 95757-1765



# JANUARY



**ADAW**

**Arizona Desert Aire Waves**

**Vol 49 No 1**

**January 2024**

## CLUB MEETING SCHEDULE

### SARC

Jan 10th - 6:00 PM  
Granite Reef Senior Center

### AARC

Jan 11th - 7:00 PM  
AZ Red Cross Bldg

### YARC

Jan 4th - 7:00 PM  
Prescott Rodeo Grounds

### TBARC

Jan 18th - 7:00 PM  
Arizona Christian University

### CADXA

Jan 4th - 7:00 PM  
Bethany Lutheran Church

### ARA

Jan 15th - 7:30 PM  
Denny's - Tempe & Zoom

### MARCA

Jan 16th - 6:00 PM  
Denny's Restaurant - Tempe

### MARA

Jan 6th - 9:30 AM  
Maricopa Public Library

### AZRCCC

Jan 9th - 7:00 PM  
AZ Red Cross Bldg

### AMO

Jan 15th - 7:00 PM  
Charles K Luster Bldg

### SuperstitionARC

Jan 15th - 6:30 PM  
Red Mtn Center, East Mesa

### CHRC

Jan 13th - 1:00 PM  
Tri-City Baptist Church

### ANSR

Jan 18th - 7:30 PM  
Via GoToMeeting

### NADXA

Jan 2nd - 6:00 PM  
Via Zoom

### OVARC

Jan 19th - 7:00 PM  
Pima Comm. College, NW  
Campus

### KARC

Jan 9th - 6:30 PM  
New Hope Christian  
Fellowship

### ATN (VOAR)

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

### QCWA-AZ Chapter

TBD  
Various

### CARL

TBD  
Arizona Science Center

### SunLife ARC

Every Monday - 10:00 AM  
Via Zoom

### WVARC

Jan 1st - 7:00 PM  
Shepherd of the Desert  
Lutheran Church/Zoom

### 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	480.216.2665
Vice President	Steve Tolnai	W7WSV	480.390.4446
Secretary	Randy Gault	KJ7RCN	480.329.1879
Treasurer	Dave DeBolske	WA7DGY	480.249.8286
Activities Mgr	Lori Cripps	WA7EDI	602.955.7517
Membership	Dave DeBolske	WA7DGY	480.249.8286

*AARC c/o Dave DeBolske, WA7DGY, 2223 W Belmont Ave, #101, Phoenix, AZ 85021. 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 6:00 p.m. in Room 8 at the Granite Reef 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	n7ell@scottsdalearc.org
Vice President	Rick Aldom	W7STS	natecf@gmail.com
Secretary	Bruce Harmsen	KA9EYX	ka9eyx@scottsdalearc.org
Treasurer	Douglas Mitchell	W7ADD	w7add@scottsdalearc.org
Past President	Paul Finell	W7EFQ	w7efq@scottsdalearc.org
Board Members	Jim Dye	AG7AU	
At-Large	Scott Gillins	W2KP	
	Bill Kouchis	N9EIV	
	Ed Nickerson	WU7S	
	Gene Geller	K0VN	

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

*ANSR, PO Box 31003, Mesa, AZ 85275-1003. DUES: \$10.00/YR. Web Site: [www.ansr.org](http://www.ansr.org)*

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



## 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	Walter Reinert	NJ8G	president@w7tbc.org
Vice President	Warren Gaspar	KC0GU	vicepresident@w7tbc.org
Secretary	Gene Neigoff	N9ANI	secretary@w7tbc.org
Treasurer	Mike Willmoth	KJ7OPD	treasurer@w7tbc.org
Director 2023	Robert Lutes	N7NO	n7n0@w7tbc.org
Director 2023	Rick Tejera	K7TEJ	k7tej@w7tbc.org
Director 2023-24	Gary McGriff	KK7DCR	kk7dcre@w7tbc.org
Director 2023-24	Bruce Kabana	WB7SRC	wb7src@w7tbc.org
Past President	Charles Loftus	KG7KRN	kg7kmf@w7tbc.org
Station Trustee	Gary Duffield	WK7B	wk7b@w7tbc.org

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

## 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	Cary Gielniak	K7CFG	president@copahams.org
Vice President	Dave Hagan	KK7FWJ	vicepresident@copahams.org
Secretary	TBD		secretary@copahams.org
Treasurer	George Hogan	K7TGH	treasurer@copahams.org
PIO:	Steve Miller	W6SDM	pio@copahams.org

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

## 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	Cary Gielniak	K7CFG	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

## 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	928.308.1164
Vice President	Tom Griswold	WN7E	
Secretary	Lori Cripps	WA7EDI	602.955.7517
Treasurer	Bob Sitterley	K7POF	928.636.2146
Board Members:	Gary Hamman	K7GH	
	Jerry Roberts	K7BUD	
	Ken Rasback	KK7KEN	
	Tom Raczynowski	N7MMC	
	Sonja Hazlett	WB7CWW	
	Larry Dorrell	KG7TTD	
	Ray Kolman	KI7COM	

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	480.748.8182
Vice President	Bill Turley	KJ7GYH	923.536.2293
Secretary	Marie Mortensen	N7SKS	928.358.8748
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, 1343 W Broadway in Tempe (Southeast corner of Priest Dr and Broadway Rd - <https://www.w7ara.org/mtg/Meetings.aspx>). 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	Dennis Bietry, KE7EJF	ke7ejf@w7ara.net
Vice-President	Marty Dusenberry, KE7DGP	ke7dgp@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
Brian McCarthy, AK7F	ak7f@w7ara.net
Lance Halle, KW7LH	kw7lh@w7ara.net
Joe Godfrey, AE7JG	ae7jg@w7ara.net
Joe Bakas, KE7WHE	ke7whe@w7ara.net
James Wasson, N7ELL	n7ell@w7ara.net
Bill Jackson, N9VJW	n9vjw@w7ara.net

For Membership Information, contact (Joe Godfrey, AE7JG membership@w7ara.net) Arizona Repeater Association, Inc, P. O. Box 35758, Phoenix, Arizona 85069-5758. To join or renew, please visit <http://w7ara.org/mbr/Membership.aspx>. DUES: \$20.00/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 6:30 PM: January through June at Red Mountain Multigenerational Center, Rooms 5 & 6, 7550 E Adobe St, East Mesa. VISITORS are Encouraged to attend.

President	Steve Estes	KB7KWK	kb7kwk@superstitionarc.org
Vice President	David Gardner	KC7MAD	kc7mad@superstitionarc.org
Secretary	Scott Simeon	KI7KIM	ki7kim@superstitionarc.org
Treasurer	Jack Sheldon	KN7Y	kn7y@superstitionarc.org
Directors:	Brent Butler	W7FK	w7fk@superstitionarc.org
	Ed Taggard	K7EDT	k7edt@superstitionarc.org
	Matt Churchill	K7YEG	k7yeg@superstitionarc.org
	Eve Glantz	W7EVE	w7eve@superstitionarc.org
	John Jacques	KD8PC	kd8pcu@superstitionarc.org
	Larry Fort	AB7C	ab7c@superstitionarc.org

Superstition ARC, 5155 E Eagle Dr #21522, Mesa, AZ 85277.  
 Web Sites: [SuperstitionARC.org](http://SuperstitionARC.org) & [superfest.superstitionarc.org](http://superfest.superstitionarc.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. Denny's, 4403 S Rural Rd in Tempe (SE corner of Rural and US60) and 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	Ray Vasquez	K4RMV	
Vice President	Tom Morrissey	KE7TM	
Treasurer	Norm Johnson	AA7OO	480.278.2886
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

We have finally returned to hybrid in-person meetings which include online Zoom capabilities. The Central Arizona DX Association meets the **FIRST THURSDAY** each month at 7:00 p.m. at Bethany Lutheran Church, 4300 North 82nd Street in Scottsdale. We have a broad range of programs covering many aspects of amateur radio with an emphasis on DX-related. Visitors always welcome in-person or via Zoom. See [www.cadxa.org/meetings.html](http://www.cadxa.org/meetings.html) for more information. Contact club president for zoom link.

President	John Jolly	N7NWL	wa7nwl@gmail.com
Vice President	Virgil Silhanek	K7VZ	k7vz@arrl.net
Secretary	Steve Thompson	N7TX	steve.n7tx@gmail.com
Treasurer	Mike Wright	N7MW	n7mw@aol.com
Immed. Past Pres.	Bill Poole	AA4Q	aa4q@arrl.net
Directors	Ron Smith	N7RD	n7rd@cox.net
At-Large	Steve Protas	K7SP	sprotas@juno.com

CADXA, P.O. Box 24616, Tempe, AZ 85285-4646. Email: [wa7nwl@gmail.com](mailto:wa7nwl@gmail.com). Dues are \$25 per year (\$12.50 per additional family member). For more information, DXing resources, and a membership application, visit our website: [www.cadxa.org](http://www.cadxa.org).

## YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club meets the **FIRST THURSDAY** of every month at 7:00 PM in the Freeman Building at the Prescott Rodeo Grounds located at 840 Rodeo Drive in Prescott (visit web site at [www.w7yrc.org](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	Ray Kolman	KI7COM	president@w7yrc.org
Vice-President	Mike Reid	WU7V	vice_president@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Treasurer	Jane Lerette	K7ZHF	treasurer@w7yrc.org
Past President	Bill Noe	WG7W	
Board Members	Byron Wilkinson	KK7BFL	kk7bfl@w7yrc.org
	Debbie Kolman	KD7COM	kd7com@w7yrc.org
	Mike Schnell	NCTX	nc7x@w7yrc.org
	Ron Shimek	W7WWB	w7wwb@w7yrc.org
Past President	John Snedden	KT7P	kt7p@w7yrc.org

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

## K7ARC 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	Jerry Quenneville	K1GJQ
Treasurer	Saroj Gilber	KM6BQD
Past President	Frank Engstrom	KB7IQ

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)

## NORTHERN ARIZONA DX ASSOCIATION

The Northern Arizona DX Association is a small, but very active club in Flagstaff. We hold our monthly meetings the **FIRST TUESDAY** of each month via ZOOM at 6:00 p.m. MST (01:00 UTC). A ZOOM ragchew is held every Wednesday at 9:00 a.m. Visitors are welcome. Please e-mail President Mike at [michael-hanks@hotmail.com](mailto:michael-hanks@hotmail.com) to receive the ZOOM invite and password.

President	Mike Hanks, W7QS	michael-hanks@hotmail.com
Vice-President	Harry Legrand, KK7IUJ	vicepresident@nadxa.com
Secretary	Keith Schlothman, KR7RK	secretary@nadxa.com
Treasurer	Ken Held, W7SS	treasurer@nadxa.com

Website: [www.nadxa.com](http://www.nadxa.com). If you are interested in joining us, please read through our Bylaws (available on the website) and attend a club meeting or breakfast. A sponsor will be assigned to get you acquainted with our merry band



# 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	Gary Malhoit	N4WU	
Sec./Scheduling	Sam Marshall	N7INV	602.291.0992
Treasurer	Karen McConaghy	NO7D	602.799.7338
Station Engineer	Rusty Kinner	WA8ZID	
Board Members:			
	Tom Salt	AD7PM	At Large
	John O'Neal	K7JP	Teacher Packets
	Jerry Quenneville,	K1GJQ	ARCA Delegate

Direct Phone: 602.716.2082

## 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 Wednesday of the month at 7:00 PM on Zoom. 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 and at 8:00 PM. Please check our website (<https://westvalleyarc.com>) for other events and information.

President	Bill Ciccone	KA2KHV	
Vice-President	Josh Cavender	KE7WIL	
Secretary	Lee Ann Ciccone	KJ7AZR	
Treasurer	Bob Conlin	KJ7JNR	tallbob14@gmail.com
Board Member:	Bob Runke	AB7RR	
	Mike Stevens	K7BLT	
	Larry Johnson	W07C	
	Matt Browning	KK7CKE	

Committees:			
Membership	Krissy Larson	KI7GJJ	
Technical Advisory	Frosty Oden	NQ1S	
Equip. Donations	Frosty Oden	NQ1S	
& Sales			

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 is a Snowbird Club and meets **EVERY MONDAY** at 10:00 AM from October through the end of April at the Greenfield Village RV Park, 111 S Green field Road in Mesa. We also gather every Thursday morning at Red Mountain Park.

Nets:

DMR Net: Monday at 2:00 UTC, Talk Group 31041  
 20 M Net: Monday, Wednesday, & Friday, 14.329 Mhz SSB 19:30 p.m. UTC (18:30 a.m. UTC during daylight savings time).  
 10 M Net: Tuesday & Thursday, 28.329 Mhz, SSB. 02:00 UTC.  
 Also cross banded to KD8PC-L and AllStar 51772 on Tuesday nights.  
 Venture Out: 2 M Net: Monday, Wednesday, & Friday, 20:00 UTC 146.460 MHz FM simplex

President	Jim Steinmetz,	WX7G	steinmetzjb@aol.com
Vice President	Stephen Wagner,	W7WHB	w7whb@arrl.net
Secretary	Roy Gager	KD7WRC	roygager@mac.com
Treasurer	Cheri Goforth,	KD7ZXD	treasurer.sunlifearc@gmail.com

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. **Board Meetings** are held the second Monday of each month on Zoom at 7:00 PM until approx. 9:00 PM. **General Meetings** are the **THIRD MONDAY** of each month at the Charles K. Luster Building, 640 N Mesa Drive in Mesa (a half mile north of W University Drive, west side of N Mesa Drive) and on Zoom. Doors open at 6:30; meetings are 7:00 PM until approx. 9:00 PM. **AMO Weekly Nets** are held the other Mondays at 7:00 PM on Zoom. If you need the Zoom link, please contact the AMO President at least 2 hours before the meeting at [president@arizonamesh.org](mailto:president@arizonamesh.org).

President:	Gary Hinton, AC7R	<a href="mailto:president@arizonamesh.org">president@arizonamesh.org</a>
Vice-President	Steve Estes, KB7KWK	<a href="mailto:vicepresident@arizonamesh.org">vicepresident@arizonamesh.org</a>
Treasurer:	Scott Gillins, W2KP	<a href="mailto:treasurer@arizonamesh.org">treasurer@arizonamesh.org</a>
Secretary:		<a href="mailto:secretary@arizonamesh.org">secretary@arizonamesh.org</a>
Board of Directors		
	Tom Cloonan, NL7FQ	<a href="mailto:nl7fq@arizonamesh.org">nl7fq@arizonamesh.org</a>
	Michael Bailey, KI7LXY	<a href="mailto:ki7lxy@arizonamesh.org">ki7lxy@arizonamesh.org</a>
	Charles Whitlatch, W7VF	<a href="mailto:wyvf@arizonamesh.org">wyvf@arizonamesh.org</a>
	Bob Howard, W8RH	<a href="mailto:w8rh@arizonamesh.org">w8rh@arizonamesh.org</a>
	Rod Fritz, WB9KMO	<a href="mailto:wb9kmo@arizonamesh.org">wb9kmo@arizonamesh.org</a>

Web Site: <https://arizonamesh.org/> Email: [info@arizonamesh.org](mailto:info@arizonamesh.org)  
DUES: \$25.00 per year. Membership year runs January 1 - December 31.

## 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>
V. P. North Area	Ray Benny, N6VR	<a href="mailto:n6vr@arrl.net">n6vr@arrl.net</a>
V.P Central Area	Chuck Zanella, KF7U	<a href="mailto:Chuck_KF7U@outlook.com">Chuck_KF7U@outlook.com</a>
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).



## ORO VALLEY AMATEUR RADIO CLUB

The Oro Valley Amateur Radio Club meets the **THIRD FRIDAY** of each month at 7:00 p.m. at Northwest Campus, Pima Community College, 7600 N Shannon Road in Tucson. (Monthly meetings are live-streamed.) Visitors are welcome. Board Meetings are held the second Tuesday of every month 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	<a href="mailto:w1sr@arrl.net">w1sr@arrl.net</a>
Vice-President	David Beauchesne AK2L	<a href="mailto:ak2l@arrl.net">ak2l@arrl.net</a>
Secretary	Logan Zintsmaster KE7AZ	<a href="mailto:lrahnz@garlic.com">lrahnz@garlic.com</a>
Treasurer	Beverley Hester WB7BEV	<a href="mailto:wb7bev@cox.net">wb7bev@cox.net</a>
Board Member	Fred Bresani W2HZ	<a href="mailto:w2hz@verizon.net">w2hz@verizon.net</a>
Board Member	Andreas Prorocok W1IXQ	<a href="mailto:teslarocks77@gmail.com">teslarocks77@gmail.com</a>
Board Member	John Behrens K7JWB	<a href="mailto:johnbehrens@comcast.net">johnbehrens@comcast.net</a>

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/>.



## THE AMATEUR'S CODE

### ONE

The Amateur is Considerate . . . He never knowingly uses the air in such a way as to lessen the pleasure of others.

### TWO

The Amateur is Loyal . . . He offers his loyalty, encouragement and support to his fellow radio amateurs, his local club and to the American Radio Relay League, through which Amateur Radio is represented.

### THREE

The Amateur is Progressive . . . He keeps his station abreast of science. It is well-built and efficient. His operating practice is above reproach.

### FOUR

The Amateur is Friendly . . . Slow and patient sending when requested, friendly advice and counsel to the beginner, kindly assistance cooperation and consideration for the interests of others; these are marks of the amateur spirit.

### FIVE

The Amateur is Balanced . . . Radio is his hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school, or his community.

### SIX

The Amateur is Patriotic . . . His knowledge and his station are always ready for the service of his country and his community.



# ADAW Staff



## PUBLISHER / MANAGING EDITOR

Christine Kesauer N7PVL 602.843.0960

## AARC EDITOR

## AMO EDITOR

Robert Fridel N3BZ 610.577.6907

## ANSR EDITOR

Steve Miller W6SDM 602.290.1603

## AOC EDITOR

Mike Fulcher KC7V 480.522.4332

## ARA EDITOR

Joe Bakas KE7WHE [adaweditor@w7ara.net](mailto:adaweditor@w7ara.net)

## AzRCC EDITOR

Charlie Zurenko N2TFS [chazur@icloud.com](mailto:chazur@icloud.com)

## ATN EDITOR

Rod Fritz WB9KMO [wb9kmo@gmail.com](mailto:wb9kmo@gmail.com)

## CADXA EDITOR

John Jolly N7NWL [wa7nwl@gmail.com](mailto:wa7nwl@gmail.com)

## CAR EDITOR

Sam Marshall N7INV [pdlstl@aol.com](mailto:pdlstl@aol.com)

## CHR EDITOR

Debbi Smith KJ7MIQ [kj7miq@gmail.com](mailto:kj7miq@gmail.com)

## KAR EDITOR

Bobbye Mills KA7MIZ [ka7miz@dmbam.com](mailto:ka7miz@dmbam.com)

## MARA EDITOR

Cary Gielniak K7CFG [cary.gielniak@gmail.com](mailto:cary.gielniak@gmail.com)

## MARCA EDITOR

Clark Jones KI7TU [ki7tu@cox.net](mailto:ki7tu@cox.net)

## MMRG EDITOR

## NADXA EDITOR

Ron Gerlak KG7OH 480.356.3663

## OVAR EDITOR

Steve Wood W1SR [nauset2222@yahoo.com](mailto:nauset2222@yahoo.com)

## QCWA EDITOR

Carl Foster KB7AZ [carlfoster@cactuscomm.net](mailto:carlfoster@cactuscomm.net)

## SAR EDITOR

Gene Geller K0VN 612.670.9358

## Sunlife EDITOR

Doug Ward K7AEZ [dwardusa@gmail.com](mailto:dwardusa@gmail.com)

## Superstition ARC EDITOR

Larry Kuck WB7C [editor@us60.us](mailto:editor@us60.us)

## TBAR EDITOR

Mark Heroux N1MAE [n1mae@arrl.net](mailto:n1mae@arrl.net)

## WVAR EDITOR

Bob Conlin KJ7JNR [tallbob14@gmail.com](mailto:tallbob14@gmail.com)

## YAR EDITOR

Don Bauer WB7TPH [dbauer2250@aol.com](mailto:dbauer2250@aol.com)

## ADAW EMAIL

[adaw@adaw.org](mailto:adaw@adaw.org)

## ADAW WEBSITE

[www.adaw.org](http://www.adaw.org)

The *Arizona Desert Aire Waves* is published monthly and is the official news media of the sponsoring clubs. All news items, articles and inquiries 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**

Although most of you have probably heard by now, I am sorry to report that Lori, WA7EDI, became a Silent Key on Wednesday, November 8, 2023. She had an event on Tuesday evening, November 7, that resulted in me calling 911 to get her to the hospital. She stopped breathing a few minutes before the medics arrived, but responded to their CPR. She was on life support through the night, but tests showed extensive brain damage so we agreed to stop it at 3:00 PM when she peacefully passed.

We did have a nice Celebration of Life service for her at our church on December 4, 2023 with about sixty attending. In addition to my eulogy, about a dozen others got up and shared experiences they had with her. Her closest relative from Wyoming came for a few days.

I met Lori and her husband Ray, WA7EDH when they moved to Phoenix from Michigan. Ray took a job in the Antenna Section of Motorola, the same group where I was working. Some of us talked with our mobiles to and from work and started meeting for breakfast about once a month. That's when I got to know Lori, about 55 years ago.

She has been active in this club and a few others, attended retired teachers' monthly lunches, went with me to church, and even took some ballroom dance lessons when I went to take mine. We will miss her smiling face and happy disposition.

73, Gary Hamman, K7GH



*Lori was a dear personal friend. She was also a dedicated writer of ADAW's AARC column. I will miss her. Rest in peace, my friend.*  
73 & 88 - Chris

**ADAW**



## Public Service Calendar

### Maricopa County Emergency Communications Group Events

EVENT	LOCATION	DATE
Xterra White Tank Trail Run	White Tank Park Wadell, AZ	01/14/2024
Xterra McDowell Trail Run	McDowell Mtn Regional Park - Fountain Hills	02/04/2024
Black Canyon 100K	Spring Valley to New River	02/10/2024
Lost Dutchman Marathon	Apache Junction	02/18/2024
PVGS RCC Evaluation Exercise	TBD A West Valley HS	03/14/2024
Xterra Black Canyon Trail Run	Black Canyon City	03/17/2024
Crown King Scramble	Lake Pleasant - Crown King	03/23/2024
Zane Grey 50 Mile UltraRun	Mogollon Rim N. of Payson	04/27/2024
AUXCOMM Class Interest	TBD	12/31/2024
Comt Class Interest	TBD	12/31/2024
RADO Class Interest	TBD	12/31/2024

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.



#### *AOCC Continued from Previous Column*

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.

#### AOCC accomplishments –

We are still waiting for published results for a couple of contests.

From a claimed score perspective, ND7K broke the zone three record for the CQWWCW contest. N6SS sits at #1 for Single Band 10m Assisted High Power.

Keep posting your scores. We welcome all who wish to join the ham contesting/radiosport world.

73, Mike KC7V

Led by Chuck, KF7U, AOCC has moved our reflector to groups.io. This gives us more features such as attachments. If you are an AOCC member and have not received an invite, reach out to Chuck at [Chuck\\_KF7U@outlook.com](mailto:Chuck_KF7U@outlook.com)

CQWWCW was a great contest this year. Despite some disturbance on Saturday, the bands did not seem to suffer as much as we thought they would. Sunday the propagation was fantastic. The club put up an awesome claimed number in this contest. The 10M contest should be fun too. Last year AOCC was #1 in the USA for our class. Let's hope we can repeat the effort. Conditions in the ARRL 160 CW contest were terrible. We do not expect it to be great with good sunspots, but this contest was one of the worst that I can remember. The spring contest season is coming up fast. Plan now for the ARRL CW and SSB contests.

We are looking to make the ladder easier to manage. We will be cutting some of the lesser used awards. In lieu of raising dues we are cutting costs out of the budget. As you know, just about everything has gone up in cost the past year. We may consider an alternative to the ladder so if any of you have suggestions please let me know.

Please start thinking about holding a position on the AOCC board. John, N1JM, replaced Larry KE2VB, as secretary treasurer. We thank Larry for the tremendous job he has done over the years and thanks to John for stepping up.

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 – RX Antennas for the low bands. The lowband season is in full swing. We've talked about this subject before. Hearing on 80 and 160 is critical for success on these bands. There are various receive antenna configurations. VE6WZ recently released a couple of videos on his beverage on the ground setup that is excellent. There are also small antennas like the pixel loop and RX vertical receive arrays that are extremely effective. Several AOCC members have had good success with the K9AY RX array and a DHDL. These do not take a lot of space. Something to consider to improve your lowband performance.

Our members include elite contesters who have operated from many DXCC entities around the globe as well as

*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). An FCC-issued FRN number is required. If you do not have an FCC-issued FRN number, visit <https://apps.fcc.gov/coresWeb/publicHome.do> to obtain one. 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 an exam 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.

## January Test Sessions

### Jan 1st - 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

### Jan 2nd - Prescott VE Sessions -- 5:00 PM

Prescott Public Library, 215 E Goodwin-second floor, Prescott  
Contact - David Erlach 928.239.1083  
No Walk-Ins / Register or Call Ahead

### Jan 6th - Chandler Ham Radio Club -- 10:00 AM

Tri-City Baptist Church, 2211 Germann Rd, Chandler  
Bldg D, Room 170  
Contact - Byon Garranbrant [ve@chandlerhams.org](mailto:ve@chandlerhams.org)  
Walk-Ins Allowed / Registration or Call Ahead  
Register at: [chandlerhams.org/testing/](http://chandlerhams.org/testing/)

### Jan 6th - K7ARC VE Team -- 10:00 AM

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

### Jan 8th - MCC ARCK7CC & East Valley VE Group -- 6:00 PM

Mesa Community College Bldg TC50, 1833 W Southern Ave, Mesa  
Contact - Ray Vasquez 602.363.4207

### Jan 8th - Radio Society of Tucson -- 7:00 PM

Immanuel Presbyterian Church, Witherspoon Hall  
252 E 22nd St, Tucson  
Contact - Diane Zimmerman 520.664.5070

### Jan 16th - HARK -- 2:00 PM

Congress, 30736 S Wandering Way, Congress  
Contact - Duane Grooms 602.814.9603  
No Walk-Ins / Register or Call Ahead

### Jan 16th - Green Valley ARC -- 1:30 PM

Green Valley Fire Dept. HQ, 1285 W Camino Encanto, Green Valley  
Contact - David Bowen 520.526.2104

### Jan 16th - Boy Scout Troop 127 -- 7:00 PM

St Francis Xavier School Common Rm, 4715 N Central Ave, Phoenix  
Contact - John Kelly 480.823.8993

### Jan 16th - MARCA ARC -- 5:00 PM

Denny's, 4403 S Rural Rd, Tempe  
Contact - Ray Vasquez 480.696.1581  
MUST obtain FRN prior to exam - \$15.00 Exam Fee Cash Only

### Jan 19th - Oro Valley ARC -- 5:30 PM

Pima Community College, 7600 N Shannon Rd,  
Bldg A, Room 108, Tucson  
Contact - Steven Wood [Steve.wood.tucson@gmail.com](mailto:Steve.wood.tucson@gmail.com)

### Jan 20th - MCC ARCK7CC & East Valley VE Group -- 6:00 PM

Mesa Community College Bldg TC50, 1833 W Southern Ave, Mesa  
Contact - Ray Vasquez 602.363.4207

### Jan 20th - 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

### Jan 27th - 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 session



## Hamfest Calendar

13 January 2024 - **Thunderbird Hamfest and Electronics Swap Meet** - hosted by the Thunderbird Amateur Radio Club will be held at Haven Church, 5902 W Cactus Rd in Glendale. Hours are 8:00 AM - 12:00 Noon. Admission - \$5.00 each which includes a door prize ticket. Commercial Vendor set up Friday after 5:00 PM and/or Saturday at 6:00 AM. Tailgaters and Clubs set up Saturday after 7:00 AM. Space are \$10.00 for each space used or blocked. Two admissions tickets included with space. Food provided by Queso Good - Quesadilla Truck. See the web site at [tbirdfest.org](http://tbirdfest.org) for more details.

21-27 January 2024 - **Quartzfest** - will be held at the Roadrunner BLM 7 miles south of Quartzsite. A full week of ham radio activities, seminars, off-road rides, swap meet, and flea market shopping. Totally Free! Check the web site at [www.quartzfest.org](http://www.quartzfest.org) for details.

17 February 2024 - **WVARC Ham Radio Swapfest-Tailgate** - hosted by the West Valley Amateur Radio Club will be held at the Shepherd of the Desert Lutheran Church South Parking Lot, 11025 N 111th Avenue in Sun City. No Charge for Buyers & Lookers. \$10.00 per space for sellers - \$15.00 per space for Vendors. All items sold "As Is." Only leashed pets permitted. No Guns, Drugs, Alcohol or Fireworks. Contact: Rolf, KG0KM at 715.828.8860 or email: [bigorsk@hotmail.com](mailto:bigorsk@hotmail.com) for more information.

24 February 2024 - **GVARC Hamfest** - hosted by the Green Valley Amateur Radio Club will be held at Valley Presbyterian Church, 2800 S Camino Del Sol in Green Valley. Hours are 7:00 AM until noon. Free Admission. \$5.00 per table with fee going to the Valley Presbyterian Church. Bring your own table, Chairs & Canopy. Refreshments Available. Visit the web site at [www.gvarc.us](http://www.gvarc.us) for more.

16 March 2024 - **Scottsdale SpringFest** - hosted by the Scottsdale Amateur Radio Club will be held in the Fender Parking Lot, 17705 N Pacesetter Way in Scottsdale. Gates open to Public at 7:00 AM. Vendor Set up at 6:00 AM. Admission \$5.00 per person. Vendor Spaces - \$20.00 for 2 Parking Spaces - (Enter at 17700 N Perimeter Drive). Raffle Prizes, Hourly Drawings, Refreshments. Talk-In: 147.180+PL162.2/440+PL100/443.575+PL100 South Mountain. For More info visit <http://www.scottsdalearc.org> or contact Bill or James at [hamfest@scottsdalearc.org](mailto:hamfest@scottsdalearc.org).

30 March 2024 - **Hamfest and Electronics Swap at DeVry** - hosted by the Arizona Amateur Radio Club and K7ARC AZ Red Cross Communication Club will be held at DeVry Institute, 2149 W Dunlap in Phoenix. Watch for more details.

6 April 2024 - **Tucson Spring 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 - 11:00 AM with seller set up starting at 6:00 AM. Admission and Parking are Free. Seller/Vendor spaces are \$10.00 per parking space. Seller spaces are shaded. Morning snacks provided by Scout Troop 157 and Pack 705. For map and morning information, visit the web site at <http://www.k7rst.org>

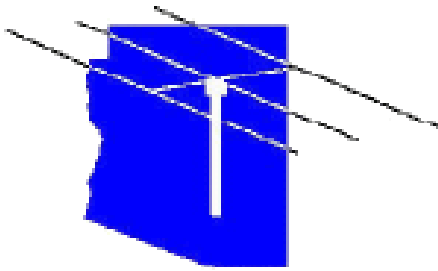
20 April 2024 - **Prescott Hamfest** - hosted by the Yavapai Amateur Radio Club will be held at Granville Elementary School, 5250 Stover Drive in Prescott Valley. Hours are 8:00 AM until 12:00 Noon. General Admission is \$5.00 per person. Full time students with student ID and those 16 years and younger are free. Swapfest spaces are \$10.00 each with a maximum of 3 spaces. Pre-registration for spaces is advised - [www.prescotthamfest.org](http://www.prescotthamfest.org). RVs, Campers, and Trailers will not be permitted due to limited space. Sorry - No guns, Drugs, Alcohol, Smoking, Vaping, or Fireworks. Only leashed animals are permitted. visit [www.prescotthamfest.org](http://www.prescotthamfest.org) for additional details

May 4, 2024 - **Cochise Hamfest** - hosted by the Cochise Amateur Radio Association will be held at the club site, 2756 South Moson Road in Sierra Vista. Gates open at 7:00 AM. Free Admission and Parking. Tailgating - \$5. Inside Table - \$10. VE Testing from 9:00 until 11:30 AM. Coffee, Pastry, and Drinks Available. Hourly Prizes with Main Prize drawing at 12:00 Noon. Talk-In on 146.76(-) Pl 162.2 Hz.

**July 19-20, 2024 - Flagstaff Hamfest** - hosted by the Northern Arizona DX Association. Grand Prizes, Hourly Prize Drawings, Tailgating, Lunch On-Site, Presentations, Inside Vendors, VE Exams, 2-Meter Talk-In. Watch for more details. For more information, visit the website at [FlagstaffHamfest.org](http://FlagstaffHamfest.org) or [NADXA.com/Events/Hamfest.org](http://NADXA.com/Events/Hamfest.org). Or send an email to: [President@NADXA.com](mailto:President@NADXA.com)

ADAW





MARCA INC.

Please be sure to ALWAYS check our website [www.w7mot.org](http://www.w7mot.org) for updates to meeting places AND dates!

Our meetings are normally the third Tuesday of the month and everyone is welcome to join us. We meet at Denny's Restaurant, 4403 S Rural Rd, Tempe, AZ 85282 – which is at the southeast corner of Rural Rd and U.S. 60. Or see our website for attending via Zoom. The meeting begins at 6:30 PM MST, usually preceded at 5:00 PM by a test session. (Please register in advance if you wish to take a test so that we can assure that we have at least the minimum number of VEs present.)

Our November meeting was a week earlier than usual, as our speaker was not going to be available the evening of November 19, but was available for November 12. Our speaker was Ned Sterns, AA7A, who spoke on his experiences with Earth-Moon-Earth communications (also known as EME or "Moon Bounce"). It was a very entertaining presentation, as is usual for Ned!

We held an exam session before the November meeting with 3 candidates. One of them passed the Technician exam, one upgraded from General class to Amateur Extra class, and the third went all the way from no license to Amateur Extra class in one go. Congrats to all three, especially as out of the 5 exam elements taken, there was not one single wrong answer! In my few years as a VE, I'd say off hand that of the answer sheets I've graded, fewer than 1 out of 10 have been "perfect." These three candidates were certainly well prepared for the test!

In December, we joined with Scottsdale Amateur Radio Club for a "Holiday Dinner." This year it was at the Elks' Club in Scottsdale. There was a very interesting presentation on Astronomy.

Remember to check our website – [www.W7MOT.org](http://www.W7MOT.org) – for details on signing up for our monthly exam sessions, or to attend the meeting via Zoom, and to confirm the date and place of the meeting! (We do encourage people to show up in person and join us for supper – it helps keep the restaurant happy!)

Clark Jones, KI7TU

ADAW



Thanks to everyone for a wonderful Hamfest. Special thanks to so many people including Bev-WB7BEV, Walt-AL7KE, Gerry-KK7HTF, Joe-KC2J, Fred-W2HZ, Ralph-KC7QXD, Brian-W4ES, Pete-AC7ZL, Roger-K7ROG, James-KH6CN, John-KA0LCD, Paul-KI7HLO, Don-KA2IYU, Carl-KB7AZ, Wally-W7JCP, Steve-N7AZT, Kiersten-KI7FZO, Eddy, Mike-K7VTT, Bruce-WA1BZQ, Gary-AA7GW, Dave-KC7AA, Jon-KF7WJC, Hanna-KG7TPD and Ross-K4WBR. I am no doubt forgetting a few and to those I haven't mentioned, please accept my apologies and gratitude. I am also grateful for all of the tailgaters and travelers that came to attend our Hamfest. It keeps getting better and without you this event would not be a success. As always, we are more than welcome to hear your comments and input in hopes of improving and expanding our event in the future. So please feel free to send me your thoughts (W1SR@arrl.net).

Thanks to Gerry KK7HTF, we participated in the SARSEF event at the Pima Community College. There were many, many students there from schools all around Arizona experiencing various STEM demonstrations. Thanks to Walt-AL7KE, Don-KA2IYU, Jonathan-K2KKH, Ralph-KC7QXD and Paul-KI7HLO for getting everything off the ground. I think the kids had a great time and we did too.

We are still looking for ways to link our 4 FM analog repeaters using a non-Internet scheme. If you happen to have knowledge of this or can offer a suggestion on how we can get this accomplished, please get in touch with me (W1SR@arrl.net). We would like to see all of our repeaters linked as they were some years ago but using something more reliable than the Internet.

Last Sunday, December 3rd, OVARC held its annual Holiday Christmas Party. Thanks to Joe-KC2J, we found an excellent venue for the event. Thank you also to Dave-N7AKC for making the food arrangements with Kevin. Everyone really seemed to enjoy themselves. Thank you again to everyone.

I think everyone is looking forward to the holiday break. This often brings about an opportunity to get on the air. We are looking forward to our annual meeting in January and we also hope to have another outing in January perhaps around the SSB QSO party on January 20th. Please check our website at [www.tucsonhamradio.org](http://www.tucsonhamradio.org) for more details.

Merry Christmas and Happy New Year to ALL  
73, Steve – W1SR





**NADXA Continued Previous Column**

START	END	QTH	CALL
2024 Jan11	2024 Jan25	St Kitts & Nevis	V4
2024 Jan11	2024 Jan30	Montserrat	VP2MDX
2024 Jan12	2024 Jan18	Palau	T8
2024 Jan12	2024 Jan20	Ethiopia	ET3AA
2024 Jan16	2024 Feb04	St Helena	ZD7Z
2024 Jan17	2024 Jan24	Dominica	J79
2024 Jan18	2024 Feb01	Clipperton I	TX5S
2024 Jan19	2024 Jan31	Aruba	P4
2024 Jan25	2024 Feb12	Yemen	7O2WX

The NORTHERN ARIZONA DX ASSOCIATION is a DX club and so much more. We participate in contests, educational and special events, goodwill projects and we host the Flagstaff Hamfest. Our monthly meetings are on the first Tuesday of the month, at 6:00 p.m. MST. We use Zoom for our regular meeting and we also have a casual weekly rag chew on ZOOM at 9:00 a.m. every Wednesday where we talk about club projects, equipment, problems or whatever. Everyone is welcome to attend. E-mail [president@nadxa.com](mailto:president@nadxa.com) for the Zoom links. We would really enjoy having you join us!

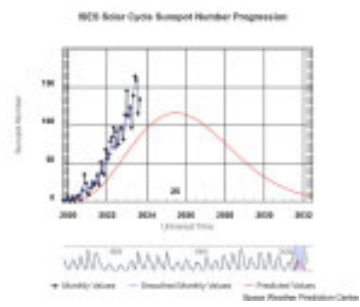
For more details check out our club website. <https://www.nadxa.com/>



**DX IS - HOW TO WIN**

The secret is here!

The Arizona Lottery says “You can’t win if you don’t play” and so it goes with DX and ham radio contests. boB 340, NF7E placed #1 in low power, SSB in the 2023 KSQP. Did I mention that he participated in so many state QSO parties that I can’t mention them all here. He also completed 10,201 contacts in the first 11 months of this year. “You can’t win if you don’t play” This is not an endorsement for the lottery – just a ham radio fact. BTW The 340 in boB’s name is due to his confirming all 340 entities!



Cycle 25 is being good to us and December will be another good month for DX. These stations are planning to be on the air. You can find more info on these and other “Announced DX Operations” at <https://www.ng3k.com/misc/adxo.html>

START	END	QTH	CALL
2023 Dec26	2024 Jan05	St Vincent	J8TT
2023 Dec27	2024 Jan06	Rodrigues I	3B9AT
2023 Dec28	2024 Jan11	Namibia	V5
2023 Dec29	2024 Jan16	French Guiana	TO2FY
2024 Jan01	2024 Jan05	Svalbard	JW
2024 Jan03	2024 Jan10	Honduras	HR9
2024 Jan11	2024 Jan24	Barbados	8P9CB

**CONTESTS & SPECIAL EVENTS**

The NORTHERN ARIZONA DX ASSOCIATION has at least three members in the top 100 in Arizona VOTA. Two of them are in the top 10. Watch the VOTA results on the ARRL web site when 2024 arrives and see if Ken, W7SS, can hold on to the 7th spot and if boB, NF7E can remain in 4th place. Good luck guys!

NADXA is at it again - sponsoring the Distance Challenge at Quartzfest for the fifth year. Come join us on January 21 – 27, 2024 at the Quartzfest and enjoy a week of free desert camping, thousands of \$\$ in “Challenge” prizes and free drawings given away at the daily “Happy Hour” campfire and the closing ceremonies. The entrance to the event, the full week of camping, the Distance Challenge, drawings, door prizes, off-road trip, antenna walk-a-bout, dog parade and numerous other activities. Something for everyone - 54 sessions scheduled and all are free. More info at: <https://quartzfest.org/2023-quartzfest-schedule-1> Please come to Quartzite and join us. Watch here next month for the Challenge results and pictures of the winners.

Quartzfest 2024 is held on BLM land on SR95 about 5 miles south of Quartzite, AZ on January 21 – 27, 2024. See their flyer in the hamfest flyer section on this newsletter or visit their website at <https://quartzfest.org/>.

The NADXA Communications trailer will be set up with three complete stations available for visitors to operate as W7Q, using SSB, CW or FT8 on any band 10 - 80 meters and enter the Distance Challenge. If you are a seasoned ham come on out and operate the W7Q special event station or if you are new to HF – this is the place to get some pointers. The antennas available will be a tri-bander, EFHW and the new SteppIR Inc. “PreppIR.” The PreppIR dipole antenna, valued at \$1,865, is new to the SteppIR product line and will be given away to the lucky drawing winner at the “Happy Hour” closing ceremonies. We will take ALL the DC entries and have a drawing at the closing ceremonies and someone will win that QuartzFest field tested antenna. That is exciting! The winner must be present at the closing ceremony and if a ticket is called and no one claims it, we will continue to draw entry names until it is won. Yes, you can only enter the Distance Challenge and

*Continued Next Column*

*Continued on Page 13*

**NADXA Continued from Page12**

the FREE drawing for the SteppIR antenna if you attend Quartzfest. This event has so much to offer. The StippIR PreppIR is pictured here being tested on a houseboat in Lake Powell. The winner of the drawing gets the antenna, but must supply their own boat, RV or whatever.

**SteppIR**



The Distance Challenge <https://nadxa.com/activities/qfdc-24-announcement.html> (Jan 22, 23 & 25, 2024) will have four categories with prizes awarded to the first place and runner-up

in each category. Winners will each receive a special recognition hat and other prizes. To kick off the Challenge, BIOENNO has donated four batteries and chargers valued at \$160 each to be given away to the longest distance contact made (one for each entry class) on the first day, the Bioenno Distance Challenge Day, of the 3-day DC event. That is an extra \$650 in prizes on day one (Monday Jan 22nd) of the Challenge. All the information for the Distance Challenge is on our club website at [www.nadxa.com](http://www.nadxa.com).



Bob Wertz, NF7E, Distance Challenge Chairman (928-600-6813)

Lou Armino, W7KFT, DC Co-Chairman Northern Arizona DX Association Flagstaff, Arizona

GUD DX & 73,  
Ron Gerlak, KG7OH  
Northern Arizona DX Association  
NADXA Editor



**National Popcorn Day  
January 19th**

**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.

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: TBD

**Wanted**

Looking for a set of "Spider" antennas. Contact John, K2AOP at [k2aop@arrl.net](mailto:k2aop@arrl.net) or [k2aop.7@gmail.com](mailto:k2aop.7@gmail.com) or by text to 480.991.0124



**Martin Luther King Day  
January 15th**



Greetings from Arizona's Christmas City! The parades were electric, the streets were filled with dancers and songsters, the bandstand scene was uncovered, the Christmas Story was read, the switch was flipped and the Courthouse Plaza came to life with thousands of blinking lights and icicles. The Season is upon us! All the best to you and yours.

Sometimes you have to look back so that you can continue the journey forward. For YARC, 2023 was a very busy year and one worthy of acknowledging all the goings on. The club held two, two-day Technician Classes and General classes and had seven testing sessions with numerous Technicians and upgrades to General and Extra. Congratulations to all the new Hams and upgrades!

We had three Special Event Stations this year starting with the Arizona Statehood Station set up for our Youth Club at the Sharlot Hall Museum. Contacts were made by our youth around the country and they had a guided tour of the museum. Next was the N7GMH SES for the Granite Mountain Hotshot 19 that died in the Yarnell Fire on June 30, 2013. The third SES was in celebration of the NRA birthday on November 17th each year. The club uses the call, K7GST, with permission from Owen Mills, President of Gunsite. SSB is done from the Gunsite Academy site and CW is done from the YARC station. YARC also sponsors the AZ-WAC Award and is especially busy after the AZ QSO Party weekend.

Our Elmer group does site surveys, antenna installations and removals, Silent Key estate evaluations and deactivations, coax runs, grounding, mobile installs and assists with the Youth Club and YARC activity set ups and take downs. Always busy after testing sessions and holidays, the Elmers had right at 140 hours of assistance. In addition to the Elmers, our Mentors reach out to each new member to assist in referrals, hands on instruction, and making sure resources are available to them to continue to grow in the field of Amateur Radio.

YARC does Public Service Events! In 2023 we participated in nine (9) Public Service Events from April through October. We had 243 volunteers putting in 3,140.5 hours of time for these events. Those hours do not include the hours YARC members volunteer during the week-long Frontier Days and the Prescott Rodeo events.

The YARC Hamfest and Field Day were both very successful events. Field Day and Youth Radio Science Day were held at the Jeep Posse Site and we had around 240

### *YARC Continued Previous Column*

participants in all things Radio Science. From CW, SSB, radio-controlled rovers, drones, and boats, a Bluetooth controlled skateboard, flashing name tags and Red Cup Bots as well as solar powered race cars were built by those in attendance and prizes were given out to those who participated by having a card signed off at each station during the day. Our Prescott Hamfest was another successful adventure. The consignment booth sold almost all of what they had to offer, lots of hourly prizes were given out, the Grand Prizes were awarded, vendors were busy and the club made a few thousand dollars to roll out for next year.

Each month after our first Thursday of the month meeting, we have the Friday Club Station Open House and the weekend FOX Hunt. Both events have been well received and continue to grow. The FOX Hunt crew even had a few extra days for the Youth Club who built not only their hunting antennas, but also some very creative looking transmitters.

So, looking forward to 2024 we are! We have a few new Officers and Board of Director members, we have new club members, we have started the scheduling for classes, VE sessions, SES events, Public Service Events, Field Day, Hamfest 2024, and continuing to advance the benefits of Amateur Radio in the community.

Thank you to all who participated, sponsored, attended or otherwise interacted in some way with YARC in 2023. We wish you health and happiness in 2024 and may all your contacts be 599 or 59+. Stay Radio Active!

W7YRC

**ADAW**



**National Spaghetti Day!  
January 4th**

*Continued Next Column*





### **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. The Harkins Ham Shack 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. The ham shack hours are manned by our volunteer staff who are typically in the shack until 2:00 p.m. You can also learn more about CARL by searching our W7ASC callsign on [QRZ.com](http://QRZ.com).

#### **Roof Work at W7ASC**

On Thursday, 14 December, CARL volunteers Mike WB4ZKA and Rusty WA8ZID plus Daniel, an interested Arizona Science Center technician, went up on the roof of the 4th floor to install ferrite clip-on chokes on the HF antenna coax feedlines to help alleviate some of the noise that we pick up in the downtown Phoenix area. This installation included the tri-band beam, the HF vertical, and the two wire antennas. This was the first time anyone went up on the roof to look at our antennas since before our brutal summer of 2023.

While they were up there, they also serviced the satellite antennas. First, they aligned their elevations so they both point in the same direction. Sam N7INV and Jack KD7ROB were stationed down in the shack. Sam operated the satellite controller per instructions from above. Jack handled the crowds from several field trips that visited our Ham Shack on school field trips as normal. After analyzing the situation, Rusty came back down to the shack and adjusted the controller to optimize the elevation and azimuth rotation so the satellite antennas point in the right directions and rotate at the best of their well-aged capability. Mike and Daniel continued to be stationed on the roof to provide alignment feedback to Rusty. Unfortunately, the azimuth rotator sounds noisy and raspy and is likely nearing its end of life. Mike and Rusty are already discussing how to improve the situation.

#### **New CARL volunteers**

CARL welcomes two new volunteers helping us at the Harkins Ham Shack! Thanks for joining us!

Steve WB4ZSC had a previous stint with CARL/W7ASC

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

and we are glad that he is back helping us. Steve contributed much to our group in the past including authoring an article published in the February 2016 QST about our club’s efforts. Steve is now working on Fridays with Jack KD7ROB.

I met Rod WB9KMO during his (and Steve’s) volunteer orientation with the Arizona Science Center. Rod is active with the AZ Mesh group, so he will be a great resource as we move forward into this technology at W7ASC. Rod teamed with Paul KI7LW and Gary N4WU on Mondays to learn W7ASC’s daily operations and will now move into being our volunteer at the station on Sundays. (FYI - We still need a Saturday volunteer!!).

#### **Volunteers Needed**

CARL needs new volunteers to allow us to reach more Arizona Science Center visitors to help create an interest in ham radio and its associated technologies. We would love to hear from you if you want to help us with our ham radio and STEM outreach mission.

If you want to share your love of amateur radio with the interested and inquisitive visitors to the Arizona Science Center, then please join the Center for Amateur Radio Learning as a volunteer at W7ASC. You can also learn more about CARL by searching on our W7ASC callsign on [qrz.com](http://qrz.com). On our QRZ page, you will find a link to an application to volunteer at the Arizona Science Center (be sure to note on the application that you want to volunteer at the ham shack). You can also learn more by contacting your editor Sam N7INV at [w7asc.sked@gmail.com](mailto:w7asc.sked@gmail.com) or by contacting CARL’s president Jack KD7ROB at [jacklandon17@gmail.com](mailto:jacklandon17@gmail.com).

73 de N7INV Sam  
602.291.0992  
[w7asc.sked@gmail.com](mailto:w7asc.sked@gmail.com)

**ADAW**



**National Pie Day!  
January 23rd**

*Continued Next Column*



*ARA Continued from Previous Column*

**Tech Committee**

**White Tanks**

John Braden, K7LKL and Bill Jackson, N9VJW visited the White Tanks December 9 for a site check.

**Planned activities**

**Scottsdale Air Park**

The VHF radio remains operational in standalone mode. This location remains off line to Metrolink while the tech committee works to restore functionality. Lance, KW7LH, has prepared a replacement link radio and will be scheduled for installation as soon as possible.

**Greens Peak**

Based on the findings of the October 7th trip to Greens Peak the tech committee has determined the antenna should be replaced. Lance, KW7LH prepared a VHF Super Stationmaster omni antenna as a replacement. Dennis, AE7WU will sweep the antenna before it is installed. The antenna will be replaced when the tech committee schedules the next trip. The repeater remains operational.

**Shaw Butte**

The tech committee will be evaluating the backup batteries for possible replacement.

**ARA UPDATED Repeater Frequency list and Repeater maps**

Mike Montalvo, KF7MBK, has updated the frequency list and maps for the ARA sites.  
[https://www.w7ara.org/mbk/ARA\\_Frequencies.pdf](https://www.w7ara.org/mbk/ARA_Frequencies.pdf)  
<https://www.w7ara.org/mbk/>

The ARA Board of Directors and Members wish the Amateur Radio Community a Happy New Year 2024.

**ARA Board 2024 Election results**

President Dennis Bietry, KE7EJF [ke7ejf@w7ara.net](mailto:ke7ejf@w7ara.net)  
VicePresident Marty Dusenberry, KE7DGP [e7dgp@w7ara.net](mailto:e7dgp@w7ara.net)  
Treasurer Cole Cunningham, AA7RD [aa7rd@w7ara.net](mailto:aa7rd@w7ara.net)  
Secretary James Hoff, N7XXX [n7xxx@w7ara.net](mailto:n7xxx@w7ara.net)

**Board Members**

Bill Jackson, N9VJW [n9vjw@w7ara.net](mailto:n9vjw@w7ara.net)  
Brian McCarthy, AK7F [ak7f@w7ara.net](mailto:ak7f@w7ara.net)  
Dennis Campbell, AE7WU [ae7wu@w7ara.net](mailto:ae7wu@w7ara.net)  
Lance Halle, KW7LH [kw7lh@w7ara.net](mailto:kw7lh@w7ara.net)  
James Wasson, N7ELL [n7ell@w7ara.net](mailto:n7ell@w7ara.net)  
Joe Bakas, KE7WHE [ke7whe@w7ara.net](mailto:ke7whe@w7ara.net)  
Joe Godfrey, AE7JG [ae7jg@w7ara.net](mailto:ae7jg@w7ara.net)  
Mike Montalvo, KF7MBK [kf7mbk@w7ara.net](mailto:kf7mbk@w7ara.net)

**Membership - <https://www.w7ara.org/rcu/welcome.aspx>**

You can join the ARA to support these open repeaters! Membership is \$20 per year. Membership info is available at <https://www.w7ara.org/mbr/Membership.aspx> or by email to [membership@w7ara.net](mailto:membership@w7ara.net)

**General Meeting Programs**

Join us at our next General Meeting in person or virtually. ARA general meetings are held on the fourth Thursday of the month. Our in-person meeting is at the Denny's at Priest and Broadway in Tempe. If you can't join us in person, our ARA virtual meeting is the next best thing to being there - without the food. Follow the link below for more details.  
<https://www.w7ara.org/mtg/Meetings.aspx>

**Upcoming Meeting Programs**

January 2024 Gary, AC7R will be presenting RF Direction Finding  
February 2024 Rod, WB9KMO will be presenting Amateur TV  
March 2024 Clark KI7TU will be presenting DC to Daylight and beyond!



*Continued Next Column*



## **New Club Meeting Location – Tuesday, January 16, at 6:30 PM**

**NEW LOCATION:** Red Mountain Multigenerational Center, Rooms 5 and 6. The address is 7550 E Adobe St., in east Mesa. Adobe is the half-mile road north of University Dr. and south of Brown Rd.

Visitors from the West using University Dr, travel east to Power Rd, then north on Power for a half mile to Adobe St, then east past Sunvalley Blvd, to the Center on the left.

Visitors from the East using University Dr, travel west across the Red Mountain 202 Freeway to 80th St, then north on 80th for a half mile to Adobe St, then west to the Center on the right.

Visitors on the 202 can exit to Brown Rd westbound a short distance to 80th St, then south to Adobe and west to the Center. Both University Dr and Brown Rd have traffic lights for 80th.

The doors will open at 6:00 PM. The new start time of 6:30 PM allows us to end the meeting by 8:30 sharp. We must be out of the room by 9:00 PM, the Center's closing time.

The Red Mountain Center will be our new home for at least six months while the City renovates the Charles K. Luster Building.

## **January Junque Auction Moves to April**

The club's auction meeting has been moved to April, as reported at the November meeting of the club. Winter visitors are due to head to their summer homes and may want to unload some goodies, as I recall the discussion.

## **2024 Board Election Results**

The club elections are held online through [www.HamClubOnline.com](http://www.HamClubOnline.com). An election ballot email goes out to all members in early November from the site. The election closes at 8:00 PM during the November club meeting and a tally of the results is emailed from HCO. Here are the officers that you members voted in for 2024:

President: Steve Estes KB7KWK; Vice President: David Gardner KC7MAD; Secretary: Scott Simeon KI7KIM; Treasurer: Jack Sheldon KN7Y

Seven Directors: Ed Taggard K7EDT; Matt Churchill K7YEG; Brent Butler W7FK; Jeff Heinz N7CCW; Eve Glantz W7EVE; John Jacques KD8PC; Larry Fort AB7C

Five Runners Up for the office of Director: Jim Lannon NK2J; Doug Brown AG7KU; Rick Blake KK7HNE; Chris Heavens W7AMD; Charles Jennings K7MTF

Eve Glantz W7EVE received one vote as a write-in candidate for each office of President and Vice President. She won a seat on the Board. Had she also won an election for higher office, she would vacate the Board seat and take the highest office won.

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

A first-name-only write-in for "Andy" received one vote for President.

## **The President's Corner**

Steve KB7KWK (December Communicator)

Here we are at the end of the year already. Boy, does time fly these days. This is a very busy time of the year for the club's board of directors. We have a lot of things to get done before the end of the year, and it's always hard with the hamfest this month.

There is also the end of the year budget to look at, as well as setting budgets for next year. At the same time, we are transitioning to new officers and board members.

The club had a busy year which has cost a lot of money. Some big expenses were:

- Lost Eden tower project for the Field Day site
- Major damage to the Stone Castle tower
- Paying a company to rebuild our club websites
- Purchase of a new generator

We also switched to using credit cards for most of our sales in the club, mostly for the hamfest. We also had to buy six tablets to use for credit card transactions. And the list goes on.

We have spent around \$18,000 altogether this year. This is the most money ever spent by the club in one year! However, I think it is well worth it. We have a large club, and this is what it takes to keep things going and to improve the club. We still have items to purchase next year for the Lost Eden project, and we will be asking for any donations to help out. This site is a great place for the club to hold Field Day, and we are very fortunate to have it.

I was voted in once again as President. This will be 15 years as your President and I will continue to do the best I can for the club. I would like to congratulate all the new board of directors and officers who accepted their nominations and were voted in. I never stress enough how important it is to have a good team working in the background of the club. That goes for all those who work hard that you rarely see or hear from that are not on the Board.

There are people that work on the club's emails and website stuff, and of course there is the Tech crew. Without them working on the repeaters and other things, we would have no communications. I would like to thank all of them. We now have around 12 people on the team.

Some club members have been asking about the club website and why it is not updated. Because of the hamfest, we wanted to build that site first and asked the web designer to hold off on the main website. After the first of the year we will have them start working on the main website. That being said, you will see a whole new look on the club's main website around the end of January.

I hope to see a lot of you at the SuperFest on December 2nd. The hamfest team has been working hard all year to organize the largest hamfest in the southwest. There have been a lot of changes and challenges this year. Please, if you can help out with this event, even if for a half hour, please do so. One of the biggest



*Superstition Continued from Page 18*

challenges with such a large event is getting our club members to volunteer. It's a ton of work and we can use all the help we can get.

This will probably be our last year holding the hamfest in the city of Mesa. We will discuss that at the Christmas party. Speaking of the Christmas party, that will be December 13th at the Golden Corral starting at 6:30 PM. That's at 1318 N Cooper Road in Gilbert. I hope to see all of you there.

73 for now, and I will catch you on the air.

**Deadlines To Include Your Input In Our Publications:**

We publish this column and the club Communicator newsletter. We welcome your input to both publications.

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

This publication: Please email [WB7C@SuperstitionARC.org](mailto:WB7C@SuperstitionARC.org) with your input by January 5th. The February ADAW will publish to club members in late January.

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

**ADAW**



Happy New Year 2024 from The Sunlife Amateur Radio Club

December's Space Weather was pretty good for the ARRL Ten Meter Contest. There were hundreds of Hams on the Air from all over the world. The contest was all the Hub Bub. You sometimes never know when the bands will open up! So we have to pay attention and not miss out on some good Ham Radio fun.

On Monday, November 6th, 2023, at the Sunlife meeting, we celebrated Bill Maynard – W7ZT when he received his 2023 HAM OF THE YEAR AWARD from ARCA! Bill has been a very active ham and is known for building antennas out of almost anything!

We are sad to report that Bob Bingham K9WMP passed away on July 27, 2023. Bob worked for Motorola for 28 years and was an Amateur Radio Enthusiast. He was a member of both Sunlife ARC and our sister Club Venture Out ARC for many years. Bob and his wife Laura were both Volunteer Examiners and had tested hundreds of Hams at Venture Out, Quartzfest, and even sometimes at their home. Bob was also an expert dealing with the tough issues with the FCC that hams had to deal with; such as getting a vanity call sign or getting your license back after it had expired.

Laura Bingham, W9WMP had a Celebration of Life ceremony for Bob at Venture Out on December 9, 2023. Bob's family traveled from Chicago and also many hams from the area came to attend. It was a wonderful time we all discussed on how Bob would make us laugh and influence us to become better Hams. Bob we will all miss you!

73



**Superstition ARC Repeaters**

<u>Output</u>	<u>CTCSS</u>	<u>Links To</u>	<u>Mode</u>
147.120 MHz +	162.2Hz	449.600*	FM Only
449.600 MHz -	100.0Hz	147.120*	FM Only
448.275 MHz -	100.0Hz	WIRES-X	Fusion

\* Also Links to Echolink Node: **WB7TJD-L**  
\* Also Links to AllstarLink Node **52987**

**Club Nets**

- Morning Drive Time Net:** Mon-Fri, 7:00-8:00 AM - Trivia
- Club Net:** Wednesdays, 8:00 PM - Discussion, Elmer Q&A.
- Mesh Information Net:** Thursdays, 8:00 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

**SuperARC Merchandise Store**  
<https://superARC.big3creative.com>

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

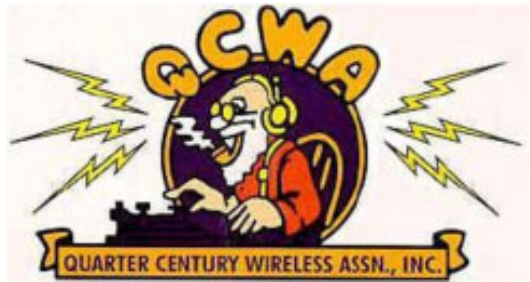
**Superstition SuperFest**

The Superstition SuperFest is held on the first Saturday of December.

# No Reports Received



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



CHAPTER 16  
 BARRY M. GOLDWATER ARIZONA CHAPTER



*Emergency Communications Since 1961*

**SHORT SKIP**



## 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.





# HAM RADIO OUTLET®

WWW.HAMRADIO.COM

**\*Free Shipping and Fast Delivery!**



### IC-9700 | All Mode Tri-Band Transceiver

- VHF/UHF/1.2GHz • Direct Sampling Now Enters the VHF/UHF Arena • 4.3" Touch Screen Color TFT LCD • Real-Time, High-Speed Spectrum Scope & Waterfall Display • Smooth Satellite Operation



### IC-905 | VHF/UHF/SHF All Mode Portable

- GPS-Controlled Oscillator for Ultimate Frequency Stability • Separate Controller & RF Unit Configuration • Industry First 144 MHz to Microwave Transceiver • Wideband 50 MHz Span Real-time Spectrum Scope • Full D-STAR Functions



### IC-V3500 | 144MHz FM Mobile

- 65W of Power for Long Range Communications • 4.5 Watts Loud & Clear Audio • Modern White Display & Simple Operation • Weather Channel Receive & Alert Function



### IC-7851 | HF/50MHz Transceiver

- 1.2kHz "Optimum" roofing filter • New local oscillator design • Improved phase noise • Improved spectrum scope • Dual scope function • Enhanced mouse operation for spectrum scope



### IC-705 | HF/50/144/430 MHz All Mode Transceiver

- RF Direct Sampling • Real-Time Spectrum Scope and Waterfall Display • Large Color Touch Screen • Supports QRPP/QRp • Bluetooth® and Wireless LAN Built-in



### D-Star Repeater Infrastructure

- Mix Mode Operation Can Relay Both D-STAR DV and Analog FM Signals • LTE Capable with Optional LX-262 to Connect an LTE Network and Internet • Integrated Controller Built-in and Functions with the RF Module Unit • RF Direct Sampling and FPGA Platform • 3rd Generation D-Star Repeaters with More Features & Power



### IC-7300 | HF/50MHz Transceiver

- RF Direct Sampling System • New "IP+" Function • Class Leading RINOR and Phase Noise Characteristics • 15 Discrete Band-Pass Filters • Built-In Automatic Antenna Tuner



### IC-7100 | All Mode Transceiver

- HF/50/144/430/440 MHz Multi-band, Multi-mode, IF DSP • D-STAR DV Mode (Digital Voice + Data) • Intuitive Touch Screen Interface • Built-in RTTY Functions

### IC-V86 | VHF 7W HT

- 7W Output Power Plus New Antenna Provides 1.5 Times More Coverage • More Audio, 1500 mW Audio Output • IP54 & MIL-STD 810G-Rugged Design Against Dust & Water • 19 Hours of Long Lasting Battery Life • 200 Memory Channels, 1 Call Channel & 6 Scan Edges



### IC-7610 | HF/50 MHz All Mode Transceiver

- Large 7-inch color display with high resolution real-time spectrum scope and waterfall • Independent direct sampling receivers capable of receiving two bands/two modes simultaneously



### IC-2730A | VHF/UHF Dual Band Transceiver

- VHF/VHF, UHF/UHF simultaneous receive • 50 watts of output on VHF and UHF • Optional VS-3 Bluetooth® headset • Easy-to-See large white backlit LCD • Controller attachment to the main Unit



### IC-T10 | Rugged 144/430 MHz Dual Band

- Disaster Ready - Excellent Fit for Your Emergency Bag • Loud Audio - New Speaker Design • Long Battery Life - Up to 11 Hours • FM Broadcast & Weather Channels



### IC-R8600 | Wideband SDR Receiver

- 10 kHz to 3 GHz Super Wideband Coverage • Real-time Spectrum Scope w/Waterfall Function • Remote Control Function through IP Network or USB Cable • Decodes Digital Inl P25, NXDN™, D-STAR • SD Card Slot for Receiver Recorder



### ID-5100 AD VHF/UHF Dual Band Digital Transceiver

- Analog FM/D-Star DV Mode • SD Card Slot for Voice & Data Storage • 50W Output on VHF/UHF Bands • Integrated GPS Receiver • AM Airband Dualwatch

### ID-52A | VHF/UHF D-STAR Portable

- Bluetooth® Communication • Simultaneous Reception in VV, UV, VU and DV/DV • Enriched D-STAR® Features including the Terminal Mode/Access Point Mode • UHF (225-374.995MHz) Air Band Reception



- 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



ANAHEIM, CA (800) 854-6046	PORTLAND, OR (800) 765-4267	PHOENIX, AZ (800) 559-7388	MILWAUKEE, WI (800) 558-0411	WOODBIDGE, VA (800) 444-4799	WINTER SPRINGS, FL (800) 327-1917
SACRAMENTO, CA (877) 892-1745	DENVER, CO (800) 444-9476	PLANO, TX (877) 455-8750	NEW CASTLE, DE (800) 644-4476	SALEM, NH (800) 444-0047	ATLANTA, GA (800) 444-7927

2023 has been a very good year for us and the Solar Cycle is back!  
 We are so grateful to all our customers and we are thankful for all your support throughout this last year.  
 We look forward to helping you when you stop by and see us in 2024!  
 Happy New Year to all of you from all of us here at HRO Phoenix!  
 Now serving you at our Phoenix store:

Manager Ron AJ7T, Mike K7DD, Bob W8RH, Richard K1RAB, Ira A17HC, Paul N0RWW, and Jim KE7EEU.